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GSM850_Ant0_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.65	32.82	32.73	34	23.65	23.82	23.73	25
GPRS 1 Tx slot	32.63	32.8	32.72	34	23.63	23.8	23.72	25
GPRS 2 Tx slots	29.51	29.81	29.86	31	23.51	23.81	23.86	25
GPRS 3 Tx slots	27.63	28.07	28.19	29.2	23.37	23.81	23.93	24.94
GPRS 4 Tx slots	26.34	26.87	26.83	28	23.34	23.87	23.83	25
EDGE 1 Tx slot	26.76	27.09	27.23	28	17.76	18.09	18.23	19
EDGE 2 Tx slots	24.08	24.06	24.48	25	18.08	18.06	18.48	19
EDGE 3 Tx slots	22.25	22.41	22.64	23.2	17.99	18.15	18.38	18.94
EDGE 4 Tx slots	20.89	20.91	21.22	22	17.89	17.91	18.22	19

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GSM850_Ant1_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.05	33.07	33.08	34	24.05	24.07	24.08	25
GPRS 1 Tx slot	33.03	33.06	33.07	34	24.03	24.06	24.07	25
GPRS 2 Tx slots	29.8	29.54	30.06	31	23.8	23.54	24.06	25
GPRS 3 Tx slots	28.3	28.23	28.54	29.2	24.04	23.97	24.28	24.94
GPRS 4 Tx slots	27.03	27.09	26.96	28	24.03	24.09	23.96	25
EDGE 1 Tx slot	26.92	26.86	26.98	28	17.92	17.86	17.98	19
EDGE 2 Tx slots	24.36	24.13	24.15	25	18.36	18.13	18.15	19
EDGE 3 Tx slots	22.34	22.49	22.47	23.2	18.08	18.23	18.21	18.94
EDGE 4 Tx slots	21.11	21.18	21.19	22	18.11	18.18	18.19	19

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GSM1900_Ant4_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.65	29.7	29.81	31	20.65	20.7	20.81	22
GPRS 1 Tx slot	29.67	29.71	29.86	31	20.67	20.71	20.86	22
GPRS 2 Tx slots	26.78	26.61	26.74	28	20.78	20.61	20.74	22
GPRS 3 Tx slots	24.95	24.93	24.88	26.2	20.69	20.67	20.62	21.94
GPRS 4 Tx slots	23.67	23.71	23.4	25	20.67	20.71	20.4	22
EDGE 1 Tx slot	25.84	26.1	26	27	16.84	17.1	17	18
EDGE 2 Tx slots	22.84	23.12	23.03	24	16.84	17.12	17.03	18
EDGE 3 Tx slots	21.12	21.21	21.18	22.2	16.86	16.95	16.92	17.94
EDGE 4 Tx slots	19.97	20.02	19.94	21	16.97	17.02	16.94	18

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GSM1900_Ant5_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.8	29.92	29.52	31	20.8	20.92	20.52	22
GPRS 1 Tx slot	29.81	29.93	29.55	31	20.81	20.93	20.55	22
GPRS 2 Tx slots	26.74	27.04	26.31	28	20.74	21.04	20.31	22
GPRS 3 Tx slots	24.78	25.21	25.04	26.2	20.52	20.95	20.78	21.94
GPRS 4 Tx slots	23.31	23.85	23.64	25	20.31	20.85	20.64	22
EDGE 1 Tx slot	25.87	26.07	26.45	27	16.87	17.07	17.45	18
EDGE 2 Tx slots	22.92	23.03	22.97	24	16.92	17.03	16.97	18
EDGE 3 Tx slots	21.14	21.25	21.65	22.2	16.88	16.99	17.39	17.94
EDGE 4 Tx slots	20.06	20.05	20.32	21	17.06	17.05	17.32	18

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GSM850_Ant0_DSI1	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.65	32.82	32.73	34	23.65	23.82	23.73	25
GPRS 1 Tx slot	32.63	32.8	32.72	34	23.63	23.8	23.72	25
GPRS 2 Tx slots	29.51	29.81	29.86	31	23.51	23.81	23.86	25
GPRS 3 Tx slots	27.63	28.07	28.19	29.2	23.37	23.81	23.93	24.94
GPRS 4 Tx slots	26.34	26.87	26.83	28	23.34	23.87	23.83	25
EDGE 1 Tx slot	26.76	27.09	27.23	28	17.76	18.09	18.23	19
EDGE 2 Tx slots	24.08	24.06	24.48	25	18.08	18.06	18.48	19
EDGE 3 Tx slots	22.25	22.41	22.64	23.2	17.99	18.15	18.38	18.94
EDGE 4 Tx slots	20.89	20.91	21.22	22	17.89	17.91	18.22	19

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GSM850_Ant1_DSI1	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.99	30	30.12	31	20.99	21	21.12	22
GPRS 1 Tx slot	29.98	30.06	30.06	31	20.98	21.06	21.06	22
GPRS 2 Tx slots	26.77	26.54	27.11	28	20.77	20.54	21.11	22
GPRS 3 Tx slots	25.24	25.28	25.48	26.2	20.98	21.02	21.22	21.94
GPRS 4 Tx slots	24.03	24.06	23.96	25	21.03	21.06	20.96	22
EDGE 1 Tx slot	26.92	26.86	26.98	28	17.92	17.86	17.98	19
EDGE 2 Tx slots	24.36	24.13	24.15	25	18.36	18.13	18.15	19
EDGE 3 Tx slots	22.34	22.49	22.47	23.2	18.08	18.23	18.21	18.94
EDGE 4 Tx slots	21.11	21.18	21.19	22	18.11	18.18	18.19	19

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GSM1900_Ant4_DSI1	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.1	27.22	27.34	28.5	18.1	18.22	18.34	19.5
GPRS 1 Tx slot	27.17	27.27	27.41	28.5	18.17	18.27	18.41	19.5
GPRS 2 Tx slots	24.25	24.09	24.19	25.5	18.25	18.09	18.19	19.5
GPRS 3 Tx slots	22.39	22.42	22.43	23.7	18.13	18.16	18.17	19.44
GPRS 4 Tx slots	21.13	21.26	21.05	22.5	18.13	18.26	18.05	19.5
EDGE 1 Tx slot	25.84	26.1	26	27	16.84	17.1	17	18
EDGE 2 Tx slots	22.84	23.12	23.03	24	16.84	17.12	17.03	18
EDGE 3 Tx slots	21.12	21.21	21.18	22.2	16.86	16.95	16.92	17.94
EDGE 4 Tx slots	19.97	20.02	19.94	21	16.97	17.02	16.94	18

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GSM1900_Ant5_DSI1	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.3	26.39	26.05	27.5	17.3	17.39	17.05	18.5
GPRS 1 Tx slot	26.35	26.46	26.33	27.5	17.35	17.46	17.33	18.5
GPRS 2 Tx slots	23.17	23.49	22.75	24.5	17.17	17.49	16.75	18.5
GPRS 3 Tx slots	21.29	21.75	21.51	22.7	17.03	17.49	17.25	18.44
GPRS 4 Tx slots	19.77	20.39	20.1	21.5	16.77	17.39	17.1	18.5
EDGE 1 Tx slot	25.87	26.07	26.45	27	16.87	17.07	17.45	18
EDGE 2 Tx slots	22.92	23.03	22.97	24	16.92	17.03	16.97	18
EDGE 3 Tx slots	21.14	21.25	21.65	22.2	16.88	16.99	17.39	17.94
EDGE 4 Tx slots	20.06	20.05	20.32	21	17.06	17.05	17.32	18

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GSM850_Ant0_DSI3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.65	32.82	32.73	34	23.65	23.82	23.73	25
GPRS 1 Tx slot	32.63	32.8	32.72	34	23.63	23.8	23.72	25
GPRS 2 Tx slots	29.51	29.81	29.86	31	23.51	23.81	23.86	25
GPRS 3 Tx slots	27.63	28.07	28.19	29.2	23.37	23.81	23.93	24.94
GPRS 4 Tx slots	26.34	26.87	26.83	28	23.34	23.87	23.83	25
EDGE 1 Tx slot	26.76	27.09	27.23	28	17.76	18.09	18.23	19
EDGE 2 Tx slots	24.08	24.06	24.48	25	18.08	18.06	18.48	19
EDGE 3 Tx slots	22.25	22.41	22.64	23.2	17.99	18.15	18.38	18.94
EDGE 4 Tx slots	20.89	20.91	21.22	22	17.89	17.91	18.22	19

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GSM850_Ant1_DSI3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.99	30	30.12	31	20.99	21	21.12	22
GPRS 1 Tx slot	29.98	30.06	30.06	31	20.98	21.06	21.06	22
GPRS 2 Tx slots	26.77	26.54	27.11	28	20.77	20.54	21.11	22
GPRS 3 Tx slots	25.24	25.28	25.48	26.2	20.98	21.02	21.22	21.94
GPRS 4 Tx slots	24.03	24.06	23.96	25	21.03	21.06	20.96	22
EDGE 1 Tx slot	26.92	26.86	26.98	28	17.92	17.86	17.98	19
EDGE 2 Tx slots	24.36	24.13	24.15	25	18.36	18.13	18.15	19
EDGE 3 Tx slots	22.34	22.49	22.47	23.2	18.08	18.23	18.21	18.94
EDGE 4 Tx slots	21.11	21.18	21.19	22	18.11	18.18	18.19	19

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GSM1900_Ant4_DSI3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.65	29.7	29.81	31	20.65	20.7	20.81	22
GPRS 1 Tx slot	29.67	29.71	29.86	31	20.67	20.71	20.86	22
GPRS 2 Tx slots	26.78	26.61	26.74	28	20.78	20.61	20.74	22
GPRS 3 Tx slots	24.95	24.93	24.88	26.2	20.69	20.67	20.62	21.94
GPRS 4 Tx slots	23.67	23.71	23.4	25	20.67	20.71	20.4	22
EDGE 1 Tx slot	25.84	26.1	26	27	16.84	17.1	17	18
EDGE 2 Tx slots	22.84	23.12	23.03	24	16.84	17.12	17.03	18
EDGE 3 Tx slots	21.12	21.21	21.18	22.2	16.86	16.95	16.92	17.94
EDGE 4 Tx slots	19.97	20.02	19.94	21	16.97	17.02	16.94	18

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GSM1900_Ant5_DSI3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.28	28.46	28.03	29.5	19.28	19.46	19.03	20.5
GPRS 1 Tx slot	28.38	28.39	28.12	29.5	19.38	19.39	19.12	20.5
GPRS 2 Tx slots	25.26	25.56	24.87	26.5	19.26	19.56	18.87	20.5
GPRS 3 Tx slots	23.22	23.7	23.5	24.7	18.96	19.44	19.24	20.44
GPRS 4 Tx slots	21.78	22.41	22.12	23.5	18.78	19.41	19.12	20.5
EDGE 1 Tx slot	25.87	26.07	26.45	27	16.87	17.07	17.45	18
EDGE 2 Tx slots	22.92	23.03	22.97	24	16.92	17.03	16.97	18
EDGE 3 Tx slots	21.14	21.25	21.65	22.2	16.88	16.99	17.39	17.94
EDGE 4 Tx slots	20.06	20.05	20.32	21	17.06	17.05	17.32	18

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GSM850_Ant0_DSI4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.65	32.82	32.73	34	23.65	23.82	23.73	25
GPRS 1 Tx slot	32.63	32.8	32.72	34	23.63	23.8	23.72	25
GPRS 2 Tx slots	29.51	29.81	29.86	31	23.51	23.81	23.86	25
GPRS 3 Tx slots	27.63	28.07	28.19	29.2	23.37	23.81	23.93	24.94
GPRS 4 Tx slots	26.34	26.87	26.83	28	23.34	23.87	23.83	25
EDGE 1 Tx slot	26.76	27.09	27.23	28	17.76	18.09	18.23	19
EDGE 2 Tx slots	24.08	24.06	24.48	25	18.08	18.06	18.48	19
EDGE 3 Tx slots	22.25	22.41	22.64	23.2	17.99	18.15	18.38	18.94
EDGE 4 Tx slots	20.89	20.91	21.22	22	17.89	17.91	18.22	19

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GSM850_Ant1_DSI4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.99	30	30.12	31	20.99	21	21.12	22
GPRS 1 Tx slot	29.98	30.06	30.06	31	20.98	21.06	21.06	22
GPRS 2 Tx slots	26.77	26.54	27.11	28	20.77	20.54	21.11	22
GPRS 3 Tx slots	25.24	25.28	25.48	26.2	20.98	21.02	21.22	21.94
GPRS 4 Tx slots	24.03	24.06	23.96	25	21.03	21.06	20.96	22
EDGE 1 Tx slot	26.92	26.86	26.98	28	17.92	17.86	17.98	19
EDGE 2 Tx slots	24.36	24.13	24.15	25	18.36	18.13	18.15	19
EDGE 3 Tx slots	22.34	22.49	22.47	23.2	18.08	18.23	18.21	18.94
EDGE 4 Tx slots	21.11	21.18	21.19	22	18.11	18.18	18.19	19

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GSM1900_Ant4_DSI4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.65	29.7	29.81	31	20.65	20.7	20.81	22
GPRS 1 Tx slot	29.67	29.71	29.86	31	20.67	20.71	20.86	22
GPRS 2 Tx slots	26.78	26.61	26.74	28	20.78	20.61	20.74	22
GPRS 3 Tx slots	24.95	24.93	24.88	26.2	20.69	20.67	20.62	21.94
GPRS 4 Tx slots	23.67	23.71	23.4	25	20.67	20.71	20.4	22
EDGE 1 Tx slot	25.84	26.1	26	27	16.84	17.1	17	18
EDGE 2 Tx slots	22.84	23.12	23.03	24	16.84	17.12	17.03	18
EDGE 3 Tx slots	21.12	21.21	21.18	22.2	16.86	16.95	16.92	17.94
EDGE 4 Tx slots	19.97	20.02	19.94	21	16.97	17.02	16.94	18

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GSM1900_Ant5_DSI4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.28	28.46	28.03	29.5	19.28	19.46	19.03	20.5
GPRS 1 Tx slot	28.38	28.39	28.12	29.5	19.38	19.39	19.12	20.5
GPRS 2 Tx slots	25.26	25.56	24.87	26.5	19.26	19.56	18.87	20.5
GPRS 3 Tx slots	23.22	23.7	23.5	24.7	18.96	19.44	19.24	20.44
GPRS 4 Tx slots	21.78	22.41	22.12	23.5	18.78	19.41	19.12	20.5
EDGE 1 Tx slot	25.87	26.07	26.45	27	16.87	17.07	17.45	18
EDGE 2 Tx slots	22.92	23.03	22.97	24	16.92	17.03	16.97	18
EDGE 3 Tx slots	21.14	21.25	21.65	22.2	16.88	16.99	17.39	17.94
EDGE 4 Tx slots	20.06	20.05	20.32	21	17.06	17.05	17.32	18

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GSM850_Ant0_DSI5	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.65	32.82	32.73	34	23.65	23.82	23.73	25
GPRS 1 Tx slot	32.63	32.8	32.72	34	23.63	23.8	23.72	25
GPRS 2 Tx slots	29.51	29.81	29.86	31	23.51	23.81	23.86	25
GPRS 3 Tx slots	27.63	28.07	28.19	29.2	23.37	23.81	23.93	24.94
GPRS 4 Tx slots	26.34	26.87	26.83	28	23.34	23.87	23.83	25
EDGE 1 Tx slot	26.76	27.09	27.23	28	17.76	18.09	18.23	19
EDGE 2 Tx slots	24.08	24.06	24.48	25	18.08	18.06	18.48	19
EDGE 3 Tx slots	22.25	22.41	22.64	23.2	17.99	18.15	18.38	18.94
EDGE 4 Tx slots	20.89	20.91	21.22	22	17.89	17.91	18.22	19

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GSM850_Ant1_DSI5	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.99	30	30.12	31	20.99	21	21.12	22
GPRS 1 Tx slot	29.98	30.06	30.06	31	20.98	21.06	21.06	22
GPRS 2 Tx slots	26.77	26.54	27.11	28	20.77	20.54	21.11	22
GPRS 3 Tx slots	25.24	25.28	25.48	26.2	20.98	21.02	21.22	21.94
GPRS 4 Tx slots	24.03	24.06	23.96	25	21.03	21.06	20.96	22
EDGE 1 Tx slot	26.92	26.86	26.98	28	17.92	17.86	17.98	19
EDGE 2 Tx slots	24.36	24.13	24.15	25	18.36	18.13	18.15	19
EDGE 3 Tx slots	22.34	22.49	22.47	23.2	18.08	18.23	18.21	18.94
EDGE 4 Tx slots	21.11	21.18	21.19	22	18.11	18.18	18.19	19

<GSM>

GSM1900_Ant4_DSI5	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.1	27.22	27.34	28.5	18.1	18.22	18.34	19.5
GPRS 1 Tx slot	27.17	27.27	27.41	28.5	18.17	18.27	18.41	19.5
GPRS 2 Tx slots	24.25	24.09	24.19	25.5	18.25	18.09	18.19	19.5
GPRS 3 Tx slots	22.39	22.42	22.43	23.7	18.13	18.16	18.17	19.44
GPRS 4 Tx slots	21.13	21.26	21.05	22.5	18.13	18.26	18.05	19.5
EDGE 1 Tx slot	25.84	26.1	26	27	16.84	17.1	17	18
EDGE 2 Tx slots	22.84	23.12	23.03	24	16.84	17.12	17.03	18
EDGE 3 Tx slots	21.12	21.21	21.18	22.2	16.86	16.95	16.92	17.94
EDGE 4 Tx slots	19.97	20.02	19.94	21	16.97	17.02	16.94	18

<GSM>

GSM1900_Ant5_DSI5	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.3	26.39	26.05	27.5	17.3	17.39	17.05	18.5
GPRS 1 Tx slot	26.35	26.46	26.33	27.5	17.35	17.46	17.33	18.5
GPRS 2 Tx slots	23.17	23.49	22.75	24.5	17.17	17.49	16.75	18.5
GPRS 3 Tx slots	21.29	21.75	21.51	22.7	17.03	17.49	17.25	18.44
GPRS 4 Tx slots	19.77	20.39	20.1	21.5	16.77	17.39	17.1	18.5
EDGE 1 Tx slot	25.87	26.07	26.45	27	16.87	17.07	17.45	18
EDGE 2 Tx slots	22.92	23.03	22.97	24	16.92	17.03	16.97	18
EDGE 3 Tx slots	21.14	21.25	21.65	22.2	16.88	16.99	17.39	17.94
EDGE 4 Tx slots	20.06	20.05	20.32	21	17.06	17.05	17.32	18

<WCDMA>

Band		WCDMA V_Ant0_Full Power			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.32	24.08	25
	RMC 12.2Kbps	24.33	24.37	24.29	25
3GPP Rel 6	HSDPA Subtest-1	23.2	23.46	23.16	24
	HSDPA Subtest-2	23.03	23.25	22.93	24
	HSDPA Subtest-3	22.68	22.96	22.71	23.5
	HSDPA Subtest-4	22.73	22.97	22.62	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.47	23.12	24
	DC-HSDPA Subtest-2	23.26	23.45	23.14	24
	DC-HSDPA Subtest-3	22.69	22.97	22.61	23.5
	DC-HSDPA Subtest-4	22.61	22.91	22.63	23.5
3GPP Rel 6	HSUPA Subtest-1	23.16	23.34	23.07	24
	HSUPA Subtest-2	21.21	21.48	21.26	22
	HSUPA Subtest-3	22.18	22.42	22.13	23
	HSUPA Subtest-4	21.06	21.32	21.07	22
	HSUPA Subtest-5	22.97	23.26	23.02	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.7	20.94	20.71	21.5

<WCDMA>

Band		WCDMA V_Arf1_Full Power			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.13	24.09	25
	RMC 12.2Kbps	24.06	24.2	24.03	25
3GPP Rel 6	HSDPA Subtest-1	23.04	23.14	22.95	24
	HSDPA Subtest-2	23.14	23.26	23.17	24
	HSDPA Subtest-3	22.63	22.71	22.65	23.5
	HSDPA Subtest-4	22.51	22.66	22.57	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.03	23.12	23.01	24
	DC-HSDPA Subtest-2	22.94	23.1	23.02	24
	DC-HSDPA Subtest-3	22.69	22.76	22.58	23.5
	DC-HSDPA Subtest-4	22.65	22.71	22.55	23.5
3GPP Rel 6	HSUPA Subtest-1	23.12	23.28	23.21	24
	HSUPA Subtest-2	21.2	21.27	21.21	22
	HSUPA Subtest-3	21.98	22.12	21.96	23
	HSUPA Subtest-4	21.09	21.21	21.03	22
	HSUPA Subtest-5	23.2	23.31	23.25	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.73	20.77	20.71	21.5

<WCDMA>

Band		WCDMA II_Ant4_Full Power			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.4	24.45	24.42	25
	RMC 12.2Kbps	24.43	24.51	24.45	25
3GPP Rel 6	HSDPA Subtest-1	23.55	23.58	23.53	24
	HSDPA Subtest-2	23.51	23.48	23.5	24
	HSDPA Subtest-3	22.84	22.9	23.05	23.5
	HSDPA Subtest-4	22.91	23.12	22.85	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.4	23.4	23.35	24
	DC-HSDPA Subtest-2	23.32	23.39	23.38	24
	DC-HSDPA Subtest-3	22.91	23.08	22.98	23.5
	DC-HSDPA Subtest-4	22.89	22.96	23.03	23.5
3GPP Rel 6	HSUPA Subtest-1	23.54	23.48	23.56	24
	HSUPA Subtest-2	21.42	21.61	21.45	22
	HSUPA Subtest-3	22.42	22.42	22.34	23
	HSUPA Subtest-4	21.46	21.62	21.45	22
	HSUPA Subtest-5	23.36	23.42	23.4	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.87	21.04	21.01	21.5

<WCDMA>

Band		WCDMA IV_Ant4_Full Power			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.25	24.33	24.26	25
	RMC 12.2Kbps	24.42	24.49	24.46	25
3GPP Rel 6	HSDPA Subtest-1	23.33	23.51	23.51	24
	HSDPA Subtest-2	23.54	23.49	23.53	24
	HSDPA Subtest-3	23.01	22.89	23.01	23.5
	HSDPA Subtest-4	23.02	23.05	22.84	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.53	23.4	23.58	24
	DC-HSDPA Subtest-2	23.4	23.56	23.39	24
	DC-HSDPA Subtest-3	22.97	22.92	22.84	23.5
	DC-HSDPA Subtest-4	22.96	22.92	22.97	23.5
3GPP Rel 6	HSUPA Subtest-1	23.42	23.42	23.58	24
	HSUPA Subtest-2	21.32	21.59	21.57	22
	HSUPA Subtest-3	22.33	22.53	22.58	23
	HSUPA Subtest-4	21.38	21.37	21.45	22
	HSUPA Subtest-5	23.51	23.37	23.45	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.84	20.88	20.89	21.5

<WCDMA>

Band		WCDMA II_Ant5_Full Power			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.42	24.46	24.43	25
	RMC 12.2Kbps	24.51	24.59	24.48	25
3GPP Rel 6	HSDPA Subtest-1	23.54	23.56	23.57	24
	HSDPA Subtest-2	23.48	23.58	23.49	24
	HSDPA Subtest-3	22.98	23.05	23.1	23.5
	HSDPA Subtest-4	23.06	23.19	22.88	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.62	23.65	23.41	24
	DC-HSDPA Subtest-2	23.6	23.62	23.49	24
	DC-HSDPA Subtest-3	23.11	23.14	22.89	23.5
	DC-HSDPA Subtest-4	23.1	23.15	23.04	23.5
3GPP Rel 6	HSUPA Subtest-1	23.39	23.61	23.49	24
	HSUPA Subtest-2	21.45	21.48	21.6	22
	HSUPA Subtest-3	22.49	22.53	22.57	23
	HSUPA Subtest-4	21.4	21.65	21.46	22
	HSUPA Subtest-5	23.42	23.6	23.44	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.12	20.99	21.08	21.5

<WCDMA>

Band		WCDMA IV_Ant5_Full Power			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.21	24.23	24.22	25
	RMC 12.2Kbps	24.25	24.31	24.27	25
3GPP Rel 6	HSDPA Subtest-1	23.25	23.21	23.36	24
	HSDPA Subtest-2	23.24	23.42	23.18	24
	HSDPA Subtest-3	22.71	22.7	22.83	23.5
	HSDPA Subtest-4	22.65	22.85	22.67	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.29	23.36	23.17	24
	DC-HSDPA Subtest-2	23.28	23.32	23.3	24
	DC-HSDPA Subtest-3	22.64	22.7	22.85	23.5
	DC-HSDPA Subtest-4	22.69	22.92	22.76	23.5
3GPP Rel 6	HSUPA Subtest-1	23.31	23.25	23.18	24
	HSUPA Subtest-2	21.26	21.39	21.24	22
	HSUPA Subtest-3	22.37	22.35	22.21	23
	HSUPA Subtest-4	21.31	21.37	21.25	22
	HSUPA Subtest-5	23.3	23.28	23.21	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.68	20.86	20.87	21.5

<WCDMA>

Band		WCDMA V_Ant0_DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.32	24.08	25
	RMC 12.2Kbps	24.33	24.37	24.29	25
3GPP Rel 6	HSDPA Subtest-1	23.2	23.46	23.16	24
	HSDPA Subtest-2	23.03	23.25	22.93	24
	HSDPA Subtest-3	22.68	22.96	22.71	23.5
	HSDPA Subtest-4	22.73	22.97	22.62	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.47	23.12	24
	DC-HSDPA Subtest-2	23.26	23.45	23.14	24
	DC-HSDPA Subtest-3	22.69	22.97	22.61	23.5
	DC-HSDPA Subtest-4	22.61	22.91	22.63	23.5
3GPP Rel 6	HSUPA Subtest-1	23.16	23.34	23.07	24
	HSUPA Subtest-2	21.21	21.48	21.26	22
	HSUPA Subtest-3	22.18	22.42	22.13	23
	HSUPA Subtest-4	21.06	21.32	21.07	22
	HSUPA Subtest-5	22.97	23.26	23.02	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.7	20.94	20.71	21.5

<WCDMA>

Band		WCDMA V_Ant1_DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.08	21.09	21.1	22
	RMC 12.2Kbps	21.07	21.17	20.97	22
3GPP Rel 6	HSDPA Subtest-1	20.08	20.1	19.99	21
	HSDPA Subtest-2	20.13	20.28	20.11	21
	HSDPA Subtest-3	19.67	19.76	19.64	20.5
	HSDPA Subtest-4	19.54	19.66	19.57	20.5
3GPP Rel 8	DC-HSDPA Subtest-1	20.02	20.11	20.03	21
	DC-HSDPA Subtest-2	19.99	20.07	19.98	21
	DC-HSDPA Subtest-3	19.7	19.81	19.54	20.5
	DC-HSDPA Subtest-4	19.61	19.71	19.51	20.5
3GPP Rel 6	HSUPA Subtest-1	20.12	20.24	20.2	21
	HSUPA Subtest-2	18.2	18.29	18.26	19
	HSUPA Subtest-3	18.97	19.07	18.9	20
	HSUPA Subtest-4	18.1	18.15	18.03	19
	HSUPA Subtest-5	20.16	20.33	20.26	21
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.77	17.72	17.73	18.5

<WCDMA>

Band		WCDMA II_Ant4_DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.45	17.43	17.45	18
	RMC 12.2Kbps	17.39	17.56	17.48	18
3GPP Rel 6	HSDPA Subtest-1	16.61	16.6	16.56	17
	HSDPA Subtest-2	16.51	16.46	16.49	17
	HSDPA Subtest-3	15.87	15.95	16.02	16.5
	HSDPA Subtest-4	15.9	16.12	15.86	16.5
3GPP Rel 8	DC-HSDPA Subtest-1	16.37	16.44	16.37	17
	DC-HSDPA Subtest-2	16.35	16.39	16.43	17
	DC-HSDPA Subtest-3	15.89	16.08	15.94	16.5
	DC-HSDPA Subtest-4	15.93	15.96	16.05	16.5
3GPP Rel 6	HSUPA Subtest-1	16.54	16.5	16.57	17
	HSUPA Subtest-2	14.38	14.55	14.45	15
	HSUPA Subtest-3	15.39	15.45	15.32	16
	HSUPA Subtest-4	14.5	14.64	14.44	15
	HSUPA Subtest-5	16.34	16.37	16.45	17
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.85	14.03	13.99	14.5

<WCDMA>

Band		WCDMA IV_Ant4_DSI1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.19	17.39	17.31	18
	RMC 12.2Kbps	17.45	17.53	17.47	18
3GPP Rel 6	HSDPA Subtest-1	16.35	16.54	16.5	17
	HSDPA Subtest-2	16.53	16.48	16.58	17
	HSDPA Subtest-3	16	15.89	16.06	16.5
	HSDPA Subtest-4	15.98	16.05	15.83	16.5
3GPP Rel 8	DC-HSDPA Subtest-1	16.51	16.36	16.6	17
	DC-HSDPA Subtest-2	16.37	16.59	16.39	17
	DC-HSDPA Subtest-3	16.01	15.91	15.83	16.5
	DC-HSDPA Subtest-4	15.93	15.97	15.97	16.5
3GPP Rel 6	HSUPA Subtest-1	16.44	16.47	16.57	17
	HSUPA Subtest-2	14.36	14.62	14.56	15
	HSUPA Subtest-3	15.34	15.56	15.53	16
	HSUPA Subtest-4	14.39	14.35	14.46	15
	HSUPA Subtest-5	16.52	16.4	16.48	17
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.86	13.94	13.95	14.5

<WCDMA>

Band		WCDMA II_Ant5_DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.96	17.95	17.9	18.5
	RMC 12.2Kbps	18.04	18.04	17.95	18.5
3GPP Rel 6	HSDPA Subtest-1	17.09	17.07	17.03	17.5
	HSDPA Subtest-2	16.96	17.11	16.93	17.5
	HSDPA Subtest-3	16.43	16.55	16.62	17
	HSDPA Subtest-4	16.6	16.7	16.34	17
3GPP Rel 8	DC-HSDPA Subtest-1	17.13	17.1	16.94	17.5
	DC-HSDPA Subtest-2	17.1	17.12	16.98	17.5
	DC-HSDPA Subtest-3	16.67	16.68	16.36	17
	DC-HSDPA Subtest-4	16.66	16.59	16.58	17
3GPP Rel 6	HSUPA Subtest-1	16.94	17.09	16.98	17.5
	HSUPA Subtest-2	15	14.96	15.05	15.5
	HSUPA Subtest-3	15.98	16.05	16.12	16.5
	HSUPA Subtest-4	14.88	15.17	15.01	15.5
	HSUPA Subtest-5	16.93	17.09	16.94	17.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.57	14.52	14.63	15

<WCDMA>

Band		WCDMA IV_Ant5_DSI1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.67	16.79	16.73	17.5
	RMC 12.2Kbps	16.8	16.85	16.78	17.5
3GPP Rel 6	HSDPA Subtest-1	15.7	15.66	15.86	16.5
	HSDPA Subtest-2	15.78	15.98	15.64	16.5
	HSDPA Subtest-3	15.27	15.14	15.31	16
	HSDPA Subtest-4	15.21	15.4	15.2	16
3GPP Rel 8	DC-HSDPA Subtest-1	15.82	15.85	15.62	16.5
	DC-HSDPA Subtest-2	15.77	15.87	15.84	16.5
	DC-HSDPA Subtest-3	15.16	15.22	15.37	16
	DC-HSDPA Subtest-4	15.15	15.46	15.31	16
3GPP Rel 6	HSUPA Subtest-1	15.84	15.76	15.73	16.5
	HSUPA Subtest-2	13.72	13.91	13.75	14.5
	HSUPA Subtest-3	14.86	14.84	14.73	15.5
	HSUPA Subtest-4	13.75	13.83	13.7	14.5
	HSUPA Subtest-5	15.79	15.82	15.73	16.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.23	13.34	13.39	14

<WCDMA>

Band		WCDMA V_Ant0_DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.32	24.08	25
	RMC 12.2Kbps	24.33	24.37	24.29	25
3GPP Rel 6	HSDPA Subtest-1	23.2	23.46	23.16	24
	HSDPA Subtest-2	23.03	23.25	22.93	24
	HSDPA Subtest-3	22.68	22.96	22.71	23.5
	HSDPA Subtest-4	22.73	22.97	22.62	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.47	23.12	24
	DC-HSDPA Subtest-2	23.26	23.45	23.14	24
	DC-HSDPA Subtest-3	22.69	22.97	22.61	23.5
	DC-HSDPA Subtest-4	22.61	22.91	22.63	23.5
3GPP Rel 6	HSUPA Subtest-1	23.16	23.34	23.07	24
	HSUPA Subtest-2	21.21	21.48	21.26	22
	HSUPA Subtest-3	22.18	22.42	22.13	23
	HSUPA Subtest-4	21.06	21.32	21.07	22
	HSUPA Subtest-5	22.97	23.26	23.02	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.7	20.94	20.71	21.5

<WCDMA>

Band		WCDMA V_Ant1_DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.08	21.09	21.1	22
	RMC 12.2Kbps	21.07	21.17	20.97	22
3GPP Rel 6	HSDPA Subtest-1	20.08	20.1	19.99	21
	HSDPA Subtest-2	20.13	20.28	20.11	21
	HSDPA Subtest-3	19.67	19.76	19.64	20.5
	HSDPA Subtest-4	19.54	19.66	19.57	20.5
3GPP Rel 8	DC-HSDPA Subtest-1	20.02	20.11	20.03	21
	DC-HSDPA Subtest-2	19.99	20.07	19.98	21
	DC-HSDPA Subtest-3	19.7	19.81	19.54	20.5
	DC-HSDPA Subtest-4	19.61	19.71	19.51	20.5
3GPP Rel 6	HSUPA Subtest-1	20.12	20.24	20.2	21
	HSUPA Subtest-2	18.2	18.29	18.26	19
	HSUPA Subtest-3	18.97	19.07	18.9	20
	HSUPA Subtest-4	18.1	18.15	18.03	19
	HSUPA Subtest-5	20.16	20.33	20.26	21
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.77	17.72	17.73	18.5

<WCDMA>

Band		WCDMA II_Ant4_DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.39	18.45	18.38	19
	RMC 12.2Kbps	18.47	18.54	18.49	19
3GPP Rel 6	HSDPA Subtest-1	17.49	17.62	17.48	18
	HSDPA Subtest-2	17.55	17.5	17.54	18
	HSDPA Subtest-3	16.81	16.85	17	17.5
	HSDPA Subtest-4	16.87	17.09	16.82	17.5
3GPP Rel 8	DC-HSDPA Subtest-1	17.38	17.44	17.34	18
	DC-HSDPA Subtest-2	17.33	17.36	17.34	18
	DC-HSDPA Subtest-3	16.94	17.04	16.94	17.5
	DC-HSDPA Subtest-4	16.87	16.95	17.05	17.5
3GPP Rel 6	HSUPA Subtest-1	17.59	17.51	17.54	18
	HSUPA Subtest-2	15.43	15.57	15.41	16
	HSUPA Subtest-3	16.45	16.39	16.28	17
	HSUPA Subtest-4	15.47	15.57	15.4	16
	HSUPA Subtest-5	17.32	17.37	17.43	18
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.83	15.07	15.06	15.5

<WCDMA>

Band		WCDMA IV_Ant4_DSI3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.27	18.29	18.23	19
	RMC 12.2Kbps	18.38	18.51	18.46	19
3GPP Rel 6	HSDPA Subtest-1	17.31	17.56	17.49	18
	HSDPA Subtest-2	17.57	17.49	17.48	18
	HSDPA Subtest-3	17.04	16.84	17.05	17.5
	HSDPA Subtest-4	17.05	17.03	16.88	17.5
3GPP Rel 8	DC-HSDPA Subtest-1	17.53	17.4	17.61	18
	DC-HSDPA Subtest-2	17.38	17.55	17.34	18
	DC-HSDPA Subtest-3	17.03	16.87	16.88	17.5
	DC-HSDPA Subtest-4	17.01	16.9	16.97	17.5
3GPP Rel 6	HSUPA Subtest-1	17.43	17.42	17.56	18
	HSUPA Subtest-2	15.26	15.61	15.6	16
	HSUPA Subtest-3	16.28	16.59	16.56	17
	HSUPA Subtest-4	15.41	15.35	15.51	16
	HSUPA Subtest-5	17.49	17.36	17.49	18
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.88	14.9	14.87	15.5

<WCDMA>

Band		WCDMA II_Ant5_DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.43	20.5	20.47	21
	RMC 12.2Kbps	20.47	20.57	20.44	21
3GPP Rel 6	HSDPA Subtest-1	19.49	19.52	19.54	20
	HSDPA Subtest-2	19.53	19.62	19.53	20
	HSDPA Subtest-3	18.98	19.02	19.06	19.5
	HSDPA Subtest-4	19.07	19.24	18.89	19.5
3GPP Rel 8	DC-HSDPA Subtest-1	19.61	19.61	19.38	20
	DC-HSDPA Subtest-2	19.59	19.64	19.46	20
	DC-HSDPA Subtest-3	19.05	19.13	18.94	19.5
	DC-HSDPA Subtest-4	19.06	19.16	19.08	19.5
3GPP Rel 6	HSUPA Subtest-1	19.37	19.62	19.52	20
	HSUPA Subtest-2	17.46	17.49	17.6	18
	HSUPA Subtest-3	18.45	18.53	18.62	19
	HSUPA Subtest-4	17.44	17.59	17.49	18
	HSUPA Subtest-5	19.38	19.6	19.39	20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.15	16.99	17.06	17.5

<WCDMA>

Band		WCDMA IV_Ant5_DSI3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.74	19.67	19.69	20.5
	RMC 12.2Kbps	19.71	19.77	19.81	20.5
3GPP Rel 6	HSDPA Subtest-1	18.8	18.68	18.92	19.5
	HSDPA Subtest-2	18.72	18.9	18.67	19.5
	HSDPA Subtest-3	18.19	18.24	18.29	19
	HSDPA Subtest-4	18.13	18.37	18.21	19
3GPP Rel 8	DC-HSDPA Subtest-1	18.84	18.89	18.65	19.5
	DC-HSDPA Subtest-2	18.83	18.83	18.85	19.5
	DC-HSDPA Subtest-3	18.1	18.22	18.38	19
	DC-HSDPA Subtest-4	18.15	18.45	18.32	19
3GPP Rel 6	HSUPA Subtest-1	18.78	18.81	18.68	19.5
	HSUPA Subtest-2	16.81	16.89	16.78	17.5
	HSUPA Subtest-3	17.93	17.87	17.71	18.5
	HSUPA Subtest-4	16.86	16.84	16.8	17.5
	HSUPA Subtest-5	18.75	18.8	18.74	19.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.23	16.33	16.32	17

<WCDMA>

Band		WCDMA V_Ant0_DSI4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.32	24.08	25
	RMC 12.2Kbps	24.33	24.37	24.29	25
3GPP Rel 6	HSDPA Subtest-1	23.2	23.46	23.16	24
	HSDPA Subtest-2	23.03	23.25	22.93	24
	HSDPA Subtest-3	22.68	22.96	22.71	23.5
	HSDPA Subtest-4	22.73	22.97	22.62	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.47	23.12	24
	DC-HSDPA Subtest-2	23.26	23.45	23.14	24
	DC-HSDPA Subtest-3	22.69	22.97	22.61	23.5
	DC-HSDPA Subtest-4	22.61	22.91	22.63	23.5
3GPP Rel 6	HSUPA Subtest-1	23.16	23.34	23.07	24
	HSUPA Subtest-2	21.21	21.48	21.26	22
	HSUPA Subtest-3	22.18	22.42	22.13	23
	HSUPA Subtest-4	21.06	21.32	21.07	22
	HSUPA Subtest-5	22.97	23.26	23.02	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.7	20.94	20.71	21.5

<WCDMA>

Band		WCDMA V_Arfcn_DSI4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.08	21.09	21.1	22
	RMC 12.2Kbps	21.07	21.17	20.97	22
3GPP Rel 6	HSDPA Subtest-1	20.08	20.1	19.99	21
	HSDPA Subtest-2	20.13	20.28	20.11	21
	HSDPA Subtest-3	19.67	19.76	19.64	20.5
	HSDPA Subtest-4	19.54	19.66	19.57	20.5
3GPP Rel 8	DC-HSDPA Subtest-1	20.02	20.11	20.03	21
	DC-HSDPA Subtest-2	19.99	20.07	19.98	21
	DC-HSDPA Subtest-3	19.7	19.81	19.54	20.5
	DC-HSDPA Subtest-4	19.61	19.71	19.51	20.5
3GPP Rel 6	HSUPA Subtest-1	20.12	20.24	20.2	21
	HSUPA Subtest-2	18.2	18.29	18.26	19
	HSUPA Subtest-3	18.97	19.07	18.9	20
	HSUPA Subtest-4	18.1	18.15	18.03	19
	HSUPA Subtest-5	20.16	20.33	20.26	21
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.77	17.72	17.73	18.5

<WCDMA>

Band		WCDMA II_Ant4_DSI4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.93	22.99	22.91	23.5
	RMC 12.2Kbps	22.88	23.05	22.97	23.5
3GPP Rel 6	HSDPA Subtest-1	22.1	22.04	22.06	22.5
	HSDPA Subtest-2	22.07	21.98	21.98	22.5
	HSDPA Subtest-3	21.3	21.39	21.51	22
	HSDPA Subtest-4	21.47	21.58	21.39	22
3GPP Rel 8	DC-HSDPA Subtest-1	21.92	21.86	21.83	22.5
	DC-HSDPA Subtest-2	21.8	21.87	21.9	22.5
	DC-HSDPA Subtest-3	21.39	21.55	21.43	22
	DC-HSDPA Subtest-4	21.4	21.47	21.51	22
3GPP Rel 6	HSUPA Subtest-1	21.98	22.03	22.06	22.5
	HSUPA Subtest-2	19.96	20.17	19.89	20.5
	HSUPA Subtest-3	20.98	20.87	20.81	21.5
	HSUPA Subtest-4	20.01	20.17	19.91	20.5
	HSUPA Subtest-5	21.83	21.89	21.85	22.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.58	19.51	20

<WCDMA>

Band		WCDMA IV_Ant4_DSI4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.23	22.29	22.2	23
	RMC 12.2Kbps	22.38	22.51	22.46	23
3GPP Rel 6	HSDPA Subtest-1	21.28	21.53	21.49	22
	HSDPA Subtest-2	21.51	21.5	21.51	22
	HSDPA Subtest-3	21.06	20.92	21.07	21.5
	HSDPA Subtest-4	21.06	21.06	20.85	21.5
3GPP Rel 8	DC-HSDPA Subtest-1	21.56	21.41	21.62	22
	DC-HSDPA Subtest-2	21.38	21.6	21.36	22
	DC-HSDPA Subtest-3	21.01	20.91	20.84	21.5
	DC-HSDPA Subtest-4	20.95	20.92	21.02	21.5
3GPP Rel 6	HSUPA Subtest-1	21.47	21.45	21.55	22
	HSUPA Subtest-2	19.28	19.57	19.55	20
	HSUPA Subtest-3	20.29	20.48	20.58	21
	HSUPA Subtest-4	19.34	19.36	19.4	20
	HSUPA Subtest-5	21.57	21.39	21.5	22
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.82	18.92	18.93	19.5

<WCDMA>

Band		WCDMA II_Ant5_DSI4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.43	20.5	20.47	21
	RMC 12.2Kbps	20.47	20.57	20.44	21
3GPP Rel 6	HSDPA Subtest-1	19.49	19.52	19.54	20
	HSDPA Subtest-2	19.53	19.62	19.53	20
	HSDPA Subtest-3	18.98	19.02	19.06	19.5
	HSDPA Subtest-4	19.07	19.24	18.89	19.5
3GPP Rel 8	DC-HSDPA Subtest-1	19.61	19.61	19.38	20
	DC-HSDPA Subtest-2	19.59	19.64	19.46	20
	DC-HSDPA Subtest-3	19.05	19.13	18.94	19.5
	DC-HSDPA Subtest-4	19.06	19.16	19.08	19.5
3GPP Rel 6	HSUPA Subtest-1	19.37	19.62	19.52	20
	HSUPA Subtest-2	17.46	17.49	17.6	18
	HSUPA Subtest-3	18.45	18.53	18.62	19
	HSUPA Subtest-4	17.44	17.59	17.49	18
	HSUPA Subtest-5	19.38	19.6	19.39	20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.15	16.99	17.06	17.5

<WCDMA>

Band		WCDMA IV_Ant5_DSI4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.74	19.67	19.69	20.5
	RMC 12.2Kbps	19.71	19.83	19.81	20.5
3GPP Rel 6	HSDPA Subtest-1	18.8	18.68	18.92	19.5
	HSDPA Subtest-2	18.72	18.9	18.67	19.5
	HSDPA Subtest-3	18.19	18.24	18.29	19
	HSDPA Subtest-4	18.13	18.37	18.21	19
3GPP Rel 8	DC-HSDPA Subtest-1	18.84	18.89	18.65	19.5
	DC-HSDPA Subtest-2	18.83	18.83	18.85	19.5
	DC-HSDPA Subtest-3	18.1	18.22	18.38	19
	DC-HSDPA Subtest-4	18.15	18.45	18.32	19
3GPP Rel 6	HSUPA Subtest-1	18.78	18.81	18.68	19.5
	HSUPA Subtest-2	16.81	16.89	16.78	17.5
	HSUPA Subtest-3	17.93	17.87	17.71	18.5
	HSUPA Subtest-4	16.86	16.84	16.8	17.5
	HSUPA Subtest-5	18.75	18.8	18.74	19.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.23	16.33	16.32	17

<WCDMA>

Band		WCDMA V_Ant0_DSI5			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.32	24.08	25
	RMC 12.2Kbps	24.33	24.37	24.29	25
3GPP Rel 6	HSDPA Subtest-1	23.2	23.46	23.16	24
	HSDPA Subtest-2	23.03	23.25	22.93	24
	HSDPA Subtest-3	22.68	22.96	22.71	23.5
	HSDPA Subtest-4	22.73	22.97	22.62	23.5
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.47	23.12	24
	DC-HSDPA Subtest-2	23.26	23.45	23.14	24
	DC-HSDPA Subtest-3	22.69	22.97	22.61	23.5
	DC-HSDPA Subtest-4	22.61	22.91	22.63	23.5
3GPP Rel 6	HSUPA Subtest-1	23.16	23.34	23.07	24
	HSUPA Subtest-2	21.21	21.48	21.26	22
	HSUPA Subtest-3	22.18	22.42	22.13	23
	HSUPA Subtest-4	21.06	21.32	21.07	22
	HSUPA Subtest-5	22.97	23.26	23.02	24
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.7	20.94	20.71	21.5

<WCDMA>

Band		WCDMA V_Arf1_DSI5			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.08	21.09	21.1	22
	RMC 12.2Kbps	21.07	21.17	20.97	22
3GPP Rel 6	HSDPA Subtest-1	20.08	20.1	19.99	21
	HSDPA Subtest-2	20.13	20.28	20.11	21
	HSDPA Subtest-3	19.67	19.76	19.64	20.5
	HSDPA Subtest-4	19.54	19.66	19.57	20.5
3GPP Rel 8	DC-HSDPA Subtest-1	20.02	20.11	20.03	21
	DC-HSDPA Subtest-2	19.99	20.07	19.98	21
	DC-HSDPA Subtest-3	19.7	19.81	19.54	20.5
	DC-HSDPA Subtest-4	19.61	19.71	19.51	20.5
3GPP Rel 6	HSUPA Subtest-1	20.12	20.24	20.2	21
	HSUPA Subtest-2	18.2	18.29	18.26	19
	HSUPA Subtest-3	18.97	19.07	18.9	20
	HSUPA Subtest-4	18.1	18.15	18.03	19
	HSUPA Subtest-5	20.16	20.33	20.26	21
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.77	17.72	17.73	18.5

<WCDMA>

Band		WCDMA II_Ant4_DSI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.45	17.43	17.45	18
	RMC 12.2Kbps	17.39	17.56	17.48	18
3GPP Rel 6	HSDPA Subtest-1	16.61	16.6	16.56	17
	HSDPA Subtest-2	16.51	16.46	16.49	17
	HSDPA Subtest-3	15.87	15.95	16.02	16.5
	HSDPA Subtest-4	15.9	16.12	15.86	16.5
3GPP Rel 8	DC-HSDPA Subtest-1	16.37	16.44	16.37	17
	DC-HSDPA Subtest-2	16.35	16.39	16.43	17
	DC-HSDPA Subtest-3	15.89	16.08	15.94	16.5
	DC-HSDPA Subtest-4	15.93	15.96	16.05	16.5
3GPP Rel 6	HSUPA Subtest-1	16.54	16.5	16.57	17
	HSUPA Subtest-2	14.38	14.55	14.45	15
	HSUPA Subtest-3	15.39	15.45	15.32	16
	HSUPA Subtest-4	14.5	14.64	14.44	15
	HSUPA Subtest-5	16.34	16.37	16.45	17
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.85	14.03	13.99	14.5

<WCDMA>

Band		WCDMA IV_Ant4_DSI5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.19	17.39	17.31	18
	RMC 12.2Kbps	17.45	17.53	17.47	18
3GPP Rel 6	HSDPA Subtest-1	16.35	16.54	16.5	17
	HSDPA Subtest-2	16.53	16.48	16.58	17
	HSDPA Subtest-3	16	15.89	16.06	16.5
	HSDPA Subtest-4	15.98	16.05	15.83	16.5
3GPP Rel 8	DC-HSDPA Subtest-1	16.51	16.36	16.6	17
	DC-HSDPA Subtest-2	16.37	16.59	16.39	17
	DC-HSDPA Subtest-3	16.01	15.91	15.83	16.5
	DC-HSDPA Subtest-4	15.93	15.97	15.97	16.5
3GPP Rel 6	HSUPA Subtest-1	16.44	16.47	16.57	17
	HSUPA Subtest-2	14.36	14.62	14.56	15
	HSUPA Subtest-3	15.34	15.56	15.53	16
	HSUPA Subtest-4	14.39	14.35	14.46	15
	HSUPA Subtest-5	16.52	16.4	16.48	17
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.86	13.94	13.95	14.5

<WCDMA>

Band		WCDMA II_Ant5_DSI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.96	17.95	17.9	18.5
	RMC 12.2Kbps	18.04	18.04	17.95	18.5
3GPP Rel 6	HSDPA Subtest-1	17.09	17.07	17.03	17.5
	HSDPA Subtest-2	16.96	17.11	16.93	17.5
	HSDPA Subtest-3	16.43	16.55	16.62	17
	HSDPA Subtest-4	16.6	16.7	16.34	17
3GPP Rel 8	DC-HSDPA Subtest-1	17.13	17.1	16.94	17.5
	DC-HSDPA Subtest-2	17.1	17.12	16.98	17.5
	DC-HSDPA Subtest-3	16.67	16.68	16.36	17
	DC-HSDPA Subtest-4	16.66	16.59	16.58	17
3GPP Rel 6	HSUPA Subtest-1	16.94	17.09	16.98	17.5
	HSUPA Subtest-2	15	14.96	15.05	15.5
	HSUPA Subtest-3	15.98	16.05	16.12	16.5
	HSUPA Subtest-4	14.88	15.17	15.01	15.5
	HSUPA Subtest-5	16.93	17.09	16.94	17.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.57	14.52	14.63	15

<WCDMA>

Band		WCDMA IV_Ant5_DSI5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.67	16.79	16.73	17.5
	RMC 12.2Kbps	16.8	16.85	16.78	17.5
3GPP Rel 6	HSDPA Subtest-1	15.7	15.66	15.86	16.5
	HSDPA Subtest-2	15.78	15.98	15.64	16.5
	HSDPA Subtest-3	15.27	15.14	15.31	16
	HSDPA Subtest-4	15.21	15.4	15.2	16
3GPP Rel 8	DC-HSDPA Subtest-1	15.82	15.85	15.62	16.5
	DC-HSDPA Subtest-2	15.77	15.87	15.84	16.5
	DC-HSDPA Subtest-3	15.16	15.22	15.37	16
	DC-HSDPA Subtest-4	15.15	15.46	15.31	16
3GPP Rel 6	HSUPA Subtest-1	15.84	15.76	15.73	16.5
	HSUPA Subtest-2	13.72	13.91	13.75	14.5
	HSUPA Subtest-3	14.86	14.84	14.73	15.5
	HSUPA Subtest-4	13.75	13.83	13.7	14.5
	HSUPA Subtest-5	15.79	15.82	15.73	16.5
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.23	13.34	13.39	14

<LTE Band 5_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.55	25.10	24.66	25.7
10		1	25	24.53	25.04	24.66	25.7
10		1	49	24.58	24.81	24.52	25.7
10		25	0	23.59	23.94	23.56	24.7
10		25	12	23.36	23.92	23.34	24.7
10		25	25	23.35	23.86	23.5	24.7
10		50	0	23.44	23.71	23.41	24.7
10	16QAM	1	0	23.02	24.10	23.8	24.7
10		1	25	23.77	24.01	23.69	24.7
10		1	49	23.81	24.05	23.7	24.7
10		25	0	22.66	22.97	22.7	23.7
10		25	12	22.6	22.98	22.72	23.7
10		25	25	22.64	22.86	22.5	23.7
10		50	0	22.73	22.9	22.63	23.7
10	64QAM	1	0	24.02	24.23	23.95	24.7
10		1	25	23.99	24.24	23.91	24.7
10		1	49	23.75	24.06	23.89	24.7
10		25	0	22.64	22.87	22.62	23.7
10		25	12	22.48	22.7	22.35	23.7
10		25	25	22.64	22.83	22.46	23.7
10		50	0	22.45	22.75	22.37	23.7
10	256QAM	1	0	19.79	19.96	19.71	20.7
10		1	25	19.76	19.92	19.57	20.7
10		1	49	19.67	19.84	19.53	20.7
10		25	0	19.72	19.87	19.58	20.7
10		25	12	19.7	19.86	19.52	20.7
10		25	25	19.68	19.83	19.51	20.7
10		50	0	19.76	19.91	19.58	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.65	24.89	24.76	25.7
5		1	12	24.78	24.99	24.58	25.7
5		1	24	24.53	24.78	24.41	25.7
5		12	0	23.48	23.74	23.45	24.7
5		12	7	23.31	23.55	23.31	24.7
5		12	13	23.64	23.72	23.39	24.7
5		25	0	23.4	23.64	23.39	24.7
5	16QAM	1	0	23.81	24.12	23.77	24.7
5		1	12	23.74	23.98	23.58	24.7
5		1	24	23.68	23.93	23.61	24.7
5		12	0	22.6	22.95	22.61	23.7
5		12	7	22.71	22.91	22.58	23.7
5		12	13	22.59	22.86	22.36	23.7
5		25	0	22.66	22.75	22.55	23.7
5	64QAM	1	0	23.95	24.15	23.87	24.7
5		1	12	23.85	24.15	23.76	24.7
5		1	24	23.61	24.04	23.61	24.7
5		12	0	22.55	22.79	22.6	23.7
5		12	7	22.41	22.69	22.3	23.7
5		12	13	22.54	22.71	22.45	23.7
5		25	0	22.37	22.73	22.31	23.7
5	256QAM	1	0	19.73	19.92	19.58	20.7
5		1	12	19.7	19.83	19.46	20.7
5		1	24	19.52	19.73	19.5	20.7
5		12	0	19.67	19.77	19.55	20.7
5		12	7	19.68	19.72	19.45	20.7
5		12	13	19.55	19.79	19.43	20.7
5		25	0	19.69	19.84	19.46	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.91	25.08	24.75	25.7
3		1	8	24.79	24.93	24.52	25.7
3		1	14	24.56	24.72	24.42	25.7
3		8	0	23.45	23.74	23.46	24.7
3		8	4	23.31	23.52	23.31	24.7
3		8	7	23.53	23.75	23.4	24.7
3		15	0	23.32	23.59	23.38	24.7
3	16QAM	1	0	23.78	24.07	23.72	24.7
3		1	8	23.63	23.92	23.57	24.7
3		1	14	23.67	23.94	23.57	24.7
3		8	0	22.57	22.84	22.6	23.7
3		8	4	22.73	22.85	22.59	23.7
3		8	7	22.52	22.83	22.36	23.7
3		15	0	22.66	22.76	22.53	23.7
3	64QAM	1	0	24	24.12	23.94	24.7
3		1	8	23.87	24.19	23.78	24.7
3		1	14	23.73	23.96	23.66	24.7
3		8	0	22.52	22.76	22.58	23.7
3		8	4	22.38	22.55	22.33	23.7
3		8	7	22.62	22.79	22.31	23.7
3		15	0	22.44	22.62	22.33	23.7
3	256QAM	1	0	19.71	19.86	19.58	20.7
3		1	8	19.7	19.87	19.45	20.7
3		1	14	19.61	19.78	19.49	20.7
3		8	0	19.58	19.84	19.55	20.7
3		8	4	19.66	19.81	19.41	20.7
3		8	7	19.63	19.77	19.39	20.7
3		15	0	19.63	19.82	19.57	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.62	25.02	24.76	25.7
1.4		1	3	24.7	24.92	24.52	25.7
1.4		1	5	24.46	24.74	24.45	25.7
1.4		3	0	24.47	24.71	24.41	25.7
1.4		3	1	24.31	24.54	24.32	25.7
1.4		3	3	24.61	24.8	24.44	25.7
1.4		6	0	23.38	23.69	23.32	24.7
1.4	16QAM	1	0	23.85	24.01	23.77	24.7
1.4		1	3	23.72	23.99	23.67	24.7
1.4		1	5	23.75	24.02	23.58	24.7
1.4		3	0	23.61	23.89	23.65	24.7
1.4		3	1	23.66	23.97	23.67	24.7
1.4		3	3	23.52	23.73	23.36	24.7
1.4		6	0	22.64	22.8	22.56	23.7
1.4	64QAM	1	0	22.91	23.17	22.94	23.7
1.4		1	3	22.85	23.19	22.86	23.7
1.4		1	5	22.61	22.91	22.64	23.7
1.4		3	0	22.48	22.85	22.48	23.7
1.4		3	1	22.37	22.58	22.33	23.7
1.4		3	3	22.54	22.76	22.32	23.7
1.4		6	0	21.38	21.73	21.35	22.7
1.4	256QAM	1	0	19.76	19.89	19.66	20.7
1.4		1	3	19.66	19.82	19.44	20.7
1.4		1	5	19.55	19.72	19.45	20.7
1.4		3	0	19.69	19.85	19.58	20.7
1.4		3	1	19.6	19.84	19.4	20.7
1.4		3	3	19.62	19.75	19.37	20.7
1.4		6	0	19.62	19.87	19.51	20.7

<LTE Band 12_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	24.65	24.93	24.69	25.7
10		1	25	24.56	24.75	24.61	25.7
10		1	49	24.6	24.79	24.67	25.7
10		25	0	23.7	23.95	23.73	24.7
10		25	12	23.69	23.91	23.65	24.7
10		25	25	23.63	23.83	23.76	24.7
10		50	0	23.66	23.82	23.74	24.7
10	16QAM	1	0	23.79	23.98	23.85	24.7
10		1	25	23.97	24.1	23.92	24.7
10		1	49	23.88	24.06	23.96	24.7
10		25	0	22.75	22.91	22.83	23.7
10		25	12	22.71	22.91	22.84	23.7
10		25	25	22.67	22.83	22.69	23.7
10		50	0	22.79	22.88	22.72	23.7
10	64QAM	1	0	22.9	23	22.82	23.7
10		1	25	23.01	23.1	22.88	23.7
10		1	49	22.88	23.04	22.88	23.7
10		25	0	21.72	21.86	21.8	22.7
10		25	12	21.68	21.82	21.71	22.7
10		25	25	21.74	21.93	21.8	22.7
10		50	0	21.64	21.84	21.66	22.7
10	256QAM	1	0	19.47	19.68	19.61	20.7
10		1	25	19.66	19.75	19.67	20.7
10		1	49	19.61	19.68	19.53	20.7
10		25	0	19.7	19.81	19.64	20.7
10		25	12	19.7	19.86	19.79	20.7
10		25	25	19.55	19.66	19.51	20.7
10		50	0	19.61	19.71	19.53	20.7
Channel				23030	23095	23151	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	713.3	
5	QPSK	1	0	24.71	24.91	24.8	25.7
5		1	12	24.41	24.73	24.56	25.7
5		1	24	24.51	24.72	24.54	25.7
5		12	0	23.66	23.77	23.65	24.7
5		12	7	23.56	23.72	23.7	24.7
5		12	13	23.58	23.75	23.69	24.7
5		25	0	23.57	23.64	23.73	24.7
5	16QAM	1	0	23.67	23.87	23.74	24.7
5		1	12	23.67	24.01	23.62	24.7
5		1	24	23.65	24	23.63	24.7
5		12	0	22.65	22.78	22.8	23.7
5		12	7	22.59	22.89	22.8	23.7
5		12	13	22.53	22.75	22.58	23.7
5		25	0	22.7	22.83	22.61	23.7
5	64QAM	1	0	22.77	22.94	22.71	23.7
5		1	12	22.93	22.98	22.88	23.7
5		1	24	22.75	22.94	22.8	23.7
5		12	0	21.6	21.77	21.73	22.7
5		12	7	21.63	21.77	21.61	22.7
5		12	13	21.61	21.79	21.74	22.7
5		25	0	21.62	21.82	21.65	22.7
5	256QAM	1	0	19.42	19.62	19.67	20.7
5		1	12	19.63	19.72	19.59	20.7
5		1	24	19.58	19.54	19.4	20.7
5		12	0	19.63	19.71	19.61	20.7
5		12	7	19.67	19.73	19.67	20.7
5		12	13	19.42	19.59	19.42	20.7
5		25	0	19.44	19.57	19.5	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.3	707.5	714.7	
3	QPSK	1	0	24.75	24.83	24.77	25.7
3		1	8	24.47	24.73	24.52	25.7
3		1	14	24.5	24.69	24.53	25.7
3		8	0	23.65	23.83	23.82	24.7
3		8	4	23.57	23.64	23.67	24.7
3		8	7	23.48	23.68	23.71	24.7
3		15	0	23.55	23.79	23.68	24.7
3	16QAM	1	0	23.7	23.94	23.73	24.7
3		1	8	23.53	23.96	23.66	24.7
3		1	14	23.66	23.93	23.91	24.7
3		8	0	22.61	22.78	22.76	23.7
3		8	4	22.64	22.82	22.79	23.7
3		8	7	22.45	22.69	22.55	23.7
3		15	0	22.74	22.75	22.68	23.7
3	64QAM	1	0	22.85	22.96	22.77	23.7
3		1	8	22.96	23.1	22.96	23.7
3		1	14	22.8	22.95	22.78	23.7
3		8	0	21.73	21.75	21.76	22.7
3		8	4	21.6	21.71	21.59	22.7
3		8	7	21.65	21.86	21.68	22.7
3		15	0	21.63	21.73	21.61	22.7
3	256QAM	1	0	19.37	19.56	19.58	20.7
3		1	8	19.58	19.67	19.53	20.7
3		1	14	19.57	19.64	19.47	20.7
3		8	0	19.63	19.66	19.58	20.7
3		8	4	19.67	19.72	19.7	20.7
3		8	7	19.44	19.52	19.41	20.7
3		15	0	19.49	19.66	19.47	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.81	24.85	24.8	25.7
1.4		1	3	24.5	24.67	24.57	25.7
1.4		1	5	24.52	24.69	24.61	25.7
1.4		3	0	24.61	24.82	24.58	25.7
1.4		3	1	24.63	24.67	24.59	25.7
1.4		3	3	24.48	24.74	24.63	25.7
1.4		6	0	23.63	23.84	23.66	24.7
1.4	16QAM	1	0	23.66	23.87	23.81	24.7
1.4		1	3	23.67	24.02	23.79	24.7
1.4		1	5	23.76	24.03	23.84	24.7
1.4		3	0	23.64	23.88	23.79	24.7
1.4		3	1	23.65	23.86	23.7	24.7
1.4		3	3	23.59	23.77	23.58	24.7
1.4		6	0	22.75	22.79	22.7	23.7
1.4	64QAM	1	0	22.83	22.97	22.66	23.7
1.4		1	3	22.89	23.02	22.89	23.7
1.4		1	5	22.77	23.02	22.78	23.7
1.4		3	0	22.66	22.82	22.73	23.7
1.4		3	1	22.64	22.76	22.57	23.7
1.4		3	3	22.65	22.79	22.76	23.7
1.4		6	0	21.58	21.71	21.58	22.7
1.4	256QAM	1	0	19.72	19.62	19.59	20.7
1.4		1	3	19.63	19.72	19.58	20.7
1.4		1	5	19.47	19.55	19.46	20.7
1.4		3	0	19.59	19.7	19.62	20.7
1.4		3	1	19.69	19.76	19.78	20.7
1.4		3	3	19.49	19.6	19.43	20.7
1.4		6	0	19.42	19.58	19.44	20.7

<LTE Band 13_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.7
10		1	25		24.96		25.7
10		1	49		24.98		25.7
10		25	0		24.12		24.7
10		25	12		24.1		24.7
10		25	25		23.98		24.7
10		50	0		23.98		24.7
10	16QAM	1	0		23.99		24.7
10		1	25		24.04		24.7
10		1	49		24.13		24.7
10		25	0		23.01		23.7
10		25	12		23.06		23.7
10		25	25		23.06		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.05		23.7
10		1	25		23.08		23.7
10		1	49		23.09		23.7
10		25	0		21.98		22.7
10		25	12		22.17		22.7
10		25	25		22.01		22.7
10		50	0		22.08		22.7
10	256QAM	1	0		19.95		20.7
10		1	25		19.93		20.7
10		1	49		19.95		20.7
10		25	0		20.04		20.7
10		25	12		20.14		20.7
10		25	25		20.16		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0		24.87	24.88	24.81	25.7
5		1	12		24.68	24.82	24.72	25.7
5		1	24		24.74	24.9	24.81	25.7
5		12	0		23.69	23.77	23.56	24.7
5		12	7		23.66	24.02	23.84	24.7
5		12	13		23.77	23.91	23.78	24.7
5		25	0		23.72	23.76	23.55	24.7
5	16QAM	1	0		23.65	23.87	23.68	24.7
5		1	12		23.68	23.92	23.78	24.7
5		1	24		23.67	24.09	23.98	24.7
5		12	0		22.78	22.88	22.77	23.7
5		12	7		23.02	23.06	22.93	23.7
5		12	13		23.07	22.99	22.9	23.7
5		25	0		22.77	22.88	22.7	23.7
5	64QAM	1	0		22.71	22.82	22.75	23.7
5		1	12		22.82	22.89	22.77	23.7
5		1	24		23.01	23.03	22.91	23.7
5		12	0		21.81	21.82	21.75	22.7
5		12	7		21.91	22.06	21.96	22.7
5		12	13		21.8	21.94	21.84	22.7
5		25	0		21.91	22.03	21.91	22.7
5	256QAM	1	0		19.79	19.88	19.77	20.7
5		1	12		19.79	19.85	19.77	20.7
5		1	24		19.81	19.75	19.88	20.7
5		12	0		19.76	19.89	19.8	20.7
5		12	7		19.99	20.02	19.89	20.7
5		12	13		19.84	19.97	19.85	20.7
5		25	0		20.06	20.09	19.95	20.7

<LTE Band 17_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.78	24.56	24.66	25.7
10		1	25	24.55	24.37	24.44	25.7
10		1	49	24.57	24.6	24.58	25.7
10		25	0	23.57	23.46	23.68	24.7
10		25	12	23.67	23.52	23.75	24.7
10		25	25	23.64	23.89	23.76	24.7
10		50	0	23.68	23.4	23.7	24.7
10	16QAM	1	0	23.68	24.13	24.02	24.7
10		1	25	23.79	24.04	23.9	24.7
10		1	49	24.08	24.31	24.11	24.7
10		25	0	22.72	23	22.78	23.7
10		25	12	22.64	22.95	22.72	23.7
10		25	25	22.75	23	22.83	23.7
10		50	0	22.68	22.95	22.83	23.7
10	64QAM	1	0	22.7	23.02	22.87	23.7
10		1	25	22.8	23.01	22.91	23.7
10		1	49	22.8	23.1	22.93	23.7
10		25	0	21.8	21.92	21.81	22.7
10		25	12	21.67	21.87	21.77	22.7
10		25	25	21.77	21.99	21.75	22.7
10		50	0	21.66	21.88	21.77	22.7
10	256QAM	1	0	19.7	19.91	19.82	20.7
10		1	25	19.64	19.85	19.73	20.7
10		1	49	19.47	19.75	19.8	20.7
10		25	0	19.61	19.89	19.7	20.7
10		25	12	19.77	20.02	19.93	20.7
10		25	25	19.7	19.97	19.88	20.7
10		50	0	19.67	20.08	19.86	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.64	24.9	24.72	25.7
5		1	12	24.52	24.74	24.54	25.7
5		1	24	24.49	24.67	24.45	25.7
5		12	0	23.52	23.79	23.67	24.7
5		12	7	23.62	23.82	23.6	24.7
5		12	13	23.52	23.68	23.7	24.7
5		25	0	23.66	23.81	23.58	24.7
5	16QAM	1	0	23.64	23.98	23.66	24.7
5		1	12	23.62	23.95	23.68	24.7
5		1	24	24.04	24.17	24.09	24.7
5		12	0	22.68	22.96	22.71	23.7
5		12	7	22.58	22.93	22.61	23.7
5		12	13	22.63	22.96	22.79	23.7
5		25	0	22.65	22.87	22.73	23.7
5	64QAM	1	0	22.57	22.88	22.84	23.7
5		1	12	22.73	22.96	22.87	23.7
5		1	24	22.72	23.02	22.85	23.7
5		12	0	21.45	21.69	21.77	22.7
5		12	7	21.62	21.82	21.63	22.7
5		12	13	21.71	21.95	21.64	22.7
5		25	0	21.51	21.81	21.62	22.7
5	256QAM	1	0	19.65	19.86	19.76	20.7
5		1	12	19.61	19.71	19.63	20.7
5		1	24	19.4	19.68	19.56	20.7
5		12	0	19.47	19.67	19.56	20.7
5		12	7	19.73	19.96	19.92	20.7
5		12	13	19.68	19.94	19.74	20.7
5		25	0	19.76	19.99	19.91	20.7

<LTE Band 26_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.49	24.55	24.45	25.7
15		1	37	24.78	24.89	24.67	25.7
15		1	74	24.67	24.94	24.78	25.7
15		36	0	24.04	24.14	24.02	24.7
15		36	20	23.81	23.95	23.83	24.7
15		36	39	23.91	24.01	23.86	24.7
15		75	0	23.94	24.11	23.97	24.7
15	16QAM	1	0	23.66	24.01	23.84	24.7
15		1	37	24.03	24.13	24.01	24.7
15		1	74	23.97	24.16	23.95	24.7
15		36	0	22.89	23.05	22.89	23.7
15		36	20	22.96	23.03	22.89	23.7
15		36	39	23.69	23.09	23.67	23.7
15		75	0	22.83	22.94	22.79	23.7
15	64QAM	1	0	22.93	23.07	22.88	23.7
15		1	37	22.77	22.98	22.69	23.7
15		1	74	22.89	22.98	22.79	23.7
15		36	0	21.83	21.98	21.77	22.7
15		36	20	21.82	21.9	21.67	22.7
15		36	39	21.82	21.96	21.76	22.7
15		75	0	21.88	22.07	21.93	22.7
15	256QAM	1	0	19.65	20	19.91	20.7
15		1	37	19.59	20.09	19.95	20.7
15		1	74	19.92	20.07	19.93	20.7
15		36	0	20.01	20.09	19.92	20.7
15		36	20	19.87	20.03	19.88	20.7
15		36	39	20.06	20.17	20.09	20.7
15		75	0	19.98	20.13	19.97	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.78	24.85	24.78	25.7
10		1	25	24.69	24.75	24.58	25.7
10		1	49	24.75	24.92	24.75	25.7
10		25	0	23.99	24.05	23.94	24.7
10		25	12	23.77	23.89	23.81	24.7
10		25	25	23.77	23.99	23.73	24.7
10		50	0	23.89	23.98	23.77	24.7
10	16QAM	1	0	23.74	23.96	23.74	24.7
10		1	25	23.9	24.04	23.89	24.7
10		1	49	23.91	24.05	23.91	24.7
10		25	0	22.84	22.96	22.79	23.7
10		25	12	22.92	22.96	22.78	23.7
10		25	25	22.74	23.03	22.81	23.7
10		50	0	22.7	22.9	22.69	23.7
10	64QAM	1	0	22.84	23.03	22.77	23.7
10		1	25	22.87	22.84	22.77	23.7
10		1	49	22.86	22.9	22.75	23.7
10		25	0	21.82	21.97	21.65	22.7
10		25	12	21.72	21.86	21.58	22.7
10		25	25	21.73	21.87	21.72	22.7
10		50	0	21.87	22.01	21.91	22.7
10	256QAM	1	0	19.78	19.88	19.73	20.7
10		1	25	19.84	19.99	19.8	20.7
10		1	49	19.86	19.97	19.84	20.7
10		25	0	19.92	19.96	19.85	20.7
10		25	12	19.72	19.9	19.82	20.7
10		25	25	19.93	20.06	20.04	20.7
10		50	0	19.84	20.09	19.92	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.75	24.82	24.77	25.7
5		1	12	24.75	24.83	24.59	25.7
5		1	24	24.73	24.87	24.77	25.7
5		12	0	23.69	24.06	23.9	24.7
5		12	7	23.69	23.8	23.76	24.7
5		12	13	23.81	23.97	23.75	24.7
5		25	0	23.65	24.08	23.83	24.7
5	16QAM	1	0	23.78	23.87	23.69	24.7
5		1	12	23.92	24.03	23.94	24.7
5		1	24	23.66	24.12	23.93	24.7
5		12	0	22.65	22.94	22.79	23.7
5		12	7	22.93	22.91	22.96	23.7
5		12	13	22.75	23	22.84	23.7
5		25	0	22.71	22.88	22.67	23.7
5	64QAM	1	0	22.89	23.03	22.76	23.7
5		1	12	22.74	22.92	22.89	23.7
5		1	24	22.86	22.95	22.65	23.7
5		12	0	21.61	21.9	21.7	22.7
5		12	7	21.68	21.79	21.58	22.7
5		12	13	21.71	21.91	21.65	22.7
5		25	0	21.79	21.95	21.94	22.7
5	256QAM	1	0	19.78	19.88	19.76	20.7
5		1	12	19.84	19.97	19.82	20.7
5		1	24	19.66	20.04	19.94	20.7
5		12	0	19.9	19.89	19.88	20.7
5		12	7	19.77	19.96	19.81	20.7
5		12	13	19.56	20.13	20.01	20.7
5		25	0	19.65	20.09	19.92	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	847.5	
3	QPSK	1	0	24.74	24.88	24.76	25.7
3		1	8	24.7	24.82	24.63	25.7
3		1	14	24.75	24.88	24.66	25.7
3		8	0	23.67	24.12	23.89	24.7
3		8	4	23.7	23.83	23.76	24.7
3		8	7	23.62	23.91	23.75	24.7
3		15	0	23.61	24.1	23.82	24.7
3	16QAM	1	0	23.75	23.88	23.73	24.7
3		1	8	23.9	24.12	23.87	24.7
3		1	14	23.84	24.11	23.83	24.7
3		8	0	22.8	22.93	22.72	23.7
3		8	4	23.63	22.93	22.76	23.7
3		8	7	22.75	23.03	22.89	23.7
3		15	0	22.76	22.8	22.76	23.7
3	64QAM	1	0	23.63	23.06	22.77	23.7
3		1	8	22.65	22.92	22.7	23.7
3		1	14	22.76	22.91	22.65	23.7
3		8	0	21.6	21.91	21.66	22.7
3		8	4	21.79	21.84	21.67	22.7
3		8	7	21.78	21.9	21.62	22.7
3		15	0	21.66	21.85	21.85	22.7
3	256QAM	1	0	19.62	19.88	19.75	20.7
3		1	8	19.67	20.07	19.9	20.7
3		1	14	19.78	19.96	19.86	20.7
3		8	0	20	20.03	19.93	20.7
3		8	4	19.72	19.92	19.8	20.7
3		8	7	20.01	20.04	19.96	20.7
3		15	0	19.88	20.11	19.91	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.79	24.88	24.76	25.7
1.4		1	3	24.75	24.75	24.61	25.7
1.4		1	5	24.75	24.82	24.7	25.7
1.4		3	0	24.95	25	24.89	25.7
1.4		3	1	24.77	24.91	24.69	25.7
1.4		3	3	24.83	24.94	24.76	25.7
1.4		6	0	23.89	24.05	23.9	24.7
1.4	16QAM	1	0	23.79	23.94	23.75	24.7
1.4		1	3	23.98	24.09	23.87	24.7
1.4		1	5	23.83	24.1	23.87	24.7
1.4		3	0	23.75	23.92	23.74	24.7
1.4		3	1	23.92	24	23.79	24.7
1.4		3	3	23.84	24.05	23.75	24.7
1.4		6	0	22.74	22.88	22.71	23.7
1.4	64QAM	1	0	22.89	22.92	22.76	23.7
1.4		1	3	22.68	22.94	22.69	23.7
1.4		1	5	22.87	22.85	22.71	23.7
1.4		3	0	22.74	22.89	22.71	23.7
1.4		3	1	22.78	22.87	22.54	23.7
1.4		3	3	22.87	22.84	22.65	23.7
1.4		6	0	21.76	22.03	21.78	22.7
1.4	256QAM	1	0	19.78	19.95	19.69	20.7
1.4		1	3	19.87	19.93	19.89	20.7
1.4		1	5	19.82	20.03	19.91	20.7
1.4		3	0	19.95	20.01	19.77	20.7
1.4		3	1	19.79	19.94	19.85	20.7
1.4		3	3	19.97	20.05	20.01	20.7
1.4		6	0	19.91	20.03	19.85	20.7

<LTE Band 71_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133022	133297	133572	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.73	25.07	24.93	25.7
20		1	49	24.53	24.97	24.76	25.7
20		1	99	24.3	24.73	24.43	25.7
20		50	0	23.75	24.1	23.94	24.7
20		50	24	23.6	23.96	23.77	24.7
20		50	50	23.59	23.95	23.72	24.7
20		100	0	23.62	24.02	23.79	24.7
20	16QAM	1	0	23.62	24.21	23.95	24.7
20		1	49	23.74	24.15	23.9	24.7
20		1	99	23.71	24.16	23.91	24.7
20		50	0	22.75	23.08	22.83	23.7
20		50	24	22.68	23.03	22.75	23.7
20		50	50	22.61	23.01	22.82	23.7
20	64QAM	100	0	22.69	23.09	22.91	23.7
20		1	0	22.97	23.35	23.16	23.7
20		1	49	22.74	23.13	22.87	23.7
20		1	99	22.62	22.95	22.79	23.7
20		50	0	21.68	22.04	21.8	22.7
20		50	24	21.77	22.12	21.96	22.7
20		50	50	21.6	21.92	21.78	22.7
20		100	0	21.64	22.05	21.81	22.7
20	256QAM	1	0	19.68	20.05	19.88	20.7
20		1	49	19.67	20	19.84	20.7
20		1	99	19.63	19.96	19.8	20.7
20		50	0	19.67	19.96	19.77	20.7
20		50	24	19.75	20.14	19.93	20.7
20		50	50	19.76	20.12	19.96	20.7
20		100	0	19.84	20.01	19.88	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.67	24.96	24.9	25.7
15		1	37	24.41	24.92	24.7	25.7
15		1	74	24.32	24.71	24.33	25.7
15		36	0	23.64	24	23.81	24.7
15		36	20	23.51	23.87	23.72	24.7
15		36	39	23.45	23.89	23.61	24.7
15		75	0	23.39	23.91	23.71	24.7
15	16QAM	1	0	23.77	24.2	23.87	24.7
15		1	37	23.62	24.01	23.77	24.7
15		1	74	23.62	24.04	23.82	24.7
15		36	0	22.67	23.02	22.79	23.7
15		36	20	22.59	22.94	22.82	23.7
15		36	39	22.47	22.86	22.54	23.7
15		75	0	22.62	23.02	22.88	23.7
15	64QAM	1	0	22.56	23.31	23.05	23.7
15		1	37	22.66	23.07	22.8	23.7
15		1	74	22.48	22.87	22.74	23.7
15		36	0	21.64	21.91	21.68	22.7
15		36	20	21.75	22.08	21.94	22.7
15		36	39	21.64	21.9	21.72	22.7
15		75	0	21.6	21.94	21.71	22.7
15	256QAM	1	0	19.62	19.92	19.76	20.7
15		1	37	19.65	19.91	19.76	20.7
15		1	74	19.54	19.86	19.75	20.7
15		36	0	19.51	19.93	19.82	20.7
15		36	20	19.73	20.04	19.91	20.7
15		36	39	19.73	20.02	19.93	20.7
15		75	0	19.62	19.88	19.79	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				669	680.5	692	
10	QPSK	1	0	24.64	24.96	24.8	25.7
10		1	25	24.47	24.89	24.7	25.7
10		1	49	24.3	24.85	24.38	25.7
10		25	0	23.64	23.96	23.86	24.7
10		25	12	23.57	23.84	23.73	24.7
10		25	25	23.53	23.86	23.65	24.7
10		50	0	23.52	23.9	23.63	24.7
10	16QAM	1	0	23.78	24.18	23.93	24.7
10		1	25	23.71	24.11	23.77	24.7
10		1	49	23.62	24.06	23.79	24.7
10		25	0	22.61	22.95	22.7	23.7
10		25	12	22.63	23.01	22.6	23.7
10		25	25	22.58	22.92	22.67	23.7
10		50	0	22.58	23	22.69	23.7
10	64QAM	1	0	22.65	23.31	23.01	23.7
10		1	25	22.68	23.09	22.79	23.7
10		1	49	22.58	22.91	22.68	23.7
10		25	0	21.54	21.95	21.77	22.7
10		25	12	21.62	22.03	21.82	22.7
10		25	25	21.54	21.87	21.75	22.7
10		50	0	21.53	21.93	21.67	22.7
10	256QAM	1	0	19.63	19.9	19.77	20.7
10		1	25	19.65	19.94	19.81	20.7
10		1	49	19.55	19.95	19.72	20.7
10		25	0	19.43	19.82	19.7	20.7
10		25	12	19.61	20.03	19.84	20.7
10		25	25	19.65	20.02	19.9	20.7
10		50	0	19.44	19.88	19.82	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.72	24.98	24.85	25.7
5		1	12	24.5	24.84	24.66	25.7
5		1	24	24.31	24.7	24.36	25.7
5		12	0	23.62	24.02	23.92	24.7
5		12	7	23.48	23.88	23.63	24.7
5		12	13	23.44	23.92	23.69	24.7
5		25	0	23.58	24.03	23.86	24.7
5	16QAM	1	0	23.69	24.09	23.86	24.7
5		1	12	23.66	24.09	23.76	24.7
5		1	24	23.6	24.16	23.79	24.7
5		12	0	22.67	23.06	22.75	23.7
5		12	7	22.6	23.02	22.72	23.7
5		12	13	22.39	22.77	22.5	23.7
5		25	0	22.67	23	22.84	23.7
5	64QAM	1	0	22.66	23.05	22.68	23.7
5		1	12	22.72	23.07	22.83	23.7
5		1	24	22.6	22.91	22.64	23.7
5		12	0	21.62	21.94	21.68	22.7
5		12	7	21.67	22.08	21.86	22.7
5		12	13	21.52	21.88	21.65	22.7
5		25	0	21.54	21.97	21.72	22.7
5	256QAM	1	0	19.58	19.94	19.86	20.7
5		1	12	19.53	19.95	19.82	20.7
5		1	24	19.39	19.92	19.74	20.7
5		12	0	19.47	19.88	19.75	20.7
5		12	7	19.62	20.01	19.85	20.7
5		12	13	19.7	20.07	19.88	20.7
5		25	0	19.44	19.94	19.81	20.7

<LTE Band 5_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20425	20525	20625	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.66	24.65	24.69	25.7
10		1	25	24.64	24.65	24.69	25.7
10		1	49	24.49	24.69	24.57	25.7
10		25	0	23.66	23.67	23.67	24.7
10		25	12	23.59	23.66	23.64	24.7
10		25	25	23.65	23.81	23.72	24.7
10		50	0	23.64	23.79	23.66	24.7
10	16QAM	1	0	24.12	24.32	24.24	24.7
10		1	25	23.97	24.17	23.97	24.7
10		1	49	23.7	23.92	23.82	24.7
10		25	0	22.7	22.9	22.82	23.7
10		25	12	22.79	23.01	22.91	23.7
10		25	25	22.84	23.02	22.94	23.7
10		50	0	22.8	23.01	22.84	23.7
10	64QAM	1	0	22.84	23.07	23	23.7
10		1	25	23.01	23.12	22.93	23.7
10		1	49	22.8	23.03	22.83	23.7
10		25	0	21.67	21.89	21.74	22.7
10		25	12	21.95	22.04	21.92	22.7
10		25	25	21.95	21.96	21.78	22.7
10		50	0	22	22.12	22.02	22.7
10	256QAM	1	0	19.76	19.99	19.93	20.7
10		1	25	19.8	19.98	19.92	20.7
10		1	49	19.65	19.95	19.87	20.7
10		25	0	19.79	20.01	19.92	20.7
10		25	12	19.96	20.1	20.02	20.7
10		25	25	19.84	19.98	19.85	20.7
10		50	0	19.67	19.93	19.86	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.73	24.69	24.79	25.7
5		1	12	24.56	24.74	24.66	25.7
5		1	24	24.44	24.61	24.43	25.7
5		12	0	23.61	23.71	23.58	24.7
5		12	7	23.53	23.68	23.53	24.7
5		12	13	23.61	23.71	23.66	24.7
5		25	0	23.61	23.77	23.62	24.7
5	16QAM	1	0	24.02	24.32	24.13	24.7
5		1	12	23.95	24.05	23.94	24.7
5		1	24	23.59	23.88	23.7	24.7
5		12	0	22.66	22.81	22.79	23.7
5		12	7	22.68	22.86	22.81	23.7
5		12	13	22.81	22.93	22.79	23.7
5		25	0	22.81	22.98	22.81	23.7
5	64QAM	1	0	22.7	22.96	22.93	23.7
5		1	12	22.95	22.99	22.96	23.7
5		1	24	22.81	22.92	22.76	23.7
5		12	0	21.64	21.86	21.7	22.7
5		12	7	21.8	22	21.8	22.7
5		12	13	21.76	21.92	21.75	22.7
5		25	0	21.93	21.99	21.92	22.7
5	256QAM	1	0	19.75	19.9	19.8	20.7
5		1	12	19.7	19.87	19.86	20.7
5		1	24	19.76	19.9	19.74	20.7
5		12	0	19.66	19.86	19.81	20.7
5		12	7	19.63	19.95	19.91	20.7
5		12	13	19.7	19.95	19.75	20.7
5		25	0	19.65	19.74	19.65	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.8	24.8	24.81	25.7
3		1	8	24.51	24.72	24.59	25.7
3		1	14	24.41	24.64	24.52	25.7
3		8	0	23.55	23.71	23.66	24.7
3		8	4	23.56	23.66	23.56	24.7
3		8	7	23.51	23.79	23.65	24.7
3		15	0	23.5	23.64	23.56	24.7
3	16QAM	1	0	23.99	24.32	24.21	24.7
3		1	8	23.85	24.13	23.91	24.7
3		1	14	23.56	23.98	23.8	24.7
3		8	0	22.66	22.86	22.69	23.7
3		8	4	22.68	22.89	22.83	23.7
3		8	7	22.7	22.9	22.89	23.7
3		15	0	22.79	22.91	22.76	23.7
3	64QAM	1	0	22.8	22.97	22.94	23.7
3		1	8	22.98	23	22.91	23.7
3		1	14	22.86	22.91	22.79	23.7
3		8	0	21.57	21.87	21.71	22.7
3		8	4	21.82	22.01	21.77	22.7
3		8	7	21.81	21.94	21.68	22.7
3		15	0	21.66	22.08	21.89	22.7
3	256QAM	1	0	19.65	19.97	19.8	20.7
3		1	8	19.66	19.86	19.88	20.7
3		1	14	19.75	19.89	19.74	20.7
3		8	0	19.67	19.94	19.8	20.7
3		8	4	19.66	20.06	19.89	20.7
3		8	7	19.77	19.97	19.72	20.7
3		15	0	19.58	19.79	19.58	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.61	24.62	24.77	25.7
1.4		1	3	24.56	24.72	24.56	25.7
1.4		1	5	24.35	24.58	24.45	25.7
1.4		3	0	24.66	24.75	24.58	25.7
1.4		3	1	24.56	24.7	24.57	25.7
1.4		3	3	24.58	24.71	24.6	25.7
1.4		6	0	23.53	23.74	23.62	24.7
1.4	16QAM	1	0	24.08	24.25	24.09	24.7
1.4		1	3	23.66	24.14	23.93	24.7
1.4		1	5	23.63	23.79	23.68	24.7
1.4		3	0	23.58	23.82	23.8	24.7
1.4		3	1	23.68	23.87	23.79	24.7
1.4		3	3	23.76	23.99	23.91	24.7
1.4		6	0	22.81	22.89	22.8	23.7
1.4	64QAM	1	0	22.79	22.98	22.96	23.7
1.4		1	3	22.92	23.05	22.79	23.7
1.4		1	5	22.76	22.89	22.7	23.7
1.4		3	0	22.53	22.87	22.8	23.7
1.4		3	1	22.91	23	22.83	23.7
1.4		3	3	22.79	22.98	22.88	23.7
1.4		6	0	21.97	22.06	21.99	22.7
1.4	256QAM	1	0	19.67	19.94	19.8	20.7
1.4		1	3	19.66	19.9	19.87	20.7
1.4		1	5	19.74	19.94	19.85	20.7
1.4		3	0	19.76	19.91	19.73	20.7
1.4		3	1	19.83	20.04	19.89	20.7
1.4		3	3	19.76	19.95	19.84	20.7
1.4		6	0	19.62	19.72	19.55	20.7

<LTE Band 12_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.56	25.07	24.9	25.7
10		1	25	24.72	24.92	24.68	25.7
10		1	49	24.63	24.76	24.55	25.7
10		25	0	23.76	23.99	23.79	24.7
10		25	12	23.72	23.96	23.75	24.7
10		25	25	23.82	23.95	23.65	24.7
10		50	0	23.73	23.88	23.64	24.7
10	16QAM	1	0	24	24.17	23.99	24.7
10		1	25	24.07	24.32	24.08	24.7
10		1	49	23.93	24.07	23.85	24.7
10		25	0	22.79	22.96	22.69	23.7
10		25	12	22.8	22.97	22.75	23.7
10		25	25	22.82	22.99	22.76	23.7
10		50	0	22.86	22.97	22.69	23.7
10	64QAM	1	0	22.92	23.09	22.8	23.7
10		1	25	22.91	23.04	22.77	23.7
10		1	49	22.99	23.19	22.95	23.7
10		25	0	21.76	22	21.82	22.7
10		25	12	21.9	22.02	21.83	22.7
10		25	25	21.85	21.97	21.77	22.7
10		50	0	21.76	21.95	21.73	22.7
10	256QAM	1	0	19.81	20.02	19.74	20.7
10		1	25	19.67	20.09	19.82	20.7
10		1	49	19.97	20.14	19.88	20.7
10		25	0	19.83	20.04	19.79	20.7
10		25	12	19.91	20.1	19.86	20.7
10		25	25	19.9	20.11	19.91	20.7
10		50	0	19.85	20.08	19.91	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	710.5	
5	QPSK	1	0	24.8	24.95	24.78	25.7
5		1	12	24.64	24.84	24.61	25.7
5		1	24	24.52	24.71	24.5	25.7
5		12	0	23.71	23.88	23.68	24.7
5		12	7	23.58	23.89	23.65	24.7
5		12	13	23.73	23.82	23.6	24.7
5		25	0	23.63	23.79	23.62	24.7
5	16QAM	1	0	23.91	24.05	23.85	24.7
5		1	12	24.04	24.29	24.01	24.7
5		1	24	23.84	23.94	23.73	24.7
5		12	0	22.72	22.93	22.8	23.7
5		12	7	22.77	22.95	22.7	23.7
5		12	13	22.7	22.87	22.65	23.7
5		25	0	22.83	22.84	22.53	23.7
5	64QAM	1	0	22.79	23.04	22.72	23.7
5		1	12	22.9	23.02	22.65	23.7
5		1	24	22.92	23.1	22.8	23.7
5		12	0	21.66	21.91	21.76	22.7
5		12	7	21.76	21.9	21.71	22.7
5		12	13	21.78	21.93	21.66	22.7
5		25	0	21.73	21.9	21.58	22.7
5	256QAM	1	0	19.7	19.98	19.88	20.7
5		1	12	19.8	20.03	19.8	20.7
5		1	24	19.84	20	19.81	20.7
5		12	0	19.77	19.91	19.76	20.7
5		12	7	19.83	20.02	19.83	20.7
5		12	13	19.87	20.02	19.78	20.7
5		25	0	19.74	20.05	19.89	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.89	25.03	24.8	25.7
3		1	8	24.59	24.89	24.66	25.7
3		1	14	24.56	24.69	24.47	25.7
3		8	0	23.75	23.94	23.68	24.7
3		8	4	23.71	23.94	23.64	24.7
3		8	7	23.73	23.86	23.62	24.7
3		15	0	23.6	23.77	23.51	24.7
3	16QAM	1	0	23.96	24.09	23.89	24.7
3		1	8	24.02	24.31	23.94	24.7
3		1	14	23.66	24.04	23.83	24.7
3		8	0	22.68	22.87	22.57	23.7
3		8	4	22.66	22.86	22.66	23.7
3		8	7	22.67	22.89	22.73	23.7
3		15	0	22.65	22.85	22.61	23.7
3	64QAM	1	0	22.84	23.02	22.66	23.7
3		1	8	23.01	22.9	22.66	23.7
3		1	14	22.94	23.06	22.84	23.7
3		8	0	21.74	21.9	21.76	22.7
3		8	4	21.83	21.89	21.76	22.7
3		8	7	21.83	21.93	21.64	22.7
3		15	0	21.63	21.82	21.7	22.7
3	256QAM	1	0	19.69	19.92	19.81	20.7
3		1	8	19.63	19.95	19.69	20.7
3		1	14	19.64	20.1	19.88	20.7
3		8	0	19.7	19.89	19.69	20.7
3		8	4	19.67	20.07	19.72	20.7
3		8	7	19.67	20.09	19.63	20.7
3		15	0	19.61	20.04	19.79	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.93	25.02	24.89	25.7
1.4		1	3	24.62	24.87	24.57	25.7
1.4		1	5	24.53	24.64	24.5	25.7
1.4		3	0	24.69	24.88	24.71	25.7
1.4		3	1	24.57	24.82	24.71	25.7
1.4		3	3	24.77	24.94	24.51	25.7
1.4		6	0	23.91	23.77	23.56	24.7
1.4	16QAM	1	0	23.97	24.07	23.95	24.7
1.4		1	3	24	24.23	23.97	24.7
1.4		1	5	23.91	24	23.75	24.7
1.4		3	0	23.76	23.89	23.91	24.7
1.4		3	1	23.75	23.89	23.74	24.7
1.4		3	3	23.74	23.89	23.89	24.7
1.4		6	0	22.74	22.82	22.57	23.7
1.4	64QAM	1	0	22.84	22.98	22.66	23.7
1.4		1	3	22.79	22.82	22.68	23.7
1.4		1	5	22.94	23.13	22.84	23.7
1.4		3	0	22.68	22.92	22.76	23.7
1.4		3	1	22.83	22.99	22.73	23.7
1.4		3	3	22.79	22.95	22.75	23.7
1.4		6	0	21.62	21.92	21.8	22.7
1.4	256QAM	1	0	19.71	19.96	19.72	20.7
1.4		1	3	19.82	20.02	19.74	20.7
1.4		1	5	19.91	20.11	19.77	20.7
1.4		3	0	19.8	19.94	19.65	20.7
1.4		3	1	19.84	20	19.76	20.7
1.4		3	3	19.89	20.02	19.86	20.7
1.4		6	0	19.8	20.06	19.89	20.7

<LTE Band 13_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.67		25.7
10		1	25		24.75		25.7
10		1	49		24.63		25.7
10		25	0		24.07		24.7
10		25	12		24.02		24.7
10		25	25		23.98		24.7
10		50	0		24.03		24.7
10	16QAM	1	0		24.32		24.7
10		1	25		24.34		24.7
10		1	49		24.24		24.7
10		25	0		23.01		23.7
10		25	12		23.09		23.7
10		25	25		22.99		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.4		23.7
10		1	25		23.38		23.7
10		1	49		23.2		23.7
10		25	0		22.08		22.7
10		25	12		22.13		22.7
10		25	25		22.03		22.7
10		50	0		22.1		22.7
10	256QAM	1	0		20.1		20.7
10		1	25		20.09		20.7
10		1	49		20.13		20.7
10		25	0		20.04		20.7
10		25	12		20.02		20.7
10		25	25		20.1		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.57	24.65	24.64	25.7
5		1	12	24.46	24.58	24.53	25.7
5		1	24	24.58	24.62	24.72	25.7
5		12	0	23.77	23.9	23.81	24.7
5		12	7	23.7	23.93	23.85	24.7
5		12	13	23.73	23.87	23.77	24.7
5		25	0	23.8	23.91	23.88	24.7
5	16QAM	1	0	24.09	24.35	24.22	24.7
5		1	12	24.18	24.29	24.21	24.7
5		1	24	23.93	24.04	23.88	24.7
5		12	0	22.8	22.99	22.93	23.7
5		12	7	22.81	23.01	22.87	23.7
5		12	13	22.73	22.93	22.79	23.7
5		25	0	22.71	22.9	22.79	23.7
5	64QAM	1	0	23.14	23.35	23.14	23.7
5		1	12	23.16	23.39	23.32	23.7
5		1	24	22.95	23.09	22.96	23.7
5		12	0	21.87	22.02	21.92	22.7
5		12	7	21.9	22.12	22.07	22.7
5		12	13	21.86	22	21.93	22.7
5		25	0	21.92	22.06	21.91	22.7
5	256QAM	1	0	19.68	20.02	19.99	20.7
5		1	12	19.79	19.99	19.94	20.7
5		1	24	19.86	20.06	19.95	20.7
5		12	0	19.64	19.85	19.78	20.7
5		12	7	19.76	19.85	19.77	20.7
5		12	13	19.68	20.02	19.97	20.7
5		25	0	19.9	20.03	19.93	20.7

<LTE Band 17_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.92	25.13	24.98	25.7
10		1	25	24.73	25.07	24.91	25.7
10		1	49	24.48	24.8	24.58	25.7
10		25	0	23.75	24.16	23.87	24.7
10		25	12	23.76	24.12	23.83	24.7
10		25	25	23.67	23.97	23.74	24.7
10		50	0	23.72	23.96	23.67	24.7
10	16QAM	1	0	23.94	24.27	24.1	24.7
10		1	25	24.1	24.42	24.22	24.7
10		1	49	23.88	24.11	23.92	24.7
10		25	0	22.88	23.15	22.97	23.7
10		25	12	22.75	23.06	22.89	23.7
10		25	25	22.69	22.94	22.71	23.7
10		50	0	22.72	23.04	22.76	23.7
10	64QAM	1	0	22.96	23.19	22.96	23.7
10		1	25	23.06	23.29	23.08	23.7
10		1	49	22.8	23.08	22.87	23.7
10		25	0	21.72	21.96	21.8	22.7
10		25	12	21.8	22.03	21.8	22.7
10		25	25	21.76	22.01	21.85	22.7
10		50	0	21.68	22	21.75	22.7
10	256QAM	1	0	19.93	20.09	19.93	20.7
10		1	25	20.06	20.24	20.06	20.7
10		1	49	19.76	20.07	19.88	20.7
10		25	0	19.76	20.02	19.8	20.7
10		25	12	19.63	20.01	19.76	20.7
10		25	25	19.81	19.99	19.84	20.7
10		50	0	19.69	19.98	19.81	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.92	25.03	24.98	25.7
5		1	12	24.92	25.05	24.88	25.7
5		1	24	24.33	24.76	24.53	25.7
5		12	0	23.68	23.97	23.76	24.7
5		12	7	23.74	24.08	23.74	24.7
5		12	13	23.53	23.93	23.73	24.7
5		25	0	23.64	23.97	23.56	24.7
5	16QAM	1	0	23.8	24.21	24.02	24.7
5		1	12	24.07	24.4	24.1	24.7
5		1	24	23.84	24.05	23.87	24.7
5		12	0	22.73	23.05	22.88	23.7
5		12	7	22.65	22.93	22.78	23.7
5		12	13	22.58	22.9	22.64	23.7
5		25	0	22.7	22.98	22.67	23.7
5	64QAM	1	0	22.93	23.04	22.83	23.7
5		1	12	22.98	23.25	23.03	23.7
5		1	24	22.65	23.06	22.77	23.7
5		12	0	21.58	21.91	21.74	22.7
5		12	7	21.7	21.94	21.68	22.7
5		12	13	21.64	22	21.71	22.7
5		25	0	21.68	21.98	21.69	22.7
5	256QAM	1	0	19.71	19.97	19.8	20.7
5		1	12	19.94	20.15	19.95	20.7
5		1	24	19.69	19.92	19.77	20.7
5		12	0	19.75	19.91	19.75	20.7
5		12	7	19.79	19.9	19.67	20.7
5		12	13	19.66	19.93	19.76	20.7
5		25	0	19.59	19.83	19.76	20.7

<LTE Band 26_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.63	24.84	24.67	25.7
15		1	37	24.62	24.82	24.79	25.7
15		1	74	24.55	24.73	24.58	25.7
15		36	0	23.63	23.84	23.9	24.7
15		36	20	23.79	23.9	23.76	24.7
15		36	39	23.73	23.91	23.85	24.7
15		75	0	23.75	23.92	23.82	24.7
15	16QAM	1	0	24.16	24.3	24.14	24.7
15		1	37	24.21	24.38	24.34	24.7
15		1	74	24	24.2	24.14	24.7
15		36	0	22.79	22.95	22.89	23.7
15		36	20	22.72	22.86	22.83	23.7
15		36	39	22.66	22.84	22.83	23.7
15		75	0	22.63	22.77	22.74	23.7
15	64QAM	1	0	22.95	23.06	23	23.7
15		1	37	23.04	23.13	23	23.7
15		1	74	23.03	23.18	23.09	23.7
15		36	0	21.81	21.98	21.9	22.7
15		36	20	21.79	21.9	21.77	22.7
15		36	39	21.83	21.92	21.81	22.7
15		75	0	21.82	21.9	21.8	22.7
15	256QAM	1	0	20.08	20.26	20.23	20.7
15		1	37	19.92	20.03	19.92	20.7
15		1	74	19.91	20.01	19.9	20.7
15		36	0	19.83	20.01	19.9	20.7
15		36	20	19.81	19.9	19.81	20.7
15		36	39	19.86	19.95	19.82	20.7
15		75	0	19.78	19.9	19.83	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.79	24.81	24.79	25.7
10		1	25	24.51	24.72	24.73	25.7
10		1	49	24.53	24.65	24.51	25.7
10		25	0	23.74	23.94	23.9	24.7
10		25	12	23.7	23.76	23.64	24.7
10		25	25	23.61	23.79	23.7	24.7
10		50	0	23.65	23.82	23.68	24.7
10	16QAM	1	0	24.05	24.26	24.01	24.7
10		1	25	24.07	24.26	24.3	24.7
10		1	49	23.93	24.17	24.06	24.7
10		25	0	22.71	22.93	22.77	23.7
10		25	12	22.68	22.75	22.79	23.7
10		25	25	22.65	22.82	22.83	23.7
10		50	0	22.55	22.68	22.71	23.7
10	64QAM	1	0	22.9	22.93	22.89	23.7
10		1	25	22.85	22.96	22.9	23.7
10		1	49	22.67	23.16	22.95	23.7
10		25	0	21.74	21.87	21.81	22.7
10		25	12	21.74	21.87	21.88	22.7
10		25	25	21.76	21.9	21.77	22.7
10		50	0	21.72	21.83	21.76	22.7
10	256QAM	1	0	19.67	20.12	20.13	20.7
10		1	25	19.86	19.91	19.79	20.7
10		1	49	19.9	19.89	19.76	20.7
10		25	0	19.78	19.86	19.89	20.7
10		25	12	19.67	19.82	19.79	20.7
10		25	25	19.74	19.89	19.7	20.7
10		50	0	19.76	19.79	19.8	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.79	24.83	24.81	25.7
5		1	12	24.55	24.71	24.69	25.7
5		1	24	24.42	24.65	24.47	25.7
5		12	0	23.73	23.91	23.88	24.7
5		12	7	23.76	23.87	23.74	24.7
5		12	13	23.64	23.89	23.75	24.7
5		25	0	23.69	23.89	23.71	24.7
5	16QAM	1	0	24.05	24.2	24.1	24.7
5		1	12	24.2	24.29	24.3	24.7
5		1	24	23.98	24.19	24.05	24.7
5		12	0	22.73	22.87	22.73	23.7
5		12	7	22.68	22.75	22.77	23.7
5		12	13	22.73	22.86	22.8	23.7
5		25	0	22.51	22.72	22.65	23.7
5	64QAM	1	0	22.88	22.92	22.97	23.7
5		1	12	22.81	23	22.94	23.7
5		1	24	22.66	23.05	22.89	23.7
5		12	0	21.66	21.83	21.87	22.7
5		12	7	21.77	21.75	21.83	22.7
5		12	13	21.71	21.77	21.7	22.7
5		25	0	21.72	21.78	21.77	22.7
5	256QAM	1	0	20.05	20.14	20.08	20.7
5		1	12	19.8	19.97	19.8	20.7
5		1	24	19.79	19.9	19.76	20.7
5		12	0	19.8	19.97	19.88	20.7
5		12	7	19.77	19.81	19.74	20.7
5		12	13	19.77	19.89	19.69	20.7
5		25	0	19.67	19.88	19.81	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.78	24.73	24.78	25.7
3		1	8	24.56	24.61	24.7	25.7
3		1	14	24.5	24.62	24.46	25.7
3		8	0	23.77	23.84	23.75	24.7
3		8	4	23.66	23.77	23.66	24.7
3		8	7	23.72	23.81	23.64	24.7
3		15	0	23.7	23.77	23.62	24.7
3	16QAM	1	0	24.09	24.29	24.11	24.7
3		1	8	24.19	24.31	24.32	24.7
3		1	14	23.96	24.11	24.03	24.7
3		8	0	22.65	22.92	22.81	23.7
3		8	4	22.64	22.77	22.82	23.7
3		8	7	22.78	22.95	22.79	23.7
3		15	0	22.5	22.71	22.66	23.7
3	64QAM	1	0	23.03	23.01	23.01	23.7
3		1	8	22.88	22.99	22.9	23.7
3		1	14	22.93	23.16	23.02	23.7
3		8	0	21.68	21.94	21.78	22.7
3		8	4	21.67	21.83	21.85	22.7
3		8	7	21.73	21.87	21.75	22.7
3		15	0	21.72	21.86	21.78	22.7
3	256QAM	1	0	19.98	20.2	20.09	20.7
3		1	8	19.83	20.02	19.9	20.7
3		1	14	19.79	19.97	19.79	20.7
3		8	0	19.82	19.89	19.79	20.7
3		8	4	19.76	19.83	19.69	20.7
3		8	7	19.74	19.84	19.73	20.7
3		15	0	19.67	19.78	19.71	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.77	24.85	24.85	25.7
1.4		1	3	24.6	24.8	24.67	25.7
1.4		1	5	24.67	24.7	24.67	25.7
1.4		3	0	24.75	24.85	24.84	25.7
1.4		3	1	24.72	24.84	24.72	25.7
1.4		3	3	24.69	24.83	24.76	25.7
1.4		6	0	23.71	23.77	23.8	24.7
1.4	16QAM	1	0	24.12	24.16	24.05	24.7
1.4		1	3	24.1	24.36	24.21	24.7
1.4		1	5	23.87	24.17	24.04	24.7
1.4		3	0	23.68	23.86	23.79	24.7
1.4		3	1	23.67	23.79	23.78	24.7
1.4		3	3	23.74	23.94	23.8	24.7
1.4		6	0	22.67	22.71	22.63	23.7
1.4	64QAM	1	0	22.93	22.92	22.93	23.7
1.4		1	3	22.85	23.02	22.94	23.7
1.4		1	5	23	23.11	23.03	23.7
1.4		3	0	22.69	22.9	22.84	23.7
1.4		3	1	22.75	22.77	22.69	23.7
1.4		3	3	22.74	22.89	22.77	23.7
1.4		6	0	21.76	21.88	21.78	22.7
1.4	256QAM	1	0	19.95	20.19	20.11	20.7
1.4		1	3	19.81	19.99	19.9	20.7
1.4		1	5	19.8	19.88	19.8	20.7
1.4		3	0	19.72	19.87	19.87	20.7
1.4		3	1	19.75	19.77	19.76	20.7
1.4		3	3	19.79	19.88	19.7	20.7
1.4		6	0	19.75	19.8	19.76	20.7

<LTE Band 71_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133297	133172	
Frequency (MHz)				673	660.5	648	
20	QPSK	1	0	25.1	25.13	25.12	25.7
20		1	49	24.92	25.06	24.92	25.7
20		1	99	25.03	25.09	25	25.7
20		50	0	24.25	24.3	24.19	24.7
20		50	24	24.15	24.29	24.13	24.7
20		50	50	24.16	24.24	24.12	24.7
20		100	0	24.15	24.32	24.22	24.7
20	16QAM	1	0	24.32	24.4	24.34	24.7
20		1	49	24.27	24.43	24.41	24.7
20		1	99	24.36	24.45	24.3	24.7
20		50	0	23.3	23.36	23.31	23.7
20		50	24	23.29	23.42	23.35	23.7
20		50	50	23.11	23.26	23.21	23.7
20		100	0	23.17	23.34	23.22	23.7
20	64QAM	1	0	23.15	23.31	23.25	23.7
20		1	49	23.24	23.36	23.27	23.7
20		1	99	23.42	23.54	23.52	23.7
20		50	0	22.31	22.36	22.28	22.7
20		50	24	22.17	22.33	22.22	22.7
20		50	50	22.13	22.29	22.17	22.7
20		100	0	22.22	22.29	22.19	22.7
20	256QAM	1	0	20.46	20.63	20.46	20.7
20		1	49	20.52	20.57	20.51	20.7
20		1	99	20.43	20.6	20.45	20.7
20		50	0	20.01	20.09	20.07	20.7
20		50	24	20.45	20.55	20.47	20.7
20		50	50	20.4	20.55	20.47	20.7
20		100	0	20.01	20.07	20.44	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	25.09	25.06	25.08	25.7
15		1	37	24.79	24.95	24.88	25.7
15		1	74	25	24.95	24.97	25.7
15		36	0	24.21	24.16	24.13	24.7
15		36	20	24.11	24.16	24.13	24.7
15		36	39	24.12	24.12	24.01	24.7
15		75	0	24.02	24.21	24.12	24.7
15	16QAM	1	0	24.22	24.37	24.25	24.7
15		1	37	24.16	24.36	24.29	24.7
15		1	74	24.36	24.36	24.32	24.7
15		36	0	23.21	23.22	23.22	23.7
15		36	20	23.16	23.28	23.29	23.7
15		36	39	23.07	23.24	23.14	23.7
15		75	0	23.15	23.33	23.21	23.7
15	64QAM	1	0	23.04	23.22	23.12	23.7
15		1	37	23.12	23.27	23.14	23.7
15		1	74	23.29	23.53	23.45	23.7
15		36	0	22.26	22.3	22.26	22.7
15		36	20	22.1	22.31	22.19	22.7
15		36	39	22.09	22.27	22.04	22.7
15		75	0	22.12	22.2	22.17	22.7
15	256QAM	1	0	20.41	20.49	20.39	20.7
15		1	37	20.48	20.55	20.44	20.7
15		1	74	20.4	20.59	20.34	20.7
15		36	0	20.44	20.45	20.43	20.7
15		36	20	20.31	20.51	20.4	20.7
15		36	39	20.31	20.52	20.43	20.7
15		75	0	20.38	20.5	20.33	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	25.01	25.05	25.09	25.7
10		1	25	24.88	24.93	24.91	25.7
10		1	49	24.95	24.97	24.98	25.7
10		25	0	24.21	24.17	24.09	24.7
10		25	12	24.13	24.19	24.16	24.7
10		25	25	24.09	24.15	24.02	24.7
10		50	0	24.13	24.2	24.08	24.7
10	16QAM	1	0	24.24	24.32	24.32	24.7
10		1	25	24.23	24.3	24.39	24.7
10		1	49	24.27	24.33	24.23	24.7
10		25	0	23.16	23.21	23.2	23.7
10		25	12	23.28	23.37	23.2	23.7
10		25	25	23.09	23.24	23.19	23.7
10		50	0	23.04	23.19	23.17	23.7
10	64QAM	1	0	23.02	23.17	23.14	23.7
10		1	25	23.17	23.3	23.17	23.7
10		1	49	23.3	23.51	23.5	23.7
10		25	0	22.29	22.32	22.14	22.7
10		25	12	22.07	22.25	22.16	22.7
10		25	25	22.01	22.27	22.05	22.7
10		50	0	22.2	22.33	22.1	22.7
10	256QAM	1	0	20.38	20.55	20.45	20.7
10		1	25	20.46	20.47	20.45	20.7
10		1	49	20.41	20.48	20.43	20.7
10		25	0	20.4	20.51	20.33	20.7
10		25	12	20.34	20.43	20.33	20.7
10		25	25	20.34	20.52	20.33	20.7
10		50	0	20.39	20.47	20.39	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	25.02	24.99	24.99	25.7
5		1	12	24.79	24.97	24.88	25.7
5		1	24	24.9	24.96	24.88	25.7
5		12	0	24.18	24.16	24.17	24.7
5		12	7	24.08	24.24	24.19	24.7
5		12	13	24.11	24.1	24.08	24.7
5		25	0	24.02	24.28	24.08	24.7
5	16QAM	1	0	24.19	24.34	24.29	24.7
5		1	12	24.16	24.33	24.32	24.7
5		1	24	24.34	24.36	24.27	24.7
5		12	0	23.26	23.26	23.16	23.7
5		12	7	23.23	23.26	23.24	23.7
5		12	13	22.96	23.12	23.16	23.7
5		25	0	23.15	23.3	23.13	23.7
5	64QAM	1	0	23.11	23.08	23.22	23.7
5		1	12	23.1	23.34	23.19	23.7
5		1	24	23.39	23.44	23.4	23.7
5		12	0	22.22	22.33	22.15	22.7
5		12	7	22.14	22.23	22.2	22.7
5		12	13	22.09	22.26	22.15	22.7
5		25	0	22.16	22.19	22.16	22.7
5	256QAM	1	0	20.44	20.52	20.37	20.7
5		1	12	20.41	20.54	20.42	20.7
5		1	24	20.42	20.52	20.31	20.7
5		12	0	20.38	20.44	20.4	20.7
5		12	7	20.33	20.49	20.37	20.7
5		12	13	20.3	20.45	20.36	20.7
5		25	0	20.45	20.55	20.43	20.7

<LTE Band 2_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	25.05	25.08	25.01	25.7
20		1	49	24.66	25.01	24.62	25.7
20		1	99	24.94	25	24.83	25.7
20		50	0	24.14	24.26	24.16	24.7
20		50	24	24.16	24.23	24.05	24.7
20		50	50	24.04	24.18	24.01	24.7
20		100	0	24.07	24.2	24.04	24.7
20	16QAM	1	0	24.37	24.54	24.43	24.7
20		1	49	24.42	24.5	24.37	24.7
20		1	99	24.17	24.32	24.23	24.7
20		50	0	23.16	23.22	23.07	23.7
20		50	24	23.15	23.26	23.16	23.7
20		50	50	23.04	23.29	23.15	23.7
20		100	0	23.09	23.2	23.01	23.7
20	64QAM	1	0	23.35	23.47	23.31	23.7
20		1	49	23.45	23.56	23.45	23.7
20		1	99	23.35	23.46	23.27	23.7
20		50	0	22.03	22.1	21.95	22.7
20		50	24	22.1	22.18	22.01	22.7
20		50	50	22.15	22.26	22.11	22.7
20		100	0	21.7	21.85	21.72	22.7
20	256QAM	1	0	20.14	20.3	20.2	20.7
20		1	49	20.18	20.24	20.15	20.7
20		1	99	20.08	20.16	19.98	20.7
20		50	0	19.96	20.12	20.04	20.7
20		50	24	20.2	20.26	20.08	20.7
20		50	50	20.11	20.25	20.18	20.7
20		100	0	20.23	20.29	20.2	20.7
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.92	24.95	24.87	25.7
15		1	37	24.82	24.91	24.76	25.7
15		1	74	24.9	24.96	24.75	25.7
15		36	0	24.11	24.23	24.06	24.7
15		36	20	24.09	24.22	24	24.7
15		36	39	23.95	24.11	23.92	24.7
15		75	0	23.97	24.07	23.95	24.7
15	16QAM	1	0	24.3	24.3	24.3	24.7
15		1	37	24.27	24.36	24.32	24.7
15		1	74	24.05	24.21	24.14	24.7
15		36	0	23.05	23.18	22.94	23.7
15		36	20	23.09	23.12	23.03	23.7
15		36	39	23.22	23.22	23.01	23.7
15		75	0	23.03	23.14	22.91	23.7
15	64QAM	1	0	23.26	23.35	23.28	23.7
15		1	37	23.38	23.42	23.41	23.7
15		1	74	23.22	23.39	23.17	23.7
15		36	0	21.98	21.98	21.92	22.7
15		36	20	22.07	22.06	21.93	22.7
15		36	39	22.14	22.19	22.03	22.7
15		75	0	21.83	21.84	21.84	22.7
15	256QAM	1	0	20.01	20.21	20.19	20.7
15		1	37	20.12	20.14	20.13	20.7
15		1	74	20.01	20.06	19.88	20.7
15		36	0	19.93	19.98	19.99	20.7
15		36	20	20.19	20.12	20.05	20.7
15		36	39	20.08	20.23	20.17	20.7
15		75	0	20.14	20.15	20.12	20.7
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	25.01	25.02	24.96	25.7
10		1	25	24.73	24.97	24.88	25.7
10		1	49	24.91	24.96	24.78	25.7
10		25	0	24.03	24.24	24.08	24.7
10		25	12	24.04	24.13	23.93	24.7
10		25	25	24	24.11	23.96	24.7
10		50	0	24.05	24.11	23.9	24.7
10	16QAM	1	0	24.23	24.42	24.41	24.7
10		1	25	24.3	24.44	24.35	24.7
10		1	49	24.03	24.19	24.09	24.7
10		25	0	23.13	23.15	22.95	23.7
10		25	12	23.05	23.16	23.14	23.7
10		25	25	23.22	23.23	23.07	23.7
10		50	0	22.98	23.14	22.86	23.7
10	64QAM	1	0	23.23	23.36	23.2	23.7
10		1	25	23.36	23.47	23.36	23.7
10		1	49	23.24	23.35	23.19	23.7
10		25	0	21.91	22.05	21.81	22.7
10		25	12	22.07	22.04	21.88	22.7
10		25	25	22.01	22.13	22.07	22.7
10		50	0	21.69	21.74	21.61	22.7
10	256QAM	1	0	20.07	20.24	20.16	20.7
10		1	25	20.14	20.17	20.12	20.7
10		1	49	19.99	20.11	19.94	20.7
10		25	0	19.88	19.98	19.95	20.7
10		25	12	20.06	20.17	19.98	20.7
10		25	25	20.08	20.19	20.11	20.7
10		50	0	20.18	20.16	20.14	20.7
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	25.02	24.95	24.89	25.7
5		1	12	24.77	24.99	24.74	25.7
5		1	24	24.84	24.96	24.77	25.7
5		12	0	24.06	24.17	24.08	24.7
5		12	7	24.11	24.22	23.91	24.7
5		12	13	23.97	24.08	23.96	24.7
5		25	0	24.06	24.17	24.03	24.7
5	16QAM	1	0	24.29	24.41	24.37	24.7
5		1	12	24.32	24.47	24.31	24.7
5		1	24	24.16	24.28	24.21	24.7
5		12	0	23.09	23.16	23.01	23.7
5		12	7	23.12	23.18	23.04	23.7
5		12	13	23.18	23.28	23.06	23.7
5		25	0	23.02	23.17	22.96	23.7
5	64QAM	1	0	23.29	23.44	23.29	23.7
5		1	12	23.35	23.44	23.32	23.7
5		1	24	23.28	23.32	23.14	23.7
5		12	0	21.95	22.09	21.9	22.7
5		12	7	21.96	22.16	21.98	22.7
5		12	13	22.01	22.18	21.96	22.7
5		25	0	21.66	21.75	21.67	22.7
5	256QAM	1	0	20.08	20.26	20.13	20.7
5		1	12	20.05	20.12	20.01	20.7
5		1	24	19.99	20.05	19.93	20.7
5		12	0	19.94	20.04	19.98	20.7
5		12	7	20.16	20.14	20.05	20.7
5		12	13	20.05	20.12	20.11	20.7
5		25	0	20.14	20.15	20.07	20.7
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	25.04	25.01	24.9	25.7
3		1	8	24.8	24.98	24.7	25.7
3		1	14	24.88	24.9	24.74	25.7
3		8	0	24.13	24.21	24.03	24.7
3		8	4	24.07	24.16	24.03	24.7
3		8	7	23.93	24.08	24	24.7
3		15	0	23.95	24.06	23.89	24.7
3	16QAM	1	0	24.24	24.4	24.32	24.7
3		1	8	24.36	24.37	24.29	24.7
3		1	14	24.09	24.19	24.14	24.7
3		8	0	23.11	23.19	23.05	23.7
3		8	4	23.01	23.11	23.12	23.7
3		8	7	23.16	23.14	23.01	23.7
3		15	0	23.07	23.08	22.93	23.7
3	64QAM	1	0	23.23	23.32	23.2	23.7
3		1	8	23.3	23.43	23.37	23.7
3		1	14	23.2	23.32	23.21	23.7
3		8	0	21.95	21.99	21.85	22.7
3		8	4	22.08	22.13	21.89	22.7
3		8	7	22.1	22.17	22.05	22.7
3		15	0	21.67	21.78	21.69	22.7
3	256QAM	1	0	20.05	20.2	20.05	20.7
3		1	8	20.1	20.19	20.1	20.7
3		1	14	19.95	20.11	19.95	20.7
3		8	0	19.94	20.02	19.95	20.7
3		8	4	20.16	20.23	19.95	20.7
3		8	7	20.07	20.19	20.11	20.7
3		15	0	20.13	20.23	20.12	20.7
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.95	25.02	24.99	25.7
1.4		1	3	24.81	25	24.74	25.7
1.4		1	5	24.88	24.96	24.79	25.7
1.4		3	0	25.08	25.23	25.02	25.7
1.4		3	1	25.07	25.14	24.9	25.7
1.4		3	3	24.93	25.09	24.99	25.7
1.4		3	5	24.05	24.09	23.96	24.7
1.4	16QAM	1	0	24.35	24.52	24.34	24.7
1.4		1	3	24.39	24.49	24.35	24.7
1.4		1	5	24.14	24.3	24.14	24.7
1.4		3	0	24.15	24.1	23.98	24.7
1.4		3	1	24.01	24.17	24.03	24.7
1.4		3	3	24.19	24.19	24.07	24.7
1.4		3	5	23.07	23.17	22.95	23.7
1.4	64QAM	1	0	23.32	23.41	23.21	23.7
1.4		1	3	23.37	23.53	23.37	23.7
1.4		1	5	23.32	23.43	23.19	23.7
1.4		3	0	22.97	22.99	22.88	23.7
1.4		3	1	22.98	23.13	22.94	23.7
1.4		3	3	23.03	23.12	23.09	23.7
1.4		3	5	21.92	21.96	21.7	22.7
1.4	256QAM	1	0	20.04	20.28	20.06	20.7
1.4		1	3	20.07	20.22	20.01	20.7
1.4		1	5	19.98	20.14	19.89	20.7
1.4		3	0	19.86	20.11	19.96	20.7
1.4		3	1	20.1	20.25	19.98	20.7
1.4		3	3	20.05	20.21	20.07	20.7
1.4		3	5	20.2	20.2	20.09	20.7

<LTE Band 4_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.14	25.19	25.09	25.7
20		1	49	24.83	24.99	24.78	25.7
20		1	99	24.87	24.98	24.79	25.7
20		50	0	23.87	24.1	23.85	24.7
20		50	24	23.95	24.09	23.89	24.7
20		50	50	23.91	24.06	23.85	24.7
20		100	0	24	24.19	24.05	24.7
20	16QAM	1	0	24.06	24.2	24.05	24.7
20		1	49	23.93	24.08	23.95	24.7
20		1	99	23.92	24.06	23.85	24.7
20		50	0	23.07	23.21	23.05	23.7
20		50	24	23.09	23.19	23.05	23.7
20		50	50	22.99	23.11	23.01	23.7
20		100	0	23.03	23.11	22.89	23.7
20	64QAM	1	0	22.95	23.11	22.95	23.7
20		1	49	23.09	23.16	22.92	23.7
20		1	99	22.99	23.18	23.03	23.7
20		50	0	22.1	22.19	22	22.7
20		50	24	21.8	21.98	21.78	22.7
20		50	50	21.94	22.07	21.88	22.7
20		100	0	21.94	22	21.79	22.7
20	256QAM	1	0	20.06	20.12	19.95	20.7
20		1	49	20.04	20.11	19.91	20.7
20		1	99	20.02	20.12	19.98	20.7
20		50	0	20.08	20.2	19.99	20.7
20		50	24	20.16	20.21	20.03	20.7
20		50	50	19.98	20.05	19.87	20.7
20		100	0	19.92	20	19.78	20.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.07	25.1	25	25.7
15		1	37	24.8	24.86	24.73	25.7
15		1	74	24.85	24.89	24.73	25.7
15		36	0	23.77	23.96	23.71	24.7
15		36	20	23.86	23.97	23.88	24.7
15		36	39	23.89	23.97	23.78	24.7
15		75	0	23.97	24.05	24.03	24.7
15	16QAM	1	0	24.01	24.16	23.99	24.7
15		1	37	23.85	23.95	23.84	24.7
15		1	74	23.82	23.98	23.7	24.7
15		36	0	22.93	23.17	22.94	23.7
15		36	20	22.96	23.17	22.96	23.7
15		36	39	22.95	23.08	22.96	23.7
15		75	0	22.93	23.03	22.83	23.7
15	64QAM	1	0	22.86	22.99	22.93	23.7
15		1	37	22.95	23.08	22.86	23.7
15		1	74	22.96	23.05	23.02	23.7
15		36	0	22.08	22.13	21.89	22.7
15		36	20	21.72	21.84	21.73	22.7
15		36	39	21.87	22.01	21.82	22.7
15		75	0	21.93	21.95	21.7	22.7
15	256QAM	1	0	20.02	20.04	19.85	20.7
15		1	37	20	19.97	19.86	20.7
15		1	74	19.92	20.07	19.96	20.7
15		36	0	20.06	20.17	19.86	20.7
15		36	20	20.06	20.13	19.97	20.7
15		36	39	19.89	20.01	19.93	20.7
15		75	0	19.85	19.98	19.77	20.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.1	25.17	24.97	25.7
10		1	25	24.76	24.89	24.72	25.7
10		1	49	24.8	24.85	24.67	25.7
10		25	0	23.72	23.93	23.82	24.7
10		25	12	23.82	24.01	23.81	24.7
10		25	25	23.88	23.99	23.72	24.7
10		50	0	23.94	24.07	24.04	24.7
10	16QAM	1	0	24.05	24.12	23.95	24.7
10		1	25	23.87	23.95	23.87	24.7
10		1	49	23.79	23.94	23.76	24.7
10		25	0	23.05	23.09	22.95	23.7
10		25	12	23.05	23.13	22.97	23.7
10		25	25	22.86	22.99	22.88	23.7
10		50	0	22.9	22.98	22.81	23.7
10	64QAM	1	0	22.94	23.08	22.9	23.7
10		1	25	23.01	23.08	22.9	23.7
10		1	49	22.87	23.03	23.01	23.7
10		25	0	21.97	22.09	21.85	22.7
10		25	12	21.79	21.87	21.71	22.7
10		25	25	21.85	21.95	21.87	22.7
10		50	0	21.82	21.96	21.78	22.7
10	256QAM	1	0	19.99	20.08	19.9	20.7
10		1	25	19.93	19.98	19.77	20.7
10		1	49	19.91	20	19.94	20.7
10		25	0	19.96	20.13	19.95	20.7
10		25	12	20.02	20.13	20.02	20.7
10		25	25	19.97	20	19.81	20.7
10		50	0	19.84	19.88	19.67	20.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	25.08	25.1	24.96	25.7
5		1	12	24.8	24.92	24.67	25.7
5		1	24	24.82	24.84	24.65	25.7
5		12	0	23.82	24.01	23.79	24.7
5		12	7	23.91	24	23.84	24.7
5		12	13	23.89	23.95	23.79	24.7
5		25	0	23.97	24.1	24.01	24.7
5	16QAM	1	0	24.05	24.16	24.01	24.7
5		1	12	23.81	24.05	23.93	24.7
5		1	24	23.79	23.96	23.8	24.7
5		12	0	23.01	23.11	23.03	23.7
5		12	7	23.04	23.14	22.91	23.7
5		12	13	22.97	23.1	22.87	23.7
5		25	0	22.98	23.05	22.76	23.7
5	64QAM	1	0	22.87	23	22.89	23.7
5		1	12	23.03	23.09	22.89	23.7
5		1	24	22.85	23.08	22.93	23.7
5		12	0	22.04	22.11	21.91	22.7
5		12	7	21.98	21.97	21.87	22.7
5		12	13	21.81	22.03	21.76	22.7
5		25	0	21.89	21.88	21.75	22.7
5	256QAM	1	0	20.02	20.11	19.92	20.7
5		1	12	19.94	20.06	19.9	20.7
5		1	24	19.89	20.03	19.95	20.7
5		12	0	19.99	20.08	19.99	20.7
5		12	7	20.08	20.15	19.92	20.7
5		12	13	19.92	19.91	19.85	20.7
5		25	0	19.77	19.94	19.64	20.7
Channel				19950	20175	20400	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.1	25.17	24.98	25.7
3		1	8	24.69	24.96	24.69	25.7
3		1	14	24.76	24.94	24.69	25.7
3		8	0	23.82	23.91	23.81	24.7
3		8	4	23.83	24.07	23.8	24.7
3		8	7	23.82	23.92	23.72	24.7
3		15	0	23.93	24.03	23.96	24.7
3	16QAM	1	0	23.97	24.06	23.96	24.7
3		1	8	23.87	23.99	23.92	24.7
3		1	14	23.88	23.97	23.83	24.7
3		8	0	22.96	23.18	22.96	23.7
3		8	4	22.96	23.17	23.03	23.7
3		8	7	22.89	23.06	22.99	23.7
3		15	0	22.95	23.01	22.85	23.7
3	64QAM	1	0	22.91	23.06	22.89	23.7
3		1	8	22.98	23.12	22.9	23.7
3		1	14	22.94	23.03	22.94	23.7
3		8	0	22.03	22.16	21.98	22.7
3		8	4	21.85	21.84	21.87	22.7
3		8	7	21.85	21.94	21.76	22.7
3		15	0	21.8	21.97	21.77	22.7
3	256QAM	1	0	20.05	20.03	19.84	20.7
3		1	8	19.92	19.97	19.8	20.7
3		1	14	19.94	20	19.97	20.7
3		8	0	19.99	20.08	19.97	20.7
3		8	4	20.11	20.1	19.93	20.7
3		8	7	19.96	19.95	19.8	20.7
3		15	0	19.77	19.96	19.76	20.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.07	25.14	24.99	25.7
1.4		1	3	24.79	24.96	24.64	25.7
1.4		1	5	24.72	24.95	24.83	25.7
1.4		3	0	24.82	24.95	24.8	25.7
1.4		3	1	24.88	25.08	24.74	25.7
1.4		3	3	24.84	24.92	24.71	25.7
1.4		3	5	23.85	24.13	23.94	24.7
1.4	16QAM	1	0	23.92	24.08	24.01	24.7
1.4		1	3	23.8	24.04	23.84	24.7
1.4		1	5	23.86	23.96	23.71	24.7
1.4		3	0	24.01	24.11	23.97	24.7
1.4		3	1	23.97	24.05	24.01	24.7
1.4		3	3	23.94	23.98	23.9	24.7
1.4		3	5	22.97	22.99	22.81	23.7
1.4	64QAM	1	0	22.82	23.06	22.87	23.7
1.4		1	3	23.05	23.09	22.79	23.7
1.4		1	5	22.85	23.11	22.98	23.7
1.4		3	0	23.02	23.13	22.96	23.7
1.4		3	1	22.71	22.87	22.69	23.7
1.4		3	3	22.87	22.96	22.92	23.7
1.4		3	5	21.89	21.97	21.77	22.7
1.4	256QAM	1	0	20.04	20	19.82	20.7
1.4		1	3	19.93	20.03	19.81	20.7
1.4		1	5	19.92	20.06	19.96	20.7
1.4		3	0	20.01	20.17	19.95	20.7
1.4		3	1	20.01	20.18	19.95	20.7
1.4		3	3	19.94	20.01	19.8	20.7
1.4		3	5	19.93	19.98	19.69	20.7

<LTE Band 7_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	25.32	25.44	25.31	25.7
20		1	49	25.16	25.35	25.16	25.7
20		1	99	25.25	25.42	25.24	25.7
20		50	0	24.42	24.58	24.36	24.7
20		50	24	24.28	24.49	24.23	24.7
20		50	50	24.28	24.46	24.21	24.7
20		100	0	24.35	24.52	24.29	24.7
20	16QAM	1	0	24.37	24.62	24.48	24.7
20		1	49	24.39	24.64	24.48	24.7
20		1	99	24.35	24.6	24.38	24.7
20		50	0	23.41	23.59	23.33	23.7
20		50	24	23.38	23.55	23.36	23.7
20		50	50	23.21	23.45	23.22	23.7
20		100	0	23.29	23.53	23.36	23.7
20	64QAM	1	0	23.39	23.63	23.45	23.7
20		1	49	23.4	23.61	23.48	23.7
20		1	99	23.23	23.46	23.25	23.7
20		50	0	22.47	22.59	22.44	22.7
20		50	24	22.4	22.53	22.32	22.7
20		50	50	22.35	22.54	22.4	22.7
20		100	0	22.48	22.6	22.37	22.7
20	256QAM	1	0	20.34	20.56	20.44	20.7
20		1	49	20.42	20.54	20.38	20.7
20		1	99	20.3	20.5	20.38	20.7
20		50	0	20.33	20.52	20.39	20.7
20		50	24	20.33	20.48	20.28	20.7
20		50	50	20.14	20.35	20.18	20.7
20		100	0	20.26	20.44	20.3	20.7
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	25.22	25.43	25.23	25.7
15		1	37	25.12	25.28	25.03	25.7
15		1

<LTE Band 25_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	25.09	25.19	25.13	25.7
20		1	49	24.8	25.01	24.9	25.7
20		1	99	24.81	24.96	24.77	25.7
20		50	0	24.11	24.26	24.12	24.7
20		50	24	23.93	24.11	23.91	24.7
20		50	50	24.01	24.18	24.09	24.7
20		100	0	23.94	24.09	23.98	24.7
20	16QAM	1	0	23.93	24.08	23.89	24.7
20		1	49	24.12	24.25	24.15	24.7
20		1	99	23.9	24.14	24.02	24.7
20		50	0	22.89	23.1	23.01	23.7
20		50	24	23.12	23.29	23.22	23.7
20		50	50	23.1	23.25	23.1	23.7
20		100	0	23.01	23.22	23.13	23.7
20	64QAM	1	0	23.02	23.21	23.03	23.7
20		1	49	23.13	23.27	23.07	23.7
20		1	99	23.13	23.25	23.14	23.7
20		50	0	21.97	22.17	22.05	22.7
20		50	24	22	22.21	22.04	22.7
20		50	50	22.11	22.25	22.13	22.7
20		100	0	22.02	22.19	22.07	22.7
20	256QAM	1	0	20.92	20.2	20.06	20.7
20		1	49	20.19	20.31	20.23	20.7
20		1	99	19.93	20.15	20.01	20.7
20		50	0	20.06	20.24	20.08	20.7
20		50	24	20.08	20.22	20.04	20.7
20		50	50	20.1	20.29	20.1	20.7
20		100	0	19.97	20.13	19.83	20.7
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	25.02	25.05	25.05	25.7
15		1	37	24.7	24.96	24.86	25.7
15		1	74	24.68	24.87	24.76	25.7
15		36	0	24.09	24.24	24.11	24.7
15		36	20	23.83	24.05	23.8	24.7
15		36	39	23.87	24.04	24.06	24.7
15		75	0	23.85	23.96	23.88	24.7
15	16QAM	1	0	23.79	24.04	23.81	24.7
15		1	37	24.01	24.23	24.05	24.7
15		1	74	23.81	24.03	23.94	24.7
15		36	0	22.83	23.06	22.99	23.7
15		36	20	23.1	23.15	23.13	23.7
15		36	39	23.03	23.16	23.08	23.7
15		75	0	22.91	23.1	22.99	23.7
15	64QAM	1	0	22.91	23.12	23	23.7
15		1	37	23.01	23.19	22.94	23.7
15		1	74	23.07	23.17	23.13	23.7
15		36	0	21.87	22.09	21.93	22.7
15		36	20	21.87	22.06	21.95	22.7
15		36	39	22.07	22.14	22	22.7
15		75	0	21.87	22.1	21.97	22.7
15	256QAM	1	0	19.88	20.18	20	20.7
15		1	37	20.09	20.29	20.18	20.7
15		1	74	19.9	20.09	19.92	20.7
15		36	0	20.05	20.2	20.03	20.7
15		36	20	19.96	20.11	19.95	20.7
15		36	39	20.01	20.22	20.05	20.7
15		75	0	19.94	20.08	19.88	20.7
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1853	1880	1910	
10	QPSK	1	0	25	25.07	24.99	25.7
10		1	25	24.71	24.91	24.84	25.7
10		1	49	24.73	24.87	24.71	25.7
10		25	0	24.1	24.19	24.06	24.7
10		25	12	23.91	24.07	23.78	24.7
10		25	25	23.89	24.12	24	24.7
10		50	0	23.88	24.07	23.88	24.7
10	16QAM	1	0	23.92	24.03	23.86	24.7
10		1	25	24.08	24.11	24.13	24.7
10		1	49	23.86	24.05	23.9	24.7
10		25	0	22.85	23.03	22.93	23.7
10		25	12	23.05	23.15	23.15	23.7
10		25	25	23.04	23.22	23.07	23.7
10		50	0	22.86	23.08	23	23.7
10	64QAM	1	0	23.01	23.11	22.89	23.7
10		1	25	23.08	23.19	22.97	23.7
10		1	49	23.04	23.13	23.06	23.7
10		25	0	21.84	22.16	22.03	22.7
10		25	12	21.94	22.12	22.02	22.7
10		25	25	22.07	22.22	22	22.7
10		50	0	21.97	22.09	21.95	22.7
10	256QAM	1	0	19.93	20.18	20.02	20.7
10		1	25	20.07	20.3	20.2	20.7
10		1	49	19.91	20.12	20	20.7
10		25	0	19.93	20.19	20.06	20.7
10		25	12	20.04	20.14	19.94	20.7
10		25	25	20.07	20.28	20.02	20.7
10		50	0	19.93	20.11	19.94	20.7
Channel				26002	26340	26965	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	25.07	25.11	25.06	25.7
5		1	12	24.73	24.88	24.7	25.7
5		1	24	24.67	24.88	24.65	25.7
5		12	0	24.1	24.14	24.07	24.7
5		12	7	23.83	23.99	23.88	24.7
5		12	13	24	24.16	24	24.7
5		25	0	23.82	23.99	23.9	24.7
5	16QAM	1	0	23.91	23.96	23.8	24.7
5		1	12	23.97	24.21	24.11	24.7
5		1	24	23.89	24.05	23.92	24.7
5		12	0	22.87	23.04	22.88	23.7
5		12	7	23.17	23.18	23.1	23.7
5		12	13	23.07	23.24	23	23.7
5		25	0	22.93	23.14	23.01	23.7
5	64QAM	1	0	22.96	23.16	22.99	23.7
5		1	12	23.01	23.2	22.99	23.7
5		1	24	23.08	23.14	23.03	23.7
5		12	0	21.91	22.1	21.93	22.7
5		12	7	21.98	22.09	21.91	22.7
5		12	13	22.04	22.21	22.01	22.7
5		25	0	21.9	22.15	22.01	22.7
5	256QAM	1	0	19.91	20.11	19.95	20.7
5		1	12	20.1	20.17	20.19	20.7
5		1	24	19.91	20.03	19.93	20.7
5		12	0	19.93	20.2	20.05	20.7
5		12	7	20.05	20.07	19.92	20.7
5		12	13	20.01	20.17	20.01	20.7
5		25	0	19.83	20.02	19.79	20.7
Channel				25932	26340	26815	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	25.06	25.05	24.99	25.7
3		1	8	24.69	24.98	24.78	25.7
3		1	14	24.72	24.87	24.67	25.7
3		8	0	24.06	24.24	23.99	24.7
3		8	4	23.81	24	23.77	24.7
3		8	7	23.95	24.07	23.99	24.7
3		15	0	23.92	24.02	23.9	24.7
3	16QAM	1	0	23.78	23.95	23.87	24.7
3		1	8	24.07	24.16	24.1	24.7
3		1	14	23.79	24.11	23.91	24.7
3		8	0	22.85	23.05	22.95	23.7
3		8	4	23.07	23.24	23.12	23.7
3		8	7	23.03	23.22	23.01	23.7
3		15	0	22.93	23.11	23.11	23.7
3	64QAM	1	0	22.9	23.19	22.99	23.7
3		1	8	23.01	23.24	23.05	23.7
3		1	14	23.04	23.17	23.07	23.7
3		8	0	21.85	22.15	21.95	22.7
3		8	4	21.97	22.14	21.92	22.7
3		8	7	21.98	22.16	22.01	22.7
3		15	0	21.99	22.08	21.96	22.7
3	256QAM	1	0	19.95	20.06	20	20.7
3		1	8	20.15	20.22	20.21	20.7
3		1	14	19.79	20.11	19.94	20.7
3		8	0	20.03	20.22	19.99	20.7
3		8	4	19.96	20.08	19.96	20.7
3		8	7	19.98	20.24	19.97	20.7
3		15	0	19.86	20.06	19.85	20.7
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	25.06	25.18	25.08	25.7
1.4		1	3	24.72	24.94	24.82	25.7
1.4		1	5	24.78	24.91	24.66	25.7
1.4		3	0	25.09	25.12	25.06	25.7
1.4		3	1	24.9	24.96	24.87	25.7
1.4		3	3	24.88	25.09	25.03	25.7
1.4		6	0	23.83	24	23.65	24.7
1.4	16QAM	1	0	23.97	24.06	23.88	24.7
1.4		1	3	24.1	24.15	24.05	24.7
1.4		1	5	23.87	24.02	23.95	24.7
1.4		3	0	23.87	24.06	23.92	24.7
1.4		3	1	24.01	24.21	24.21	24.7
1.4		3	3	24.02	24.16	24.01	24.7
1.4		6	0	22.94	23.1	23.02	23.7
1.4	64QAM	1	0	22.9	23.19	22.89	23.7
1.4		1	3	23.06	23.13	23.05	23.7
1.4		1	5	23.01	23.23	23	23.7
1.4		3	0	22.91	23.1	22.92	23.7
1.4		3	1	22.89	23.17	22.94	23.7
1.4		3	3	23.02	23.11	22.98	23.7
1.4		6	0	21.93	22.17	22.01	22.7
1.4	256QAM	1	0	19.98	20.06	19.97	20.7
1.4		1	3	20.13	20.18	20.16	20.7
1.4		1	5	19.83	20.07	19.93	20.7
1.4		3	0	19.97	20.22	20.07	20.7
1.4		3	1	20.05	20.15	20.02	20.7
1.4		3	3	19.96	20.2	19.96	20.7
1.4		6	0	19.86	20.09	19.86	20.7

<LTE Band 66_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	25.15	25.3	25.19	25.7
20		1	49	25.03	25.28	25.12	25.7
20		1	99	25.07	25.23	25.05	25.7
20		50	0	24.08	24.3	24.1	24.7
20		50	24	23.94	24.22	24.03	24.7
20		50	50	24.03	24.27	24.09	24.7
20		100	0	23.9	24.15	24	24.7
20	16QAM	1	0	24.35	24.55	24.32	24.7
20		1	49	24.33	24.55	24.42	24.7
20		1	99	24.33	24.6	24.41	24.7
20		50	0	23.09	23.28	23.12	23.7
20		50	24	23.01	23.28	23.11	23.7
20		50	50	23.1	23.29	23.13	23.7
20		100	0	22.6	22.86	22.74	23.7
20	64QAM	1	0	23.1	23.37	23.15	23.7
20		1	49	23.17	23.39	23.19	23.7
20		1	99	23.36	23.42	23.27	23.7
20		50	0	21.98	22.25	22.01	22.7
20		50	24	22.07	22.24	22.09	22.7
20		50	50	22.17	22.34	22.21	22.7
20		100	0	22.19	22.35	22.15	22.7
20	256QAM	1	0	20	20.24	20.12	20.7
20		1	49	20.29	20.45	20.22	20.7
20		1	99	20.21	20.35	20.13	20.7
20		50	0	20.13	20.33	20.21	20.7
20		50	24	19.98	20.19	20.04	20.7
20		50	50	20.06	20.27	20.16	20.7
20		100	0	20.02	20.16	19.98	20.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.04	25.21	25.08	25.7
15		1	37	25	25.25	25.01	25.7
15		1	74	24.99	25.18	25.03	25.7
15		36	0	24.04	24.25	23.99	24.7
15		36	20	23.91	24.16	23.99	24.7
15		36	39	24.01	24.13	23.95	24.7
15		75	0	23.89	24.06	23.96	24.7
15	16QAM	1	0	24.3	24.47	24.2	24.7
15		1	37	24.29	24.52	24.35	24.7
15		1	74	24.28	24.5	24.29	24.7
15		36	0	22.94	23.2	23.1	23.7
15		36	20	22.92	23.14	23.06	23.7
15		36	39	22.99	23.16	23.02	23.7
15		75	0	22.94	22.78	22.7	23.7
15	64QAM	1	0	23.08	23.22	23.07	23.7
15		1	37	23.13	23.38	23.12	23.7
15		1	74	23.18	23.29	23.17	23.7
15		36	0	21.87	22.15	21.92	22.7
15		36	20	22.04	22.14	22.06	22.7
15		36	39	22.07	22.25	22.17	22.7
15		75	0	22.16	22.24	22.12	22.7
15	256QAM	1	0	19.91	20.17	20.08	20.7
15		1	37	20.27	20.34	20.19	20.7
15		1	74	20.13	20.21	20.08	20.7
15		36	0	20.06	20.28	20.08	20.7
15		36	20	19.87	20.08	19.89	20.7
15		36	39	19.92	20.19	20.04	20.7
15		75	0	19.95	20.11	19.94	20.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	25.14	25.25	25.15	25.7
10		1	25	24.94	25.21	25	25.7
10		1	49	24.93	25.18	24.93	25.7
10		25	0	23.95	24.17	24.09	24.7
10		25	12	23.84	24.19	24	24.7
10		25	25	24.07	24.17	23.96	24.7
10		50	0	23.81	24.09	23.91	24.7
10	16QAM	1	0	24.24	24.47	24.23	24.7
10		1	25	24.21	24.54	24.32	24.7
10		1	49	24.21	24.54	24.31	24.7
10		25	0	23.01	23.23	23.11	23.7
10		25	12	22.97	23.26	23.06	23.7
10		25	25	22.98	23.16	23.04	23.7
10		50	0	22.57	22.82	22.67	23.7
10	64QAM	1	0	22.98	23.3	23.06	23.7
10		1	25	23.09	23.33	23.11	23.7
10		1	49	23.23	23.36	23.2	23.7
10		25	0	21.95	22.24	21.93	22.7
10		25	12	21.95	22.2	22.07	22.7
10		25	25	22.1	22.26	22.14	22.7
10		50	0	22.14	22.32	22.1	22.7
10	256QAM	1	0	19.96	20.13	20.01	20.7
10		1	25	20.15	20.43	20.11	20.7
10		1	49	20.09	20.22	20.01	20.7
10		25	0	20.1	20.22	20.09	20.7
10		25	12	19.89	20.05	19.86	20.7
10		25	25	19.95	20.13	20.09	20.7
10		50	0	19.9	20.06	19.83	20.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	25.08	25.21	25.14	25.7
5		1	12	24.89	25.2	25.07	25.7
5		1	24	25	25.22	24.93	25.7
5		12	0	24.01	24.16	23.97	24.7
5		12	7	23.89	24.14	24.06	24.7
5		12	13	24.08	24.25	24.02	24.7
5		25	0	23.8	24.11	23.86	24.7
5	16QAM	1	0	24.27	24.52	24.28	24.7
5		1	12	24.27	24.42	24.39	24.7
5		1	24	24.18	24.49	24.38	24.7
5		12	0	22.94	23.17	23.01	23.7
5		12	7	22.95	23.23	23.01	23.7
5		12	13	23.09	23.25	23.11	23.7
5		25	0	22.52	22.83	22.68	23.7
5	64QAM	1	0	23.07	23.34	23.13	23.7
5		1	12	23.09	23.37	23.1	23.7
5		1	24	23.25	23.4	23.13	23.7
5		12	0	21.93	22.18	21.95	22.7
5		12	7	21.95	22.22	21.94	22.7
5		12	13	22.12	22.28	22.12	22.7
5		25	0	22.05	22.34	22.06	22.7
5	256QAM	1	0	19.86	20.2	19.99	20.7
5		1	12	20.17	20.38	20.15	20.7
5		1	24	20.14	20.21	20.04	20.7
5		12	0	20.05	20.25	20.13	20.7
5		12	7	19.9	20.15	19.91	20.7
5		12	13	20.05	20.13	20.14	20.7
5		25	0	19.92	20.05	19.92	20.7
Channel				131897	132322	132747	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	25.07	25.26	25.15	25.7
3		1	8	25.01	25.16	25.08	25.7
3		1	14	24.94	25.21	25.03	25.7
3		8	0	24.05	24.22	24.02	24.7
3		8	4	23.86	24.18	23.97	24.7
3		8	7	23.94	24.23	24.02	24.7
3		15	0	23.83	24.11	23.92	24.7
3	16QAM	1	0	24.24	24.46	24.23	24.7
3		1	8	24.16	24.44	24.28	24.7
3		1	14	24.28	24.56	24.3	24.7
3		8	0	23.03	23.24	23.08	23.7
3		8	4	22.97	23.22	22.97	23.7
3		8	7	22.98	23.24	22.99	23.7
3		15	0	22.49	22.73	22.66	23.7
3	64QAM	1	0	23.03	23.25	23.07	23.7
3		1	8	23.05	23.36	23.15	23.7
3		1	14	23.19	23.33	23.18	23.7
3		8	0	21.88	22.2	21.99	22.7
3		8	4	21.94	22.11	22.06	22.7
3		8	7	22.15	22.26	22.07	22.7
3		15	0	22.14	22.2	22.01	22.7
3	256QAM	1	0	19.99	20.13	20	20.7
3		1	8	20.22	20.4	20.17	20.7
3		1	14	20.12	20.21	20.01	20.7
3		8	0	20.02	20.19	20.12	20.7
3		8	4	19.88	20.08	20.02	20.7
3		8	7	19.91	20.16	20.05	20.7
3		15	0	20.01	20.09	19.83	20.7
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1779.3	
1.4	QPSK	1	0	25.05	25.26	25.07	25.7
1.4		1	3	25.01	25.26	25.04	25.7
1.4		1	5	24.96	25.15	24.95	25.7
1.4		3	0	25.05	25.22	25	25.7
1.4		3	1	24.92	25.1	24.96	25.7
1.4		3	3	25	25.17	25	25.7
1.4		6	0	23.82	24.07	23.98	24.7
1.4	16QAM	1	0	24.31	24.45	24.27	24.7
1.4		1	3	24.32	24.42	24.41	24.7
1.4		1	5	24.23	24.46	24.32	24.7
1.4		3	0	23.95	24.25	24	24.7
1.4		3	1	23.97	24.25	24.03	24.7
1.4		3	3	24.09	24.22	24.11	24.7
1.4		6	0	22.52	22.78	22.61	23.7
1.4	64QAM	1	0	22.96	23.35	23.01	23.7
1.4		1	3	23.15	23.32	23.1	23.7
1.4		1	5	23.23	23.3	23.18	23.7
1.4		3	0	22.97	23.23	22.93	23.7
1.4		3	1	22.99	23.21	23.05	23.7
1.4		3	3	23.05	23.26	23.13	23.7
1.4		6	0	22.1	22.36	22.11	22.7
1.4	256QAM	1	0	19.9	20.11	20.08	20.7
1.4		1	3	20.17	20.3	20.19	20.7
1.4		1	5	20.16	20.25	19.99	20.7
1.4		3	0	20.01	20.31	20.15	20.7
1.4		3	1	19.91	20.08	20.02	20.7
1.4		3	3	19.95	20.15	20.05	20.7
1.4		6	0	19.89	20.1	19.91	20.7

<LTE Band 38_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.35	25.38	25.33	25.7
20		1	49	25.13	25.31	25.23	25.7
20		1	99	25.26	25.36	25.24	25.7
20		50	0	23.95	24.11	23.99	24.7
20		50	24	23.84	23.99	23.8	24.7
20		50	50	23.95	24.09	23.91	24.7
20		100	0	24.02	24.06	23.88	24.7
20	16QAM	1	0	23.94	23.99	23.9	24.7
20		1	49	23.87	24.02	23.87	24.7
20		1	99	23.89	24.06	23.99	24.7
20		50	0	22.98	23.03	22.84	23.7
20		50	24	22.99	23.14	22.99	23.7
20		50	50	23.06	23.14	23.05	23.7
20		100	0	23.02	23.12	22.97	23.7
20	64QAM	1	0	22.92	23.04	22.88	23.7
20		1	49	23.03	23.16	22.97	23.7
20		1	99	23.09	23.25	23.16	23.7
20		50	0	22.09	22.19	22.01	22.7
20		50	24	22.13	22.17	22	22.7
20		50	50	22.12	22.17	22.05	22.7
20		100	0	22.01	22.18	22.11	22.7
20	256QAM	1	0	20.11	20.17	20.08	20.7
20		1	49	19.96	20.08	20.02	20.7
20		1	99	19.94	20.01	19.82	20.7
20		50	0	20.01	20.05	19.95	20.7
20		50	24	20.09	20.19	20.06	20.7
20		50	50	20.12	20.22	20.04	20.7
20		100	0	20.07	20.11	19.92	20.7
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.29	25.35	25.21	25.7
15		1	37	25.08	25.26	25.2	25.7
15		1	74	25.16	25.26	25.16	25.7
15		36	0	23.87	24.06	23.96	24.7
15		36	20	23.77	23.97	23.66	24.7
15		36	39	23.85	23.98	23.86	24.7
15		75	0	23.87	23.97	23.85	24.7
15	16QAM	1	0	23.8	23.88	23.75	24.7
15		1	37	23.74	23.97	23.85	24.7
15		1	74	23.75	24	23.85	24.7
15		36	0	22.86	22.94	22.72	23.7
15		36	20	22.94	23.12	22.92	23.7
15		36	39	23.05	23.11	23.03	23.7
15		75	0	23	23.02	22.9	23.7
15	64QAM	1	0	22.79	23.01	22.83	23.7
15		1	37	22.89	23.06	22.9	23.7
15		1	74	22.98	23.23	23.03	23.7
15		36	0	21.99	22.08	21.88	22.7
15		36	20	22.01	22.05	21.9	22.7
15		36	39	22.11	22.16	22.02	22.7
15		75	0	21.93	22.1	22.08	22.7
15	256QAM	1	0	19.99	20.08	20.06	20.7
15		1	37	19.92	19.99	19.94	20.7
15		1	74	19.87	19.9	19.67	20.7
15		36	0	20	19.97	19.88	20.7
15		36	20	19.97	20.17	20.02	20.7
15		36	39	20.01	20.14	20.02	20.7
15		75	0	20.02	20.04	19.83	20.7
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.24	25.36	25.18	25.7
10		1	25	25.07	25.21	25.19	25.7
10		1	49	25.23	25.31	25.18	25.7
10		25	0	23.93	24.08	23.97	24.7
10		25	12	23.72	23.91	23.71	24.7
10		25	25	23.85	24.03	23.77	24.7
10		50	0	23.96	23.92	23.81	24.7
10	16QAM	1	0	23.87	23.87	23.81	24.7
10		1	25	23.78	23.98	23.73	24.7
10		1	49	23.87	24.04	23.88	24.7
10		25	0	22.94	23	22.75	23.7
10		25	12	22.9	23.03	22.88	23.7
10		25	25	22.97	23.12	22.94	23.7
10		50	0	22.97	22.98	22.86	23.7
10	64QAM	1	0	22.89	23.02	22.76	23.7
10		1	25	22.96	23.02	22.92	23.7
10		1	49	23.03	23.16	23.04	23.7
10		25	0	21.99	22.14	21.97	22.7
10		25	12	22.02	22.07	21.86	22.7
10		25	25	22	22.07	22.02	22.7
10		50	0	21.95	22.09	22.04	22.7
10	256QAM	1	0	20.1	20.03	20.01	20.7
10		1	25	19.85	20.04	19.93	20.7
10		1	49	19.9	19.99	19.77	20.7
10		25	0	19.89	20.02	19.8	20.7
10		25	12	20	20.11	19.99	20.7
10		25	25	20.09	20.09	19.98	20.7
10		50	0	19.96	20.03	19.82	20.7
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.27	25.36	25.24	25.7
5		1	12	25.06	25.26	25.1	25.7
5		1	24	25.19	25.32	25.22	25.7
5		12	0	23.89	24.08	23.96	24.7
5		12	7	23.74	23.86	23.76	24.7
5		12	13	23.87	23.98	23.79	24.7
5		25	0	23.9	23.96	23.84	24.7
5	16QAM	1	0	23.9	23.95	23.84	24.7
5		1	12	23.81	23.88	23.81	24.7
5		1	24	23.76	23.98	23.91	24.7
5		12	0	22.85	22.99	22.74	23.7
5		12	7	22.97	23.05	22.86	23.7
5		12	13	22.97	23.04	23.04	23.7
5		25	0	22.93	23.01	22.92	23.7
5	64QAM	1	0	22.88	23	22.76	23.7
5		1	12	22.96	23.04	22.94	23.7
5		1	24	23.01	23.13	23.14	23.7
5		12	0	22.04	22.12	21.92	22.7
5		12	7	22.02	22.05	21.97	22.7
5		12	13	22.05	22.09	21.99	22.7
5		25	0	21.89	22.06	22.01	22.7
5	256QAM	1	0	19.98	20.13	20.06	20.7
5		1	12	19.93	19.98	19.88	20.7
5		1	24	19.85	19.98	19.8	20.7
5		12	0	19.95	19.94	19.83	20.7
5		12	7	20.01	20.12	19.92	20.7
5		12	13	20	20.11	19.94	20.7
5		25	0	19.99	20.03	19.89	20.7

<LTE Band 41_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.37	25.41	25.42	25.26	25.31	25.7
20		1	49	25.23	25.23	25.34	25.12	25.2	25.7
20		1	99	25.06	25.15	25.2	24.91	25.07	25.7
20		50	0	24.27	24.31	24.42	24.23	24.28	24.7
20		50	24	24.33	24.28	24.39	24.16	24.22	24.7
20		50	50	24.26	24.29	24.4	24.14	24.15	24.7
20		100	0	24.22	24.26	24.36	24.18	24.22	24.7
20	16QAM	1	0	24.25	24.36	24.39	24.19	24.16	24.7
20		1	49	24.37	24.41	24.44	24.21	24.21	24.7
20		1	99	24.27	24.22	24.35	24.17	24.21	24.7
20		50	0	23.25	23.31	23.4	23.14	23.15	23.7
20		50	24	23.27	23.31	23.41	23.2	23.2	23.7
20		50	50	23.33	23.39	23.42	23.17	23.18	23.7
20		100	0	23.26	23.36	23.42	23.24	23.29	23.7
20	64QAM	1	0	23.19	23.23	23.34	23.07	23.16	23.7
20		1	49	23.26	23.29	23.39	23.16	23.28	23.7
20		1	99	23.13	23.2	23.27	22.99	23.08	23.7
20		50	0	22.31	22.4	22.46	22.26	22.34	22.7
20		50	24	22.32	22.36	22.4	22.24	22.25	22.7
20		50	50	22.26	22.35	22.42	22.2	22.27	22.7
20		100	0	22.35	22.3	22.43	22.17	22.23	22.7
20	256QAM	1	0	20.28	20.22	20.38	20.14	20.16	20.7
20		1	49	20.21	20.34	20.36	20.15	20.19	20.7
20		1	99	20.18	20.22	20.37	20.21	20.2	20.7
20		50	0	20.3	20.3	20.43	20.25	20.21	20.7
20		50	24	20.3	20.38	20.45	20.24	20.25	20.7
20		50	50	20.39	20.41	20.46	20.26	20.28	20.7
20		100	0	20.26	20.33	20.41	20.15	20.25	20.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.31	25.4	25.28	25.11	25.23	25.7
15		1	37	25.21	25.18	25.29	25.09	25.08	25.7
15		1	74	25.02	25.07	25.09	24.78	25.04	25.7
15		36	0	24.25	24.27	24.32	24.19	24.16	24.7
15		36	20	24.22	24.18	24.35	24.13	24.09	24.7
15		36	39	24.12	24.23	24.31	24.12	24.06	24.7
15		75	0	24.2	24.16	24.32	24.15	24.1	24.7
15	16QAM	1	0	24.11	24.24	24.24	24.1	24.1	24.7
15		1	37	24.25	24.32	24.41	24.1	24.13	24.7
15		1	74	24.12	24.17	24.29	24.14	24.14	24.7
15		36	0	23.23	23.26	23.27	23.06	23.03	23.7
15		36	20	23.2	23.28	23.3	23.1	23.08	23.7
15		36	39	23.27	23.34	23.32	23.13	23.1	23.7
15		75	0	23.17	23.3	23.28	23.19	23.27	23.7
15	64QAM	1	0	23.05	23.11	23.25	23.03	23.07	23.7
15		1	37	23.19	23.16	23.33	23.09	23.26	23.7
15		1	74	23.09	23.16	23.18	22.95	22.97	23.7
15		36	0	22.29	22.34	22.43	22.17	22.31	22.7
15		36	20	22.18	22.3	22.37	22.13	22.23	22.7
15		36	39	22.22	22.25	22.33	22.11	22.22	22.7
15		75	0	22.22	22.17	22.42	22.12	22.2	22.7
15	256QAM	1	0	20.21	20.2	20.3	20.01	20.04	20.7
15		1	37	20.15	20.26	20.31	20.08	20.11	20.7
15		1	74	20.03	20.17	20.27	20.17	20.08	20.7
15		36	0	20.21	20.21	20.4	20.15	20.18	20.7
15		36	20	20.23	20.29	20.39	20.15	20.16	20.7
15		36	39	20.33	20.34	20.31	20.13	20.21	20.7
15		75	0	20.19	20.24	20.31	20	20.13	20.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.35	25.39	25.35	25.16	25.29	25.7
10		1	25	25.12	25.22	25.2	24.98	25.12	25.7
10		1	49	24.95	25.02	25.14	24.8	25.05	25.7
10		25	0	24.14	24.18	24.27	24.15	24.2	24.7
10		25	12	24.29	24.2	24.36	24.1	24.08	24.7
10		25	25	24.17	24.2	24.32	24	24.08	24.7
10		50	0	24.11	24.2	24.25	24.07	24.11	24.7
10	16QAM	1	0	24.19	24.34	24.29	24.04	24.12	24.7
10		1	25	24.25	24.27	24.29	24.09	24.17	24.7
10		1	49	24.17	24.2	24.22	24.14	24.17	24.7
10		25	0	23.17	23.16	23.35	23.07	23.06	23.7
10		25	12	23.13	23.29	23.33	23.12	23.17	23.7
10		25	25	23.23	23.24	23.38	23.11	23.08	23.7
10		50	0	23.17	23.21	23.37	23.18	23.22	23.7
10	64QAM	1	0	23.13	23.22	23.21	23.01	23.05	23.7
10		1	25	23.23	23.16	23.33	23.02	23.13	23.7
10		1	49	23.06	23.09	23.25	22.88	22.96	23.7
10		25	0	22.22	22.32	22.36	22.15	22.21	22.7
10		25	12	22.3	22.3	22.37	22.16	22.19	22.7
10		25	25	22.24	22.2	22.38	22.16	22.13	22.7
10		50	0	22.34	22.15	22.32	22.12	22.19	22.7
10	256QAM	1	0	20.26	20.16	20.35	20.11	20.06	20.7
10		1	25	20.2	20.29	20.3	20.14	20.14	20.7
10		1	49	20.11	20.18	20.26	20.08	20.14	20.7
10		25	0	20.25	20.18	20.39	20.21	20.07	20.7
10		25	12	20.18	20.24	20.34	20.2	20.22	20.7
10		25	25	20.27	20.37	20.37	20.18	20.24	20.7
10		50	0	20.2	20.22	20.33	20.09	20.18	20.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.31	25.36	25.38	25.24	25.17	25.7
5		1	12	25.22	25.17	25.25	25.08	25.13	25.7
5		1	24	24.99	25.1	25.13	24.81	24.92	25.7
5		12	0	24.19	24.27	24.31	24.11	24.25	24.7
5		12	7	24.25	24.18	24.27	24.1	24.13	24.7
5		12	13	24.14	24.15	24.34	24.05	24.06	24.7
5		25	0	24.08	24.19	24.32	24.15	24.2	24.7
5	16QAM	1	0	24.16	24.32	24.37	24.13	24.1	24.7
5		1	12	24.24	24.31	24.29	24.09	24.15	24.7
5		1	24	24.21	24.11	24.33	24.08	24.17	24.7
5		12	0	23.22	23.26	23.3	23.06	23.06	23.7
5		12	7	23.22	23.24	23.36	23.13	23.06	23.7
5		12	13	23.3	23.28	23.39	23.06	23.09	23.7
5		25	0	23.12	23.26	23.31	23.21	23.24	23.7
5	64QAM	1	0	23.15	23.08	23.29	22.96	23.12	23.7
5		1	12	23.13	23.16	23.35	23.07	23.16	23.7
5		1	24	23.11	23.12	23.13	22.94	22.99	23.7
5		12	0	22.24	22.36	22.4	22.23	22.27	22.7
5		12	7	22.26	22.34	22.35	22.15	22.18	22.7
5		12	13	22.16	22.21	22.35	22.13	22.17	22.7
5		25	0	22.24	22.22	22.37	22.09	22.16	22.7
5	256QAM	1	0	20.13	20.19	20.36	19.99	20.04	20.7
5		1	12	20.08	20.28	20.25	20.07	20.06	20.7
5		1	24	20.05	20.07	20.3	20.14	20.11	20.7
5		12	0	20.25	20.2	20.34	20.14	20.18	20.7
5		12	7	20.27	20.29	20.41	20.14	20.14	20.7
5		12	13	20.29	20.31	20.35	20.24	20.24	20.7
5		25	0	20.23	20.31	20.32	20.12	20.16	20.7

<LTE Band 42 (27Q)_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42100	42590	42890	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	25.4	25.44	25.43	25.7
20		1	49	25.29	25.42	25.35	25.7
20		1	99	25.21	25.36	25.24	25.7
20		50	0	24.31	24.46	24.38	24.7
20		50	24	24.21	24.39	24.36	24.7
20		50	50	24.4	24.45	24.36	24.7
20		100	0	24.23	24.41	24.31	24.7
20	16QAM	1	0	24.47	24.53	24.47	24.7
20		1	49	24.3	24.4	24.38	24.7
20		1	99	24.24	24.33	24.2	24.7
20		50	0	23.21	23.36	23.31	23.7
20		50	24	23.37	23.42	23.27	23.7
20		50	50	23.3	23.41	23.35	23.7
20		100	0	23.22	23.34	23.25	23.7
20	64QAM	1	0	23.21	23.34	23.26	23.7
20		1	49	23.22	23.37	23.28	23.7
20		1	99	23.23	23.31	23.28	23.7
20		50	0	22.24	22.36	22.26	22.7
20		50	24	22.22	22.37	22.35	22.7
20		50	50	22.29	22.43	22.29	22.7
20		100	0	22.22	22.36	22.21	22.7
20	256QAM	1	0	20.23	20.3	20.22	20.7
20		1	49	20.2	20.36	20.3	20.7
20		1	99	20.14	20.24	20.13	20.7
20		50	0	20.23	20.4	20.29	20.7
20		50	24	20.32	20.39	20.28	20.7
20		50	50	20.23	20.39	20.23	20.7
20		100	0	20.28	20.34	20.19	20.7
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	25.31	25.37	25.39	25.7
15		1	37	25.18	25.33	25.33	25.7
15		1	74	25.15	25.29	25.15	25.7
15		36	0	24.28	24.44	24.23	24.7
15		36	20	24.19	24.28	24.31	24.7
15		36	39	24.35	24.41	24.24	24.7
15		75	0	24.21	24.26	24.21	24.7
15	16QAM	1	0	24.45	24.38	24.36	24.7
15		1	37	24.29	24.39	24.25	24.7
15		1	74	24.12	24.23	24.11	24.7
15		36	0	23.14	23.25	23.29	23.7
15		36	20	23.26	23.35	23.17	23.7
15		36	39	23.21	23.29	23.28	23.7
15		75	0	23.09	23.26	23.21	23.7
15	64QAM	1	0	23.07	23.22	23.2	23.7
15		1	37	23.08	23.25	23.21	23.7
15		1	74	23.08	23.17	23.16	23.7
15		36	0	22.17	22.3	22.22	22.7
15		36	20	22.13	22.31	22.2	22.7
15		36	39	22.17	22.42	22.2	22.7
15		75	0	22.16	22.26	22.09	22.7
15	256QAM	1	0	20.09	20.19	20.13	20.7
15		1	37	20.09	20.28	20.17	20.7
15		1	74	20.05	20.11	20.1	20.7
15		36	0	20.1	20.28	20.26	20.7
15		36	20	20.3	20.32	20.18	20.7
15		36	39	20.17	20.28	20.2	20.7
15		75	0	20.23	20.23	20.07	20.7
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	25.33	25.41	25.36	25.7
10		1	25	25.21	25.33	25.29	25.7
10		1	49	25.14	25.32	25.22	25.7
10		25	0	24.2	24.35	24.36	24.7
10		25	12	24.1	24.32	24.32	24.7
10		25	25	24.35	24.37	24.25	24.7
10		50	0	24.15	24.4	24.18	24.7
10	16QAM	1	0	24.37	24.45	24.38	24.7
10		1	25	24.23	24.32	24.3	24.7
10		1	49	24.18	24.21	24.06	24.7
10		25	0	23.16	23.28	23.24	23.7
10		25	12	23.33	23.38	23.21	23.7
10		25	25	23.2	23.4	23.32	23.7
10		50	0	23.15	23.28	23.22	23.7
10	64QAM	1	0	23.13	23.28	23.21	23.7
10		1	25	23.14	23.3	23.16	23.7
10		1	49	23.13	23.29	23.26	23.7
10		25	0	22.11	22.32	22.24	22.7
10		25	12	22.17	22.28	22.29	22.7
10		25	25	22.24	22.33	22.25	22.7
10		50	0	22.21	22.25	22.12	22.7
10	256QAM	1	0	20.21	20.26	20.1	20.7
10		1	25	20.11	20.22	20.19	20.7
10		1	49	20.09	20.21	20.11	20.7
10		25	0	20.19	20.37	20.15	20.7
10		25	12	20.27	20.35	20.17	20.7
10		25	25	20.09	20.29	20.08	20.7
10		50	0	20.15	20.24	20.17	20.7
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	25.3	25.42	25.29	25.7
5		1	12	25.15	25.29	25.22	25.7
5		1	24	25.08	25.26	25.09	25.7
5		12	0	24.19	24.44	24.23	24.7
5		12	7	24.12	24.3	24.26	24.7
5		12	13	24.34	24.31	24.23	24.7
5		25	0	24.2	24.36	24.27	24.7
5	16QAM	1	0	24.41	24.52	24.38	24.7
5		1	12	24.24	24.3	24.24	24.7
5		1	24	24.23	24.3	24.18	24.7
5		12	0	23.19	23.27	23.19	23.7
5		12	7	23.35	23.37	23.25	23.7
5		12	13	23.17	23.37	23.2	23.7
5		25	0	23.15	23.29	23.2	23.7
5	64QAM	1	0	23.19	23.23	23.13	23.7
5		1	12	23.11	23.34	23.16	23.7
5		1	24	23.12	23.28	23.2	23.7
5		12	0	22.12	22.34	22.17	22.7
5		12	7	22.08	22.29	22.22	22.7
5		12	13	22.2	22.36	22.18	22.7
5		25	0	22.14	22.29	22.12	22.7
5	256QAM	1	0	20.22	20.25	20.11	20.7
5		1	12	20.07	20.29	20.26	20.7
5		1	24	20.1	20.18	20.09	20.7
5		12	0	20.09	20.26	20.27	20.7
5		12	7	20.2	20.26	20.21	20.7
5		12	13	20.16	20.31	20.15	20.7
5		25	0	20.16	20.21	20.1	20.7

<LTE Band 48_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.91	24.08	24.19	24.18	23.94	25
20		1	49	23.86	23.92	24.17	24.04	23.87	25
20		1	99	23.73	23.96	24.11	23.97	23.84	25
20		50	0	22.98	23.18	23.3	23.19	22.91	24
20		50	24	22.98	23.07	23.3	23.23	22.96	24
20		50	50	22.93	23.12	23.29	23.16	23.02	24
20		100	0	22.92	23.12	23.32	23.18	23.05	24
20	16QAM	1	0	22.97	23.08	23.27	23.14	23.02	24
20		1	49	23.28	23.39	23.58	23.49	23.3	24
20		1	99	22.94	23.02	23.22	23.12	22.92	24
20		50	0	21.94	22.16	22.29	22.21	21.97	23
20		50	24	21.93	22.06	22.29	22.22	21.94	23
20		50	50	22	22.1	22.29	22.19	22.05	23
20		100	0	21.91	22.05	22.2	22.14	21.93	23
20	64QAM	1	0	21.83	21.97	22.18	22.04	21.82	23
20		1	49	21.94	22.13	22.24	22.19	21.92	23
20		1	99	21.9	22.07	22.23	22.13	21.9	23
20		50	0	21.02	21.08	21.29	21.23	20.99	22
20		50	24	20.94	21.2	21.31	21.25	21.01	22
20		50	50	20.98	21.14	21.29	21.18	21.05	22
20		100	0	20.94	21.06	21.24	21.2	20.9	22
20	256QAM	1	0	18.9	18.95	19.15	19.09	18.9	20
20		1	49	19.1	19.24	19.41	19.31	19.08	20
20		1	99	18.7	18.96	19.06	18.94	18.76	20
20		50	0	19.04	19.13	19.31	19.17	19.01	20
20		50	24	18.97	19.17	19.27	19.13	18.99	20
20		50	50	19.04	19.18	19.28	19.22	18.98	20
20		100	0	18.99	19.05	19.27	19.14	18.94	20
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.84	23.99	24.13	24.17	23.81	25
15		1	37	23.72	23.85	24.1	24	23.75	25
15		1	74	23.62	23.92	24.06	23.93	23.77	25
15		36	0	22.91	23.16	23.25	23.17	22.78	24
15		36	20	22.85	22.97	23.17	23.14	22.88	24
15		36	39	22.81	22.98	23.19	23.12	22.99	24
15		75	0	22.78	23.09	23.24	23.13	23.03	24
15	16QAM	1	0	22.91	22.99	23.19	23.11	23	24
15		1	37	23.2	23.31	23.43	23.38	23.26	24
15		1	74	22.86	22.87	23.12	23.03	22.85	24
15		36	0	21.91	22.08	22.19	22.15	21.86	23
15		36	20	21.8	22.01	22.24	22.17	21.89	23
15		36	39	21.91	22	22.17	22.09	21.96	23
15		75	0	21.87	22.02	22.17	22.03	21.79	23
15	64QAM	1	0	21.71	21.91	22.08	22.02	21.77	23
15		1	37	21.89	22.1	22.13	22.05	21.81	23
15		1	74	21.76	21.92	22.16	22.11	21.77	23
15		36	0	20.96	20.95	21.16	21.1	20.9	22
15		36	20	20.82	21.05	21.25	21.17	20.86	22
15		36	39	20.95	21.09	21.26	21.14	21.02	22
15		75	0	20.92	20.98	21.21	21.19	20.81	22
15	256QAM	1	0	18.86	18.91	19.08	19.05	18.85	20
15		1	37	19.01	19.12	19.35	19.18	18.97	20
15		1	74	18.57	18.85	19.04	18.87	18.63	20
15		36	0	18.94	19.11	19.21	19.11	18.86	20
15		36	20	18.83	19.02	19.12	18.98	18.86	20
15		36	39	18.9	19.11	19.22	19.19	18.97	20
15		75	0	18.89	18.95	19.14	19.07	18.92	20
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.84	24.05	24.08	24.08	23.9	25
10		1	25	23.78	23.88	24.06	24.01	23.8	25
10		1	49	23.66	23.94	24.07	23.95	23.73	25
10		25	0	22.93	23.09	23.21	23.11	22.77	24
10		25	12	22.84	22.93	23.26	23.18	22.9	24
10		25	25	22.81	22.98	23.19	23.07	22.97	24
10		50	0	22.88	23	23.26	23.07	22.92	24
10	16QAM	1	0	22.9	23.06	23.21	23.04	22.96	24
10		1	25	23.22	23.32	23.5	23.38	23.26	24
10		1	49	22.83	22.92	23.08	23.04	22.79	24
10		25	0	21.79	22.02	22.27	22.13	21.95	23
10		25	12	21.92	21.95	22.15	22.16	21.91	23
10		25	25	21.94	22	22.2	22.1	21.96	23
10		50	0	21.85	22.02	22.14	22.11	21.81	23
10	64QAM	1	0	21.71	21.9	22.04	22.02	21.76	23
10		1	25	21.85	21.99	22.11	22.14	21.82	23
10		1	49	21.87	21.94	22.14	22.11	21.77	23
10		25	0	20.94	20.98	21.15	21.15	20.92	22
10		25	12	20.86	21.19	21.17	21.16	20.92	22
10		25	25	20.95	21.08	21.21	21.09	21	22
10		50	0	20.8	21.05	21.15	21.1	20.85	22
10	256QAM	1	0	18.82	18.89	19.02	18.98	18.87	20
10		1	25	19.06	19.15	19.28	19.24	18.93	20
10		1	49	18.59	18.81	18.94	18.81	18.71	20
10		25	0	18.99	19.04	19.24	19.14	18.91	20
10		25	12	18.85	19.15	19.14	19	18.92	20
10		25	25	19	19.12	19.15	19.18	18.89	20
10		50	0	18.91	19.01	19.12	19.03	18.8	20
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.81	23.99	24.13	24.07	23.91	25
5		1	12	23.85	23.85	24.11	24.03	23.8	25
5		1	24	23.69	23.95	24.03	23.83	23.78	25
5		12	0	22.93	23.11	23.2	23.05	22.84	24
5		12	7	22.84	22.93	23.26	23.13	22.93	24
5		12	13	22.84	23	23.2	23.04	22.89	24
5		25	0	22.8	23.07	23.28	23.08	22.98	24
5	16QAM	1	0	22.92	23.02	23.2	23.01	22.97	24
5		1	12	23.16	23.33	23.55	23.39	23.25	24
5		1	24	22.82	22.89	23.21	23	22.9	24
5		12	0	21.83	22.14	22.22	22.19	21.87	23
5		12	7	21.89	22.03	22.23	22.11	21.82	23
5		12	13	21.88	21.95	22.25	22.14	22.02	23
5		25	0	21.82	21.9	22.05	21.99	21.82	23
5	64QAM	1	0	21.69	21.94	22.16	22.03	21.69	23
5		1	12	21.89	22.1	22.2	22.12	21.85	23
5		1	24	21.79	21.98	22.19	22	21.83	23
5		12	0	20.9	20.94	21.16	21.13	20.93	22
5		12	7	20.83	21.15	21.24	21.17	20.94	22
5		12	13	20.87	21.03	21.2	21.07	20.97	22
5		25	0	20.81	20.95	21.2	21.06	20.75	22
5	256QAM	1	0	18.8	18.81	19.02	18.97	18.77	20
5		1	12	19.05	19.13	19.28	19.2	19.05	20
5		1	24	18.57	18.88	19.04	18.84	18.63	20
5		12	0	18.92	19.02	19.24	19.03	18.93	20
5		12	7	18.91	19.11	19.17	19.02	18.85	20
5		12	13	19.03	19.15	19.15	19.1	18.92	20
5		25	0	18.91	19.03	19.22	19.11	18.86	20

<LTE Band 2_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.69	24.75	24.63	25.5
20		1	49	24.36	24.56	24.29	25.5
20		1	99	24.45	24.53	24.27	25.5
20		50	0	23.67	23.81	23.5	24.5
20		50	24	23.7	23.79	23.61	24.5
20		50	50	23.6	23.74	23.55	24.5
20		100	0	23.6	23.76	23.65	24.5
20	16QAM	1	0	23.73	23.91	23.77	24.5
20		1	49	23.84	23.93	23.76	24.5
20		1	99	23.93	24.03	23.87	24.5
20		50	0	22.61	22.68	22.52	23.5
20		50	24	22.72	22.81	22.65	23.5
20		50	50	22.66	22.77	22.6	23.5
20		100	0	22.63	22.8	22.6	23.5
20	64QAM	1	0	22.57	22.77	22.6	23.5
20		1	49	22.64	22.99	22.64	23.5
20		1	99	22.69	22.89	22.66	23.5
20		50	0	21.64	21.72	21.55	22.5
20		50	24	21.71	21.84	21.59	22.5
20		50	50	21.58	21.71	21.54	22.5
20		100	0	21.64	21.82	21.66	22.5
20	256QAM	1	0	19.63	19.74	19.6	20.5
20		1	49	19.78	19.85	19.69	20.5
20		1	99	19.58	19.67	19.51	20.5
20		50	0	19.6	19.73	19.62	20.5
20		50	24	19.61	19.79	19.62	20.5
20		50	50	19.6	19.72	19.55	20.5
20		100	0	19.53	19.65	19.42	20.5
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.59	24.65	24.58	25.5
15		1	37	24.29	24.42	24.17	25.5
15		1	74	24.34	24.46	24.2	25.5
15		36	0	23.38	23.62	23.42	24.5
15		36	20	23.65	23.68	23.46	24.5
15		36	39	23.5	23.61	23.45	24.5
15		75	0	23.54	23.72	23.5	24.5
15	16QAM	1	0	23.66	23.88	23.62	24.5
15		1	37	23.79	23.91	23.68	24.5
15		1	74	23.82	23.88	23.65	24.5
15		36	0	22.51	22.59	22.45	23.5
15		36	20	22.65	22.79	22.56	23.5
15		36	39	22.61	22.67	22.58	23.5
15		75	0	22.48	22.77	22.51	23.5
15	64QAM	1	0	22.45	22.66	22.53	23.5
15		1	37	22.78	22.95	22.77	23.5
15		1	74	22.62	22.79	22.63	23.5
15		36	0	21.53	21.58	21.51	22.5
15		36	20	21.7	21.77	21.5	22.5
15		36	39	21.42	21.62	21.43	22.5
15		75	0	21.63	21.75	21.63	22.5
15	256QAM	1	0	19.58	19.7	19.53	20.5
15		1	37	19.65	19.79	19.56	20.5
15		1	74	19.53	19.59	19.42	20.5
15		36	0	19.53	19.63	19.51	20.5
15		36	20	19.47	19.69	19.5	20.5
15		36	39	19.51	19.69	19.43	20.5
15		75	0	19.4	19.56	19.39	20.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
10	QPSK	1	0	24.59	24.65	24.46	25.5
10		1	25	24.25	24.43	24.25	25.5
10		1	49	24.35	24.38	24.21	25.5
10		25	0	23.64	23.65	23.36	24.5
10		25	12	23.56	23.74	23.54	24.5
10		25	25	23.52	23.64	23.49	24.5
10		50	0	23.56	23.73	23.63	24.5
10	16QAM	1	0	23.7	23.86	23.79	24.5
10		1	25	23.76	23.81	23.73	24.5
10		1	49	23.83	23.96	23.82	24.5
10		25	0	22.58	22.65	22.47	23.5
10		25	12	22.6	22.76	22.51	23.5
10		25	25	22.57	22.74	22.56	23.5
10		50	0	22.59	22.68	22.47	23.5
10	64QAM	1	0	22.53	22.71	22.52	23.5
10		1	25	22.81	22.87	22.8	23.5
10		1	49	22.57	22.76	22.55	23.5
10		25	0	21.58	21.62	21.43	22.5
10		25	12	21.65	21.83	21.54	22.5
10		25	25	21.48	21.58	21.48	22.5
10		50	0	21.58	21.79	21.56	22.5
10	256QAM	1	0	19.55	19.61	19.54	20.5
10		1	25	19.76	19.83	19.6	20.5
10		1	49	19.44	19.52	19.49	20.5
10		25	0	19.46	19.64	19.5	20.5
10		25	12	19.58	19.72	19.52	20.5
10		25	25	19.51	19.59	19.42	20.5
10		50	0	19.5	19.58	19.36	20.5
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.67	24.68	24.57	25.5
5		1	12	24.32	24.43	24.15	25.5
5		1	24	24.42	24.45	24.19	25.5
5		12	0	23.61	23.67	23.41	24.5
5		12	7	23.57	23.76	23.51	24.5
5		12	13	23.54	23.73	23.5	24.5
5		25	0	23.57	23.69	23.52	24.5
5	16QAM	1	0	23.63	23.89	23.69	24.5
5		1	12	23.71	23.85	23.65	24.5
5		1	24	23.85	23.94	23.85	24.5
5		12	0	22.59	22.67	22.39	23.5
5		12	7	22.61	22.79	22.56	23.5
5		12	13	22.58	22.69	22.58	23.5
5		25	0	22.49	22.7	22.49	23.5
5	64QAM	1	0	22.58	22.75	22.45	23.5
5		1	12	22.78	22.95	22.75	23.5
5		1	24	22.57	22.87	22.64	23.5
5		12	0	21.59	21.67	21.43	22.5
5		12	7	21.58	21.71	21.49	22.5
5		12	13	21.55	21.65	21.39	22.5
5		25	0	21.63	21.78	21.59	22.5
5	256QAM	1	0	19.5	19.72	19.46	20.5
5		1	12	19.7	19.75	19.67	20.5
5		1	24	19.5	19.62	19.42	20.5
5		12	0	19.55	19.58	19.55	20.5
5		12	7	19.5	19.66	19.54	20.5
5		12	13	19.59	19.7	19.51	20.5
5		25	0	19.4	19.57	19.29	20.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.59	24.62	24.58	25.5
3		1	8	24.31	24.47	24.16	25.5
3		1	14	24.38	24.48	24.14	25.5
3		8	0	23.58	23.68	23.49	24.5
3		8	4	23.68	23.77	23.49	24.5
3		8	7	23.53	23.63	23.46	24.5
3		15	0	23.57	23.68	23.61	24.5
3	16QAM	1	0	23.6	23.86	23.75	24.5
3		1	8	23.71	23.79	23.73	24.5
3		1	14	23.85	23.96	23.72	24.5
3		8	0	22.58	22.62	22.5	23.5
3		8	4	22.66	22.74	22.56	23.5
3		8	7	22.6	22.72	22.53	23.5
3		15	0	22.48	22.69	22.52	23.5
3	64QAM	1	0	22.53	22.66	22.55	23.5
3		1	8	22.75	22.9	22.72	23.5
3		1	14	22.66	22.87	22.57	23.5
3		8	0	21.62	21.61	21.47	22.5
3		8	4	21.57	21.69	21.54	22.5
3		8	7	21.44	21.68	21.46	22.5
3		15	0	21.54	21.75	21.53	22.5
3	256QAM	1	0	19.48	19.7	19.57	20.5
3		1	8	19.74	19.76	19.62	20.5
3		1	14	19.42	19.63	19.45	20.5
3		8	0	19.52	19.62	19.54	20.5
3		8	4	19.49	19.68	19.56	20.5
3		8	7	19.54	19.58	19.5	20.5
3		15	0	19.44	19.6	19.39	20.5
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.66	24.61	24.49	25.5
1.4		1	3	24.25	24.42	24.2	25.5
1.4		1	5	24.34	24.49	24.12	25.5
1.4		3	0	24.54	24.61	24.36	25.5
1.4		3	1	24.6	24.65	24.55	25.5
1.4		3	3	24.32	24.72	24.53	25.5
1.4		6	0	23.48	23.76	23.52	24.5
1.4	16QAM	1	0	23.67	23.84	23.65	24.5
1.4		1	3	23.74	23.81	23.67	24.5
1.4		1	5	23.66	23.95	23.76	24.5
1.4		3	0	23.48	23.63	23.5	24.5
1.4		3	1	23.64	23.67	23.58	24.5
1.4		3	3	23.66	23.66	23.5	24.5
1.4		6	0	22.52	22.72	22.55	23.5
1.4	64QAM	1	0	22.43	22.69	22.5	23.5
1.4		1	3	22.77	22.88	22.78	23.5
1.4		1	5	22.58	22.75	22.61	23.5
1.4		3	0	22.5	22.69	22.5	23.5
1.4		3	1	22.62	22.81	22.52	23.5
1.4		3	3	22.52	22.62	22.44	23.5
1.4		6	0	21.52	21.79	21.51	22.5
1.4	256QAM	1	0	19.58	19.68	19.46	20.5
1.4		1	3	19.76	19.75	19.67	20.5
1.4		1	5	19.53	19.55	19.4	20.5
1.4		3	0	19.46	19.62	19.48	20.5
1.4		3	1	19.46	19.67	19.6	20.5
1.4		3	3	19.55	19.63	19.46	20.5
1.4		6	0	19.5	19.58	19.32	20.5

<LTE Band 4_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				19950	20175	20400	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.5	24.66	24.55	25.5
20		1	49	24.36	24.6	24.43	25.5
20		1	99	24.34	24.48	24.35	25.5
20		50	0	23.32	23.62	23.31	24.5
20		50	24	23.42	23.54	23.44	24.5
20		50	50	23.48	23.61	23.51	24.5
20		100	0	23.39	23.67	23.52	24.5
20	16QAM	1	0	23.45	23.74	23.54	24.5
20		1	49	23.74	23.94	23.72	24.5
20		1	99	23.68	23.95	23.73	24.5
20		50	0	22.37	22.57	22.35	23.5
20		50	24	22.51	22.68	22.49	23.5
20		50	50	22.45	22.66	22.49	23.5
20		100	0	22.49	22.68	22.51	23.5
20	64QAM	1	0	22.54	22.7	22.58	23.5
20		1	49	22.58	22.79	22.61	23.5
20		1	99	22.58	22.77	22.65	23.5
20		50	0	21.39	21.58	21.44	22.5
20		50	24	21.47	21.73	21.53	22.5
20		50	50	21.53	21.7	21.46	22.5
20		100	0	21.53	21.73	21.5	22.5
20	256QAM	1	0	19.38	19.62	19.48	20.5
20		1	49	19.48	19.7	19.55	20.5
20		1	99	19.56	19.75	19.6	20.5
20		50	0	19.38	19.52	19.42	20.5
20		50	24	19.48	19.65	19.42	20.5
20		50	50	19.43	19.64	19.45	20.5
20		100	0	19.43	19.6	19.45	20.5
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.38	24.59	24.52	25.5
15		1	37	24.34	24.53	24.4	25.5
15		1	74	24.17	24.37	24.34	25.5
15		36	0	23.36	23.4	23.22	24.5
15		36	20	23.41	23.59	23.42	24.5
15		36	39	23.39	23.59	23.37	24.5
15		75	0	23.35	23.62	23.45	24.5
15	16QAM	1	0	23.35	23.73	23.42	24.5
15		1	37	23.7	23.86	23.6	24.5
15		1	74	23.65	23.88	23.66	24.5
15		36	0	22.23	22.45	22.21	23.5
15		36	20	22.43	22.57	22.47	23.5
15		36	39	22.35	22.59	22.43	23.5
15		75	0	22.39	22.62	22.43	23.5
15	64QAM	1	0	22.4	22.66	22.46	23.5
15		1	37	22.5	22.64	22.48	23.5
15		1	74	22.45	22.64	22.63	23.5
15		36	0	21.29	21.45	21.34	22.5
15		36	20	21.35	21.59	21.4	22.5
15		36	39	21.43	21.58	21.31	22.5
15		75	0	21.46	21.61	21.45	22.5
15	256QAM	1	0	19.26	19.55	19.37	20.5
15		1	37	19.4	19.57	19.52	20.5
15		1	74	19.44	19.69	19.47	20.5
15		36	0	19.35	19.41	19.38	20.5
15		36	20	19.4	19.55	19.37	20.5
15		36	39	19.36	19.54	19.34	20.5
15		75	0	19.39	19.55	19.42	20.5
Channel				20050	20175	20300	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.39	24.61	24.41	25.5
10		1	25	24.33	24.51	24.4	25.5
10		1	49	24.12	24.36	24.34	25.5
10		25	0	23.22	23.48	23.07	24.5
10		25	12	23.4	23.61	23.29	24.5
10		25	25	23.34	23.58	23.38	24.5
10		50	0	23.36	23.54	23.4	24.5
10	16QAM	1	0	23.42	23.64	23.48	24.5
10		1	25	23.6	23.84	23.67	24.5
10		1	49	23.54	23.85	23.7	24.5
10		25	0	22.39	22.43	22.31	23.5
10		25	12	22.36	22.53	22.4	23.5
10		25	25	22.32	22.59	22.37	23.5
10		50	0	22.39	22.62	22.5	23.5
10	64QAM	1	0	22.44	22.6	22.44	23.5
10		1	25	22.5	22.69	22.48	23.5
10		1	49	22.53	22.69	22.52	23.5
10		25	0	21.33	21.53	21.29	22.5
10		25	12	21.45	21.6	21.46	22.5
10		25	25	21.49	21.68	21.4	22.5
10		50	0	21.51	21.64	21.42	22.5
10	256QAM	1	0	19.29	19.52	19.43	20.5
10		1	25	19.36	19.59	19.43	20.5
10		1	49	19.48	19.7	19.58	20.5
10		25	0	19.35	19.38	19.3	20.5
10		25	12	19.36	19.54	19.29	20.5
10		25	25	19.34	19.53	19.38	20.5
10		50	0	19.36	19.57	19.39	20.5
Channel				19925	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.38	24.61	24.46	25.5
5		1	12	24.38	24.56	24.3	25.5
5		1	24	24.2	24.41	24.33	25.5
5		12	0	23.24	23.44	23.21	24.5
5		12	7	23.4	23.66	23.35	24.5
5		12	13	23.36	23.54	23.43	24.5
5		25	0	23.3	23.62	23.41	24.5
5	16QAM	1	0	23.41	23.73	23.47	24.5
5		1	12	23.6	23.91	23.62	24.5
5		1	24	23.6	23.91	23.71	24.5
5		12	0	22.27	22.52	22.24	23.5
5		12	7	22.47	22.55	22.46	23.5
5		12	13	22.42	22.63	22.36	23.5
5		25	0	22.34	22.57	22.46	23.5
5	64QAM	1	0	22.42	22.55	22.54	23.5
5		1	12	22.53	22.77	22.55	23.5
5		1	24	22.47	22.74	22.52	23.5
5		12	0	21.37	21.51	21.36	22.5
5		12	7	21.36	21.64	21.4	22.5
5		12	13	21.42	21.65	21.37	22.5
5		25	0	21.45	21.65	21.38	22.5
5	256QAM	1	0	19.3	19.49	19.37	20.5
5		1	12	19.34	19.57	19.42	20.5
5		1	24	19.42	19.72	19.5	20.5
5		12	0	19.33	19.48	19.34	20.5
5		12	7	19.42	19.6	19.38	20.5
5		12	13	19.42	19.62	19.34	20.5
5		25	0	19.34	19.5	19.34	20.5
Channel				19907	20175	20443	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.45	24.52	24.54	25.5
3		1	8	24.31	24.45	24.42	25.5
3		1	14	24.19	24.44	24.2	25.5
3		8	0	23.28	23.5	23.21	24.5
3		8	4	23.28	23.61	23.32	24.5
3		8	7	23.43	23.55	23.37	24.5
3		15	0	23.31	23.58	23.39	24.5
3	16QAM	1	0	23.43	23.65	23.48	24.5
3		1	8	23.7	23.91	23.59	24.5
3		1	14	23.53	23.91	23.67	24.5
3		8	0	22.31	22.53	22.25	23.5
3		8	4	22.43	22.63	22.45	23.5
3		8	7	22.4	22.65	22.41	23.5
3		15	0	22.44	22.57	22.38	23.5
3	64QAM	1	0	22.42	22.62	22.48	23.5
3		1	8	22.56	22.75	22.53	23.5
3		1	14	22.54	22.68	22.51	23.5
3		8	0	21.25	21.44	21.38	22.5
3		8	4	21.44	21.59	21.49	22.5
3		8	7	21.47	21.59	21.37	22.5
3		15	0	21.51	21.67	21.38	22.5
3	256QAM	1	0	19.29	19.49	19.34	20.5
3		1	8	19.39	19.57	19.51	20.5
3		1	14	19.3	19.53	19.49	20.5
3		8	0	19.35	19.46	19.37	20.5
3		8	4	19.38	19.54	19.37	20.5
3		8	7	19.3	19.5	19.42	20.5
3		15	0	19.4	19.59	19.34	20.5
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.39	24.55	24.46	25.5
1.4		1	3	24.24	24.47	24.39	25.5
1.4		1	5	24.11	24.47	24.32	25.5
1.4		3	0	24.17	24.42	24.3	25.5
1.4		3	1	24.33	24.54	24.39	25.5
1.4		3	3	24.42	24.61	24.44	25.5
1.4		6	0	23.26	23.55	23.38	24.5
1.4	16QAM	1	0	23.39	23.71	23.53	24.5
1.4		1	3	23.62	23.91	23.57	24.5
1.4		1	5	23.67	23.85	23.7	24.5
1.4		3	0	23.32	23.45	23.27	24.5
1.4		3	1	23.43	23.67	23.47	24.5
1.4		3	3	23.43	23.55	23.39	24.5
1.4		6	0	22.48	22.61	22.48	23.5
1.4	64QAM	1	0	22.49	22.66	22.46	23.5
1.4		1	3	22.5	22.67	22.6	23.5
1.4		1	5	22.49	22.65	22.59	23.5
1.4		3	0	22.29	22.52	22.35	23.5
1.4		3	1	22.36	22.58	22.43	23.5
1.4		3	3	22.39	22.55	22.33	23.5
1.4		6	0	21.46	21.65	21.48	22.5
1.4	256QAM	1	0	19.25	19.48	19.4	20.5
1.4		1	3	19.38	19.64	19.53	20.5
1.4		1	5	19.41	19.63	19.52	20.5
1.4		3	0	19.28	19.48	19.35	20.5
1.4		3	1	19.45	19.51	19.33	20.5
1.4		3	3	19.34	19.59	19.42	20.5
1.4		6	0	19.31	19.5	19.33	20.5

<LTE Band 7_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.82	24.85	24.81	25.5
20		1	49	24.53	24.71	24.62	25.5
20		1	99	24.61	24.73	24.6	25.5
20		50	0	23.89	23.96	23.86	24.5
20		50	24	23.83	23.9	23.79	24.5
20		50	50	23.83	23.89	23.73	24.5
20		100	0	23.71	23.88	23.76	24.5
20	16QAM	1	0	24.06	24.2	24.03	24.5
20		1	49	24.07	24.17	24.08	24.5
20		1	99	23.74	23.88	23.72	24.5
20		50	0	22.87	22.92	22.8	23.5
20		50	24	22.91	22.93	22.86	23.5
20		50	50	22.76	22.9	22.74	23.5
20		100	0	22.77	22.89	22.79	23.5
20	64QAM	1	0	23.1	23.14	23.07	23.5
20		1	49	23.03	23.09	22.96	23.5
20		1	99	22.76	22.93	22.85	23.5
20		50	0	21.81	21.96	21.87	22.5
20		50	24	21.93	21.99	21.86	22.5
20		50	50	21.85	21.9	21.77	22.5
20		100	0	21.73	21.88	21.71	22.5
20	256QAM	1	0	19.84	20.01	19.96	20.5
20		1	49	19.8	19.91	19.84	20.5
20		1	99	19.71	19.77	19.62	20.5
20		50	0	19.71	19.81	19.74	20.5
20		50	24	19.92	19.9	19.85	20.5
20		50	50	19.77	19.86	19.7	20.5
20		100	0	19.75	19.92	19.77	20.5
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.77	24.82	24.77	25.5
15		1	37

<LTE Band 25_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.53	24.74	24.62	25.5
20		1	49	24.49	24.72	24.57	25.5
20		1	99	24.02	24.37	24.12	25.5
20		50	0	23.51	23.81	23.62	24.5
20		50	24	23.49	23.74	23.6	24.5
20		50	50	23.53	23.77	23.53	24.5
20		100	0	23.43	23.79	23.57	24.5
20	16QAM	1	0	23.77	24.01	23.75	24.5
20		1	49	23.66	23.98	23.8	24.5
20		1	99	23.62	23.87	23.69	24.5
20		50	0	22.46	22.77	22.59	23.5
20		50	24	22.46	22.74	22.62	23.5
20		50	50	22.56	22.84	22.67	23.5
20		100	0	22.7	22.97	22.77	23.5
20	64QAM	1	0	22.58	22.81	22.61	23.5
20		1	49	22.6	22.87	22.71	23.5
20		1	99	22.6	22.86	22.67	23.5
20		50	0	21.45	21.77	21.64	22.5
20		50	24	21.45	21.74	21.58	22.5
20		50	50	21.66	21.88	21.75	22.5
20		100	0	21.56	21.8	21.59	22.5
20	256QAM	1	0	19.49	19.76	19.64	20.5
20		1	49	19.62	19.83	19.64	20.5
20		1	99	19.51	19.82	19.64	20.5
20		50	0	19.46	19.77	19.6	20.5
20		50	24	19.48	19.8	19.67	20.5
20		50	50	19.53	19.82	19.65	20.5
20		100	0	19.63	19.83	19.65	20.5
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	7	24.47	24.67	24.52	25.5
15		1	37	24.46	24.71	24.52	25.5
15		1	74	23.94	24.34	23.99	25.5
15		36	0	23.38	23.77	23.51	24.5
15		36	20	23.47	23.72	23.58	24.5
15		36	39	23.48	23.68	23.38	24.5
15		75	0	23.39	23.69	23.51	24.5
15	16QAM	1	0	23.65	23.99	23.62	24.5
15		1	37	23.54	23.97	23.67	24.5
15		1	74	23.52	23.72	23.57	24.5
15		36	0	22.34	22.74	22.46	23.5
15		36	20	22.4	22.66	22.56	23.5
15		36	39	22.44	22.82	22.55	23.5
15		75	0	22.66	22.88	22.76	23.5
15	64QAM	1	0	22.49	22.73	22.48	23.5
15		1	37	22.53	22.84	22.56	23.5
15		1	74	22.47	22.79	22.6	23.5
15		36	0	21.41	21.68	21.59	22.5
15		36	20	21.43	21.62	21.43	22.5
15		36	39	21.54	21.81	21.73	22.5
15		75	0	21.45	21.66	21.48	22.5
15	256QAM	1	0	19.47	19.69	19.52	20.5
15		1	37	19.53	19.81	19.61	20.5
15		1	74	19.46	19.69	19.62	20.5
15		36	0	19.44	19.75	19.58	20.5
15		36	20	19.35	19.69	19.6	20.5
15		36	39	19.52	19.78	19.61	20.5
15		75	0	19.38	19.76	19.6	20.5
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1910	
10	QPSK	1	0	24.46	24.67	24.58	25.5
10		1	25	24.46	24.62	24.51	25.5
10		1	49	23.89	24.36	24.03	25.5
10		25	0	23.36	23.75	23.58	24.5
10		25	12	23.44	23.72	23.58	24.5
10		25	25	23.44	23.73	23.42	24.5
10		50	0	23.31	23.69	23.52	24.5
10	16QAM	1	0	23.64	23.88	23.65	24.5
10		1	25	23.57	23.93	23.74	24.5
10		1	49	23.51	23.85	23.55	24.5
10		25	0	22.32	22.7	22.49	23.5
10		25	12	22.34	22.66	22.51	23.5
10		25	25	22.45	22.78	22.55	23.5
10		50	0	22.57	22.83	22.71	23.5
10	64QAM	1	0	22.55	22.77	22.54	23.5
10		1	25	22.47	22.82	22.59	23.5
10		1	49	22.49	22.74	22.65	23.5
10		25	0	21.36	21.64	21.53	22.5
10		25	12	21.4	21.65	21.53	22.5
10		25	25	21.58	21.85	21.74	22.5
10		50	0	21.5	21.75	21.53	22.5
10	256QAM	1	0	19.39	19.72	19.62	20.5
10		1	25	19.53	19.75	19.51	20.5
10		1	49	19.38	19.72	19.57	20.5
10		25	0	19.34	19.64	19.5	20.5
10		25	12	19.39	19.73	19.63	20.5
10		25	25	19.52	19.69	19.54	20.5
10		50	0	19.52	19.71	19.54	20.5
Channel				26052	26340	26685	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.39	24.68	24.6	25.5
5		1	12	24.47	24.6	24.5	25.5
5		1	24	23.93	24.26	24.09	25.5
5		12	0	23.46	23.66	23.5	24.5
5		12	7	23.46	23.65	23.53	24.5
5		12	13	23.46	23.74	23.47	24.5
5		25	0	23.32	23.71	23.43	24.5
5	16QAM	1	0	23.76	23.98	23.63	24.5
5		1	12	23.65	23.92	23.76	24.5
5		1	24	23.59	23.85	23.6	24.5
5		12	0	22.44	22.71	22.53	23.5
5		12	7	22.34	22.64	22.55	23.5
5		12	13	22.49	22.72	22.55	23.5
5		25	0	22.69	22.87	22.62	23.5
5	64QAM	1	0	22.51	22.73	22.57	23.5
5		1	12	22.48	22.82	22.65	23.5
5		1	24	22.58	22.82	22.52	23.5
5		12	0	21.36	21.7	21.56	22.5
5		12	7	21.35	21.68	21.5	22.5
5		12	13	21.54	21.75	21.66	22.5
5		25	0	21.42	21.73	21.55	22.5
5	256QAM	1	0	19.41	19.75	19.57	20.5
5		1	12	19.56	19.73	19.61	20.5
5		1	24	19.39	19.68	19.5	20.5
5		12	0	19.42	19.68	19.57	20.5
5		12	7	19.33	19.72	19.62	20.5
5		12	13	19.47	19.71	19.59	20.5
5		25	0	19.49	19.75	19.56	20.5
Channel				26015	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.36	24.62	24.48	25.5
3		1	8	24.48	24.59	24.48	25.5
3		1	14	23.93	24.31	24.04	25.5
3		8	0	23.4	23.68	23.61	24.5
3		8	4	23.41	23.62	23.55	24.5
3		8	7	23.49	23.76	23.5	24.5
3		15	0	23.37	23.72	23.43	24.5
3	16QAM	1	0	23.67	23.99	23.73	24.5
3		1	8	23.56	23.94	23.76	24.5
3		1	14	23.54	23.72	23.63	24.5
3		8	0	22.42	22.62	22.46	23.5
3		8	4	22.35	22.65	22.6	23.5
3		8	7	22.5	22.81	22.62	23.5
3		15	0	22.68	22.87	22.76	23.5
3	64QAM	1	0	22.5	22.7	22.5	23.5
3		1	8	22.54	22.79	22.57	23.5
3		1	14	22.53	22.74	22.56	23.5
3		8	0	21.4	21.7	21.6	22.5
3		8	4	21.31	21.66	21.44	22.5
3		8	7	21.65	21.96	21.64	22.5
3		15	0	21.5	21.71	21.57	22.5
3	256QAM	1	0	19.47	19.71	19.53	20.5
3		1	8	19.51	19.71	19.53	20.5
3		1	14	19.38	19.71	19.5	20.5
3		8	0	19.34	19.67	19.45	20.5
3		8	4	19.45	19.68	19.61	20.5
3		8	7	19.5	19.71	19.57	20.5
3		15	0	19.54	19.74	19.55	20.5
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.44	24.68	24.6	25.5
1.4		1	3	24.39	24.6	24.56	25.5
1.4		1	5	23.95	24.22	23.99	25.5
1.4		3	0	24.5	24.75	24.47	25.5
1.4		3	1	24.35	24.72	24.56	25.5
1.4		3	3	24.42	24.68	24.49	25.5
1.4		6	0	23.36	23.65	23.48	24.5
1.4	16QAM	1	0	23.71	23.95	23.66	24.5
1.4		1	3	23.65	23.96	23.72	24.5
1.4		1	5	23.58	23.85	23.55	24.5
1.4		3	0	23.31	23.67	23.51	24.5
1.4		3	1	23.37	23.66	23.53	24.5
1.4		3	3	23.43	23.7	23.55	24.5
1.4		6	0	22.37	22.65	22.5	23.5
1.4	64QAM	1	0	22.46	22.72	22.55	23.5
1.4		1	3	22.56	22.82	22.62	23.5
1.4		1	5	22.5	22.82	22.54	23.5
1.4		3	0	22.42	22.63	22.58	23.5
1.4		3	1	22.37	22.67	22.52	23.5
1.4		3	3	22.61	22.84	22.73	23.5
1.4		6	0	21.42	21.71	21.57	22.5
1.4	256QAM	1	0	19.46	19.72	19.54	20.5
1.4		1	3	19.49	19.8	19.61	20.5
1.4		1	5	19.36	19.79	19.5	20.5
1.4		3	0	19.35	19.71	19.46	20.5
1.4		3	1	19.4	19.74	19.63	20.5
1.4		3	3	19.5	19.71	19.61	20.5
1.4		6	0	19.36	19.69	19.63	20.5

<LTE Band 66_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.48	24.55	24.51	25.5
20		1	49	24.28	24.42	24.26	25.5
20		1	99	24.23	24.4	24.32	25.5
20		50	0	23.57	23.68	23.57	24.5
20		50	24	23.41	23.57	23.5	24.5
20		50	50	23.57	23.67	23.6	24.5
20		100	0	23.47	23.66	23.48	24.5
20	16QAM	1	0	23.51	23.7	23.51	24.5
20		1	49	23.71	23.63	23.72	24.5
20		1	99	23.69	23.77	23.7	24.5
20		50	0	22.4	22.6	22.48	23.5
20		50	24	22.5	22.58	22.51	23.5
20		50	50	22.59	22.7	22.52	23.5
20		100	0	22.49	22.64	22.48	23.5
20	64QAM	1	0	22.77	22.89	22.73	23.5
20		1	49	22.63	22.72	23.65	23.5
20		1	99	22.64	22.82	22.65	23.5
20		50	0	21.49	21.64	21.56	22.5
20		50	24	21.57	21.86	21.55	22.5
20		50	50	21.5	21.67	21.58	22.5
20		100	0	21.44	21.62	21.49	22.5
20	256QAM	1	0	19.57	19.71	19.64	20.5
20		1	49	19.62	19.79	19.63	20.5
20		1	99	19.66	19.81	19.65	20.5
20		50	0	19.48	19.68	19.56	20.5
20		50	24	19.52	19.61	19.46	20.5
20		50	50	19.59	19.69	19.61	20.5
20		100	0	19.42	19.61	19.52	20.5
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.47	24.4	24.48	25.5
15		1	37	24.14	24.3	24.12	25.5
15		1	74	24.14	24.3	24.22	25.5
15		36	0	23.43	23.58	23.49	24.5
15		36	20	23.3	23.48	23.45	24.5
15		36	39	23.53	23.55	23.58	24.5
15		75	0	23.43	23.53	23.47	24.5
15	16QAM	1	0	23.46	23.69	23.49	24.5
15		1	37	23.69	23.75	23.57	24.5
15		1	74	23.62	23.69	23.57	24.5
15		36	0	22.35	22.54	22.44	23.5
15		36	20	22.42	22.57	22.37	23.5
15		36	39	22.57	22.38	22.39	23.5
15		75	0	22.36	22.58	22.41	23.5
15	64QAM	1	0	22.71	22.75	22.6	23.5
15		1	37	22.5	22.7	22.57	23.5
15		1	74	22.62	22.76	22.6	23.5
15		36	0	21.41	21.54	21.53	22.5
15		36	20	21.47	21.63	21.48	22.5
15		36	39	21.44	21.58	21.46	22.5
15		75	0	21.37	21.53	21.36	22.5
15	256QAM	1	0	19.51	19.68	19.57	20.5
15		1	37	19.53	19.73	19.6	20.5
15		1	74	19.64	19.69	19.62	20.5
15		36	0	19.36	19.64	19.43	20.5
15		36	20	19.38	19.48	19.36	20.5
15		36	39	19.53	19.63	19.55	20.5
15		75	0	19.41	19.58	19.46	20.5
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.35	24.47	24.45	25.5
10		1	25	24.2	24.36	24.18	25.5
10		1	49	24.11	24.25	24.21	25.5
10		25	0	23.56	23.59	23.52	24.5
10		25	12	23.38	23.47	23.42	24.5
10		25	25	23.47	23.52	23.51	24.5
10		50	0	23.38	23.53	23.43	24.5
10	16QAM	1	0	23.49	23.66	23.45	24.5
10		1	25	23.63	23.7	23.67	24.5
10		1	49	23.56	23.64	23.68	24.5
10		25	0	22.31	22.54	22.45	23.5
10		25	12	22.41	22.5	22.46	23.5
10		25	25	22.45	22.59	22.49	23.5
10		50	0	22.43	22.58	22.46	23.5
10	64QAM	1	0	22.65	22.77	22.65	23.5
10		1	25	22.58	22.6	22.6	23.5
10		1	49	22.6	22.75	22.51	23.5
10		25	0	21.47	21.5	21.47	22.5
10		25	12	21.46	21.6	21.46	22.5
10		25	25	21.48	21.61	21.55	22.5
10		50	0	21.38	21.48	21.44	22.5
10	256QAM	1	0	19.47	19.7	19.55	20.5
10		1	25	19.5	19.64	19.5	20.5
10		1	49	19.63	19.74	19.63	20.5
10		25	0	19.44	19.65	19.53	20.5
10		25	12	19.45	19.52	19.46	20.5
10		25	25	19.45	19.59	19.55	20.5
10		50	0	19.3	19.53	19.45	20.5
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.4	24.48	24.45	25.5
5		1	12	24.17	24.41	24.14	25.5
5		1	24	24.17	24.26	24.18	25.5
5		12	0	23.44	23.54	23.52	24.5
5		12	7	23.33	23.45	23.45	24.5
5		12	13	23.58	23.58	23.57	24.5
5		25	0	23.39	23.6	23.38	24.5
5	16QAM	1	0	23.48	23.65	23.36	24.5
5		1	12	23.67	23.61	23.62	24.5
5		1	24	23.66	23.71	23.69	24.5
5		12	0	22.35	22.58	22.34	23.5
5		12	7	22.43	22.54	22.46	23.5
5		12	13	22.47	22.55	22.47	23.5
5		25	0	22.47	22.54	22.37	23.5
5	64QAM	1	0	22.69	22.92	22.66	23.5
5		1	12	22.56	22.61	22.58	23.5
5		1	24	22.5	22.71	22.61	23.5
5		12	0	21.42	21.31	21.47	22.5
5		12	7	21.52	21.55	21.41	22.5
5		12	13	21.36	21.57	21.49	22.5
5		25	0	21.33	21.56	21.46	22.5
5	256QAM	1	0	19.55	19.63	19.62	20.5
5		1	12	19.57	19.68	19.58	20.5
5		1	24	19.64	19.67	19.53	20.5
5		12	0	19.46	19.56	19.54	20.5
5		12	7	19.4	19.53	19.41	20.5
5		12	13	19.52	19.6	19.58	20.5
5		25	0	19.3	19.51	19.44	20.5
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.41	24.46	24.42	25.5
3		1	8	24.17	24.4	24.17	25.5
3		1	14	24.22	24.3	24.18	25.5
3		8	0	23.55	23.66	23.5	24.5
3		8	4	23.36	23.54	23.44	24.5
3		8	7	23.47	23.64	23.54	24.5
3		15	0	23.38	23.58	23.34	24.5
3	16QAM	1	0	23.39	23.56	23.42	24.5
3		1	8	23.61	23.73	23.69	24.5
3		1	14	23.57	23.69	23.59	24.5
3		8	0	22.36	22.48	22.41	23.5
3		8	4	22.46	22.56	22.48	23.5
3		8	7	22.51	22.6	22.41	23.5
3		15	0	22.37	22.58	22.37	23.5
3	64QAM	1	0	22.75	22.87	22.64	23.5
3		1	8	22.58	22.58	22.56	23.5
3		1	14	22.54	22.8	22.55	23.5
3		8	0	21.37	21.49	21.52	22.5
3		8	4	21.5	21.64	21.49	22.5
3		8	7	21.43	21.55	21.48	22.5
3		15	0	21.36	21.55	21.46	22.5
3	256QAM	1	0	19.53	19.66	19.56	20.5
3		1	8	19.48	19.7	19.52	20.5
3		1	14	19.58	19.73	19.54	20.5
3		8	0	19.42	19.65	19.52	20.5
3		8	4	19.42	19.5	19.43	20.5
3		8	7	19.55	19.62	19.57	20.5
3		15	0	19.4	19.54	19.45	20.5
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.37	24.43	24.4	25.5
1.4		1	3	24.16	24.34	24.23	25.5
1.4		1	5	24.1	24.32	24.18	25.5
1.4		3	0	24.55	24.67	24.51	25.5
1.4		3	1	24.27	24.44	24.49	25.5
1.4		3	3	24.53	24.65	24.46	25.5
1.4		6	0	23.33	23.55	23.34	24.5
1.4	16QAM	1	0	23.46	23.65	23.41	24.5
1.4		1	3	23.59	23.79	23.57	24.5
1.4		1	5	23.65	23.76	23.57	24.5
1.4		3	0	23.25	23.64	23.37	24.5
1.4		3	1	23.46	23.44	23.39	24.5
1.4		3	3	23.56	23.56	23.42	24.5
1.4		6	0	22.48	22.65	22.38	23.5
1.4	64QAM	1	0	22.74	22.84	22.6	23.5
1.4		1	3	22.49	22.59	22.56	23.5
1.4		1	5	22.49	22.68	22.59	23.5
1.4		3	0	22.35	22.5	22.44	23.5
1.4		3	1	22.53	22.53	22.41	23.5
1.4		3	3	22.38	22.61	22.47	23.5
1.4		6	0	21.36	21.52	21.42	22.5
1.4	256QAM	1	0	19.56	19.67	19.55	20.5
1.4		1	3	19.57	19.75	19.57	20.5
1.4		1	5	19.57	19.75	19.6	20.5
1.4		3	0	19.45	19.54	19.41	20.5
1.4		3	1	19.46	19.47	19.41	20.5
1.4		3	3	19.5	19.36	19.48	20.5
1.4		6	0	19.31	19.56	19.47	20.5

<LTE Band 38_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.54	24.68	24.39	25.5
20		1	49	24.12	24.4	24.05	25.5
20		1	99	23.99	24.22	23.88	25.5
20		50	0	23.36	23.55	23.21	24.5
20		50	24	23.21	23.45	23.1	24.5
20		50	50	23.28	23.48	23.1	24.5
20		100	0	23.07	23.34	22.94	24.5
20	16QAM	1	0	23.48	23.64	23.27	24.5
20		1	49	23.33	23.52	23.16	24.5
20		1	99	23.2	23.48	23.1	24.5
20		50	0	22.34	22.54	22.26	23.5
20		50	24	22.28	22.49	22.19	23.5
20		50	50	22.28	22.5	22.13	23.5
20		100	0	22.25	22.48	22.08	23.5
20	64QAM	1	0	22.58	22.72	22.36	23.5
20		1	49	22.47	22.63	22.28	23.5
20		1	99	22.22	22.48	22.07	23.5
20		50	0	21.34	21.57	21.18	22.5
20		50	24	21.34	21.54	21.16	22.5
20		50	50	21.31	21.51	21.15	22.5
20		100	0	21.31	21.53	21.2	22.5
20	256QAM	1	0	19.32	19.57	19.22	20.5
20		1	49	19.07	19.33	19.07	20.5
20		1	99	18.99	19.22	18.98	20.5
20		50	0	19.28	19.54	19.25	20.5
20		50	24	19.37	19.53	19.16	20.5
20		50	50	19.21	19.47	19.09	20.5
20		100	0	19.23	19.47	19.74	20.5
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.39	24.62	24.36	25.5
15		1	37	24.11	24.27	23.91	25.5
15		1	74	23.91	24.09	23.84	25.5
15		36	0	23.33	23.5	23.11	24.5
15		36	20	23.09	23.44	23.04	24.5
15		36	39	23.27	23.35	23.02	24.5
15		75	0	23.03	23.24	22.81	24.5
15	16QAM	1	0	23.47	23.59	23.17	24.5
15		1	37	23.32	23.38	23.08	24.5
15		1	74	23.16	23.39	23.06	24.5
15		36	0	22.19	22.43	22.16	23.5
15		36	20	22.14	22.41	22.17	23.5
15		36	39	22.27	22.49	22.1	23.5
15		75	0	22.23	22.36	21.94	23.5
15	64QAM	1	0	22.47	22.62	22.27	23.5
15		1	37	22.42	22.59	22.24	23.5
15		1	74	22.19	22.34	22.02	23.5
15		36	0	21.26	21.52	21.11	22.5
15		36	20	21.26	21.5	21.09	22.5
15		36	39	21.2	21.38	21	22.5
15		75	0	21.21	21.5	21.15	22.5
15	256QAM	1	0	19.27	19.42	19.12	20.5
15		1	37	19.04	19.27	18.97	20.5
15		1	74	18.87	19.07	18.89	20.5
15		36	0	19.23	19.41	19.18	20.5
15		36	20	19.28	19.41	19.05	20.5
15		36	39	19.08	19.42	19.05	20.5
15		75	0	19.2	19.39	19.6	20.5
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.47	24.61	24.33	25.5
10		1	25	24.09	24.3	24.03	25.5
10		1	49	23.98	24.09	23.87	25.5
10		25	0	23.26	23.52	23.09	24.5
10		25	12	23.15	23.35	23.04	24.5
10		25	25	23.17	23.46	23.03	24.5
10		50	0	23.02	23.25	22.83	24.5
10	16QAM	1	0	23.46	23.62	23.22	24.5
10		1	25	23.25	23.39	23.02	24.5
10		1	49	23.14	23.43	23.07	24.5
10		25	0	22.2	22.43	22.23	23.5
10		25	12	22.19	22.4	22.08	23.5
10		25	25	22.13	22.46	22.09	23.5
10		50	0	22.22	22.46	21.96	23.5
10	64QAM	1	0	22.52	22.7	22.33	23.5
10		1	25	22.43	22.53	22.2	23.5
10		1	49	22.19	22.33	21.96	23.5
10		25	0	21.22	21.43	21.1	22.5
10		25	12	21.31	21.45	21.07	22.5
10		25	25	21.23	21.41	21.04	22.5
10		50	0	21.27	21.49	21.15	22.5
10	256QAM	1	0	19.22	19.46	19.1	20.5
10		1	25	18.94	19.24	18.94	20.5
10		1	49	18.91	19.18	18.86	20.5
10		25	0	19.24	19.4	19.17	20.5
10		25	12	19.31	19.52	19.13	20.5
10		25	25	19.13	19.42	19.04	20.5
10		50	0	19.1	19.43	19.66	20.5
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.47	24.63	24.31	25.5
5		1	12	23.98	24.3	23.91	25.5
5		1	24	23.95	24.18	23.74	25.5
5		12	0	23.29	23.41	23.18	24.5
5		12	7	23.09	23.32	22.97	24.5
5		12	13	23.19	23.33	22.97	24.5
5		25	0	22.95	23.32	22.92	24.5
5	16QAM	1	0	23.35	23.58	23.15	24.5
5		1	12	23.18	23.39	23.1	24.5
5		1	24	23.06	23.41	22.96	24.5
5		12	0	22.3	22.49	22.24	23.5
5		12	7	22.15	22.43	22.12	23.5
5		12	13	22.24	22.36	22.1	23.5
5		25	0	22.19	22.41	21.99	23.5
5	64QAM	1	0	22.49	22.57	22.32	23.5
5		1	12	22.4	22.53	22.2	23.5
5		1	24	22.07	22.45	22.05	23.5
5		12	0	21.22	21.45	21.08	22.5
5		12	7	21.24	21.49	21.13	22.5
5		12	13	21.27	21.46	21.06	22.5
5		25	0	21.3	21.42	21.16	22.5
5	256QAM	1	0	19.22	19.5	19.19	20.5
5		1	12	18.97	19.3	18.94	20.5
5		1	24	18.91	19.13	18.97	20.5
5		12	0	19.19	19.49	19.16	20.5
5		12	7	19.23	19.5	19.12	20.5
5		12	13	19.17	19.45	19.02	20.5
5		25	0	19.17	19.35	19.72	20.5

<LTE Band 41_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.12	25.18	25.2	25.02	24.9	25.7
20		1	49	25.06	25.14	25.19	24.95	24.8	25.7
20		1	99	25	24.93	25.1	24.9	24.68	25.7
20		50	0	24.08	24.18	24.21	24	23.83	24.7
20		50	24	24.09	24.22	24.26	23.94	23.84	24.7
20		50	50	24.07	24.16	24.27	24.05	23.93	24.7
20		100	0	23.98	24.02	24.15	23.89	23.76	24.7
20	16QAM	1	0	24.02	24.11	24.2	23.88	23.78	24.7
20		1	49	24.12	24.15	24.27	23.95	23.85	24.7
20		1	99	23.93	23.93	24.07	23.88	23.69	24.7
20		50	0	23.09	23.17	23.27	23.07	22.98	23.7
20		50	24	23.14	23.21	23.25	23.07	22.87	23.7
20		50	50	23.08	23.15	23.29	23.1	22.89	23.7
20		100	0	23.01	23.14	23.2	22.94	22.89	23.7
20	64QAM	1	0	23.04	23.11	23.15	22.85	22.8	23.7
20		1	49	23.02	23.04	23.21	22.91	22.88	23.7
20		1	99	22.9	22.88	23.03	22.83	22.74	23.7
20		50	0	22.18	22.21	22.28	22.04	21.96	22.7
20		50	24	22.13	22.23	22.29	21.98	21.91	22.7
20		50	50	22.07	22.22	22.26	21.96	21.94	22.7
20		100	0	22.18	22.15	22.26	22.01	21.88	22.7
20	256QAM	1	0	20	20.11	20.2	19.94	19.95	20.7
20		1	49	20.08	20.15	20.25	19.98	19.93	20.7
20		1	99	19.95	19.93	20.05	19.82	19.7	20.7
20		50	0	20.1	20.21	20.28	20.06	19.99	20.7
20		50	24	20.11	20.18	20.28	20.04	20	20.7
20		50	50	20.16	20.22	20.29	20.09	20.03	20.7
20		100	0	20.07	20.12	20.16	19.96	19.9	20.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.03	25.12	25.18	24.98	24.78	25.7
15		1	37	25.05	25.01	25.1	24.91	24.72	25.7
15		1	74	24.94	24.79	25	24.85	24.63	25.7
15		36	0	23.99	24.12	24.11	23.96	23.72	24.7
15		36	20	24.05	24.19	24.24	23.86	23.8	24.7
15		36	39	23.94	24.1	24.21	24	23.8	24.7
15		75	0	23.94	23.93	24.04	23.82	23.64	24.7
15	16QAM	1	0	23.91	23.96	24.15	23.77	23.76	24.7
15		1	37	24	24.01	24.21	23.89	23.72	24.7
15		1	74	23.86	23.89	23.99	23.86	23.57	24.7
15		36	0	22.98	23.13	23.12	22.93	22.95	23.7
15		36	20	22.99	23.18	23.16	22.96	22.85	23.7
15		36	39	22.97	23.12	23.27	23.03	22.87	23.7
15		75	0	22.99	23.04	23.05	22.9	22.76	23.7
15	64QAM	1	0	22.94	23.08	23.13	22.81	22.75	23.7
15		1	37	22.93	23.03	23.11	22.86	22.76	23.7
15		1	74	22.78	22.85	22.94	22.71	22.67	23.7
15		36	0	22.17	22.06	22.26	21.94	21.89	22.7
15		36	20	22.01	22.12	22.18	21.89	21.85	22.7
15		36	39	22.01	22.17	22.22	21.84	21.9	22.7
15		75	0	22.07	22.1	22.11	21.94	21.77	22.7
15	256QAM	1	0	19.87	20.04	20.07	19.92	19.94	20.7
15		1	37	20	20.1	20.21	19.9	19.8	20.7
15		1	74	19.9	19.84	19.93	19.8	19.63	20.7
15		36	0	20.08	20.1	20.18	20.03	19.94	20.7
15		36	20	19.99	20.08	20.21	19.94	19.95	20.7
15		36	39	20.07	20.11	20.19	20.03	20	20.7
15		75	0	20.02	20	20.05	19.88	19.83	20.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.99	25.11	25.12	24.89	24.76	25.7
10		1	25	24.96	25.01	25.04	24.93	24.76	25.7
10		1	49	24.91	24.92	25.07	24.78	24.55	25.7
10		25	0	24.01	24.09	24.08	23.86	23.74	24.7
10		25	12	23.97	24.1	24.12	23.87	23.8	24.7
10		25	25	23.92	24.07	24.26	23.97	23.89	24.7
10		50	0	23.97	23.9	24.05	23.83	23.68	24.7
10	16QAM	1	0	23.89	24.09	24.11	23.74	23.74	24.7
10		1	25	24.01	24.06	24.2	23.91	23.74	24.7
10		1	49	23.91	23.78	24.02	23.82	23.61	24.7
10		25	0	23.05	23.1	23.21	23.01	22.91	23.7
10		25	12	23.08	23.11	23.18	23.06	22.74	23.7
10		25	25	22.99	23.12	23.2	22.99	22.85	23.7
10		50	0	22.98	23.04	23.1	22.92	22.82	23.7
10	64QAM	1	0	22.98	23.09	23.06	22.8	22.72	23.7
10		1	25	22.95	23.02	23.11	22.83	22.74	23.7
10		1	49	22.87	22.84	22.9	22.78	22.65	23.7
10		25	0	22.08	22.1	22.26	22	21.85	22.7
10		25	12	21.99	22.19	22.24	21.94	21.84	22.7
10		25	25	22.03	22.14	22.23	21.88	21.82	22.7
10		50	0	22.05	22.09	22.17	21.88	21.78	22.7
10	256QAM	1	0	19.91	19.98	20.16	19.84	19.82	20.7
10		1	25	19.99	20.11	20.12	19.92	19.89	20.7
10		1	49	19.92	19.9	19.97	19.73	19.64	20.7
10		25	0	20.04	20.19	20.21	20.02	19.88	20.7
10		25	12	20.07	20.09	20.21	19.98	19.9	20.7
10		25	25	20.15	20.11	20.25	20	20.02	20.7
10		50	0	19.97	20.03	20.14	19.92	19.76	20.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.09	25.1	25.17	24.87	24.86	25.7
5		1	12	24.98	25.1	25.15	24.81	24.72	25.7
5		1	24	24.93	24.84	25.05	24.77	24.67	25.7
5		12	0	24.02	24.11	24.06	23.96	23.8	24.7
5		12	7	23.95	24.17	24.16	23.81	23.8	24.7
5		12	13	23.93	24.12	24.22	24.02	23.8	24.7
5		25	0	23.95	23.93	24.01	23.76	23.61	24.7
5	16QAM	1	0	24	24.05	24.08	23.75	23.68	24.7
5		1	12	24.07	24.01	24.22	23.89	23.81	24.7
5		1	24	23.81	23.78	24.01	23.82	23.66	24.7
5		12	0	22.98	23.13	23.25	22.92	22.93	23.7
5		12	7	23.06	23.1	23.16	22.97	22.76	23.7
5		12	13	23	23.11	23.25	22.96	22.77	23.7
5		25	0	22.98	23.01	23.18	22.91	22.78	23.7
5	64QAM	1	0	23.02	23.03	23.11	22.71	22.78	23.7
5		1	12	22.95	22.94	23.08	22.87	22.74	23.7
5		1	24	22.87	22.75	22.97	22.72	22.69	23.7
5		12	0	22.15	22.07	22.15	22	21.93	22.7
5		12	7	22.08	22.21	22.25	21.89	21.86	22.7
5		12	13	22.02	22.15	22.16	21.91	21.86	22.7
5		25	0	22.16	22.13	22.23	21.93	21.83	22.7
5	256QAM	1	0	19.96	20.01	20.09	19.85	19.92	20.7
5		1	12	19.99	20.05	20.2	19.89	19.78	20.7
5		1	24	19.87	19.86	20.04	19.73	19.56	20.7
5		12	0	20.05	20.17	20.25	20	19.92	20.7
5		12	7	20.03	20.07	20.2	19.93	19.87	20.7
5		12	13	20.15	20.21	20.14	19.98	20.02	20.7
5		25	0	19.95	20.09	20.12	19.88	19.8	20.7

<LTE Band 42 (27Q)_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.93	24.94	24.92	25.7
20		1	49	24.79	24.93	24.85	25.7
20		1	99	24.75	24.82	24.71	25.7
20		50	0	23.85	23.93	23.77	24.7
20		50	24	23.89	23.91	23.76	24.7
20		50	50	23.84	23.93	23.81	24.7
20		100	0	23.72	23.88	23.8	24.7
20	16QAM	1	0	23.89	24	23.92	24.7
20		1	49	23.83	23.95	23.9	24.7
20		1	99	23.82	23.89	23.81	24.7
20		50	0	22.83	22.94	22.77	23.7
20		50	24	22.82	22.93	22.87	23.7
20		50	50	22.9	22.96	22.92	23.7
20		100	0	22.81	22.92	22.87	23.7
20	64QAM	1	0	22.96	23.01	22.92	23.7
20		1	49	22.71	22.87	22.79	23.7
20		1	99	22.62	22.74	22.68	23.7
20		50	0	21.89	21.95	21.92	22.7
20		50	24	21.85	21.95	21.8	22.7
20		50	50	21.82	21.95	21.8	22.7
20		100	0	21.7	21.83	21.68	22.7
20	256QAM	1	0	19.87	19.97	19.86	20.7
20		1	49	19.83	19.95	19.84	20.7
20		1	99	19.61	19.7	19.57	20.7
20		50	0	19.82	19.92	19.77	20.7
20		50	24	19.89	19.95	19.85	20.7
20		50	50	19.81	19.93	19.86	20.7
20		100	0	19.78	19.92	19.87	20.7
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	24.89	24.82	24.81	25.7
15		1	37	24.74	24.8	24.77	25.7
15		1	74	24.67	24.72	24.59	25.7
15		36	0	23.71	23.87	23.68	24.7
15		36	20	23.83	23.9	23.7	24.7
15		36	39	23.77	23.88	23.7	24.7
15		75	0	23.58	23.85	23.67	24.7
15	16QAM	1	0	23.75	23.86	23.84	24.7
15		1	37	23.73	23.87	23.88	24.7
15		1	74	23.78	23.76	23.72	24.7
15		36	0	22.76	22.82	22.63	23.7
15		36	20	22.74	22.87	22.79	23.7
15		36	39	22.86	22.9	22.81	23.7
15		75	0	22.72	22.86	22.73	23.7
15	64QAM	1	0	22.86	22.97	22.87	23.7
15		1	37	22.57	22.75	22.75	23.7
15		1	74	22.5	22.62	22.67	23.7
15		36	0	21.79	21.86	21.8	22.7
15		36	20	21.79	21.84	21.78	22.7
15		36	39	21.73	21.81	21.66	22.7
15		75	0	21.56	21.77	21.62	22.7
15	256QAM	1	0	19.85	19.94	19.82	20.7
15		1	37	19.81	19.89	19.77	20.7
15		1	74	19.47	19.64	19.54	20.7
15		36	0	19.73	19.79	19.71	20.7
15		36	20	19.74	19.83	19.8	20.7
15		36	39	19.75	19.85	19.79	20.7
15		75	0	19.73	19.88	19.75	20.7
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	24.87	24.88	24.82	25.7
10		1	25	24.67	24.85	24.71	25.7
10		1	49	24.7	24.79	24.61	25.7
10		25	0	23.81	23.89	23.66	24.7
10		25	12	23.76	23.89	23.7	24.7
10		25	25	23.78	23.84	23.71	24.7
10		50	0	23.57	23.83	23.73	24.7
10	16QAM	1	0	23.84	23.87	23.79	24.7
10		1	25	23.8	23.83	23.86	24.7
10		1	49	23.79	23.82	23.69	24.7
10		25	0	22.7	22.89	22.68	23.7
10		25	12	22.68	22.8	22.78	23.7
10		25	25	22.76	22.93	22.9	23.7
10		50	0	22.76	22.89	22.81	23.7
10	64QAM	1	0	22.82	22.97	22.79	23.7
10		1	25	22.63	22.81	22.7	23.7
10		1	49	22.6	22.7	22.63	23.7
10		25	0	21.79	21.83	21.91	22.7
10		25	12	21.83	21.94	21.69	22.7
10		25	25	21.7	21.86	21.74	22.7
10		50	0	21.66	21.8	21.59	22.7
10	256QAM	1	0	19.76	19.84	19.78	20.7
10		1	25	19.71	19.88	19.83	20.7
10		1	49	19.48	19.67	19.47	20.7
10		25	0	19.74	19.89	19.69	20.7
10		25	12	19.75	19.88	19.82	20.7
10		25	25	19.77	19.88	19.77	20.7
10		50	0	19.68	19.82	19.81	20.7
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	24.82	24.89	24.78	25.7
5		1	12	24.68	24.84	24.84	25.7
5		1	24	24.69	24.75	24.57	25.7
5		12	0	23.83	23.79	23.73	24.7
5		12	7	23.83	23.88	23.71	24.7
5		12	13	23.79	23.83	23.79	24.7
5		25	0	23.59	23.82	23.78	24.7
5	16QAM	1	0	23.76	23.87	23.88	24.7
5		1	12	23.73	23.94	23.82	24.7
5		1	24	23.73	23.86	23.77	24.7
5		12	0	22.77	22.88	22.75	23.7
5		12	7	22.75	22.82	22.85	23.7
5		12	13	22.8	22.9	22.79	23.7
5		25	0	22.72	22.82	22.79	23.7
5	64QAM	1	0	22.93	22.97	22.8	23.7
5		1	12	22.63	22.83	22.75	23.7
5		1	24	22.51	22.65	22.55	23.7
5		12	0	21.8	21.92	21.85	22.7
5		12	7	21.71	21.85	21.69	22.7
5		12	13	21.81	21.84	21.76	22.7
5		25	0	21.62	21.73	21.64	22.7
5	256QAM	1	0	19.78	19.86	19.84	20.7
5		1	12	19.71	19.82	19.77	20.7
5		1	24	19.48	19.6	19.5	20.7
5		12	0	19.69	19.81	19.64	20.7
5		12	7	19.81	19.84	19.84	20.7
5		12	13	19.75	19.82	19.85	20.7
5		25	0	19.65	19.8	19.77	20.7

<LTE Band 48_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.45	23.51	23.66	23.55	23.37	24.6
20		1	49	23.08	23.13	23.39	23.25	23.03	24.6
20		1	99	22.93	23.08	23.28	23.06	22.96	24.6
20		50	0	22.28	22.27	22.5	22.36	22.11	23.6
20		50	24	22.26	22.23	22.5	22.33	22.12	23.6
20		50	50	22.15	22.16	22.43	22.19	22.02	23.6
20		100	0	22.24	22.23	22.48	22.27	22.09	23.6
20	16QAM	1	0	22.25	22.25	22.49	22.35	22.17	23.6
20		1	49	22.23	22.24	22.5	22.34	22.12	23.6
20		1	99	22.17	22.25	22.41	22.27	22.11	23.6
20		50	0	21.24	21.25	21.48	21.29	21.1	22.6
20		50	24	21.24	21.28	21.5	21.34	21.17	22.6
20		50	50	21.2	21.2	21.4	21.24	21.03	22.6
20		100	0	21.12	21.18	21.44	21.21	21.03	22.6
20	64QAM	1	0	21.11	21.23	21.42	21.27	21.08	22.6
20		1	49	21.19	21.24	21.52	21.41	21.18	22.6
20		1	99	21.09	21.14	21.29	21.08	20.88	22.6
20		50	0	20.35	20.36	20.55	20.36	20.21	21.6
20		50	24	20.25	20.25	20.52	20.41	20.13	21.6
20		50	50	20.23	20.31	20.46	20.3	20.09	21.6
20		100	0	20.18	20.21	20.45	20.24	20.17	21.6
20	256QAM	1	0	18.11	18.25	18.38	18.17	18.1	19.6
20		1	49	18.22	18.16	18.4	18.22	18.05	19.6
20		1	99	17.98	18.05	18.21	18.04	17.91	19.6
20		50	0	18.29	18.25	18.49	18.29	18.22	19.6
20		50	24	18.28	18.42	18.57	18.46	18.23	19.6
20		50	50	18.11	18.24	18.41	18.26	18.08	19.6
20		100	0	18.24	18.27	18.48	18.36	18.22	19.6
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.43	23.42	23.63	23.45	23.23	24.6
15		1	37	23.06	23.02	23.34	23.18	22.97	24.6
15		1	74	22.82	23.07	23.21	22.95	22.84	24.6
15		36	0	22.21	22.19	22.46	22.25	22.03	23.6
15		36	20	22.18	22.18	22.37	22.31	22.05	23.6
15		36	39	22.14	22.08	22.37	22.05	22.01	23.6
15		75	0	22.19	22.11	22.38	22.22	21.96	23.6
15	16QAM	1	0	22.18	22.15	22.44	22.32	22.1	23.6
15		1	37	22.19	22.17	22.4	22.32	22.11	23.6
15		1	74	22.06	22.15	22.27	22.2	22.03	23.6
15		36	0	21.13	21.13	21.38	21.26	21.05	22.6
15		36	20	21.18	21.22	21.45	21.25	21.12	22.6
15		36	39	21.18	21.1	21.34	21.12	20.92	22.6
15		75	0	21.05	21.04	21.33	21.17	21.02	22.6
15	64QAM	1	0	21.05	21.2	21.35	21.13	21.04	22.6
15		1	37	21.09	21.19	21.51	21.35	21.05	22.6
15		1	74	21.05	21.03	21.16	21.04	20.76	22.6
15		36	0	20.27	20.33	20.52	20.33	20.12	21.6
15		36	20	20.23	20.19	20.4	20.37	20.02	21.6
15		36	39	20.22	20.28	20.36	20.22	20.05	21.6
15		75	0	20.14	20.17	20.36	20.09	20.02	21.6
15	256QAM	1	0	18.1	18.2	18.33	18.05	18.01	19.6
15		1	37	18.07	18.15	18.31	18.09	17.91	19.6
15		1	74	17.86	17.94	18.07	17.91	17.78	19.6
15		36	0	18.19	18.15	18.48	18.26	18.14	19.6
15		36	20	18.16	18.31	18.54	18.38	18.18	19.6
15		36	39	18.01	18.12	18.29	18.16	17.96	19.6
15		75	0	18.16	18.24	18.35	18.35	18.09	19.6
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.41	23.39	23.53	23.43	23.27	24.6
10		1	25	23.06	23	23.37	23.17	22.98	24.6
10		1	49	22.86	23.01	23.26	22.93	22.9	24.6
10		25	0	22.23	22.18	22.46	22.25	22.1	23.6
10		25	12	22.19	22.14	22.46	22.26	22.1	23.6
10		25	25	22.08	22.03	22.38	22.16	21.95	23.6
10		50	0	22.2	22.14	22.4	22.2	21.96	23.6
10	16QAM	1	0	22.21	22.17	22.36	22.22	22.12	23.6
10		1	25	22.1	22.17	22.42	22.31	22.06	23.6
10		1	49	22.09	22.2	22.3	22.25	21.98	23.6
10		25	0	21.22	21.22	21.41	21.27	21.07	22.6
10		25	12	21.14	21.18	21.41	21.21	21.1	22.6
10		25	25	21.06	21.14	21.33	21.12	20.89	22.6
10		50	0	21	21.08	21.3	21.14	20.89	22.6
10	64QAM	1	0	21.07	21.14	21.37	21.22	21.03	22.6
10		1	25	21.05	21.23	21.45	21.36	21.1	22.6
10		1	49	20.97	21.09	21.15	20.96	20.79	22.6
10		25	0	20.27	20.34	20.52	20.26	20.12	21.6
10		25	12	20.15	20.22	20.37	20.38	20.07	21.6
10		25	25	20.15	20.17	20.38	20.16	20.07	21.6
10		50	0	20.15	20.18	20.31	20.13	20.07	21.6
10	256QAM	1	0	18.05	18.19	18.31	18.1	18.05	19.6
10		1	25	18.2	18.05	18.28	18.16	17.95	19.6
10		1	49	17.86	17.94	18.1	17.95	17.85	19.6
10		25	0	18.19	18.18	18.46	18.25	18.17	19.6
10		25	12	18.24	18.27	18.5	18.35	18.17	19.6
10		25	25	18.09	18.19	18.39	18.2	18.05	19.6
10		50	0	18.13	18.22	18.45	18.26	18.1	19.6
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.43	23.45	23.63	23.44	23.31	24.6
5		1	12	23.03	23.1	23.25	23.13	22.93	24.6
5		1	24	22.82	22.99	23.19	23.02	22.92	24.6
5		12	0	22.18	22.24	22.37	22.24	22.06	23.6
5		12	7	22.22	22.18	22.47	22.2	22.04	23.6
5		12	13	22.03	22.14	22.3	22.06	22	23.6
5		25	0	22.15	22.19	22.4	22.15	22	23.6
5	16QAM	1	0	22.18	22.16	22.43	22.28	22.11	23.6
5		1	12	22.1	22.17	22.42	22.24	22.09	23.6
5		1	24	22.06	22.22	22.34	22.24	22.07	23.6
5		12	0	21.11	21.14	21.35	21.21	21.02	22.6
5		12	7	21.11	21.18	21.47	21.32	21.13	22.6
5		12	13	21.12	21.1	21.35	21.14	20.89	22.6
5		25	0	21.04	21.11	21.4	21.06	20.92	22.6
5	64QAM	1	0	20.97	21.19	21.39	21.17	21	22.6
5		1	12	21.08	21.19	21.44	21.34	21.11	22.6
5		1	24	20.99	21.11	21.19	21.04	20.8	22.6
5		12	0	20.27	20.31	20.46	20.32	20.11	21.6
5		12	7	20.12	20.12	20.47	20.36	20.04	21.6
5		12	13	20.18	20.17	20.44	20.29	20	21.6
5		25	0	20.08	20.16	20.36	20.1	20.06	21.6
5	256QAM	1	0	18.07	18.16	18.23	18.05	17.99	19.6
5		1	12	18.1	18.06	18.38	18.12	18.02	19.6
5		1	24	17.86	17.93	18.17	18.03	17.78	19.6
5		12	0	18.19	18.17	18.42	18.19	18.1	19.6
5		12	7	18.15	18.39	18.45	18.33	18.19	19.6
5		12	13	17.96	18.11	18.36	18.21	18.03	19.6
5		25	0	18.14	18.16	18.35	18.22	18.07	19.6

<LTE Band 4_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.95	24	23.86	25.2
20		1	49	23.78	23.92	23.75	25.2
20		1	99	23.73	23.85	23.7	25.2
20		50	0	22.76	22.86	22.68	24.2
20		50	24	22.68	22.76	22.58	24.2
20		50	50	22.58	22.72	22.52	24.2
20		100	0	22.79	22.89	22.68	24.2
20	16QAM	1	0	22.83	23.03	22.83	24.2
20		1	49	22.66	22.97	22.76	24.2
20		1	99	22.9	23.02	22.84	24.2
20		50	0	21.8	21.89	21.73	23.2
20		50	24	21.72	21.84	21.57	23.2
20		50	50	21.67	21.76	21.52	23.2
20		100	0	21.66	21.75	21.52	23.2
20	64QAM	1	0	21.65	21.84	21.58	23.2
20		1	49	21.58	22.06	21.92	23.2
20		1	99	21.94	22.01	21.8	23.2
20		50	0	20.68	20.84	20.59	22.2
20		50	24	20.74	20.91	20.78	22.2
20		50	50	20.58	20.76	20.51	22.2
20		100	0	20.76	20.85	20.68	22.2
20	256QAM	1	0	18.88	18.97	18.76	20.2
20		1	49	18.64	18.74	18.57	20.2
20		1	99	18.74	18.87	18.66	20.2
20		50	0	18.87	18.95	18.75	20.2
20		50	24	18.74	18.93	18.77	20.2
20		50	50	18.88	18.92	18.76	20.2
20		100	0	18.7	18.78	18.55	20.2
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.93	23.86	23.77	25.2
15		1	37	23.7	23.79	23.69	25.2
15		1	74	23.61	23.8	23.61	25.2
15		36	0	22.72	22.73	22.59	24.2
15		36	20	22.65	22.71	22.53	24.2
15		36	39	22.49	22.67	22.43	24.2
15		75	0	22.74	22.74	22.6	24.2
15		0		22.72	22.69	22.59	24.2
15	16QAM	1	0	22.76	22.9	22.74	24.2
15		1	37	22.62	22.66	22.78	24.2
15		1	74	22.62	22.66	22.76	24.2
15		36	0	21.66	21.79	21.63	23.2
15		36	20	21.66	21.7	21.52	23.2
15		36	39	21.55	21.65	21.44	23.2
15		75	0	21.63	21.66	21.42	23.2
15	64QAM	1	0	21.64	21.75	21.55	23.2
15		1	37	21.67	21.66	21.81	23.2
15		1	74	21.62	21.66	21.72	23.2
15		36	0	20.6	20.78	20.56	22.2
15		36	20	20.73	20.78	20.74	22.2
15		36	39	20.53	20.72	20.44	22.2
15		75	0	20.67	20.81	20.62	22.2
15	256QAM	1	0	18.82	18.88	18.73	20.2
15		1	37	18.55	18.73	18.45	20.2
15		1	74	18.6	18.64	18.55	20.2
15		36	0	18.85	18.91	18.7	20.2
15		36	20	18.6	18.8	18.73	20.2
15		36	39	18.78	18.79	18.63	20.2
15		75	0	18.64	18.73	18.51	20.2
Channel				20000	20175	20350	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.8	23.91	23.76	25.2
10		1	25	23.74	23.78	23.68	25.2
10		1	49	23.68	23.76	23.6	25.2
10		25	0	22.72	22.77	22.54	24.2
10		25	12	22.67	22.62	22.5	24.2
10		25	25	22.53	22.64	22.47	24.2
10		50	0	22.66	22.66	22.57	24.2
10	16QAM	1	0	22.71	22.95	22.79	24.2
10		1	25	22.8	22.85	22.63	24.2
10		1	49	22.83	22.89	22.82	24.2
10		25	0	21.68	21.75	21.71	23.2
10		25	12	21.71	21.82	21.44	23.2
10		25	25	21.54	21.75	21.43	23.2
10		50	0	21.63	21.71	21.43	23.2
10	64QAM	1	0	21.63	21.76	21.46	23.2
10		1	25	21.96	22.02	21.87	23.2
10		1	49	21.88	21.87	21.72	23.2
10		25	0	20.57	20.82	20.49	22.2
10		25	12	20.73	20.86	20.63	22.2
10		25	25	20.45	20.63	20.44	22.2
10		50	0	20.66	20.76	20.57	22.2
10	256QAM	1	0	18.84	18.91	18.64	20.2
10		1	25	18.61	18.64	18.46	20.2
10		1	49	18.7	18.79	18.61	20.2
10		25	0	18.76	18.8	18.7	20.2
10		25	12	18.69	18.81	18.65	20.2
10		25	25	18.77	18.8	18.68	20.2
10		50	0	18.65	18.82	18.52	20.2
Channel				19975	20175	20375	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.91	23.9	23.8	25.2
5		1	12	23.67	23.83	23.63	25.2
5		1	24	23.61	23.74	23.63	25.2
5		12	0	22.68	22.75	22.56	24.2
5		12	7	22.57	22.61	22.57	24.2
5		12	13	22.47	22.7	22.47	24.2
5		25	0	22.77	22.82	22.58	24.2
5	16QAM	1	0	22.69	22.92	22.74	24.2
5		1	12	22.73	22.92	22.66	24.2
5		1	24	22.81	22.95	22.72	24.2
5		12	0	21.71	21.84	21.69	23.2
5		12	7	21.62	21.77	21.52	23.2
5		12	13	21.62	21.68	21.38	23.2
5		25	0	21.58	21.67	21.42	23.2
5	64QAM	1	0	21.59	21.78	21.46	23.2
5		1	12	21.65	22.02	21.99	23.2
5		1	24	21.82	22	21.79	23.2
5		12	0	20.63	20.7	20.53	22.2
5		12	7	20.66	20.79	20.66	22.2
5		12	13	20.49	20.64	20.41	22.2
5		25	0	20.67	20.81	20.58	22.2
5	256QAM	1	0	18.83	18.85	18.62	20.2
5		1	12	18.49	18.63	18.5	20.2
5		1	24	18.6	18.84	18.59	20.2
5		12	0	18.8	18.89	18.72	20.2
5		12	7	18.62	18.87	18.7	20.2
5		12	13	18.84	18.73	18.73	20.2
5		25	0	18.65	18.67	18.53	20.2
Channel				19957	20175	20393	Tune-Up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.91	23.96	23.76	25.2
3		1	8	23.68	23.78	23.68	25.2
3		1	14	23.67	23.74	23.69	25.2
3		8	0	22.64	22.79	22.66	24.2
3		8	4	22.58	22.7	22.46	24.2
3		8	7	22.45	22.62	22.47	24.2
3		15	0	22.74	22.81	22.61	24.2
3	16QAM	1	0	22.74	22.97	22.72	24.2
3		1	8	22.8	22.93	22.66	24.2
3		1	14	22.87	22.9	22.74	24.2
3		8	0	21.78	21.76	21.71	23.2
3		8	4	21.65	21.76	21.44	23.2
3		8	7	21.64	21.66	21.39	23.2
3		15	0	21.54	21.73	21.39	23.2
3	64QAM	1	0	21.55	21.72	21.46	23.2
3		1	8	21.93	22.06	21.94	23.2
3		1	14	21.82	21.92	21.74	23.2
3		8	0	20.64	20.74	20.53	22.2
3		8	4	20.67	20.87	20.74	22.2
3		8	7	20.52	20.72	20.39	22.2
3		15	0	20.61	20.84	20.53	22.2
3	256QAM	1	0	18.85	18.84	18.68	20.2
3		1	8	18.61	18.65	18.42	20.2
3		1	14	18.61	18.73	18.55	20.2
3		8	0	18.88	18.93	18.65	20.2
3		8	4	18.63	18.84	18.66	20.2
3		8	7	18.81	18.89	18.61	20.2
3		15	0	18.6	18.7	18.52	20.2
Channel				19957	20175	20393	Tune-Up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.94	23.88	23.83	25.2
1.4		1	3	23.74	23.89	23.65	25.2
1.4		1	5	23.71	23.81	23.59	25.2
1.4		3	0	23.66	23.72	23.61	25.2
1.4		3	1	23.6	23.72	23.49	25.2
1.4		3	3	23.54	23.58	23.41	25.2
1.4		6	0	22.75	22.74	22.66	24.2
1.4	16QAM	1	0	22.69	22.91	22.72	24.2
1.4		1	3	22.79	22.84	22.7	24.2
1.4		1	5	22.63	22.69	22.69	24.2
1.4		3	0	22.75	22.66	22.69	24.2
1.4		3	1	22.63	22.71	22.49	24.2
1.4		3	3	22.58	22.63	22.43	24.2
1.4		6	0	21.55	21.67	21.43	23.2
1.4	64QAM	1	0	21.56	21.71	21.51	23.2
1.4		1	3	21.85	21.99	21.86	23.2
1.4		1	5	21.8	21.66	21.75	23.2
1.4		3	0	21.66	21.82	21.49	23.2
1.4		3	1	21.6	21.67	21.71	23.2
1.4		3	3	21.46	21.62	21.45	23.2
1.4		6	0	20.66	20.63	20.55	22.2
1.4	256QAM	1	0	18.8	18.89	18.63	20.2
1.4		1	3	18.62	18.6	18.43	20.2
1.4		1	5	18.62	18.84	18.61	20.2
1.4		3	0	18.84	18.9	18.68	20.2
1.4		3	1	18.64	18.86	18.67	20.2
1.4		3	3	18.84	18.82	18.66	20.2
1.4		6	0	18.57	18.69	18.52	20.2

<LTE Band 7_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.9	23.91	23.82	25.2
20		1	49	23.7	23.8	23.62	25.2
20		1	99	23.41	23.51	23.39	25.2
20		50	0	22.79	22.86	22.68	24.2
20		50	24	22.69	22.86	22.59	24.2
20		50	50	22.69	22.76	22.56	24.2
20		100	0	22.8	22.82	22.59	24.2
20	16QAM	1	0	22.96	23.12	22.94	24.2
20		1	49	23.03	23.11	22.97	24.2
20		1	99	22.71	22.77	22.63	24.2
20		50	0	21.79	21.85	21.64	23.2
20		50	24	21.71	21.84	21.61	23.2
20		50	50	21.62	21.66	21.45	23.2
20		100	0	21.73	21.82	21.68	23.2
20	64QAM	1	0	22.2	22.36	22.04	23.2
20		1	49	21.94	22.01	21.89	23.2
20		1	99	21.81	21.94	21.65	23.2
20		50	0	20.75	20.89	20.79	22.2
20		50	24	20.67	20.82	20.66	22.2
20		50	50	20.63	20.79	20.52	22.2
20		100	0	20.82	20.89	20.8	22.2
20	256QAM	1	0	18.98	19	18.91	20.2
20		1	49	18.67	18.81	18.7	20.2
20		1	99	18.83	18.96	18.65	20.2
20		50	0	18.85	18.87	18.78	20.2
20		50	24	18.77	18.87	18.67	20.2
20		50	50	18.76	18.91	18.67	20.2
20		100	0	18.85	18.91	18.8	20.2
Channel				20825	21100	21375	Tune-Up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.87	23.78	23.73	25.2
15		1	37	23.67	23.7	23.59	25.2
15		1	74	23.3	23.41	23.28	25.2
15		36	0	22.67	22.73	22.6	24.2
15		36	20	22.73	22.73	22.67	24.2
15		36	39	22.64	22.69	22.48	24.2
15		75	0	22.7	22.8	22.51	24.2
15		0		22.9	23.1	22.85	24.2
15	16QAM	1	0	22.9	23.02	22.88	24.2
15		1	37	22.57	22.63	22.54	24.2
15		1	74	22.63	22.71	22.6	24.2
15		36	0	21.73	21.71	21.6	23.2
15		36	20	21.69	21.76	21.58	23.2
15		36	39	21.5	21.57	21.42	23.2
15		75	0	21.65	21.73	21.55	23.2
15	64QAM	1	0	22.13	22.12	21.99	23.2
15		1	37	21.84	21.89	21.77	23.2
15		1	74	21.74	21.81	21.53	23.2
15		36	0	20.65	20.78	20.75	22.2
15		36	20	20.62	20.71	20.53	22.2
15		36	39	20.51	20.62	20.46	22.2
15		75	0	20.73	20.75	20.77	22.2
15	256QAM	1	0	18.91	18.91	18.79	20.2
15		1	37	18.65	18.79	18.61	20.2
15		1	74	18.73	18.62	18.56	20.2
15		36	0	18.76	18.74	18.66	20.2
15		36	20	18.68	18.76	18.63	20.2
15		36	39	18.7	18.7	18.52	20.2
15		75	0	18.77	18.83	18.71	20.2
Channel				20800	21100	21400	Tune-Up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.76	23.77	23.71	25.2
10		1	25	23.68	23.77	23.59	25.2
10		1	49	23.28	23.37	23.36	25.2
10		25	0	22.71	22.72	22.65	24.2
10		25	12	22.7	22.82	22.63	24.2
10		25	25	22.58	22.74	22.43	24.2
10		50	0	22.68	22.75	22.52	24.2
10	16QAM	1	0	22.91	23.09	22.91	24.2
10		1	25	23.02	23.07	22.84	24.2
10		1	49	22.57	22.62	22.62	24.2
10		25	0	21.75	21.73	21.63	23.2
10		25	12	21.57	21.71	21.54	23.2
10		25	25	21.58	21.54	21.37	23.2
10		50	0	21.59	21.74	21.65	23.2
10	64QAM	1	0	22.09	22.21	21.9	23.2
10		1	25	21.86	21.9	21.76	23.2
10		1	49	21.7	21.73	21.61	23.2
10		25	0	20.68	20.75	20.77	22.2
10		25	12	20.62	20.81	20.51	22.2
10		25	25	20.53	20.72	20.41	22.2
10		50	0	20.77	20.85	20.68	22.2
10	256QAM	1	0	18.84	18.87	18.69	20.2
10		1	25	18.61	18.67	18.58	20.2
10		1	49	18.77	18.84	18.52	20.2
10		25	0	18.71	18.83	18.74	20.2
10		25	12	18.64	18.85	18.52	20.2
10		25	25	18.76	18.68	18.66	20.2
10		50	0	18.79	18.83	18.72	20.2
Channel				20775	21100	21425	Tune-Up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.77	23.77	23.75	25.2
5		1	12	23.58	23.69	23.58	25.2
5		1	24	23.33	23.45	23.31	25.2
5		12	0	22.78	22.8	22.55	24.2
5		12	7	22.57	22.61	22.62	24.2
5		12	13	22.61	22.69	22.53	24.2
5		25	0	22.74	22.74	22.46	24.2
5	16QAM	1	0	22.89	22.99	22.9	24.2
5		1	12	22.97	23.04	22.89	24.2
5		1	24	22.67	22.71	22.54	24.2
5		12	0	21.74	21.75	21.6	23.2
5		12	7	21.68	21.7	21.46	23.2
5		12	13	21.61	21.58	21.41	23.2
5		25	0	21.6	21.7	21.57	23.2
5	64QAM	1	0	22.09	22.23	21.92	23.2
5		1	12	21.85	21.91	21.84	23.2
5		1	24	21.79	21.79	21.52	23.2
5		12	0	20.6	20.86	20.76	22.2
5		12	7	20.53	20.77	20.54	22.2
5		12	13	20.53	20.71	20.38	22.2
5		25	0	20.7	20.75	20.76	22.2
5	256QAM	1	0	18.96	18.95	18.77	20.2
5		1	12	18.53	18.71	18.64	20.2
5		1	24	18.68	18.83	18.61	20.2
5		12	0	18.83	18.79	18.68	20.2
5		12	7	18.74	18.86	18.65	20.2
5		12	13	18.68	18.86	18.64	20.2
5		25	0	18.8	18.77	18.67	20.2

<LTE Band 66_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24	24.03	23.82	25.2
20		1	49	23.77	23.94	23.5	25.2
20		1	99	23.78	23.85	23.57	25.2
20		50	0	22.8	22.89	22.56	24.2
20		50	24	22.7	22.86	22.62	24.2
20		50	50	22.75	22.82	22.61	24.2
20		100	0	22.74	22.83	22.49	24.2
20	16QAM	1	0	22.91	22.99	22.71	24.2
20		1	49	23.02	23.19	22.85	24.2
20		1	99	23.05	23.18	22.97	24.2
20		50	0	21.72	21.88	21.65	23.2
20		50	24	21.69	21.86	21.58	23.2
20		50	50	21.78	21.91	21.58	23.2
20		100	0	21.81	21.92	21.62	23.2
20	64QAM	1	0	21.92	22.1	21.76	23.2
20		1	49	21.93	22.06	21.74	23.2
20		1	99	21.93	22.03	21.72	23.2
20		50	0	20.84	20.91	20.66	22.2
20		50	24	20.77	20.89	20.59	22.2
20		50	50	20.72	20.84	20.61	22.2
20		100	0	20.71	20.84	20.53	22.2
20	256QAM	1	0	18.98	19.02	18.79	20.2
20		1	49	18.82	18.99	18.74	20.2
20		1	99	18.91	18.97	18.77	20.2
20		50	0	18.93	19	18.71	20.2
20		50	24	18.92	18.99	18.8	20.2
20		50	50	18.83	18.98	18.77	20.2
20		100	0	18.93	18.97	18.57	20.2
Channel				132047	132122	132197	Tune-up Limit (dBm)
Frequency (MHz)				1717.7	1745	1772.3	
15	QPSK	1	0	23.88	23.83	23.59	25.2
15		1	37	23.59	23.64	23.31	25.2
15		1	74	23.51	23.71	23.41	25.2
15		36	0	22.48	22.77	22.41	24.2
15		36	20	22.55	22.63	22.45	24.2
15		36	39	22.5	22.65	22.36	24.2
15		75	0	22.58	22.59	22.39	24.2
15		0		22.71	22.79	22.58	24.2
15	16QAM	1	0	22.97	23.02	22.79	24.2
15		1	37	22.65	22.84	22.6	24.2
15		1	74	22.63	22.69	22.8	24.2
15		36	0	21.63	21.69	21.38	23.2
15		36	20	21.47	21.71	21.41	23.2
15		36	39	21.63	21.69	21.44	23.2
15		75	0	21.71	21.72	21.48	23.2
15	64QAM	1	0	21.74	21.87	21.71	23.2
15		1	37	21.84	21.85	21.83	23.2
15		1	74	21.7	21.89	21.49	23.2
15		36	0	20.6	20.78	20.49	22.2
15		36	20	20.6	20.69	20.39	22.2
15		36	39	20.45	20.61	20.47	22.2
15		75	0	20.64	20.7	20.44	22.2
15	256QAM	1	0	18.67	18.83	18.58	20.2
15		1	37	18.71	18.82	18.56	20.2
15		1	74	18.63	18.74	18.48	20.2
15		36	0	18.74	18.77	18.51	20.2
15		36	20	18.66	18.85	18.65	20.2
15		36	39	18.69	18.84	18.56	20.2
15		75	0	18.71	18.74	18.54	20.2
Channel				132022	132322	132622	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.73	23.84	23.59	25.2
10		1	25	23.64	23.71	23.31	25.2
10		1	49	23.49	23.61	23.33	25.2
10		25	0	22.47	22.68	22.36	24.2
10		25	12	22.49	22.68	22.37	24.2
10		25	25	22.46	22.62	22.34	24.2
10		50	0	22.56	22.63	22.32	24.2
10	16QAM	1	0	22.77	22.74	22.53	24.2
10		1	25	22.94	22.95	22.76	24.2
10		1	49	22.84	22.94	22.73	24.2
10		25	0	21.68	21.69	21.47	23.2
10		25	12	21.57	21.66	21.41	23.2
10		25	25	21.52	21.78	21.37	23.2
10		50	0	21.58	21.61	21.47	23.2
10	64QAM	1	0	21.76	21.94	21.71	23.2
10		1	25	21.75	21.92	21.58	23.2
10		1	49	21.63	21.79	21.55	23.2
10		25	0	20.65	20.79	20.49	22.2
10		25	12	20.52	20.74	20.38	22.2
10		25	25	20.43	20.64	20.41	22.2
10		50	0	20.6	20.7	20.52	22.2
10	256QAM	1	0	18.73	18.84	18.59	20.2
10		1	25	18.7	18.87	18.51	20.2
10		1	49	18.63	18.76	18.59	20.2
10		25	0	18.72	18.76	18.61	20.2
10		25	12	18.71	18.83	18.57	20.2
10		25	25	18.63	18.85	18.55	20.2
10		50	0	18.77	18.75	18.55	20.2
Channel				131997	132322	132647	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1

<LTE Band 38_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.06	24.17	24.1	25.2
20		1	49	23.89	24.15	24.05	25.2
20		1	99	23.77	23.99	23.77	25.2
20		50	0	22.96	23.18	22.97	24.2
20		50	24	22.86	23.15	22.93	24.2
20		50	50	22.88	23.06	22.91	24.2
20		100	0	22.92	23.14	22.98	24.2
20	16QAM	1	0	23.32	23.47	23.3	24.2
20		1	49	23.34	23.48	23.35	24.2
20		1	99	23.2	23.44	23.32	24.2
20		50	0	22.1	22.28	22.09	23.2
20		50	24	22.06	22.21	22.1	23.2
20		50	50	22	22.13	22	23.2
20		100	0	21.94	22.16	22.05	23.2
20	64QAM	1	0	22.45	22.57	22.4	23.2
20		1	49	22.37	22.51	22.43	23.2
20		1	99	22.21	22.33	22.25	23.2
20		50	0	21.1	21.22	21.03	22.2
20		50	24	21.05	21.22	21.09	22.2
20		50	50	20.93	21.13	20.98	22.2
20		100	0	21.01	21.16	21.05	22.2
20	256QAM	1	0	19.02	19.21	19.09	20.2
20		1	49	19.34	19.51	19.38	20.2
20		1	99	19.09	19.22	19.1	20.2
20		50	0	19.04	19.25	19.06	20.2
20		50	24	19.08	19.2	19.07	20.2
20		50	50	18.96	19.15	19.08	20.2
20		100	0	19.11	19.25	19.11	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.92	24.13	24.02	25.2
15		1	37	23.84	24	23.99	25.2
15		1	74	23.7	23.86	23.65	25.2
15		36	0	22.81	23.15	22.93	24.2
15		36	20	22.95	23.11	22.95	24.2
15		36	39	22.84	23.03	22.81	24.2
15		75	0	22.77	22.99	22.86	24.2
15	16QAM	1	0	23.17	23.39	23.25	24.2
15		1	37	23.32	23.41	23.24	24.2
15		1	74	23.09	23.33	23.31	24.2
15		36	0	22.04	22.14	21.97	23.2
15		36	20	22	22.07	21.98	23.2
15		36	39	21.88	22.03	21.9	23.2
15		75	0	21.87	22.07	21.98	23.2
15	64QAM	1	0	22.3	22.44	22.39	23.2
15		1	37	22.28	22.41	22.36	23.2
15		1	74	22.14	22.26	22.24	23.2
15		36	0	21.09	21.1	20.9	22.2
15		36	20	21.04	21.2	21.07	22.2
15		36	39	20.92	21	20.84	22.2
15		75	0	20.91	21.05	20.99	22.2
15	256QAM	1	0	18.9	19.18	18.97	20.2
15		1	37	19.31	19.45	19.35	20.2
15		1	74	19.04	19.21	18.99	20.2
15		36	0	18.96	19.19	18.99	20.2
15		36	20	19.03	19.06	18.94	20.2
15		36	39	18.82	19.14	19.04	20.2
15		75	0	19.06	19.12	19.02	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.94	24.07	24.03	25.2
10		1	25	23.81	24.05	23.99	25.2
10		1	49	23.64	23.95	23.76	25.2
10		25	0	22.92	23.13	22.85	24.2
10		25	12	22.86	23	22.97	24.2
10		25	25	22.83	22.92	22.87	24.2
10		50	0	22.87	23.12	22.92	24.2
10	16QAM	1	0	23.26	23.42	23.24	24.2
10		1	25	23.19	23.41	23.33	24.2
10		1	49	23.17	23.33	23.21	24.2
10		25	0	22.06	22.22	22.03	23.2
10		25	12	21.97	22.13	21.98	23.2
10		25	25	21.86	22	21.95	23.2
10		50	0	21.93	22.14	21.99	23.2
10	64QAM	1	0	22.41	22.43	22.28	23.2
10		1	25	22.23	22.36	22.33	23.2
10		1	49	22.13	22.3	22.15	23.2
10		25	0	20.99	21.14	20.96	22.2
10		25	12	21.02	21.17	21.08	22.2
10		25	25	20.9	21.01	20.88	22.2
10		50	0	20.9	21.15	20.98	22.2
10	256QAM	1	0	18.97	19.11	19.01	20.2
10		1	25	19.23	19.42	19.26	20.2
10		1	49	19.02	19.1	19.01	20.2
10		25	0	18.95	19.23	18.94	20.2
10		25	12	19	19.1	19.04	20.2
10		25	25	18.84	19.14	19.03	20.2
10		50	0	18.99	19.19	19.1	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.92	24.15	24	25.2
5		1	12	23.87	24.07	23.94	25.2
5		1	24	23.75	23.87	23.71	25.2
5		12	0	22.89	23.14	22.91	24.2
5		12	7	22.83	23.11	22.99	24.2
5		12	13	22.76	23.01	22.95	24.2
5		25	0	22.9	23.09	22.92	24.2
5	16QAM	1	0	23.19	23.37	23.18	24.2
5		1	12	23.22	23.41	23.3	24.2
5		1	24	23.13	23.39	23.31	24.2
5		12	0	22.08	22.14	21.97	23.2
5		12	7	22.04	22.14	22.06	23.2
5		12	13	21.87	21.99	21.97	23.2
5		25	0	21.81	22.03	22.01	23.2
5	64QAM	1	0	22.33	22.53	22.32	23.2
5		1	12	22.31	22.41	22.41	23.2
5		1	24	22.08	22.26	22.15	23.2
5		12	0	21.02	21.2	20.98	22.2
5		12	7	20.92	21.14	21	22.2
5		12	13	20.91	21.02	20.94	22.2
5		25	0	20.95	21.08	21	22.2
5	256QAM	1	0	18.97	19.07	18.95	20.2
5		1	12	19.22	19.41	19.3	20.2
5		1	24	19.05	19.07	19.07	20.2
5		12	0	18.98	19.18	18.96	20.2
5		12	7	19.03	19.07	18.99	20.2
5		12	13	18.89	19.11	18.97	20.2
5		25	0	19.01	19.14	19.02	20.2

<LTE Band 41_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.85	24.18	24.2	23.79	23.75	25.2
20		1	49	23.82	24.15	24.19	23.76	23.63	25.2
20		1	99	23.61	24.03	24.07	23.62	23.51	25.2
20		50	0	22.8	23.08	23.24	22.8	22.74	24.2
20		50	24	22.75	23.1	23.21	22.78	22.68	24.2
20		50	50	22.76	23.06	23.23	22.74	22.71	24.2
20		100	0	22.77	23.14	23.24	22.83	22.7	24.2
20	16QAM	1	0	23.1	23.37	23.52	22.97	22.95	24.2
20		1	49	23.08	23.43	23.56	23.05	22.98	24.2
20		1	99	23.18	23.47	23.55	23.11	23.03	24.2
20		50	0	21.88	22.18	22.22	21.73	21.71	23.2
20		50	24	21.86	22.13	22.25	21.79	21.8	23.2
20		50	50	21.93	22.27	22.31	21.91	21.82	23.2
20		100	0	21.95	22.22	22.3	21.82	21.81	23.2
20	64QAM	1	0	22.09	22.39	22.46	21.95	21.98	23.2
20		1	49	22.14	22.41	22.51	22.06	21.99	23.2
20		1	99	21.81	22.19	22.28	21.85	21.74	23.2
20		50	0	20.8	21.11	21.25	20.83	20.72	22.2
20		50	24	20.92	21.15	21.26	20.88	20.82	22.2
20		50	50	20.85	21.2	21.26	20.76	20.82	22.2
20		100	0	20.93	21.16	21.26	20.85	20.86	22.2
20	256QAM	1	0	18.96	19.21	19.33	18.88	18.83	20.2
20		1	49	18.9	19.15	19.27	18.84	18.82	20.2
20		1	99	18.89	19.14	19.25	18.83	18.82	20.2
20		50	0	18.97	19.21	19.3	18.94	18.91	20.2
20		50	24	18.9	19.08	19.24	18.89	18.83	20.2
20		50	50	18.84	19.1	19.22	18.78	18.76	20.2
20		100	0	18.9	19.12	19.2	18.85	18.82	20.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.8	24.08	24.11	23.73	23.66	25.2
15		1	37	23.68	24.09	24.06	23.62	23.52	25.2
15		1	74	23.47	24	23.99	23.47	23.43	25.2
15		36	0	22.77	23	23.19	22.71	22.71	24.2
15		36	20	22.67	22.97	23.15	22.75	22.62	24.2
15		36	39	22.68	23.03	23.14	22.67	22.67	24.2
15		75	0	22.7	23.1	23.19	22.77	22.6	24.2
15	16QAM	1	0	23.08	23.31	23.47	22.93	22.89	24.2
15		1	37	22.97	23.38	23.48	22.93	22.92	24.2
15		1	74	23.04	23.36	23.52	23	22.95	24.2
15		36	0	21.8	22.11	22.1	21.71	21.64	23.2
15		36	20	21.73	21.99	22.14	21.66	21.7	23.2
15		36	39	21.87	22.22	22.23	21.88	21.78	23.2
15		75	0	21.81	22.13	22.28	21.8	21.71	23.2
15	64QAM	1	0	22	22.34	22.33	21.88	21.97	23.2
15		1	37	22.09	22.27	22.44	21.92	21.88	23.2
15		1	74	21.68	22.17	22.14	21.76	21.67	23.2
15		36	0	20.7	21.07	21.14	20.78	20.65	22.2
15		36	20	20.81	21.11	21.15	20.77	20.68	22.2
15		36	39	20.78	21.07	21.22	20.63	20.77	22.2
15		75	0	20.8	21.04	21.22	20.82	20.8	22.2
15	256QAM	1	0	18.83	19.13	19.21	18.87	18.7	20.2
15		1	37	18.83	19.08	19.12	18.69	18.69	20.2
15		1	74	18.87	19.08	19.22	18.8	18.77	20.2
15		36	0	18.89	19.1	19.17	18.9	18.79	20.2
15		36	20	18.81	18.95	19.1	18.86	18.79	20.2
15		36	39	18.79	19	19.2	18.77	18.73	20.2
15		75	0	18.87	19.03	19.13	18.73	18.81	20.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.72	24.08	24.17	23.76	23.68	25.2
10		1	25	23.7	24.12	24.08	23.73	23.51	25.2
10		1	49	23.47	23.95	23.99	23.51	23.44	25.2
10		25	0	22.7	23.07	23.07	22.72	22.69	24.2
10		25	12	22.68	23.08	23.2	22.66	22.54	24.2
10		25	25	22.7	23.04	23.17	22.62	22.63	24.2
10		50	0	22.7	23.01	23.12	22.7	22.59	24.2
10	16QAM	1	0	22.99	23.32	23.39	22.83	22.92	24.2
10		1	25	23.04	23.39	23.54	22.92	22.94	24.2
10		1	49	23.08	23.35	23.44	22.98	22.91	24.2
10		25	0	21.76	22.12	22.15	21.62	21.63	23.2
10		25	12	21.75	22.07	22.11	21.68	21.7	23.2
10		25	25	21.87	22.25	22.22	21.89	21.75	23.2
10		50	0	21.83	22.13	22.29	21.71	21.74	23.2
10	64QAM	1	0	21.98	22.34	22.32	21.92	21.92	23.2
10		1	25	22.12	22.35	22.43	21.94	21.89	23.2
10		1	49	21.75	22.04	22.19	21.83	21.67	23.2
10		25	0	20.67	20.99	21.13	20.79	20.69	22.2
10		25	12	20.82	21.14	21.11	20.78	20.73	22.2
10		25	25	20.79	21.12	21.24	20.72	20.77	22.2
10		50	0	20.89	21.11	21.2	20.77	20.76	22.2
10	256QAM	1	0	18.81	19.18	19.24	18.78	18.68	20.2
10		1	25	18.86	19.13	19.22	18.74	18.81	20.2
10		1	49	18.77	19.13	19.21	18.82	18.77	20.2
10		25	0	18.91	19.13	19.22	18.85	18.81	20.2
10		25	12	18.86	19.05	19.17	18.79	18.7	20.2
10		25	25	18.77	18.97	19.17	18.64	18.73	20.2
10		50	0	18.8	18.99	19.1	18.72	18.77	20.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.71	24.15	24.07	23.68	23.65	25.2
5		1	12	23.78	24.05	24.07	23.61	23.52	25.2
5		1	24	23.5	23.95	23.96	23.51	23.48	25.2
5		12	0	22.69	22.96	23.08	22.69	22.73	24.2
5		12	7	22.63	23.06	23.12	22.68	22.55	24.2
5		12	13	22.73	23.01	23.17	22.73	22.66	24.2
5		25	0	22.71	23.06	23.19	22.72	22.62	24.2
5	16QAM	1	0	23.07	23.24	23.38	22.92	22.87	24.2
5		1	12	22.94	23.37	23.48	23.02	22.97	24.2
5		1	24	23.14	23.32	23.51	22.97	22.95	24.2
5		12	0	21.86	22.1	22.11	21.63	21.61	23.2
5		12	7	21.73	21.99	22.2	21.69	21.79	23.2
5		12	13	21.82	22.26	22.3	21.86	21.71	23.2
5		25	0	21.84	22.12	22.24	21.79	21.75	23.2
5	64QAM	1	0	21.94	22.31	22.36	21.9	21.92	23.2
5		1	12	22.09	22.31	22.47	22.02	21.84	23.2
5		1	24	21.73	22.07	22.13	21.83	21.63	23.2
5		12	0	20.73	21.05	21.24	20.77	20.69	22.2
5		12	7	20.8	21.06	21.13	20.77	20.71	22.2
5		12	13	20.73	21.14	21.18	20.68	20.69	22.2
5		25	0	20.8	21.15	21.18	20.81	20.77	22.2
5	256QAM	1	0	18.92	19.13	19.25	18.85	18.72	20.2
5		1	12	18.8	19.07	19.25	18.74	18.76	20.2
5		1	24	18.8	19.02	19.16	18.74	18.74	20.2
5		12	0	18.86	19.1	19.22	18.87	18.86	20.2
5		12	7	18.76	18.96	19.23	18.82	18.7	20.2
5		12	13	18.73	19.04	19.16	18.66	18.7	20.2
5		25	0	18.76	19.07	19.09	18.76	18.78	20.2

<LTE Band 42 (27Q)_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.3	22.5	22.45	24.2
20		1	49	22.11	22.32	22.12	24.2
20		1	99	22.02	22.29	22.09	24.2
20		50	0	21.55	21.56	21.36	23.2
20		50	24	21.33	21.55	21.49	23.2
20		50	50	21.16	21.46	21.31	23.2
20		100	0	21.27	21.53	21.35	23.2
20	16QAM	1	0	21.48	21.74	21.62	23.2
20		1	49	21.52	21.74	21.57	23.2
20		1	99	21.38	21.7	21.53	23.2
20		50	0	20.31	20.51	20.37	22.2
20		50	24	20.39	20.59	20.51	22.2
20		50	50	20.25	20.52	20.4	22.2
20		100	0	20.32	20.59	20.43	22.2
20	64QAM	1	0	20.64	20.87	20.68	22.2
20		1	49	20.31	20.56	20.46	22.2
20		1	99	20.42	20.74	20.65	22.2
20		50	0	19.27	19.5	19.41	21.2
20		50	24	19.33	19.59	19.45	21.2
20		50	50	19.29	19.48	19.34	21.2
20		100	0	19.28	19.46	19.39	21.2
20	256QAM	1	0	17.44	17.63	17.47	19.2
20		1	49	17.42	17.62	17.53	19.2
20		1	99	17.39	17.56	17.44	19.2
20		50	0	17.31	17.48	17.36	19.2
20		50	24	17.31	17.55	17.47	19.2
20		50	50	17.27	17.53	17.36	19.2
20		100	0	17.34	17.53	17.46	19.2
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.23	22.36	22.42	24.2
15		1	37	21.97	22.21	21.99	24.2
15		1	74	21.92	22.16	21.98	24.2
15		36	0	21.04	21.38	21.22	23.2
15		36	20	21.19	21.5	21.46	23.2
15		36	39	21.1	21.43	21.19	23.2
15		75	0	21.25	21.47	21.27	23.2
15	16QAM	1	0	21.42	21.67	21.48	23.2
15		1	37	21.46	21.69	21.45	23.2
15		1	74	21.34	21.64	21.41	23.2
15		36	0	20.22	20.44	20.28	22.2
15		36	20	20.28	20.51	20.44	22.2
15		36	39	20.23	20.5	20.29	22.2
15		75	0	20.27	20.49	20.41	22.2
15	64QAM	1	0	20.53	20.85	20.65	22.2
15		1	37	20.22	20.47	20.32	22.2
15		1	74	20.38	20.63	20.5	22.2
15		36	0	19.19	19.42	19.32	21.2
15		36	20	19.2	19.45	19.38	21.2
15		36	39	19.27	19.46	19.23	21.2
15		75	0	19.2	19.33	19.3	21.2
15	256QAM	1	0	17.34	17.49	17.33	19.2
15		1	37	17.36	17.5	17.47	19.2
15		1	74	17.32	17.49	17.4	19.2
15		36	0	17.18	17.34	17.31	19.2
15		36	20	17.2	17.45	17.35	19.2
15		36	39	17.16	17.42	17.27	19.2
15		75	0	17.24	17.46	17.42	19.2
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.27	22.45	22.38	24.2
10		1	25	22.06	22.25	22	24.2
10		1	49	21.95	22.16	21.97	24.2
10		25	0	21.07	21.39	21.33	23.2
10		25	12	21.2	21.49	21.44	23.2
10		25	25	21.01	21.38	21.28	23.2
10		50	0	21.25	21.46	21.24	23.2
10	16QAM	1	0	21.38	21.7	21.51	23.2
10		1	25	21.37	21.69	21.52	23.2
10		1	49	21.36	21.68	21.4	23.2
10		25	0	20.27	20.45	20.34	22.2
10		25	12	20.24	20.49	20.43	22.2
10		25	25	20.24	20.46	20.35	22.2
10		50	0	20.22	20.49	20.38	22.2
10	64QAM	1	0	20.59	20.85	20.58	22.2
10		1	25	20.25	20.47	20.32	22.2
10		1	49	20.36	20.62	20.57	22.2
10		25	0	19.22	19.35	19.37	21.2
10		25	12	19.27	19.55	19.33	21.2
10		25	25	19.15	19.4	19.28	21.2
10		50	0	19.19	19.43	19.34	21.2
10	256QAM	1	0	17.39	17.49	17.38	19.2
10		1	25	17.36	17.57	17.49	19.2
10		1	49	17.32	17.55	17.37	19.2
10		25	0	17.2	17.33	17.27	19.2
10		25	12	17.28	17.5	17.4	19.2
10		25	25	17.15	17.39	17.3	19.2
10		50	0	17.2	17.39	17.37	19.2
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.15	22.38	22.32	24.2
5		1	12	22.01	22.22	22.05	24.2
5		1	24	21.94	22.26	22.03	24.2
5		12	0	21.1	21.45	21.3	23.2
5		12	7	21.27	21.54	21.41	23.2
5		12	13	21.09	21.4	21.21	23.2
5		25	0	21.19	21.51	21.3	23.2
5	16QAM	1	0	21.44	21.7	21.52	23.2
5		1	12	21.49	21.67	21.49	23.2
5		1	24	21.32	21.57	21.41	23.2
5		12	0	20.19	20.47	20.26	22.2
5		12	7	20.26	20.47	20.41	22.2
5		12	13	20.24	20.44	20.27	22.2
5		25	0	20.22	20.44	20.4	22.2
5	64QAM	1	0	20.63	20.78	20.55	22.2
5		1	12	20.25	20.47	20.33	22.2
5		1	24	20.37	20.62	20.51	22.2
5		12	0	19.17	19.42	19.37	21.2
5		12	7	19.29	19.53	19.35	21.2
5		12	13	19.26	19.34	19.25	21.2
5		25	0	19.25	19.34	19.38	21.2
5	256QAM	1	0	17.35	17.52	17.42	19.2
5		1	12	17.39	17.52	17.43	19.2
5		1	24	17.37	17.45	17.42	19.2
5		12	0	17.24	17.46	17.35	19.2
5		12	7	17.18	17.44	17.42	19.2
5		12	13	17.12	17.47	17.3	19.2
5		25	0	17.25	17.42	17.32	19.2

<LTE Band 48_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.86	20.87	20.97	20.88	20.5	22.4
20		1	49	20.78	20.83	20.95	20.75	20.33	22.4
20		1	99	20.71	20.67	20.87	20.65	20.36	22.4
20		50	0	19.95	19.89	20.09	19.88	19.5	21.4
20		50	24	19.95	19.85	20.08	19.89	19.5	21.4
20		50	50	19.79	19.8	20.01	19.78	19.48	21.4
20		100	0	19.84	19.9	20.05	19.91	19.51	21.4
20	16QAM	1	0	20.21	20.14	20.34	20.15	19.86	21.4
20		1	49	20.06	20.09	20.31	20.16	19.76	21.4
20		1	99	20.32	20.33	20.47	20.26	19.91	21.4
20		50	0	18.91	18.99	19.13	18.97	18.59	20.4
20		50	24	18.87	18.86	19.07	18.88	18.56	20.4
20		50	50	18.82	18.85	19.06	18.94	18.57	20.4
20		100	0	18.9	19.01	19.12	19.02	18.6	20.4
20	64QAM	1	0	19.17	19.11	19.3	19.1	18.75	20.4
20		1	49	19.22	19.16	19.33	19.12	18.86	20.4
20		1	99	19.06	19.06	19.2	19.08	18.68	20.4
20		50	0	17.91	17.96	18.09	17.99	17.57	19.4
20		50	24	17.87	17.9	18.01	17.84	17.46	19.4
20		50	50	17.98	17.95	18.09	17.89	17.59	19.4
20		100	0	17.99	17.93	18.11	17.98	17.64	19.4
20	256QAM	1	0	15.93	15.92	16.09	15.88	15.66	17.4
20		1	49	15.92	15.97	16.13	15.92	15.7	17.4
20		1	99	15.87	15.94	16.1	15.89	15.69	17.4
20		50	0	15.92	15.96	16.08	15.94	15.68	17.4
20		50	24	15.93	16.04	16.14	16.05	15.65	17.4
20		50	50	16.05	16.07	16.17	16.08	15.68	17.4
20		100	0	16.05	16.03	16.2	16.12	15.8	17.4
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.76	20.81	20.86	20.83	20.43	22.4
15		1	37	20.77	20.74	20.92	20.62	20.28	22.4
15		1	74	20.69	20.63	20.81	20.58	20.3	22.4
15		36	0	19.93	19.83	19.99	19.81	19.45	21.4
15		36	20	19.91	19.71	19.93	19.77	19.4	21.4
15		36	39	19.74	19.75	19.89	19.72	19.46	21.4
15		75	0	19.77	19.8	20.03	19.81	19.39	21.4
15	16QAM	1	0	20.12	20.06	20.31	20.03	19.84	21.4
15		1	37	19.95	20.06	20.17	20.09	19.74	21.4
15		1	74	20.28	20.23	20.46	20.23	19.89	21.4
15		36	0	18.79	18.92	19.04	18.91	18.53	20.4
15		36	20	18.75	18.82	19.05	18.82	18.44	20.4
15		36	39	18.76	18.77	18.93	18.89	18.52	20.4
15		75	0	18.8	18.95	19.03	18.95	18.46	20.4
15	64QAM	1	0	19.14	19.09	19.17	18.97	18.64	20.4
15		1	37	19.12	19.03	19.28	19	18.78	20.4
15		1	74	18.95	19.05	19.09	19.03	18.61	20.4
15		36	0	17.77	17.83	18	17.88	17.56	19.4
15		36	20	17.76	17.79	17.99	17.73	17.39	19.4
15		36	39	17.94	17.82	18.01	17.84	17.47	19.4
15		75	0	17.91	17.86	18.01	17.86	17.52	19.4
15	256QAM	1	0	15.81	15.8	16.05	15.87	15.55	17.4
15		1	37	15.82	15.91	16.12	15.9	15.66	17.4
15		1	74	15.82	15.88	15.99	15.75	15.54	17.4
15		36	0	15.77	15.93	16.04	15.84	15.66	17.4
15		36	20	15.84	16.01	16.04	15.9	15.54	17.4
15		36	39	15.96	16.05	16.03	15.95	15.58	17.4
15		75	0	15.98	15.88	16.18	16.02	15.77	17.4
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.81	20.85	20.88	20.75	20.39	22.4
10		1	25	20.76	20.75	20.85	20.64	20.31	22.4
10		1	49	20.59	20.63	20.75	20.64	20.29	22.4
10		25	0	19.86	19.79	19.99	19.78	19.42	21.4
10		25	12	19.92	19.83	20.06	19.76	19.38	21.4
10		25	25	19.71	19.78	19.9	19.64	19.44	21.4
10		50	0	19.78	19.89	19.97	19.83	19.4	21.4
10	16QAM	1	0	20.14	20.08	20.2	20.1	19.81	21.4
10		1	25	19.97	20	20.25	20.02	19.63	21.4
10		1	49	20.26	20.21	20.34	20.18	19.89	21.4
10		25	0	18.78	18.84	19.09	18.9	18.55	20.4
10		25	12	18.77	18.76	19.03	18.78	18.43	20.4
10		25	25	18.78	18.74	18.94	18.86	18.55	20.4
10		50	0	18.85	18.86	18.98	18.94	18.49	20.4
10	64QAM	1	0	19.05	19.01	19.25	18.98	18.74	20.4
10		1	25	19.11	19.08	19.31	19.04	18.78	20.4
10		1	49	18.94	18.96	19.16	18.94	18.59	20.4
10		25	0	17.87	17.9	17.99	17.87	17.47	19.4
10		25	12	17.72	17.76	17.86	17.82	17.39	19.4
10		25	25	17.89	17.81	18.05	17.78	17.46	19.4
10		50	0	17.86	17.81	18.04	17.93	17.59	19.4
10	256QAM	1	0	15.89	15.9	15.99	15.76	15.55	17.4
10		1	25	15.88	15.84	16.01	15.86	15.64	17.4
10		1	49	15.74	15.86	16.06	15.87	15.64	17.4
10		25	0	15.8	15.92	15.99	15.85	15.59	17.4
10		25	12	15.91	15.9	16.09	15.98	15.56	17.4
10		25	25	15.97	15.94	16.15	16.02	15.63	17.4
10		50	0	16.01	15.99	16.13	16.03	15.71	17.4
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.78	20.75	20.92	20.87	20.45	22.4
5		1	12	20.73	20.75	20.8	20.69	20.24	22.4
5		1	24	20.62	20.63	20.75	20.59	20.25	22.4
5		12	0	19.82	19.78	20.04	19.83	19.46	21.4
5		12	7	19.94	19.78	20.03	19.85	19.4	21.4
5		12	13	19.69	19.65	19.95	19.68	19.46	21.4
5		25	0	19.82	19.75	19.98	19.81	19.41	21.4
5	16QAM	1	0	20.16	20.05	20.31	20.11	19.71	21.4
5		1	12	19.94	19.99	20.2	20.15	19.64	21.4
5		1	24	20.28	20.21	20.45	20.22	19.88	21.4
5		12	0	18.87	18.86	19.12	18.92	18.5	20.4
5		12	7	18.81	18.83	19.01	18.85	18.52	20.4
5		12	13	18.78	18.77	18.96	18.86	18.5	20.4
5		25	0	18.77	18.88	19.07	19	18.57	20.4
5	64QAM	1	0	19.15	18.99	19.27	18.97	18.62	20.4
5		1	12	19.21	19.1	19.3	19.05	18.76	20.4
5		1	24	18.98	18.92	19.19	18.96	18.63	20.4
5		12	0	17.9	17.86	17.95	17.87	17.54	19.4
5		12	7	17.8	17.8	17.97	17.76	17.4	19.4
5		12	13	17.9	17.81	17.98	17.86	17.56	19.4
5		25	0	17.91	17.91	18.08	17.9	17.55	19.4
5	256QAM	1	0	15.9	15.82	15.99	15.85	15.54	17.4
5		1	12	15.86	15.87	16.09	15.87	15.6	17.4
5		1	24	15.85	15.82	15.97	15.86	15.63	17.4
5		12	0	15.82	15.84	16.06	15.85	15.64	17.4
5		12	7	15.82	16	16.1	16.01	15.61	17.4
5		12	13	15.94	16.05	16.08	16.02	15.55	17.4
5		25	0	16	15.93	16.13	16.02	15.78	17.4

<LTE Band 4_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.73	23.05	22.62	23.9
20		1	49	22.57	23.02	22.47	23.9
20		1	99	22.48	22.91	22.38	23.9
20		50	0	21.56	21.93	21.35	22.9
20		50	24	21.41	21.86	21.27	22.9
20		50	50	21.46	21.9	21.33	22.9
20		100	0	21.44	21.85	21.36	22.9
20	16QAM	1	0	21.62	22	21.49	22.9
20		1	49	21.73	22.13	21.62	22.9
20		1	99	21.6	22.09	21.61	22.9
20		50	0	20.53	21.01	20.53	21.9
20		50	24	20.51	20.91	20.38	21.9
20		50	50	20.55	20.96	20.48	21.9
20		100	0	20.53	20.91	20.34	21.9
20	64QAM	1	0	20.7	21.12	20.63	21.9
20		1	49	20.63	21.05	20.57	21.9
20		1	99	20.6	21.08	20.6	21.9
20		50	0	19.51	19.9	19.38	20.9
20		50	24	19.48	19.93	19.49	20.9
20		50	50	19.58	19.92	19.49	20.9
20		100	0	19.34	19.81	19.26	20.9
20	256QAM	1	0	17.52	17.83	17.42	18.9
20		1	49	17.58	18.01	17.57	18.9
20		1	99	17.55	17.91	17.42	18.9
20		50	0	17.6	17.97	17.48	18.9
20		50	24	17.54	17.86	17.37	18.9
20		50	50	17.61	17.91	17.52	18.9
20		100	0	17.42	17.83	17.33	18.9
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.71	23.04	22.49	23.9
15		1	37	22.43	22.95	22.36	23.9
15		1	74	22.38	22.85	22.26	23.9
15		36	0	21.47	21.79	21.27	22.9
15		36	20	21.27	21.72	21.25	22.9
15		36	39	21.42	21.82	21.31	22.9
15		75	0	21.32	21.81	21.22	22.9
15	16QAM	1	0	21.6	21.93	21.48	22.9
15		1	37	21.68	22.13	21.55	22.9
15		1	74	21.48	22.03	21.6	22.9
15		36	0	20.44	20.95	20.45	21.9
15		36	20	20.47	20.83	20.32	21.9
15		36	39	20.49	20.87	20.46	21.9
15		75	0	20.51	20.78	20.2	21.9
15	64QAM	1	0	20.57	21.11	20.53	21.9
15		1	37	20.52	21	20.52	21.9
15		1	74	20.45	21.04	20.45	21.9
15		36	0	19.39	19.87	19.38	20.9
15		36	20	19.35	19.83	19.38	20.9
15		36	39	19.45	19.84	19.35	20.9
15		75	0	19.29	19.7	19.15	20.9
15	256QAM	1	0	17.48	17.81	17.41	18.9
15		1	37	17.53	17.94	17.52	18.9
15		1	74	17.41	17.87	17.28	18.9
15		36	0	17.52	17.85	17.45	18.9
15		36	20	17.45	17.74	17.24	18.9
15		36	39	17.49	17.84	17.44	18.9
15		75	0	17.32	17.77	17.32	18.9
Channel				20000	20175	20350	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.62	23.02	22.49	23.9
10		1	25	22.42	22.98	22.39	23.9
10		1	49	22.43	22.78	22.32	23.9
10		25	0	21.44	21.88	21.27	22.9
10		25	12	21.27	21.83	21.16	22.9
10		25	25	21.48	21.84	21.26	22.9
10		50	0	21.29	21.8	21.34	22.9
10	16QAM	1	0	21.58	21.97	21.48	22.9
10		1	25	21.66	22.11	21.52	22.9
10		1	49	21.48	21.95	21.58	22.9
10		25	0	20.47	20.95	20.43	21.9
10		25	12	20.4	20.84	20.24	21.9
10		25	25	20.44	20.89	20.41	21.9
10		50	0	20.42	20.86	20.3	21.9
10	64QAM	1	0	20.65	21.06	20.56	21.9
10		1	25	20.53	21	20.53	21.9
10		1	49	20.47	21.07	20.53	21.9
10		25	0	19.48	19.88	19.3	20.9
10		25	12	19.44	19.82	19.47	20.9
10		25	25	19.55	19.8	19.35	20.9
10		50	0	19.28	19.66	19.15	20.9
10	256QAM	1	0	17.44	17.69	17.31	18.9
10		1	25	17.55	17.92	17.46	18.9
10		1	49	17.52	17.79	17.36	18.9
10		25	0	17.53	17.83	17.33	18.9
10		25	12	17.43	17.74	17.31	18.9
10		25	25	17.53	17.76	17.4	18.9
10		50	0	17.37	17.69	17.31	18.9
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.59	23	22.52	23.9
5		1	12	22.51	23.03	22.32	23.9
5		1	24	22.44	22.78	22.25	23.9
5		12	0	21.51	21.9	21.29	22.9
5		12	7	21.34	21.73	21.26	22.9
5		12	13	21.44	21.85	21.21	22.9
5		25	0	21.37	21.76	21.33	22.9
5	16QAM	1	0	21.6	21.95	21.38	22.9
5		1	12	21.67	22.13	21.59	22.9
5		1	24	21.47	22.01	21.57	22.9
5		12	0	20.45	21	20.47	21.9
5		12	7	20.46	20.79	20.36	21.9
5		12	13	20.48	20.88	20.45	21.9
5		25	0	20.48	20.79	20.26	21.9
5	64QAM	1	0	20.66	20.97	20.49	21.9
5		1	12	20.59	20.96	20.5	21.9
5		1	24	20.48	21.02	20.58	21.9
5		12	0	19.41	19.79	19.29	20.9
5		12	7	19.43	19.87	19.46	20.9
5		12	13	19.45	19.84	19.43	20.9
5		25	0	19.28	19.8	19.21	20.9
5	256QAM	1	0	17.46	17.74	17.4	18.9
5		1	12	17.48	17.83	17.51	18.9
5		1	24	17.47	17.83	17.34	18.9
5		12	0	17.45	17.92	17.36	18.9
5		12	7	17.46	17.79	17.25	18.9
5		12	13	17.58	17.88	17.42	18.9
5		25	0	17.28	17.8	17.28	18.9
Channel				19957	20175	20393	Tune-Up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.6	23.01	22.59	23.9
3		1	8	22.43	23	22.32	23.9
3		1	14	22.42	22.86	22.37	23.9
3		8	0	21.46	21.8	21.2	22.9
3		8	4	21.36	21.82	21.14	22.9
3		8	7	21.41	21.79	21.23	22.9
3		15	0	21.3	21.71	21.34	22.9
3	16QAM	1	0	21.54	21.96	21.36	22.9
3		1	8	21.62	22.13	21.58	22.9
3		1	14	21.58	21.96	21.52	22.9
3		8	0	20.46	20.98	20.49	21.9
3		8	4	20.42	20.81	20.33	21.9
3		8	7	20.42	20.87	20.46	21.9
3		15	0	20.41	20.8	20.36	21.9
3	64QAM	1	0	20.56	21.04	20.6	21.9
3		1	8	20.55	20.96	20.51	21.9
3		1	14	20.54	21.01	20.5	21.9
3		8	0	19.42	19.89	19.27	20.9
3		8	4	19.35	19.82	19.45	20.9
3		8	7	19.47	19.81	19.35	20.9
3		15	0	19.33	19.67	19.15	20.9
3	256QAM	1	0	17.46	17.81	17.37	18.9
3		1	8	17.51	17.88	17.47	18.9
3		1	14	17.41	17.78	17.37	18.9
3		8	0	17.49	17.96	17.43	18.9
3		8	4	17.41	17.82	17.26	18.9
3		8	7	17.58	17.76	17.42	18.9
3		15	0	17.3	17.77	17.29	18.9
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.67	23.07	22.49	23.9
1.4		1	3	22.52	22.92	22.4	23.9
1.4		3	0	22.42	22.79	22.37	23.9
1.4		3	2	22.45	22.86	22.32	23.9
1.4		3	1	22.28	22.83	22.18	23.9
1.4		3	3	22.38	22.76	22.24	23.9
1.4		6	0	21.38	21.76	21.23	22.9
1.4	16QAM	1	0	21.49	21.92	21.4	22.9
1.4		1	3	21.59	22.08	21.53	22.9
1.4		1	5	21.52	21.96	21.57	22.9
1.4		3	0	21.43	21.98	21.46	22.9
1.4		3	1	21.5	21.81	21.34	22.9
1.4		3	3	21.49	21.86	21.37	22.9
1.4		6	0	20.46	20.78	20.32	21.9
1.4	64QAM	1	0	20.58	21.11	20.55	21.9
1.4		1	3	20.5	20.95	20.51	21.9
1.4		1	5	20.48	20.96	20.58	21.9
1.4		3	0	20.45	20.78	20.37	21.9
1.4		3	1	20.45	20.82	20.43	21.9
1.4		3	3	20.43	20.9	20.45	21.9
1.4		6	0	19.22	19.72	19.21	20.9
1.4	256QAM	1	0	17.45	17.73	17.39	18.9
1.4		1	3	17.45	17.99	17.42	18.9
1.4		1	5	17.4	17.76	17.32	18.9
1.4		3	0	17.45	17.85	17.47	18.9
1.4		3	1	17.44	17.83	17.25	18.9
1.4		3	3	17.56	17.84	17.37	18.9
1.4		6	0	17.36	17.7	17.21	18.9

<LTE Band 7_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-Up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.45	23.21	23.18	24
20		1	49	22.24	23.08	22.93	24
20		1	99	22.19	22.98	22.82	24
20		50	0	21.41	22.17	22	23
20		50	24	21.26	22.07	21.97	23
20		50	50	21.17	22.01	21.94	23
20		100	0	21.28	22.1	21.97	23
20	16QAM	1	0	21.42	22.27	22.18	23
20		1	49	21.38	22.26	22.18	23
20		1	99	21.48	22.27	22.2	23
20		50	0	20.48	21.36	21.22	22
20		50	24	20.35	21.18	21.13	22
20		50	50	20.47	21.22	21.15	22
20		100	0	20.39	21.2	21.16	22
20	64QAM	1	0	20.49	21.2	21.09	22
20		1	49	20.57	21.37	21.27	22
20		1	99	20.41	21.25	21.17	22
20		50	0	19.43	20.14	20.02	21
20		50	24	19.46	20.19	20.14	21
20		50	50	19.32	20.07	19.92	21
20		100	0	19.35	20.16	20.09	21
20	256QAM	1	0	17.74	18.38	18.27	19
20		1	49	17.53	18.27	18.16	19
20		1	99	17.51	18.15	18.07	19
20		50	0	17.37	18.08	17.97	19
20		50	24	17.49	18.21	18.13	19
20		50	50	17.5	18.12	17.98	19
20		100	0	17.47	18.14	18.03	19
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.44	23.15	23.11	24
15		1	37	22.16	22.93	22.86	24
15		1	74	22.09	22.96	22.73	24
15		36	0	21.37	22.13	21.86	23
15		36	20	21.22	22	21.91	23
15		36	39	21.07	21.89	21.9	23
15		75	0	21.18	22.04	21.91	23
15	16QAM	1	0	21.35	22.15	22.14	23
15		1	37	21.35	22.15	22.16	23
15		1	74	21.43	22.17	22.19	23
15		36	0	20.38	21.18	21.19	22
15		36	20	20.27	21.07	21.01	22
15		36	39	20.39	21.16	21.11	22
15		75	0	20.3	21.07	21.06	22
15	64QAM	1	0	20.36	21.09	20.99	22
15		1	37	20.49	21.33	21.18	22
15		1	74	20.37	21.15	21.06	22
15		36	0	19.36	20.02	19.94	21
15		36	20	19.35	20.12	20.03	21
15		36	39	19.27	20.03	19.87	21
15		75	0	19.25	20.1	19.95	21
15	256QAM	1	0	17.61	18.3	18.21	19
15		1	37	17.38	18.26	18.13	19
15		1	74	17.4	18.01	18.02	19
15		36	0	17.32	18.03	17.94	19
15		36	20	17.35	18.18	18.07	19
15		36	39	17.41	18.05	17.89	19
15		75	0	17.37	18.06	18	19
Channel				20800	21100	21400	Tune-Up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.4	23.1	23.13	24
10		1	25	22.17	23.01	22.85	24
10		1	49	22.11	22.84	22.7	24
10		25	0	21.35	22.16	21.89	23
10		25	12	21.17	22.04	21.85	23
10		25	25	21.12	21.99	21.89	23
10		50	0	21.22	22	21.86	23
10	16QAM	1	0	21.31	22.25	22.16	23
10		1	25	21.34	22.15	22.15	23
10		1	49	21.42	22.15	22.12	23
10		25	0	20.4	21.21	21.15	22
10		25	12	20.21	21.06	21.11	22
10		25	25	20.45	21.16	21.11	22
10		50	0	20.37	21.15	21.08	22
10	64QAM	1	0	20.55	21.17	21.06	22
10		1	25	20.54	21.24	21.2	22
10		1	49	20.34	21.13	21.09	22
10		25	0	19.42	20.1	19.96	21
10		25	12	19.36	20.15	20.08	21
10		25	25	19.18	19.92	19.82	21
10		50	0	19.33	20.02	19.99	21
10	256QAM	1	0	17.73	18.27	18.19	19
10		1	25	17.42	18.19	18.1	19
10		1	49	17.46	18.14	17.96	19
10		25	0	17.29	17.96	17.94	19
10		25	12	17.37	18.18	18.06	19
10		25	25	17.44	18.04	17.94	19
10		50	0	17.34	18.01	17.92	19
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.32	23.2	23.12	24
5		1	12	22.21	22.98	22.83	24
5		1	24	22.11	22.9	22.78	24
5		12	0	21.35	22.02	21.91	23
5		12	7	21.25	22.02	21.9	23
5		12	13	21.68	21.91	21.88	23
5		25	0	21.17	21.99	21.82	23
5	16QAM	1	0	21.37	22.13	22.06	23
5		1	12	21.25	22.13	22.16	23
5		1	24	21.35	22.26	22.14	23
5		12	0	20.4	21.22	21.1	22
5		12	7	20.24	21.07	21.03	22
5		12	13	20.44	21.2	21.1	22
5		25	0	20.36	21.19	21.08	22
5	64QAM	1	0	20.4	21.08	20.98	22
5		1	12	20.46	21.25	21.13	22
5		1	24	20.29	21.11	21.08	22
5		12	0	19.37	20.13	19.98	21
5		12	7	19.43	20.04	20.07	21
5		12	13	19.25	19.95	19.77	21
5		25	0	19.28	20.01	19.95	21
5	256QAM	1	0	17.61	18.26	18.12	19
5		1	12	17.46	18.24	18.14	19
5		1	24	17.42	18.01	17.97	19
5		12	0	17.24	18.03	17.9	19
5		12	7	17.38	18.11	18.05	19
5		12	13	17.36	18.05	17.92	19
5		25	0	17.37	18.05	18.01	19

<LTE Band 66_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.92	23.06	22.91	23.9
20		1	49	22.78	22.95	22.7	23.9
20		1	99	22.82	23.05	22.77	23.9
20		50	0	21.86	22.07	21.79	22.9
20		50	24	21.78	22.05	21.76	22.9
20		50	50	21.78	22.04	21.85	22.9
20		100	0	21.76	22.01	21.79	22.9
20	16QAM	1	0	21.7	21.97	21.75	22.9
20		1	49	21.79	22.07	21.84	22.9
20		1	99	21.9	22.11	21.91	22.9
20		50	0	20.86	21.09	20.94	21.9
20		50	24	20.78	21.01	20.83	21.9
20		50	50	20.76	21.04	20.88	21.9
20		100	0	20.8	21.05	20.77	21.9
20	64QAM	1	0	20.71	20.98	20.73	21.9
20		1	49	20.8	21.05	20.81	21.9
20		1	99	20.8	21.11	20.9	21.9
20		50	0	19.78	20.05	19.86	20.9
20		50	24	19.93	20.07	19.89	20.9
20		50	50	19.72	19.99	19.74	20.9
20		100	0	19.74	20	19.75	20.9
20	256QAM	1	0	17.61	17.85	17.72	18.9
20		1	49	17.73	17.92	17.77	18.9
20		1	99	17.78	17.94	17.68	18.9
20		50	0	17.78	17.93	17.75	18.9
20		50	24	17.89	18.03	17.87	18.9
20		50	50	17.8	17.93	17.75	18.9
20		100	0	17.86	17.9	17.76	18.9
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.7	1745	1772.3	
15	QPSK	1	0	22.9	22.92	22.84	23.9
15		1	37	22.64	22.88	22.68	23.9
15		1	74	22.77	23	22.76	23.9
15		36	0	21.79	21.98	21.72	22.9
15		36	20	21.72	21.98	21.63	22.9
15		36	39	21.63	21.92	21.79	22.9
15		75	0	21.74	21.94	21.66	22.9
15	16QAM	1	0	21.64	21.89	21.7	22.9
15		1	37	21.71	21.97	21.74	22.9
15		1	74	21.8	21.96	21.85	22.9
15		36	0	20.75	21.02	20.9	21.9
15		36	20	20.67	20.9	20.76	21.9
15		36	39	20.66	20.93	20.8	21.9
15		75	0	20.71	21.03	20.73	21.9
15	64QAM	1	0	20.67	20.88	20.7	21.9
15		1	37	20.84	20.97	20.69	21.9
15		1	74	20.77	21.04	20.76	21.9
15		36	0	19.71	19.95	19.82	20.9
15		36	20	19.84	20.02	19.85	20.9
15		36	39	19.68	19.87	19.71	20.9
15		75	0	19.69	19.9	19.83	20.9
15	256QAM	1	0	17.53	17.77	17.7	18.9
15		1	37	17.69	17.9	17.64	18.9
15		1	74	17.76	17.9	17.65	18.9
15		36	0	17.69	17.82	17.7	18.9
15		36	20	17.86	18	17.75	18.9
15		36	39	17.75	17.86	17.7	18.9
15		75	0	17.63	17.86	17.68	18.9
Channel				132022	132322	132622	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.89	23	22.89	23.9
10		1	25	22.73	22.81	22.63	23.9
10		1	49	22.68	23	22.75	23.9
10		25	0	21.84	22.04	21.75	22.9
10		25	12	21.71	21.97	21.73	22.9
10		25	25	21.75	22.01	21.76	22.9
10		50	0	21.71	21.97	21.66	22.9
10	16QAM	1	0	21.56	21.82	21.71	22.9
10		1	25	21.66	21.94	21.77	22.9
10		1	49	21.82	22.07	21.88	22.9
10		25	0	20.78	21.04	20.86	21.9
10		25	12	20.72	20.94	20.82	21.9
10		25	25	20.67	20.98	20.75	21.9
10		50	0	20.77	20.96	20.67	21.9
10	64QAM	1	0	20.67	20.86	20.7	21.9
10		1	25	20.89	21.01	20.67	21.9
10		1	49	20.85	20.99	20.76	21.9
10		25	0	19.66	20	19.83	20.9
10		25	12	19.78	19.96	19.77	20.9
10		25	25	19.59	19.94	19.67	20.9
10		50	0	19.66	19.95	19.71	20.9
10	256QAM	1	0	17.54	17.82	17.8	18.9
10		1	25	17.71	17.79	17.7	18.9
10		1	49	17.74	17.92	17.54	18.9
10		25	0	17.72	17.78	17.68	18.9
10		25	12	17.86	17.95	17.78	18.9
10		25	25	17.75	17.86	17.74	18.9
10		50	0	17.62	17.78	17.68	18.9
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.82	22.99	22.79	23.9
5		1	12	22.66	22.94	22.65	23.9
5		1	24	22.75	22.98	22.67	23.9
5		12	0	21.72	21.94	21.64	22.9
5		12	7	21.65	21.92	21.67	22.9
5		12	13	21.69	21.93	21.75	22.9
5		25	0	21.71	21.92	21.7	22.9
5	16QAM	1	0	21.62	21.93	21.67	22.9
5		1	12	21.7	22.05	21.76	22.9
5		1

<LTE Band 38_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.12	23.3	23.25	24.2
20		1	49	22.97	23.25	23.18	24.2
20		1	99	22.9	23.13	23.02	24.2
20		50	0	21.98	22.17	21.99	23.2
20		50	24	21.94	22.16	22.02	23.2
20		50	50	21.81	22.11	22	23.2
20		100	0	21.89	22.12	21.95	23.2
20	16QAM	1	0	21.96	22.24	22.14	23.2
20		1	49	21.93	22.17	22.06	23.2
20		1	99	21.94	22.25	22.17	23.2
20		50	0	20.9	21.18	21.06	22.2
20		50	24	20.9	21.17	21.03	22.2
20		50	50	20.87	21.11	20.93	22.2
20		100	0	20.83	21.14	21.05	22.2
20	64QAM	1	0	20.96	21.24	21.06	22.2
20		1	49	21.03	21.3	21.2	22.2
20		1	99	20.93	21.12	21	22.2
20		50	0	19.99	20.22	20.03	21.2
20		50	24	19.99	20.19	20	21.2
20		50	50	19.92	20.11	20.04	21.2
20		100	0	19.99	20.18	20.02	21.2
20	256QAM	1	0	17.99	18.18	18.03	19.2
20		1	49	18.04	18.22	18.07	19.2
20		1	99	17.89	18.15	18.02	19.2
20		50	0	17.96	18.18	18.07	19.2
20		50	24	17.96	18.16	18.08	19.2
20		50	50	18.05	18.2	18.1	19.2
20		100	0	17.97	18.23	18.09	19.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.99	23.18	23.13	24.2
15		1	37	22.89	23.22	23.08	24.2
15		1	74	22.88	23.11	22.96	24.2
15		36	0	21.85	22.11	21.86	23.2
15		36	20	21.85	22.14	21.95	23.2
15		36	39	21.67	22.04	21.9	23.2
15		75	0	21.86	22.08	21.8	23.2
15	16QAM	1	0	21.86	22.17	22.12	23.2
15		1	37	21.8	22.11	21.99	23.2
15		1	74	21.93	22.12	22.04	23.2
15		36	0	20.88	21.07	20.96	22.2
15		36	20	20.87	21.06	20.89	22.2
15		36	39	20.8	20.97	20.84	22.2
15		75	0	20.78	21.13	21.02	22.2
15	64QAM	1	0	20.83	21.17	20.93	22.2
15		1	37	20.91	21.19	21.12	22.2
15		1	74	20.8	21.08	20.87	22.2
15		36	0	19.96	20.1	19.88	21.2
15		36	20	19.88	20.05	19.99	21.2
15		36	39	19.83	20.01	19.99	21.2
15		75	0	19.89	20.16	19.93	21.2
15	256QAM	1	0	17.92	18.07	17.95	19.2
15		1	37	17.96	18.2	18.01	19.2
15		1	74	17.82	18.1	17.9	19.2
15		36	0	17.94	18.17	18.03	19.2
15		36	20	17.83	18.1	17.99	19.2
15		36	39	17.98	18.05	18.06	19.2
15		75	0	17.92	18.18	17.97	19.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.08	23.2	23.2	24.2
10		1	25	22.83	23.12	23.08	24.2
10		1	49	22.86	23.06	23	24.2
10		25	0	21.96	22.11	21.92	23.2
10		25	12	21.85	22.04	21.95	23.2
10		25	25	21.68	22.05	21.86	23.2
10		50	0	21.83	22.04	21.81	23.2
10	16QAM	1	0	21.94	22.1	22.11	23.2
10		1	25	21.9	22.16	22.02	23.2
10		1	49	21.85	22.23	22.04	23.2
10		25	0	20.86	21.05	20.97	22.2
10		25	12	20.77	21.11	20.91	22.2
10		25	25	20.83	21.04	20.82	22.2
10		50	0	20.81	21.03	20.95	22.2
10	64QAM	1	0	20.88	21.12	21.03	22.2
10		1	25	20.95	21.21	21.19	22.2
10		1	49	20.87	21.04	20.95	22.2
10		25	0	19.96	20.07	20	21.2
10		25	12	19.94	20.08	19.96	21.2
10		25	25	19.88	20.07	19.99	21.2
10		50	0	19.89	20.14	19.9	21.2
10	256QAM	1	0	17.94	18.09	17.91	19.2
10		1	25	18.01	18.15	17.97	19.2
10		1	49	17.86	18.02	17.99	19.2
10		25	0	17.89	18.08	18.01	19.2
10		25	12	17.95	18.09	17.93	19.2
10		25	25	17.9	18.12	17.96	19.2
10		50	0	17.95	18.18	18.02	19.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.03	23.17	23.11	24.2
5		1	12	22.92	23.22	23.12	24.2
5		1	24	22.77	23.04	22.96	24.2
5		12	0	21.87	22.04	21.91	23.2
5		12	7	21.9	22.14	21.89	23.2
5		12	13	21.76	22.07	21.86	23.2
5		25	0	21.76	22.08	21.93	23.2
5	16QAM	1	0	21.92	22.17	22.12	23.2
5		1	12	21.92	22.04	21.93	23.2
5		1	24	21.87	22.22	22.13	23.2
5		12	0	20.85	21.08	20.96	22.2
5		12	7	20.8	21.05	20.92	22.2
5		12	13	20.86	21.08	20.85	22.2
5		25	0	20.82	21.12	21.01	22.2
5	64QAM	1	0	20.89	21.15	21.02	22.2
5		1	12	20.9	21.28	21.15	22.2
5		1	24	20.78	21.07	20.87	22.2
5		12	0	19.89	20.19	19.97	21.2
5		12	7	19.92	20.17	19.96	21.2
5		12	13	19.89	19.97	19.99	21.2
5		25	0	19.9	20.14	19.99	21.2
5	256QAM	1	0	17.86	18.05	17.91	19.2
5		1	12	17.98	18.17	18.05	19.2
5		1	24	17.88	18.12	17.96	19.2
5		12	0	17.84	18.15	18.05	19.2
5		12	7	17.85	18.01	18	19.2
5		12	13	17.96	18.17	18.03	19.2
5		25	0	17.92	18.09	18.06	19.2

<LTE Band 41_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.41	22.14	22.25	22.2	22.01	23.2
20		1	49	21.25	22.05	22.24	22.13	21.96	23.2
20		1	99	21.34	22.02	22.21	22.04	21.9	23.2
20		50	0	20.27	21.03	21.21	21.07	20.91	22.2
20		50	24	20.29	20.9	21.15	21.06	20.8	22.2
20		50	50	20.31	21.03	21.18	21.09	20.82	22.2
20		100	0	20.5	21.15	21.36	21.22	21.11	22.2
20	16QAM	1	0	20.56	21.32	21.48	21.34	21.22	22.2
20		1	49	20.66	21.33	21.58	21.41	21.2	22.2
20		1	99	20.81	21.56	21.75	21.57	21.5	22.2
20		50	0	19.46	20.17	20.29	20.2	19.98	21.2
20		50	24	19.53	20.25	20.43	20.32	20.1	21.2
20		50	50	19.57	20.26	20.43	20.23	20.17	21.2
20		100	0	19.46	20.13	20.36	20.27	20.01	21.2
20	64QAM	1	0	19.37	20.01	20.18	20.12	19.86	21.2
20		1	49	19.18	19.95	20.08	20	19.76	21.2
20		1	99	19.29	19.93	20.1	20.02	19.76	21.2
20		50	0	18.43	19.08	19.23	19.15	18.89	20.2
20		50	24	18.45	19.11	19.32	19.18	19.07	20.2
20		50	50	18.45	19.07	19.27	19.2	18.94	20.2
20		100	0	18.49	19.05	19.28	19.21	19.01	20.2
20	256QAM	1	0	16.27	16.9	17.06	16.89	16.8	18.2
20		1	49	16.47	17.06	17.21	17.12	16.9	18.2
20		1	99	16.46	17.02	17.18	17.05	16.92	18.2
20		50	0	16.54	17.14	17.24	17.14	17.03	18.2
20		50	24	16.64	17.12	17.34	17.29	17.03	18.2
20		50	50	16.53	17.16	17.3	17.19	16.97	18.2
20		100	0	16.55	17.09	17.32	17.26	17.03	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.3	22.1	22.18	22.18	21.91	23.2
15		1	37	21.16	21.97	22.13	22.03	21.93	23.2
15		1	74	21.25	21.91	22.18	21.98	21.89	23.2
15		36	0	20.17	20.96	21.08	20.94	20.86	22.2
15		36	20	20.25	20.83	21.13	21.01	20.76	22.2
15		36	39	20.23	21.01	21.12	20.99	20.77	22.2
15		75	0	20.38	21.05	21.35	21.16	21.09	22.2
15	16QAM	1	0	20.42	21.25	21.45	21.29	21.15	22.2
15		1	37	20.59	21.32	21.45	21.31	21.1	22.2
15		1	74	20.66	21.42	21.73	21.49	21.38	22.2
15		36	0	19.44	20.05	20.27	20.11	19.96	21.2
15		36	20	19.43	20.1	20.35	20.18	20.07	21.2
15		36	39	19.52	20.21	20.38	20.19	20.06	21.2
15		75	0	19.34	20.05	20.23	20.21	19.92	21.2
15	64QAM	1	0	19.29	19.91	20.16	20.1	19.77	21.2
15		1	37	19.15	19.87	19.97	19.99	19.64	21.2
15		1	74	19.16	19.78	20	19.91	19.62	21.2
15		36	0	18.3	19.04	19.2	19.12	18.82	20.2
15		36	20	18.36	19	19.28	19.13	18.95	20.2
15		36	39	18.39	18.95	19.14	19.17	18.83	20.2
15		75	0	18.45	18.95	19.24	19.13	18.93	20.2
15	256QAM	1	0	16.19	16.82	16.98	16.86	16.71	18.2
15		1	37	16.37	17.01	17.11	17.06	16.81	18.2
15		1	74	16.38	16.95	17.07	16.91	16.88	18.2
15		36	0	16.4	17.01	17.18	17.09	16.98	18.2
15		36	20	16.6	17.02	17.28	17.27	16.92	18.2
15		36	39	16.45	17.14	17.18	17.09	16.91	18.2
15		75	0	16.51	17.05	17.3	17.11	16.89	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.38	22.08	22.17	22.08	21.93	23.2
10		1	25	21.15	21.92	22.2	22.07	21.82	23.2
10		1	49	21.32	21.89	22.08	21.99	21.8	23.2
10		25	0	20.18	20.96	21.08	21.04	20.83	22.2
10		25	12	20.2	20.84	21.14	21.01	20.76	22.2
10		25	25	20.26	20.93	21.09	21.05	20.69	22.2
10		50	0	20.45	21.03	21.23	21.18	21.01	22.2
10	16QAM	1	0	20.49	21.2	21.46	21.31	21.2	22.2
10		1	25	20.6	21.3	21.52	21.27	21.16	22.2
10		1	49	20.7	21.45	21.62	21.46	21.41	22.2
10		25	0	19.37	20.07	20.21	20.11	19.86	21.2
10		25	12	19.39	20.15	20.39	20.29	19.98	21.2
10		25	25	19.43	20.16	20.36	20.2	20.13	21.2
10		50	0	19.43	20.01	20.28	20.2	19.89	21.2
10	64QAM	1	0	19.33	19.96	20.04	20.02	19.84	21.2
10		1	25	19.1	19.9	20.06	19.95	19.69	21.2
10		1	49	19.25	19.9	19.99	19.89	19.71	21.2
10		25	0	18.3	19.05	19.15	19.07	18.82	20.2
10		25	12	18.43	19.01	19.21	19.15	18.99	20.2
10		25	25	18.34	18.96	19.2	19.13	18.91	20.2
10		50	0	18.35	19.03	19.22	19.12	18.95	20.2
10	256QAM	1	0	16.23	16.77	16.97	16.75	16.79	18.2
10		1	25	16.46	16.94	17.06	17.02	16.82	18.2
10		1	49	16.31	16.97	17.11	16.95	16.79	18.2
10		25	0	16.48	17.03	17.13	17.04	16.89	18.2
10		25	12	16.6	17.1	17.3	17.16	17.01	18.2
10		25	25	16.43	17.04	17.16	17.11	16.9	18.2
10		50	0	16.47	16.95	17.28	17.12	16.91	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.34	22.06	22.21	22.06	21.9	23.2
5		1	12	21.13	21.96	22.23	22	21.9	23.2
5		1	24	21.26	21.95	22.15	21.89	21.83	23.2
5		12	0	20.24	20.94	21.12	21.04	20.86	22.2
5		12	7	20.15	20.78	21.03	20.94	20.72	22.2
5		12	13	20.28	20.93	21.13	21.04	20.7	22.2
5		25	0	20.43	21.1	21.34	21.19	20.96	22.2
5	16QAM	1	0	20.49	21.29	21.4	21.32	21.1	22.2
5		1	12	20.54	21.29	21.49	21.29	21.17	22.2
5		1	24	20.73	21.5	21.66	21.45	21.36	22.2
5		12	0	19.4	20.07	20.21	20.13	19.91	21.2
5		12	7	19.49	20.17	20.38	20.17	20.05	21.2
5		12	13	19.52	20.14	20.3	20.19	20.06	21.2
5		25	0	19.42	20.05	20.24	20.12	19.96	21.2
5	64QAM	1	0	19.33	19.94	20.11	20.09	19.79	21.2
5		1	12	19.11	19.91	19.95	19.96	19.63	21.2
5		1	24	19.26	19.86	20.06	19.95	19.65	21.2
5		12	0	18.33	19.01	19.16	19.07	18.75	20.2
5		12	7	18.37	19.08	19.23	19.05	18.98	20.2
5		12	13	18.38	19.03	19.24	19.09	18.9	20.2
5		25	0	18.35	18.98	19.22	19.19	18.91	20.2
5	256QAM	1	0	16.15	16.75	16.98	16.84	16.78	18.2
5		1	12	16.34	17.03	17.13	17.06	16.87	18.2
5		1	24	16.35	16.89	17.15	17.02	16.86	18.2
5		12	0	16.48	17.06	17.23	17.06	16.99	18.2
5		12	7	16.62	17.05	17.27	17.25	16.91	18.2
5		12	13	16.43	17.03	17.19	17.12	16.84	18.2
5		25	0	16.52	16.95	17.21	17.21	16.89	18.2

<LTE Band 42 (27Q)_Ant9_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.52	20.55	20.53	21.8
20		1	49	20.4	20.53	20.44	21.8
20		1	99	20.43	20.47	20.31	21.8
20		50	0	19.57	19.7	19.66	20.8
20		50	24	19.52	19.67	19.55	20.8
20		50	50	19.51	19.68	19.55	20.8
20		100	0	19.5	19.65	19.61	20.8
20	16QAM	1	0	19.7	19.87	19.79	20.8
20		1	49	19.87	19.96	19.83	20.8
20		1	99	19.65	19.78	19.74	20.8
20		50	0	18.5	18.67	18.56	19.8
20		50	24	18.57	18.7	18.64	19.8
20		50	50	18.62	18.68	18.53	19.8
20		100	0	18.63	18.67	18.59	19.8
20	64QAM	1	0	18.81	18.91	18.87	19.8
20		1	49	18.74	18.88	18.79	19.8
20		1	99	18.73	18.9	18.73	19.8
20		50	0	17.63	17.69	17.58	18.8
20		50	24	17.65	17.77	17.72	18.8
20		50	50	17.67	17.73	17.7	18.8
20		100	0	17.68	17.73	17.58	18.8
20	256QAM	1	0	15.66	15.75	15.65	16.8
20		1	49	15.6	15.71	15.55	16.8
20		1	99	15.71	15.85	15.81	16.8
20		50	0	15.71	15.8	15.76	16.8
20		50	24	15.58	15.73	15.63	16.8
20		50	50	15.59	15.72	15.64	16.8
20		100	0	15.62	15.75	15.67	16.8
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.39	20.53	20.44	21.8
15		1	37	20.26	20.44	20.42	21.8
15		1	74	20.29	20.45	20.17	21.8
15		36	0	19.44	19.69	19.55	20.8
15		36	20	19.41	19.64	19.43	20.8
15		36	39	19.41	19.59	19.43	20.8
15		75	0	19.38	19.57	19.51	20.8
15	16QAM	1	0	19.59	19.75	19.78	20.8
15		1	37	19.76	19.89	19.82	20.8
15		1	74	19.52	19.69	19.72	20.8
15		36	0	18.43	18.57	18.49	19.8
15		36	20	18.45	18.57	18.52	19.8
15		36	39	18.54	18.59	18.49	19.8
15		75	0	18.54	18.66	18.56	19.8
15	64QAM	1	0	18.67	18.84	18.81	19.8
15		1	37	18.62	18.82	18.77	19.8
15		1	74	18.64	18.76	18.64	19.8
15		36	0	17.51	17.65	17.44	18.8
15		36	20	17.54	17.66	17.59	18.8
15		36	39	17.6	17.69	17.62	18.8
15		75	0	17.58	17.7	17.51	18.8
15	256QAM	1	0	15.63	15.62	15.57	16.8
15		1	37	15.46	15.64	15.4	16.8
15		1	74	15.7	15.7	15.73	16.8
15		36	0	15.69	15.77	15.62	16.8
15		36	20	15.45	15.62	15.55	16.8
15		36	39	15.49	15.6	15.62	16.8
15		75	0	15.55	15.69	15.58	16.8
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.44	20.47	20.45	21.8
10		1	25	20.26	20.43	20.34	21.8
10		1	49	20.28	20.33	20.22	21.8
10		25	0	19.45	19.69	19.54	20.8
10		25	12	19.51	19.57	19.45	20.8
10		25	25	19.5	19.64	19.53	20.8
10		50	0	19.39	19.64	19.51	20.8
10	16QAM	1	0	19.63	19.84	19.69	20.8
10		1	25	19.82	19.94	19.73	20.8
10		1	49	19.56	19.69	19.69	20.8
10		25	0	18.45	18.62	18.46	19.8
10		25	12	18.43	18.59	18.55	19.8
10		25	25	18.6	18.59	18.42	19.8
10		50	0	18.61	18.63	18.45	19.8
10	64QAM	1	0	18.8	18.88	18.78	19.8
10		1	25	18.69	18.81	18.78	19.8
10		1	49	18.71	18.77	18.66	19.8
10		25	0	17.52	17.56	17.54	18.8
10		25	12	17.63	17.66	17.58	18.8
10		25	25	17.63	17.63	17.6	18.8
10		50	0	17.6	17.6	17.44	18.8
10	256QAM	1	0	15.64	15.71	15.53	16.8
10		1	25	15.56	15.66	15.52	16.8
10		1	49	15.69	15.84	15.75	16.8
10		25	0	15.68	15.66	15.7	16.8
10		25	12	15.52	15.68	15.61	16.8
10		25	25	15.55	15.67	15.51	16.8
10		50	0	15.5	15.65	15.63	16.8
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.44	20.48	20.39	21.8
5		1	12	20.38	20.5	20.3	21.8
5		1	24	20.41	20.34	20.18	21.8
5		12	0	19.47	19.6	19.58	20.8
5		12	7	19.38	19.58	19.44	20.8
5		12	13	19.37	19.57	19.52	20.8
5		25	0	19.39	19.53	19.55	20.8
5	16QAM	1	0	19.58	19.82	19.7	20.8
5		1	12	19.81	19.87	19.74	20.8
5		1	24	19.59	19.66	19.68	20.8
5		12	0	18.48	18.53	18.52	19.8
5		12	7	18.55	18.56	18.56	19.8
5		12	13	18.55	18.55	18.42	19.8
5		25	0	18.56	18.53	18.57	19.8
5	64QAM	1	0	18.67	18.86	18.84	19.8
5		1	12	18.63	18.82	18.67	19.8
5		1	24	18.64	18.79	18.66	19.8
5		12	0	17.53	17.55	17.47	18.8
5		12	7	17.64	17.64	17.71	18.8
5		12	13	17.53	17.62	17.67	18.8
5		25	0	17.59	17.6	17.49	18.8
5	256QAM	1	0	15.55	15.67	15.51	16.8
5		1	12	15.58	15.6	15.5	16.8
5		1	24	15.58	15.82	15.8	16.8
5		12	0	15.67	15.67	15.75	16.8
5		12	7	15.44	15.65	15.53	16.8
5		12	13	15.55	15.58	15.56	16.8
5		25	0	15.55	15.66	15.57	16.8

<LTE Band 48_Ant9_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.61	18.85	18.96	18.83	18.55	19.9
20		1	49	18.53	18.65	18.9	18.67	18.42	19.9
20		1	99	18.38	18.61	18.83	18.67	18.34	19.9
20		50	0	17.75	17.99	18.12	17.93	17.65	18.9
20		50	24	17.63	17.89	18.09	17.83	17.63	18.9
20		50	50	17.61	17.83	18.03	17.77	17.52	18.9
20		100	0	17.63	17.79	18.04	17.78	17.55	18.9
20	16QAM	1	0	17.96	18.15	18.36	18.11	17.91	18.9
20		1	49	17.96	18.21	18.41	18.18	17.88	18.9
20		1	99	17.94	18.21	18.35	18.1	17.91	18.9
20		50	0	16.76	16.94	17.11	16.9	16.62	17.9
20		50	24	16.79	16.96	17.14	16.96	16.73	17.9
20		50	50	16.63	16.87	17.06	16.87	16.57	17.9
20		100	0	16.69	16.93	17.04	16.89	16.59	17.9
20	64QAM	1	0	16.78	16.97	17.14	16.88	16.68	17.9
20		1	49	16.95	17.11	17.29	17.15	16.81	17.9
20		1	99	16.86	17.11	17.24	17.04	16.85	17.9
20		50	0	15.75	15.89	16.07	15.92	15.6	16.9
20		50	24	15.69	15.91	16.1	15.88	15.67	16.9
20		50	50	15.69	15.88	16.02	15.81	15.63	16.9
20		100	0	15.74	16.02	16.14	15.89	15.71	16.9
20	256QAM	1	0	13.78	14	14.1	13.93	13.66	14.9
20		1	49	13.76	13.96	14.09	13.88	13.7	14.9
20		1	99	13.78	13.99	14.11	13.88	13.74	14.9
20		50	0	13.77	14.05	14.17	13.98	13.79	14.9
20		50	24	13.82	14.06	14.15	13.95	13.7	14.9
20		50	50	13.85	13.97	14.17	14.01	13.85	14.9
20		100	0	13.79	14.08	14.18	13.96	13.83	14.9
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.56	18.82	18.81	18.73	18.49	19.9
15		1	37	18.42	18.62	18.81	18.59	18.4	19.9
15		1	74	18.36	18.47	18.82	18.55	18.3	19.9
15		36	0	17.65	17.91	18.01	17.88	17.6	18.9
15		36	20	17.56	17.82	18.03	17.71	17.56	18.9
15		36	39	17.48	17.8	17.92	17.63	17.45	18.9
15		75	0	17.5	17.75	17.93	17.64	17.49	18.9
15	16QAM	1	0	17.89	18.11	18.24	18	17.87	18.9
15		1	37	17.84	18.12	18.36	18.11	17.84	18.9
15		1	74	17.92	18.15	18.33	17.99	17.85	18.9
15		36	0	16.74	16.92	17.02	16.8	16.54	17.9
15		36	20	16.66	16.82	17.1	16.85	16.65	17.9
15		36	39	16.6	16.72	17	16.73	16.54	17.9
15		75	0	16.55	16.84	17.02	16.78	16.57	17.9
15	64QAM	1	0	16.69	16.83	16.99	16.79	16.59	17.9
15		1	37	16.92	17.05	17.24	17.1	16.73	17.9
15		1	74	16.74	17.04	17.21	16.97	16.76	17.9
15		36	0	15.62	15.81	16.03	15.77	15.5	16.9
15		36	20	15.55	15.83	16.05	15.82	15.52	16.9
15		36	39	15.6	15.82	15.95	15.67	15.49	16.9
15		75	0	15.7	15.89	16	15.75	15.64	16.9
15	256QAM	1	0	13.67	13.89	13.98	13.87	13.53	14.9
15		1	37	13.69	13.88	14	13.75	13.58	14.9
15		1	74	13.69	13.98	14.05	13.74	13.71	14.9
15		36	0	13.72	14.04	14.05	13.88	13.67	14.9
15		36	20	13.73	14	14.06	13.89	13.59	14.9
15		36	39	13.76	13.91	14.16	13.98	13.8	14.9
15		75	0	13.71	14.03	14.08	13.91	13.77	14.9
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.54	18.73	18.92	18.69	18.47	19.9
10		1	25	18.45	18.53	18.82	18.58	18.29	19.9
10		1	49	18.29	18.49	18.7	18.59	18.29	19.9
10		25	0	17.68	17.93	18.02	17.89	17.52	18.9
10		25	12	17.6	17.86	18.02	17.73	17.53	18.9
10		25	25	17.51	17.8	18	17.75	17.4	18.9
10		50	0	17.61	17.71	17.99	17.74	17.44	18.9
10	16QAM	1	0	17.87	18.06	18.25	18.09	17.9	18.9
10		1	25	17.84	18.16	18.37	18.03	17.8	18.9
10		1	49	17.91	18.09	18.21	17.95	17.87	18.9
10		25	0	16.63	16.81	17.04	16.8	16.51	17.9
10		25	12	16.67	16.86	17.1	16.92	16.59	17.9
10		25	25	16.55	16.85	16.97	16.83	16.49	17.9
10		50	0	16.61	16.8	16.98	16.83	16.52	17.9
10	64QAM	1	0	16.76	16.9	17.01	16.85	16.53	17.9
10		1	25	16.88	17.09	17.21	17.07	16.72	17.9
10		1	49	16.85	17.06	17.18	16.91	16.78	17.9
10		25	0	15.69	15.75	16.04	15.8	15.49	16.9
10		25	12	15.61	15.86	16.06	15.82	15.57	16.9
10		25	25	15.6	15.75	15.93	15.78	15.57	16.9
10		50	0	15.72	15.9	16.11	15.78	15.6	16.9
10	256QAM	1	0	13.67	13.88	14.08	13.91	13.64	14.9
10		1	25	13.62	13.83	13.95	13.86	13.61	14.9
10		1	49	13.75	13.98	14.01	13.78	13.63	14.9
10		25	0	13.74	13.93	14.05	13.87	13.68	14.9
10		25	12	13.8	14.04	14.07	13.81	13.56	14.9
10		25	25	13.71	13.94	14.08	13.91	13.78	14.9
10		50	0	13.72	14.03	14.17	13.83	13.8	14.9
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.49	18.74	18.92	18.74	18.53	19.9
5		1	12	18.45	18.51	18.75	18.64	18.31	19.9
5		1	24	18.3	18.56	18.69	18.6	18.26	19.9
5		12	0	17.65	17.94	18.09	17.87	17.51	18.9
5		12	7	17.55	17.77	17.97	17.77	17.5	18.9
5		12	13	17.59	17.78	17.97	17.67	17.44	18.9
5		25	0	17.55	17.73	17.91	17.76	17.43	18.9
5	16QAM	1	0	17.92	18.03	18.26	18.07	17.78	18.9
5		1	12	17.92	18.12	18.33	18.07	17.76	18.9
5		1	24	17.91	18.09	18.21	17.96	17.87	18.9
5		12	0	16.66	16.85	17.07	16.83	16.59	17.9
5		12	7	16.68	16.92	17.07	16.91	16.66	17.9
5		12	13	16.52	16.76	17.02	16.79	16.54	17.9
5		25	0	16.58	16.86	16.92	16.84	16.54	17.9
5	64QAM	1	0	16.7	16.95	17.1	16.86	16.66	17.9
5		1	12	16.85	16.98	17.18	17.07	16.7	17.9
5		1	24	16.75	17.04	17.09	16.94	16.8	17.9
5		12	0	15.69	15.85	15.93	15.81	15.57	16.9
5		12	7	15.67	15.83	15.96	15.81	15.62	16.9
5		12	13	15.58	15.83	15.88	15.78	15.49	16.9
5		25	0	15.6	15.93	16.08	15.83	15.61	16.9
5	256QAM	1	0	13.72	13.94	14.05	13.84	13.52	14.9
5		1	12	13.66	13.85	14.03	13.85	13.57	14.9
5		1	24	13.74	13.88	14.01	13.83	13.61	14.9
5		12	0	13.64	14.04	14.1	13.9	13.74	14.9
5		12	7	13.8	14.03	14.08	13.91	13.55	14.9
5		12	13	13.77	13.86	14.04	13.88	13.79	14.9
5		25	0	13.65	13.96	14.16	13.89	13.8	14.9

<LTE Band 5_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.55	25.12	24.66	25.7
10		1	25	24.53	25.04	24.66	25.7
10		1	49	24.58	24.81	24.52	25.7
10		25	0	23.59	23.94	23.56	24.7
10		25	12	23.36	23.92	23.34	24.7
10		25	25	23.35	23.86	23.5	24.7
10		50	0	23.44	23.71	23.41	24.7
10	16QAM	1	0	23.02	24.13	23.8	24.7
10		1	25	23.77	24.01	23.69	24.7
10		1	49	23.81	24.05	23.7	24.7
10		25	0	22.66	22.97	22.7	23.7
10		25	12	22.6	22.98	22.72	23.7
10		25	25	22.64	22.86	22.5	23.7
10		50	0	22.73	22.9	22.63	23.7
10	64QAM	1	0	24.02	24.23	23.95	24.7
10		1	25	23.99	24.24	23.91	24.7
10		1	49	23.75	24.06	23.89	24.7
10		25	0	22.64	22.87	22.62	23.7
10		25	12	22.48	22.7	22.35	23.7
10		25	25	22.64	22.83	22.46	23.7
10		50	0	22.45	22.75	22.37	23.7
10	256QAM	1	0	19.79	19.96	19.71	20.7
10		1	25	19.76	19.92	19.57	20.7
10		1	49	19.67	19.84	19.53	20.7
10		25	0	19.72	19.87	19.58	20.7
10		25	12	19.7	19.86	19.52	20.7
10		25	25	19.68	19.83	19.51	20.7
10		50	0	19.76	19.91	19.58	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.65	24.89	24.76	25.7
5		1	12	24.78	24.99	24.58	25.7
5		1	24	24.53	24.78	24.41	25.7
5		12	0	23.48	23.74	23.46	24.7
5		12	7	23.31	23.55	23.31	24.7
5		12	13	23.64	23.72	23.39	24.7
5		25	0	23.4	23.64	23.39	24.7
5	16QAM	1	0	23.81	24.12	23.77	24.7
5		1	12	23.74	23.98	23.58	24.7
5		1	24	23.68	23.93	23.61	24.7
5		12	0	22.6	22.95	22.61	23.7
5		12	7	22.71	22.91	22.58	23.7
5		12	13	22.59	22.86	22.36	23.7
5		25	0	22.66	22.75	22.55	23.7
5	64QAM	1	0	23.95	24.15	23.87	24.7
5		1	12	23.85	24.15	23.76	24.7
5		1	24	23.61	24.04	23.61	24.7
5		12	0	22.55	22.79	22.6	23.7
5		12	7	22.41	22.69	22.3	23.7
5		12	13	22.54	22.71	22.45	23.7
5		25	0	22.37	22.73	22.31	23.7
5	256QAM	1	0	19.73	19.92	19.58	20.7
5		1	12	19.7	19.83	19.46	20.7
5		1	24	19.52	19.73	19.5	20.7
5		12	0	19.67	19.77	19.55	20.7
5		12	7	19.68	19.72	19.45	20.7
5		12	13	19.55	19.79	19.43	20.7
5		25	0	19.69	19.84	19.46	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.91	25.08	24.75	25.7
3		1	8	24.79	24.93	24.52	25.7
3		1	14	24.56	24.72	24.42	25.7
3		8	0	23.45	23.74	23.46	24.7
3		8	4	23.31	23.52	23.31	24.7
3		8	7	23.53	23.75	23.4	24.7
3		15	0	23.32	23.59	23.38	24.7
3	16QAM	1	0	23.78	24.07	23.72	24.7
3		1	8	23.63	23.92	23.57	24.7
3		1	14	23.67	23.94	23.57	24.7
3		8	0	22.57	22.84	22.6	23.7
3		8	4	22.73	22.85	22.59	23.7
3		8	7	22.52	22.83	22.36	23.7
3		15	0	22.66	22.76	22.53	23.7
3	64QAM	1	0	24	24.12	23.94	24.7
3		1	8	23.87	24.19	23.78	24.7
3		1	14	23.73	23.96	23.66	24.7
3		8	0	22.52	22.76	22.58	23.7
3		8	4	22.38	22.55	22.33	23.7
3		8	7	22.62	22.79	22.31	23.7
3		15	0	22.44	22.62	22.33	23.7
3	256QAM	1	0	19.71	19.86	19.58	20.7
3		1	8	19.7	19.87	19.45	20.7
3		1	14	19.61	19.78	19.49	20.7
3		8	0	19.58	19.84	19.55	20.7
3		8	4	19.66	19.81	19.41	20.7
3		8	7	19.63	19.77	19.39	20.7
3		15	0	19.63	19.82	19.57	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.62	25.02	24.76	25.7
1.4		1	3	24.7	24.92	24.52	25.7
1.4		1	5	24.46	24.74	24.45	25.7
1.4		3	0	24.47	24.71	24.41	25.7
1.4		3	1	24.31	24.54	24.32	25.7
1.4		3	3	24.61	24.8	24.44	25.7
1.4		6	0	23.38	23.69	23.32	24.7
1.4	16QAM	1	0	23.85	24.01	23.77	24.7
1.4		1	3	23.72	23.99	23.67	24.7
1.4		1	5	23.75	24.02	23.58	24.7
1.4		3	0	23.61	23.89	23.65	24.7
1.4		3	1	23.66	23.94	23.67	24.7
1.4		3	3	23.52	23.73	23.36	24.7
1.4		6	0	22.64	22.8	22.56	23.7
1.4	64QAM	1	0	22.91	23.17	22.94	23.7
1.4		1	3	22.85	23.19	22.86	23.7
1.4		1	5	22.61	22.91	22.64	23.7
1.4		3	0	22.49	22.85	22.49	23.7
1.4		3	1	22.37	22.58	22.33	23.7
1.4		3	3	22.54	22.76	22.32	23.7
1.4		6	0	21.38	21.73	21.35	22.7
1.4	256QAM	1	0	19.76	19.89	19.66	20.7
1.4		1	3	19.66	19.82	19.44	20.7
1.4		1	5	19.55	19.72	19.45	20.7
1.4		3	0	19.69	19.85	19.58	20.7
1.4		3	1	19.6	19.84	19.4	20.7
1.4		3	3	19.62	19.76	19.37	20.7
1.4		6	0	19.62	19.87	19.51	20.7

<LTE Band 12_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				709	707.5	711	
10	QPSK	1	0	24.65	24.63	24.69	25.7
10		1	25	24.56	24.75	24.61	25.7
10		1	49	24.6	24.79	24.67	25.7
10		25	0	23.7	23.65	23.73	24.7
10		25	12	23.69	23.91	23.65	24.7
10		25	25	23.63	23.83	23.76	24.7
10		50	0	23.66	23.65	23.74	24.7
10	16QAM	1	0	23.79	23.98	23.85	24.7
10		1	25	23.97	24.1	23.92	24.7
10		1	49	23.88	24.06	23.96	24.7
10		25	0	22.75	22.91	22.83	23.7
10		25	12	22.71	22.91	22.84	23.7
10		25	25	22.67	22.83	22.69	23.7
10		50	0	22.79	22.88	22.72	23.7
10	64QAM	1	0	22.9	23	22.82	23.7
10		1	25	23.01	23.1	22.88	23.7
10		1	49	22.88	23.04	22.88	23.7
10		25	0	21.72	21.86	21.8	22.7
10		25	12	21.68	21.82	21.71	22.7
10		25	25	21.74	21.93	21.8	22.7
10		50	0	21.64	21.84	21.66	22.7
10	256QAM	1	0	19.47	19.68	19.61	20.7
10		1	25	19.66	19.75	19.67	20.7
10		1	49	19.61	19.68	19.53	20.7
10		25	0	19.7	19.61	19.64	20.7
10		25	12	19.7	19.86	19.79	20.7
10		25	25	19.55	19.66	19.51	20.7
10		50	0	19.61	19.71	19.53	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	710.5	
5	QPSK	1	0	24.71	24.91	24.8	25.7
5		1	12	24.41	24.73	24.56	25.7
5		1	24	24.51	24.72	24.54	25.7
5		12	0	23.66	23.77	23.65	24.7
5		12	7	23.56	23.72	23.7	24.7
5		12	13	23.58	23.75	23.69	24.7
5		25	0	23.57	23.64	23.73	24.7
5	16QAM	1	0	23.67	23.87	23.74	24.7
5		1	12	23.67	24.01	23.62	24.7
5		1	24	23.65	24	23.63	24.7
5		12	0	22.65	22.78	22.8	23.7
5		12	7	22.59	22.89	22.8	23.7
5		12	13	22.53	22.75	22.58	23.7
5		25	0	22.7	22.83	22.61	23.7
5	64QAM	1	0	22.77	22.94	22.71	23.7
5		1	12	22.93	22.98	22.88	23.7
5		1	24	22.75	22.94	22.8	23.7
5		12	0	21.6	21.77	21.73	22.7
5		12	7	21.63	21.77	21.61	22.7
5		12	13	21.61	21.79	21.74	22.7
5		25	0	21.62	21.82	21.65	22.7
5	256QAM	1	0	19.42	19.62	19.67	20.7
5		1	12	19.63	19.72	19.59	20.7
5		1	24	19.58	19.54	19.4	20.7
5		12	0	19.63	19.71	19.61	20.7
5		12	7	19.67	19.73	19.67	20.7
5		12	13	19.42	19.59	19.42	20.7
5		25	0	19.44	19.57	19.5	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				706.5	707.5	714.5	
3	QPSK	1	0	24.75	24.63	24.77	25.7
3		1	8	24.47	24.73	24.52	25.7
3		1	14	24.5	24.69	24.53	25.7
3		8	0	23.65	23.63	23.62	24.7
3		8	4	23.57	23.64	23.67	24.7
3		8	7	23.48	23.68	23.71	24.7
3		15	0	23.56	23.79	23.66	24.7
3	16QAM	1	0	23.7	23.94	23.73	24.7
3		1	8	23.53	23.99	23.66	24.7
3		1	14	23.66	23.93	23.91	24.7
3		8	0	22.61	22.78	22.76	23.7
3		8	4	22.64	22.82	22.79	23.7
3		8	7	22.65	22.69	22.55	23.7
3		15	0	22.74	22.75	22.68	23.7
3	64QAM	1	0	22.85	22.96	22.77	23.7
3		1	8	22.96	23.02	22.96	23.7
3		1	14	22.8	22.95	22.78	23.7
3		8	0	21.73	21.75	21.76	22.7
3		8	4	21.6	21.71	21.59	22.7
3		8	7	21.65	21.86	21.68	22.7
3		15	0	21.63	21.73	21.61	22.7
3	256QAM	1	0	19.37	19.56	19.58	20.7
3		1	8	19.58	19.67	19.53	20.7
3		1	14	19.57	19.64	19.47	20.7
3		8	0	19.63	19.66	19.58	20.7
3		8	4	19.67	19.72	19.7	20.7
3		8	7	19.44	19.52	19.41	20.7
3		15	0	19.49	19.66	19.47	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				705.7	707.5	715.3	
1.4	QPSK	1	0	24.81	24.65	24.8	25.7
1.4		1	3	24.5	24.67	24.57	25.7
1.4		1	5	24.52	24.69	24.61	25.7
1.4		3	0	24.61	24.82	24.58	25.7
1.4		3	1	24.63	24.67	24.59	25.7
1.4		3	3	24.48	24.74	24.63	25.7
1.4		6	0	23.63	23.84	23.66	24.7
1.4	16QAM	1	0	23.66	23.87	23.81	24.7
1.4		1	3	23.67	24.02	23.79	24.7
1.4		1	5	23.76	24.03	23.84	24.7
1.4		3	0	23.64	23.88	23.79	24.7
1.4		3	1	23.65	23.86	23.7	24.7
1.4		3	3	23.59	23.77	23.58	24.7
1.4		6	0	22.75	22.79	22.7	23.7
1.4	64QAM	1	0	22.83	22.97	22.66	23.7
1.4		1	3	22.89	23.02	22.89	23.7
1.4		1	5	22.77	23.02	22.78	23.7
1.4		3	0	22.66	22.82	22.73	23.7
1.4		3	1	22.64	22.76	22.57	23.7
1.4		3	3	22.65	22.79	22.76	23.7
1.4		6	0	21.58	21.71	21.58	22.7
1.4	256QAM	1	0	19.72	19.62	19.59	20.7
1.4		1	3	19.63	19.72	19.58	20.7
1.4		1	5	19.47	19.55	19.46	20.7
1.4		3	0	19.59	19.7	19.62	20.7
1.4		3	1	19.69	19.76	19.78	20.7
1.4		3	3	19.49	19.6	19.43	20.7
1.4		6	0	19.42	19.58	19.44	20.7

<LTE Band 13_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.7
10		1	25		24.96		25.7
10		1	49		24.98		25.7
10		25	0		24.12		24.7
10		25	12		24.1		24.7
10		25	25		23.98		24.7
10		50	0		23.98		24.7
10	16QAM	1	0		23.99		24.7
10		1	25		24.04		24.7
10		1	49		24.13		24.7
10		25	0		23.01		23.7
10		25	12		23.06		23.7
10		25	25		23.06		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.05		23.7
10		1	25		23.06		23.7
10		1	49		23.09		23.7
10		25	0		21.98		22.7
10		25	12		22.17		22.7
10		25	25		22.01		22.7
10		50	0		22.08		22.7
10	256QAM	1	0		19.95		20.7
10		1	25		19.93		20.7
10		1	49		19.95		20.7
10		25	0		20.04		20.7
10		25	12		20.14		20.7
10		25	25		20.16		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0		24.87	24.88	24.81	25.7
5		1	12		24.68	24.82	24.72	25.7
5		1	24		24.74	24.9	24.81	25.7
5		12	0		23.69	23.77	23.56	24.7
5		12	7		23.66	24.02	23.84	24.7
5		12	13		23.77	23.91	23.78	24.7
5		25	0		23.72	23.76	23.52	24.7
5	16QAM	1	0		23.65	23.87	23.68	24.7
5		1	12		23.68	23.92	23.78	24.7
5		1	24		23.67	24.09	23.98	24.7
5		12	0		22.78	22.88	22.77	23.7
5		12	7		23.02	23.06	22.93	23.7
5		12	13		23.07	22.99	22.9	23.7
5		25	0		22.77	22.88	22.7	23.7
5	64QAM	1	0		22.71	22.82	22.75	23.7
5		1	12		22.82	22.89	22.77	23.7
5		1	24		23.01	23.03	22.91	23.7
5		12	0		21.81	21.82	21.75	22.7
5		12	7		21.91	22.06	21.96	22.7
5		12	13		21.8	21.94	21.84	22.7
5		25	0		21.91	22.03	21.91	22.7
5	256QAM	1	0		19.79	19.88	19.77	20.7
5		1	12		19.79	19.85	19.77	20.7
5		1	24		19.81	19.75	19.88	20.7
5		12	0		19.76	19.89	19.8	20.7
5		12	7		19.99	20.02	19.89	20.7
5		12	13		19.84	19.97	19.85	20.7
5		25	0		20.06	20.09	19.95	20.7

<LTE Band 17_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				706	710	711	
10	QPSK	1	0	24.78	24.56	24.66	25.7
10		1	25	24.55	24.37	24.64	25.7
10		1	49	24.57	24.8	24.58	25.7
10		25	0	23.57	23.66	23.68	24.7
10		25	12	23.67	23.52	23.75	24.7
10		25	25	23.64	23.89	23.76	24.7
10		50	0	23.68	23.9	23.7	24.7
10	16QAM	1	0	23.68	24.13	24.02	24.7
10		1	25	23.79	24.04	23.9	24.7
10		1	49	24.08	24.31	24.11	24.7
10		25	0	22.72	23	22.78	23.7
10		25	12	22.64	22.95	22.72	23.7
10		25	25	22.75	23	22.83	23.7
10		50	0	22.68	22.95	22.83	23.7
10	64QAM	1	0	22.7	23.02	22.87	23.7
10		1	25	22.8	23.01	22.91	23.7
10		1	49	22.8	23.1	22.93	23.7
10		25	0	21.8	21.92	21.81	22.7
10		25	12	21.67	21.87	21.77	22.7
10		25	25	21.77	21.99	21.75	22.7
10		50	0	21.66	21.88	21.77	22.7
10	256QAM	1	0	19.7	19.91	19.82	20.7
10		1	25	19.64	19.85	19.73	20.7
10		1	49	19.47	19.75	19.8	20.7
10		25	0	19.61	19.89	19.7	20.7
10		25	12	19.77	20.02	19.93	20.7
10		25	25	19.7	19.97	19.88	20.7
10		50	0	19.67	20.08	19.86	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.64	24.9	24.72	25.7
5		1	12	24.52	24.74	24.54	25.7
5		1	24	24.49	24.67	24.45	25.7
5		12	0	23.52	23.79	23.67	24.7
5		12	7	23.62	23.82	23.6	24.7
5		12	13	23.52	23.68	23.7	24.7
5		25	0	23.56	23.81	23.58	24.7
5	16QAM	1	0	23.64	23.98	23.66	24.7
5		1	12	23.62	23.95	23.68	24.7
5		1	24	24.04	24.17	24.09	24.7
5		12	0	22.68	22.96	22.71	23.7
5		12	7	22.58	22.93	22.61	23.7
5		12	13	22.69	22.96	22.79	23.7
5		25	0	22.65	22.87	22.73	23.7
5	64QAM	1	0	22.57	22.88	22.84	23.7
5		1	12	22.73	22.96	22.87	23.7
5		1	24	22.72	23.02	22.85	23.7
5		12	0	21.45	21.69	21.77	22.7
5		12	7	21.62	21.82	21.63	22.7
5		12	13	21.71	21.95	21.64	22.7
5		25	0	21.51	21.81	21.62	22.7
5	256QAM	1	0	19.65	19.86	19.76	20.7
5		1	12	19.61	19.71	19.63	20.7
5		1	24	19.4	19.68	19.58	20.7
5		12	0	19.47	19.67	19.58	20.7
5		12	7	19.73	19.98	19.92	20.7
5		12	13	19.68	19.94	19.74	20.7
5		25	0	19.76	19.99	19.91	20.7

<LTE Band 26_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.66	24.55	24.45	25.7
15		1	37	24.78	24.69	24.67	25.7
15		1	74	24.67	24.64	24.78	25.7
15		36	0	24.04	24.14	24.02	24.7
15		36	20	23.81	23.95	23.83	24.7
15		36	39	23.91	24.01	23.86	24.7
15		75	0	23.94	24.11	23.97	24.7
15	16QAM	1	0	23.66	24.01	23.84	24.7
15		1	37	24.03	24.13	24.01	24.7
15		1	74	23.97	24.16	23.95	24.7
15		36	0	22.89	23.05	22.86	23.7
15		36	20	22.96	23.03	22.89	23.7
15		36	39	23.00	23.06	22.97	23.7
15		75	0	22.83	22.94	22.79	23.7
15	64QAM	1	0	22.93	23.07	22.88	23.7
15		1	37	22.77	22.96	22.83	23.7
15		1	74	22.89	22.98	22.79	23.7
15		36	0	21.83	21.98	21.77	22.7
15		36	20	21.82	21.9	21.87	22.7
15		36	39	21.82	21.96	21.76	22.7
15		75	0	21.88	22.07	21.93	22.7
15	256QAM	1	0	19.65	20	19.91	20.7
15		1	37	19.99	20.09	19.95	20.7
15		1	74	19.92	20.07	19.93	20.7
15		36	0	20.01	20.09	19.92	20.7
15		36	20	19.87	20.03	19.88	20.7
15		36	39	20.06	20.17	20.09	20.7
15		75	0	19.98	20.13	19.97	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.78	24.85	24.76	25.7
10		1	25	24.69	24.75	24.58	25.7
10		1	49	24.75	24.92	24.75	25.7
10		25	0	23.98	24.03	23.94	24.7
10		25	12	23.77	23.89	23.81	24.7
10		25	25	23.77	23.99	23.73	24.7
10		50	0	23.89	23.98	23.77	24.7
10	16QAM	1	0	23.74	23.96	23.74	24.7
10		1	25	23.9	24.04	23.89	24.7
10		1	49	23.91	24.03	23.91	24.7
10		25	0	22.84	22.96	22.79	23.7
10		25	12	22.92	22.96	22.78	23.7
10		25	25	22.74	23.03	22.81	23.7
10		50	0	22.7	22.9	22.69	23.7
10	64QAM	1	0	22.84	23.03	22.77	23.7
10		1	25	22.67	22.84	22.77	23.7
10		1	49	22.86	22.9	22.75	23.7
10		25	0	21.82	21.97	21.65	22.7
10		25	12	21.72	21.86	21.68	22.7
10		25	25	21.73	21.87	21.72	22.7
10		50	0	21.87	22.01	21.91	22.7
10	256QAM	1	0	19.78	19.88	19.73	20.7
10		1	25	19.84	19.99	19.8	20.7
10		1	49	19.86	19.97	19.84	20.7
10		25	0	19.92	19.96	19.85	20.7
10		25	12	19.72	19.9	19.82	20.7
10		25	25	19.93	20.06	20.04	20.7
10		50	0	19.84	20.09	19.92	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
8	QPSK	1	0	24.75	24.82	24.77	25.7
8		1	12	24.75	24.83	24.59	25.7
8		1	24	24.73	24.87	24.77	25.7
8		12	0	23.69	24.09	23.9	24.7
8		12	7	23.69	23.8	23.76	24.7
8		12	13	23.81	23.97	23.75	24.7
8		25	0	23.65	24.08	23.83	24.7
8	16QAM	1	0	23.78	23.87	23.69	24.7
8		1	12	23.92	24.03	23.94	24.7
8		1	24	23.66	24.12	23.93	24.7
8		12	0	22.65	22.94	22.79	23.7
8		12	7	22.93	22.91	22.96	23.7
8		12	13	22.75	23	22.84	23.7
8		25	0	22.71	22.88	22.67	23.7
8	64QAM	1	0	22.89	23.03	22.76	23.7
8		1	12	22.74	22.92	22.89	23.7
8		1	24	22.86	22.95	22.65	23.7
8		12	0	21.61	21.9	21.7	22.7
8		12	7	21.68	21.79	21.58	22.7
8		12	13	21.71	21.91	21.65	22.7
8		25	0	21.79	21.95	21.94	22.7
8	256QAM	1	0	19.78	19.88	19.76	20.7
8		1	12	19.84	19.97	19.82	20.7
8		1	24	19.66	20.04	19.94	20.7
8		12	0	19.9	19.89	19.88	20.7
8		12	7	19.77	19.96	19.81	20.7
8		12	13	19.56	20.13	20.01	20.7
8		25	0	19.65	20.09	19.92	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.74	24.88	24.76	25.7
3		1	8	24.7	24.82	24.53	25.7
3		1	14	24.75	24.88	24.66	25.7
3		8	0	23.67	24.12	23.89	24.7
3		8	4	23.7	23.83	23.76	24.7
3		8	7	23.62	23.91	23.75	24.7
3		15	0	23.61	24.1	23.82	24.7
3	16QAM	1	0	23.75	23.88	23.73	24.7
3		1	8	23.9	24.12	23.87	24.7
3		1	14	23.84	24.11	23.83	24.7
3		8	0	22.8	22.93	22.72	23.7
3		8	4	23.63	22.93	22.76	23.7
3		8	7	22.75	23.03	22.89	23.7
3		15	0	22.76	22.9	22.76	23.7
3	64QAM	1	0	23.63	23.06	22.77	23.7
3		1	8	22.65	22.92	22.7	23.7
3		1	14	22.76	22.91	22.65	23.7
3		8	0	21.6	21.91	21.66	22.7
3		8	4	21.79	21.84	21.67	22.7
3		8	7	21.78	21.9	21.62	22.7
3		15	0	21.66	21.95	21.85	22.7
3	256QAM	1	0	19.62	19.88	19.75	20.7
3		1	8	19.67	20.07	19.9	20.7
3		1	14	19.78	19.96	19.86	20.7
3		8	0	20	20.03	19.93	20.7
3		8	4	19.72	19.92	19.8	20.7
3		8	7	20.01	20.04	19.96	20.7
3		15	0	19.88	20.11	19.91	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.79	24.88	24.76	25.7
1.4		1	3	24.75	24.75	24.61	25.7
1.4		1	5	24.75	24.82	24.7	25.7
1.4		3	0	24.95	25	24.89	25.7
1.4		3	1	24.77	24.91	24.69	25.7
1.4		3	3	24.83	24.94	24.76	25.7
1.4		6	0	23.89	24.05	23.9	24.7
1.4	16QAM	1	0	23.79	23.94	23.75	24.7
1.4		1	3	23.98	24.09	23.87	24.7
1.4		1	5	23.83	24.1	23.87	24.7
1.4		3	0	23.75	23.92	23.74	24.7
1.4		3	1	23.92	24	23.79	24.7
1.4		3	3	23.84	24.05	23.75	24.7
1.4		6	0	22.74	22.88	22.71	23.7
1.4	64QAM	1	0	22.89	22.92	22.76	23.7
1.4		1	3	22.68	22.94	22.69	23.7
1.4		1	5	22.87	22.85	22.71	23.7
1.4		3	0	22.74	22.89	22.71	23.7
1.4		3	1	22.78	22.87	22.54	23.7
1.4		3	3	22.87	22.84	22.65	23.7
1.4		6	0	21.78	22.03	21.78	22.7
1.4	256QAM	1	0	19.78	19.95	19.69	20.7
1.4		1	3	19.87	19.93	19.89	20.7
1.4		1	5	19.82	20.03	19.91	20.7
1.4		3	0	19.95	20.01	19.77	20.7
1.4		3	1	19.79	19.94	19.85	20.7
1.4		3	3	19.97	20.05	20.01	20.7
1.4		6	0	19.91	20.03	19.85	20.7

<LTE Band 71_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133022	133297	133572	
Frequency (MHz)				673	698.5	698	
20	QPSK	1	0	24.73	25.07	24.93	25.7
20		1	49	24.53	24.97	24.76	25.7
20		1	99	24.3	24.73	24.43	25.7
20		50	0	23.75	24.1	23.94	24.7
20		50	24	23.6	23.96	23.77	24.7
20		50	50	23.59	23.95	23.72	24.7
20		100	0	23.62	24.02	23.78	24.7
20	16QAM	1	0	23.62	24.21	23.95	24.7
20		1	49	23.74	24.15	23.9	24.7
20		1	99	23.71	24.16	23.91	24.7
20		50	0	22.75	23.08	22.83	23.7
20		50	24	22.68	23.03	22.75	23.7
20		50	50	22.61	23.01	22.82	23.7
20	64QAM	100	0	22.69	23.09	22.91	23.7
20		1	0	22.97	23.35	23.16	23.7
20		1	49	22.74	23.13	22.87	23.7
20		1	99	22.62	22.95	22.79	23.7
20		50	0	21.68	22.04	21.8	22.7
20		50	24	21.77	22.12	21.96	22.7
20		50	50	21.6	21.92	21.78	22.7
20		100	0	21.64	22.05	21.81	22.7
20	256QAM	1	0	19.66	20.05	19.88	20.7
20		1	49	19.67	20	19.84	20.7
20		1	99	19.63	19.96	19.8	20.7
20		50	0	19.67	19.96	19.77	20.7
20		50	24	19.75	20.14	19.93	20.7
20		50	50	19.76	20.12	19.96	20.7
20		100	0	19.84	20.01	19.86	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				675.5	698.5	698.5	
15	QPSK	1	0	24.67	24.96	24.9	25.7
15		1	37	24.41	24.92	24.7	25.7
15		1	74	24.32	24.71	24.33	25.7
15		36	0	23.64	24	23.81	24.7
15		36	20	23.51	23.87	23.72	24.7
15		36	39	23.45	23.89	23.61	24.7
15		75	0	23.39	23.91	23.71	24.7
15	16QAM	1	0	23.77	24.2	23.87	24.7
15		1	37	23.62	24.01	23.77	24.7
15		1	74	23.62	24.04	23.82	24.7
15		36	0	22.67	23.02	22.79	23.7
15		36	20	22.59	22.94	22.82	23.7
15		36	39	22.47	22.86	22.54	23.7
15		75	0	22.62	23.02	22.88	23.7
15	64QAM	1	0	22.56	23.31	23.05	23.7
15		1	37	22.66	23.07	22.8	23.7
15		1	74	22.48	22.87	22.74	23.7
15		36	0	21.64	21.91	21.68	22.7
15		36	20	21.75	22.08	21.94	22.7
15		36	39	21.64	21.9	21.72	22.7
15		75	0	21.6	21.94	21.71	22.7
15	256QAM	1	0	19.62	19.92	19.76	20.7
15		1	37	19.65	19.91	19.76	20.7
15		1	74	19.54	19.86	19.75	20.7
15		36	0	19.51	19.93	19.82	20.7
15		36	20	19.73	20.04	19.91	20.7
15		36	39	19.73	20.02	19.93	20.7
15		75	0	19.52	19.88	19.79	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				669	698.5	698.5	
10	QPSK	1	0	24.64	24.96	24.8	25.7
10		1	25	24.47	24.89	24.7	25.7
10		1	49	24.3	24.85	24.38	25.7
10		25	0	23.64	23.96	23.86	24.7
10		25	12	23.57	23.84	23.73	24.7
10		25	25	23.53	23.86	23.65	24.7
10		50	0	23.52	23.9	23.63	24.7
10	16QAM	1	0	23.78	24.18	23.93	24.7
10		1	25	23.71	24.11	23.77	24.7
10		1	49	23.62	24.06	23.79	24.7
10		25	0	22.61	22.95	22.7	23.7
10		25	12	22.63	23.01	22.6	23.7
10		25	25	22.58	22.92	22.67	23.7
10		50	0	22.58	23	22.69	23.7
10	64QAM	1	0	22.65	23.31	23.01	23.7
10		1	25	22.58	23.09	22.79	23.7
10		1	49	22.58	22.91	22.68	23.7
10		25	0	21.54	21.95	21.77	22.7
10		25	12	21.62	22.03	21.82	22.7
10		25	25	21.54	21.87	21.75	22.7
10		50	0	21.53	21.93	21.67	22.7
10	256QAM	1	0	19.63	19.9	19.77	20.7
10		1	25	19.65	19.94	19.81	20.7
10		1	49	19.55	19.95	19.72	20.7
10		25	0	19.43	19.82	19.7	20.7
10		25	12	19.61	20.03	19.84	20.7
10		25	25	19.65	20.02	19.9	20.7
10		50	0	19.44	19.88	19.82	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	698.5	698.5	
5	QPSK	1	0	24.72	24.98	24.85	25.7
5		1	12	24.5	24.84	24.66	25.7
5		1	24	24.31	24.7	24.36	25.7
5		12	0	23.62	24.02	23.92	24.7
5		12	7	23.48	23.88	23.63	24.7
5		12	13	23.44	23.92	23.69	24.7
5		25	0	23.58	24.03	23.66	24.7
5	16QAM	1	0	23.69	24.09	23.86	24.7
5		1	12	23.66	24.09	23.76	24.7
5		1	24	23.6	24.16	23.79	24.7
5		12	0	22.67	23.06	22.75	23.7
5		12	7	22.6	23.02	22.72	23.7
5		12	13	22.39	22.77	22.5	23.7
5		25	0	22.67	23	22.84	23.7
5	64QAM	1	0	22.66	23.05	22.68	23.7
5		1	12	22.72	23.07	22.83	23.7
5		1	24	22.6	22.91	22.64	23.7
5		12	0	21.62	21.94	21.68	22.7
5		12	7	21.67	22.08	21.86	22.7
5		12	13	21.52	21.88	21.65	22.7
5		25	0	21.54	21.97	21.72	22.7
5	256QAM	1	0	19.58	19.94	19.86	20.7
5		1	12	19.53	19.95	19.82	20.7
5		1	24	19.39	19.82	19.74	20.7
5		12	0	19.47	19.88	19.75	20.7
5		12	7	19.62	20.01	19.85	20.7
5		12	13	19.7	20.07	19.88	20.7
5		25	0	19.44	19.94	19.81	20.7

<LTE Band 5_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.66	22.05	21.94	22.7
10		1	25	21.61	22	21.89	22.7
10		1	49	21.6	21.65	21.86	22.7
10		25	0	21.66	21.65	21.79	22.7
10		25	12	21.63	21.66	21.67	22.7
10		25	25	21.64	21.78	21.72	22.7
10		50	0	21.57	21.8	21.64	22.7
10	16QAM	1	0	21.75	21.7	21.78	22.7
10		1	25	21.68	21.69	21.77	22.7
10		1	49	21.63	21.69	21.73	22.7
10		25	0	21.74	21.71	21.8	22.7
10		25	12	21.6	21.72	21.96	22.7
10		25	25	21.63	21.62	21.85	22.7
10		50	0	21.79	21.92	21.8	22.7
10	64QAM	1	0	21.65	21.79	21.66	22.7
10		1	25	21.64	21.74	21.63	22.7
10		1	49	21.77	21.56	21.91	22.7
10		25	0	21.9	21.62	21.72	22.7
10		25	12	21.76	21.77	21.91	22.7
10		25	25	21.6	21.97	21.97	22.7
10		50	0	21.63	21.65	21.95	22.7
10	256QAM	1	0	19.76	19.99	19.93	20.7
10		1	25	19.8	19.98	19.92	20.7
10		1	49	19.65	19.95	19.97	20.7
10		25	0	19.79	20.01	19.92	20.7
10		25	12	19.96	20.1	20.02	20.7
10		25	25	19.64	19.98	19.85	20.7
10		50	0	19.67	19.93	19.98	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.6	22.01	21.89	22.7
5		1	12	21.76	21.99	21.96	22.7
5		1	24	21.62	21.77	21.78	22.7
5		12	0	21.59	21.67	21.65	22.7
5		12	7	21.64	21.74	21.63	22.7
5		12	13	21.79	21.75	21.59	22.7
5		25	0	21.54	21.66	21.43	22.7
5	16QAM	1	0	21.69	21.59	21.63	22.7
5		1	12	21.58	21.63	21.7	22.7
5		1	24	21.52	21.68	21.48	22.7
5		12	0	21.68	21.57	21.79	22.7
5		12	7	21.76	21.65	21.62	22.7
5		12	13	21.6	21.79	21.75	22.7
5		25	0	21.78	21.64	21.66	22.7
5	64QAM	1	0	21.71	21.77	21.64	22.7
5		1	12	21.66	21.64	21.75	22.7
5		1	24	21.74	21.61	21.7	22.7
5		12	0	21.66	21.72	21.7	22.7
5		12	7	21.66	21.71	21.7	22.7
5		12	13	21.7	21.56	21.75	22.7
5		25	0	21.76	21.73	21.67	22.7
5	256QAM	1	0	19.7	19.95	19.91	20.7
5		1	12	19.7	19.95	19.91	20.7
5		1	24	19.79	19.9	19.93	20.7
5		12	0	19.64	19.98	19.97	20.7
5		12	7	19.93	20.03	19.98	20.7
5		12	13	19.76	19.96	19.83	20.7
5		25	0	19.58	19.76	19.85	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.79	21.99	21.83	22.7
3		1	8	21.73	21.93	21.98	22.7
3		1	14	21.76	21.74	21.77	22.7
3		8	0	21.54	21.69	21.72	22.7
3		8	4	21.75	21.71	21.66	22.7
3		8	7	21.66	21.76	21.63	22.7
3		15	0	21.49	21.68	21.52	22.7
3	16QAM	1	0	21.65	21.61	21.68	22.7
3		1	8	21.58	21.57	21.65	22.7
3		1	14	21.49	21.52	21.64	22.7
3		8	0	21.67	21.5	21.71	22.7
3		8	4	21.77	21.69	21.65	22.7
3		8	7	21.8	21.68	21.77	22.7
3		15	0	21.66	21.5	21.81	22.7
3	64QAM	1	0	21.71	21.72	21.63	22.7
3		1	8	21.76	21.62	21.76	22.7
3		1	14	21.71	21.52	21.79	22.7
3		8	0	21.8	21.74	21.71	22.7
3		8	4	21.65	21.75	21.76	22.7
3		8	7	21.76	21.63	21.76	22.7
3		15	0	21.8	21.74	21.94	22.7
3	256QAM	1	0	19.73	19.99	19.88	20.7
3		1	8	19.79	19.95	19.9	20.7
3		1	14	19.71	19.91	19.94	20.7
3		8	0	19.68	19.97	19.85	20.7
3		8	4	19.85	20.06	19.88	20.7
3		8	7	19.79	19.95	19.83	20.7
3		15	0	19.66	19.89	19.88	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.73	21.94	21.92	22.7
1.4		1	3	21.77	21.95	21.9	22.7
1.4		1	5	21.76	21.76	21.9	22.7
1.4		3	0	21.62	21.59	21.71	22.7
1.4		3	1	21.73	21.62	21.52	22.7
1.4		3	2	21.64	21.71	21.7	22.7
1.4		6	0	21.47	21.79	21.42	22.7
1.4	16QAM	1	0	21.72	21.59	21.75	22.7
1.4		1	3	21.66	21.61	21.69	22.7
1.4		1	5	21.58	21.6	21.62	22.7
1.4		3	0	21.7	21.62	21.79	22.7
1.4		3	1	21.77	21.68	21.67	22.7
1.4		3	2	21.91	21.71	21.73	22.7
1.4		6	0	21.71	21.63	21.77	22.7
1.4	64QAM	1	0	21.73	21.79	21.62	22.7
1.4		1	3	21.71	21.64	21.69	22.7
1.4		1	5	21.63	21.67	21.72	22.7
1.4		3	0	21.63	21.59	21.59	22.7
1.4		3	1	21.71	21.75	21.75	22.7
1.4		3	2	21.68	21.64	21.79	22.7
1.4		6	0	21.77	21.79	21.61	22.7
1.4	256QAM	1	0	19.76	19.93	19.87	20.7
1.4		1	3	19.76	19.9	19.88	20.7
1.4		1	5	19.69	19.95	19.79	20.7
1.4		3	0	19.65	19.96	19.73	20.7
1.4		3	1	19.63	19.95	19.93	20.7
1.4		3	2	19.71	19.9	19.76	20.7
1.4		6	0	19.58	19.91	19.56	20.7

<LTE Band 12_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	22.04	22.11	22.05	22.7
10		1	25	22.01	22.02	22.01	22.7
10		1	49	21.97	22.01	22.03	22.7
10		25	0	21.9	21.97	21.96	22.7
10		25	12	21.85	21.86	21.8	22.7
10		25	25	21.88	21.91	21.81	22.7
10		50	0	21.87	21.84	21.89	22.7
10	16QAM	1	0	21.82	21.86	21.89	22.7
10		1	25	21.82	21.79	21.84	22.7
10		1	49	21.86	21.76	21.84	22.7
10		25	0	21.86	21.9	21.84	22.7
10		25	12	21.88	21.9	22.04	22.7
10		25	25	21.9	21.85	21.91	22.7
10		50	0	21.92	21.88	21.97	22.7
10	64QAM	1	0	21.95	21.93	21.98	22.7
10		1	25	21.86	21.87	22.03	22.7
10		1	49	21.89	22.05	21.89	22.7
10		25	0	21.96	21.95	21.97	22.7
10		25	12	21.85	22.02	21.92	22.7
10		25	25	21.85	21.96	22.1	22.7
10		50	0	21.9	22.05	22.04	22.7
10	256QAM	1	0	19.81	20.02	19.74	20.7
10		1	25	19.67	20.09	19.82	20.7
10		1	49	19.97	20.14	19.88	20.7
10		25	0	19.83	20.04	19.79	20.7
10		25	12	19.91	20.1	19.86	20.7
10		25	25	19.9	20.11	19.91	20.7
10		50	0	19.85	20.08	19.91	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	710.5	
5	QPSK	1	0	22.06	22.01	21.96	22.7
5		1	12	22	21.99	21.97	22.7
5		1	24	21.82	21.87	21.98	22.7
5		12	0	21.81	21.9	21.78	22.7
5		12	7	21.76	21.74	21.78	22.7
5		12	13	21.8	21.76	21.68	22.7
5		25	0	21.55	21.72	21.66	22.7
5	16QAM	1	0	21.73	21.75	21.82	22.7
5		1	12	21.69	21.77	21.8	22.7
5		1	24	21.63	21.63	21.79	22.7
5		12	0	21.62	21.87	21.7	22.7
5		12	7	21.79	21.76	21.63	22.7
5		12	13	21.76	21.77	21.67	22.7
5		25	0	21.68	21.86	21.66	22.7
5	64QAM	1	0	21.9	21.91	21.62	22.7
5		1	12	21.79	21.73	22.01	22.7
5		1	24	21.68	21.94	21.69	22.7
5		12	0	21.63	21.81	21.63	22.7
5		12	7	21.7	21.86	21.69	22.7
5		12	13	21.72	21.86	21.66	22.7
5		25	0	21.9	21.93	22.02	22.7
5	256QAM	1	0	19.76	19.93	19.64	20.7
5		1	12	19.76	19.99	19.7	20.7
5		1	24	19.91	20.02	19.85	20.7
5		12	0	19.69	20	19.71	20.7
5		12	7	19.77	19.99	19.74	20.7
5		12	13	19.84	20.06	19.83	20.7
5		25	0	19.62	19.98	19.9	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.3	707.5	714.7	
3	QPSK	1	0	22.06	22	21.92	22.7
3		1	8	21.95	21.97	21.95	22.7
3		1	14	21.87	21.96	21.99	22.7
3		8	0	21.8	21.91	21.82	22.7
3		8	4	21.71	21.76	21.69	22.7
3		8	7	21.83	21.83	21.73	22.7
3		15	0	21.59	21.78	21.56	22.7
3	16QAM	1	0	21.73	21.77	21.78	22.7
3		1	8	21.67	21.68	21.75	22.7
3		1	14	21.79	21.61	21.76	22.7
3		8	0	21.82	21.76	21.83	22.7
3		8	4	21.84	21.89	21.66	22.7
3		8	7	21.78	21.77	21.82	22.7
3		15	0	21.78	21.86	21.83	22.7
3	64QAM	1	0	21.83	21.9	21.82	22.7
3		1	8	21.61	21.61	21.86	22.7
3		1	14	21.69	21.9	21.67	22.7
3		8	0	21.84	21.9	21.84	22.7
3		8	4	21.73	21.84	21.77	22.7
3		8	7	21.83	21.84	21.66	22.7
3		15	0	21.84	22	21.66	22.7
3	256QAM	1	0	19.8	19.96	19.71	20.7
3		1	8	19.65	19.97	19.71	20.7
3		1	14	19.55	20.12	19.79	20.7
3		8	0	19.73	20	19.71	20.7
3		8	4	19.9	20.02	19.71	20.7
3		8	7	19.69	19.97	19.83	20.7
3		15	0	19.79	20.01	19.88	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.03	22.08	21.95	22.7
1.4		1	3	22.05	21.95	21.99	22.7
1.4		1	5	21.88	21.9	21.92	22.7
1.4		3	0	21.85	21.84	21.75	22.7
1.4		3	1	21.83	21.74	21.75	22.7
1.4		3	2	21.77	21.8	21.71	22.7
1.4		6	0	21.54	21.8	21.6	22.7
1.4	16QAM	1	0	21.74	21.77	21.83	22.7
1.4		1	3	21.76	21.67	21.73	22.7
1.4		1	5	21.83	21.71	21.75	22.7
1.4		3	0	21.93	21.83	21.75	22.7
1.4		3	1	21.76	21.81	21.91	22.7
1.4		3	2	21.83	21.74	21.82	22.7
1.4		6	0	21.85	21.88	21.86	22.7
1.4	64QAM	1	0	21.85	21.91	21.94	22.7
1.4		1	3	21.72	21.75	21.98	22.7
1.4		1	5	21.88	22.02	21.95	22.7
1.4		3	0	21.95	21.84	21.86	22.7
1.4		3	1	21.74	21.84	21.75	22.7
1.4		3	2	21.82	21.86	22.07	22.7
1.4		6	0	21.77	22.02	21.95	22.7
1.4	256QAM	1	0	19.69	19.88	19.61	20.7
1.4		1	3	19.83	19.97	19.78	20.7
1.4		1	5	19.65	20.12	19.82	20.7
1.4		3	0	19.77	20.02	19.72	20.7
1.4		3	1	19.82	20	19.78	20.7
1.4		3	2	19.79	20.04	19.77	20.7
1.4		6	0	19.64	19.98	19.67	20.7

<LTE Band 13_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.45		22.2
10		1	25		21.46		22.2
10		1	49		21.38		22.2
10		25	0		21.4		22.2
10		25	12		21.27		22.2
10		25	25		21.19		22.2
10		50	0		21.13		22.2
10	16QAM	1	0		21.13		22.2
10		1	25		21.11		22.2
10		1	49		21.18		22.2
10		25	0		21.23		22.2
10		25	12		21.19		22.2
10		25	25		21.18		22.2
10		50	0		21.36		22.2
10	64QAM	1	0		21.16		22.2
10		1	25		21.28		22.2
10		1	49		21.39		22.2
10		25	0		21.27		22.2
10		25	12		21.31		22.2
10		25	25		21.3		22.2
10		50	0		21.27		22.2
10	256QAM	1	0		20.08		20.7
10		1	25		20.13		20.7
10		1	49		20.04		20.7
10		25	0		20.02		20.7
10		25	12		20.1		20.7
10		25	25		20.08		20.7
10		50	0		20.09		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.39	21.47	21.32	22.2
5		1	12	21.12	21.35	21.16	22.2
5		1	24	21.34	21.43	21.19	22.2
5		12	0	21.04	21.45	21.26	22.2
5		12	7	21.06	21.2	20.88	22.2
5		12	13	20.94	21.16	20.88	22.2
5		25	0	20.87	21.16	20.94	22.2
5	16QAM	1	0	20.9	21.1	20.92	22.2
5		1	12	20.92	21.05	20.88	22.2
5		1	24	21.09	21.24	21.07	22.2
5		12	0	21.04	21.16	20.88	22.2
5		12	7	21.03	21.2	20.91	22.2
5		12	13	21.03	21.17	20.94	22.2
5		25	0	21.17	21.32	21.07	22.2
5	64QAM	1	0	21.01	21.17	20.97	22.2
5		1	12	21.16	21.32	21.12	22.2
5		1	24	21.18	21.38	21.17	22.2
5		12	0	21.15	21.24	20.97	22.2
5		12	7	21.12	21.31	21.13	22.2
5		12	13	21.25	21.36	21.19	22.2
5		25	0	21.02	21.23	21.02	22.2
5	256QAM	1	0	19.91	20.02	19.8	20.7
5		1	12	19.93	20.13	19.87	20.7
5		1	24	19.9	20.03	19.79	20.7
5		12	0	19.83	19.95	19.68	20.7
5		12	7	19.87	20.08	19.82	20.7
5		12	13	19.91	20.01	19.76	20.7
5		25	0	19.95	20.1	19.9	20.7

<LTE Band 17_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23810	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.90	22.03	21.9	22.7
10		1	25	22	21.95	21.92	22.7
10		1	49	21.91	21.94	21.95	22.7
10		25	0	21.75	21.93	21.94	22.7
10		25	12	21.71	21.83	21.79	22.7
10		25	25	21.62	21.78	21.76	22.7
10		50	0	21.57	21.76	21.64	22.7
10	16QAM	1	0	21.72	21.75	21.63	22.7
10		1	25	21.66	21.77	21.72	22.7
10		1	49	21.74	21.69	21.67	22.7
10		25	0	21.65	21.73	21.72	22.7
10		25	12	21.64	21.73	21.66	22.7
10		25	25	21.64	21.75	21.66	22.7
10		50	0	21.75	21.85	21.9	22.7
10	64QAM	1	0	21.78	21.8	21.64	22.7
10		1	25	21.81	21.77	22	22.7
10		1	49	21.65	21.97	21.68	22.7
10		25	0	21.64	21.69	21.81	22.7
10		25	12	21.74	21.67	21.77	22.7
10		25	25	21.79	21.84	22.05	22.7
10		50	0	21.76	21.68	21.66	22.7
10	256QAM	1	0	19.93	20.09	19.95	20.7
10		1	25	20.06	20.24	20.06	20.7
10		1	49	19.76	20.07	19.88	20.7
10		25	0	19.76	20.02	19.8	20.7
10		25	12	19.63	20.01	19.76	20.7
10		25	25	19.61	19.99	19.84	20.7
10		50	0	19.69	19.98	19.81	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.79	22.01	21.8	22.7
5		1	12	21.98	21.85	21.8	22.7
5		1	24	21.82	21.82	21.82	22.7
5		12	0	21.66	21.87	21.76	22.7
5		12	7	21.7	21.82	21.64	22.7
5		12	13	21.68	21.67	21.62	22.7
5		25	0	21.51	21.72	21.48	22.7
5	16QAM	1	0	21.63	21.72	21.8	22.7
5		1	12	21.6	21.62	21.6	22.7
5		1	24	21.6	21.53	21.57	22.7
5		12	0	21.78	21.58	21.58	22.7
5		12	7	21.78	21.69	21.91	22.7
5		12	13	21.73	21.7	21.62	22.7
5		25	0	21.68	21.75	21.67	22.7
5	64QAM	1	0	21.68	21.75	21.79	22.7
5		1	12	21.75	21.63	21.58	22.7
5		1	24	21.75	21.65	21.77	22.7
5		12	0	21.64	21.74	21.74	22.7
5		12	7	21.72	21.61	21.63	22.7
5		12	13	21.69	21.77	21.56	22.7
5		25	0	21.68	21.63	21.63	22.7
5	256QAM	1	0	19.73	19.94	19.65	20.7
5		1	12	20.01	20.19	20.03	20.7
5		1	24	19.67	20	19.77	20.7
5		12	0	19.65	19.99	19.72	20.7
5		12	7	19.73	19.94	19.67	20.7
5		12	13	19.76	19.98	19.71	20.7
5		25	0	19.66	19.99	19.74	20.7

<LTE Band 26_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.62	22.01	21.67	22.7
15		1	37	21.76	21.9	21.78	22.7
15		1	74	21.61	21.9	21.72	22.7
15		36	0	21.72	21.83	21.67	22.7
15		36	20	21.7	21.81	21.79	22.7
15		36	39	21.61	21.8	21.61	22.7
15		75	0	21.61	21.64	21.65	22.7
15	16QAM	1	0	21.61	21.64	21.7	22.7
15		1	37	21.66	21.65	21.67	22.7
15		1	74	21.57	21.6	21.76	22.7
15		36	0	21.79	21.62	21.67	22.7
15		36	20	21.8	21.78	21.79	22.7
15		36	39	21.77	21.71	21.71	22.7
15		75	0	21.69	21.82	21.73	22.7
15	64QAM	1	0	21.74	21.72	21.66	22.7
15		1	37	21.66	21.78	21.77	22.7
15		1	74	21.63	21.61	21.65	22.7
15		36	0	21.8	21.81	21.69	22.7
15		36	20	21.7	21.71	21.76	22.7
15		36	39	21.65	21.84	21.61	22.7
15		75	0	21.79	21.76	21.9	22.7
15	256QAM	1	0	20.08	20.06	20.03	20.7
15		1	37	19.92	20.03	19.92	20.7
15		1	74	19.91	20.01	19.9	20.7
15		36	0	19.93	20.01	19.9	20.7
15		36	20	19.91	19.9	19.91	20.7
15		36	39	19.86	19.95	19.92	20.7
15		75	0	19.78	19.9	19.93	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.8	21.95	21.73	22.7
10		1	25	21.76	21.83	21.74	22.7
10		1	49	21.75	21.85	21.92	22.7
10		25	0	21.71	21.68	21.78	22.7
10		25	12	21.67	21.74	21.65	22.7
10		25	25	21.56	21.7	21.58	22.7
10		50	0	21.58	21.6	21.4	22.7
10	16QAM	1	0	21.48	21.61	21.65	22.7
10		1	25	21.51	21.51	21.59	22.7
10		1	49	21.5	21.56	21.66	22.7
10		25	0	21.7	21.54	21.63	22.7
10		25	12	21.67	21.74	21.74	22.7
10		25	25	21.64	21.6	21.63	22.7
10		50	0	21.55	21.7	21.59	22.7
10	64QAM	1	0	21.7	21.66	21.71	22.7
10		1	25	21.62	21.63	21.64	22.7
10		1	49	21.69	21.61	21.79	22.7
10		25	0	21.7	21.71	21.64	22.7
10		25	12	21.56	21.71	21.75	22.7
10		25	25	21.56	21.71	21.76	22.7
10		50	0	21.68	21.69	21.64	22.7
10	256QAM	1	0	19.66	20.01	20.19	20.7
10		1	25	19.83	19.95	19.87	20.7
10		1	49	19.87	19.94	19.9	20.7
10		25	0	19.7	19.97	19.85	20.7
10		25	12	19.74	19.67	19.69	20.7
10		25	25	19.77	19.67	19.72	20.7
10		50	0	19.68	19.79	19.76	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
3	QPSK	1	0	21.77	21.96	21.69	22.7
3		1	8	21.77	21.81	21.66	22.7
3		1	14	21.78	21.81	21.72	22.7
3		8	0	21.66	21.71	21.72	22.7
3		8	4	21.67	21.78	21.62	22.7
3		8	7	21.48	21.74	21.67	22.7
3		15	0	21.49	21.53	21.49	22.7
3	16QAM	1	0	21.53	21.58	21.66	22.7
3		1	8	21.53	21.63	21.62	22.7
3		1	14	21.58	21.5	21.66	22.7
3		8	0	21.7	21.55	21.6	22.7
3		8	4	21.73	21.75	21.67	22.7
3		8	7	21.73	21.56	21.64	22.7
3		15	0	21.6	21.7	21.7	22.7
3	64QAM	1	0	21.67	21.58	21.76	22.7
3		1	8	21.53	21.71	21.64	22.7
3		1	14	21.72	21.66	21.71	22.7
3		8	0	21.79	21.77	21.6	22.7
3		8	4	21.61	21.74	21.66	22.7
3		8	7	21.62	21.75	21.69	22.7
3		15	0	21.77	21.76	21.68	22.7
3	256QAM	1	0	19.96	20.14	20.21	20.7
3		1	8	19.83	19.96	19.89	20.7
3		1	14	19.86	19.97	19.93	20.7
3		8	0	19.69	19.9	19.92	20.7
3		8	4	19.73	19.82	19.74	20.7
3		8	7	19.8	19.9	19.7	20.7
3		15	0	19.74	19.84	19.76	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	21.7	22	21.85	22.7
1.4		1	3	21.75	21.75	21.65	22.7
1.4		1	5	21.73	21.8	21.65	22.7
1.4		3	0	21.68	21.68	21.74	22.7
1.4		3	1	21.65	21.72	21.6	22.7
1.4		3	3	21.47	21.74	21.49	22.7
1.4		6	0	21.48	21.53	21.53	22.7
1.4	16QAM	1	0	21.53	21.62	21.6	22.7
1.4		1	3	21.52	21.64	21.63	22.7
1.4		1	5	21.56	21.54	21.67	22.7
1.4		3	0	21.66	21.57	21.53	22.7
1.4		3	1	21.7	21.65	21.73	22.7
1.4		3	3	21.76	21.62	21.64	22.7
1.4		6	0	21.56	21.72	21.6	22.7
1.4	64QAM	1	0	21.63	21.6	21.64	22.7
1.4		1	3	21.62	21.73	21.74	22.7
1.4		1	5	21.7	21.61	21.73	22.7
1.4		3	0	21.68	21.74	21.63	22.7
1.4		3	1	21.56	21.76	21.71	22.7
1.4		3	3	21.55	21.63	21.8	22.7
1.4		6	0	21.69	21.77	21.67	22.7
1.4	256QAM	1	0	20.01	20.19	20.22	20.7
1.4		1	3	19.89	19.99	19.91	20.7
1.4		1	5	19.88	19.9	19.89	20.7
1.4		3	0	19.71	19.96	19.85	20.7
1.4		3	1	19.79	19.83	19.74	20.7
1.4		3	3	19.72	19.91	19.73	20.7
1.4		6	0	19.64	19.81	19.76	20.7

<LTE Band 71_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133597	133772	
Frequency (MHz)				673	690.5	708	
20	QPSK	1	0	24.1	24.16	24.11	24.7
20		1	49	24.01	23.99	23.88	24.7
20		1	99	24.08	24.12	23.93	24.7
20		50	0	24.25	24.3	24.16	24.7
20		50	24	24.15	24.29	24.13	24.7
20		50	50	24.16	24.24	24.12	24.7
20		100	0	24.15	24.32	24.22	24.7
20	16QAM	1	0	24.32	24.4	24.34	24.7
20		1	49	24.27	24.43	24.41	24.7
20		1	99	24.36	24.42	24.3	24.7
20		50	0	23.3	23.36	23.31	23.7
20		50	24	23.29	23.42	23.35	23.7
20		50	50	23.11	23.26	23.21	23.7
20		100	0	23.17	23.34	23.22	23.7
20	64QAM	1	0	23.15	23.31	23.25	23.7
20		1	49	23.24	23.36	23.27	23.7
20		1	99	23.42	23.54	23.52	23.7
20		50	0	22.31	22.36	22.28	22.7
20		50	24	22.17	22.33	22.22	22.7
20		50	50	22.13	22.29	22.17	22.7
20		100	0	22.22	22.29	22.19	22.7
20	256QAM	1	0	20.46	20.63	20.48	20.7
20		1	49	20.52	20.57	20.51	20.7
20		1	99	20.43	20.6	20.45	20.7
20		50	0	20.01	20.09	20.07	20.7
20		50	24	20.45	20.55	20.47	20.7
20		50	50	20.4	20.56	20.47	20.7
20		100	0	20.01	20.07	20.44	20.7
Channel				133197	133397	133597	Tune-up Limit (dBm)
Frequency (MHz)				670.5	690.5	690.5	
15	QPSK	1	0	23.98	24.09	23.97	24.7
15		1	37	23.91	23.93	23.86	24.7
15		1	74	24.04	24.09	23.83	24.7
15		36	0	24.16	24.28	24.14	24.7
15		36	20	24.08	24.15	24.1	24.7
15		36	39	24.07	24.22	24.02	24.7
15		75	0	24.02	24.19	24.09	24.7
15	16QAM	1	0	24.3	24.35	24.26	24.7
15		1	37	24.23	24.41	24.36	24.7
15		1	74	24.36	24.33	24.17	24.7
15		36	0	23.16	23.34	23.24	23.7
15		36	20	23.23	23.38	23.27	23.7
15		36	39	23.02	23.17	23.07	23.7
15		75	0	23.08	23.28	23.09	23.7
15	64QAM	1	0	23.09	23.2	23.16	23.7
15		1	37	23.09	23.26	23.2	23.7
15		1	74	23.28	23.49	23.39	23.7
15		36	0	22.27	22.33	22.23	22.7
15		36	20	22.1	22.26	22.16	22.7
15		36	39	22.11	22.2	22.1	22.7
15		75	0	22.17	22.26	22.15	22.7
15	256QAM	1	0	20.42	20.52	20.46	20.7
15		1	37	20.48	20.44	20.47	20.7
15		1	74	20.37	20.54	20.4	20.7
15		36	0	20.42	20.5	20.45	20.7
15		36	20	20.33	20.44	20.44	20.7
15		36	39	20.36	20.42	20.36	20.7
15		75	0	20.42	20.44	20.33	20.7
Channel				133173	133397	133623	Tune-up Limit (dBm)
Frequency (MHz)				668	690.5	668	
10	QPSK	1	0	24.09	24.12	24.04	24.7
10		1	25	23.97	23.85	23.84	24.7
10		1	49	24	24.09	23.84	24.7
10		25	0	24.17	24.24	24.13	24.7
10		25	12	24.08	24.19	24.18	24.7
10		25	25	24.02	24.14	24.01	24.7
10		50	0	24.13	24.3	24.12	24.7
10	16QAM	1	0	24.2	24.36	24.3	24.7
10		1	25	24.2	24.41	24.27	24.7
10		1	49	24.33	24.32	24.19	24.7
10		25	0	23.36	23.33	23.23	23.7
10		25	12	23.24	23.3	23.31	23.7
10		25	25	23.06	23.21	23.19	23.7
10		50	0	23.06	23.27	23.19	23.7
10	64QAM	1	0	23.02	23.16	23.17	23.7
10		1	25	23.08	23.32	23.15	23.7
10		1	49	23.3	23.45	23.39	23.7
10		25	0	22.29	22.21	22.16	22.7
10		25	12	22.07	22.26	22.15	22.7
10		25	25	22	22.25	22.09	22.7
10		50	0	22.13	22.25	22.09	22.7
10	256QAM	1	0	20.4	20.56	20.34	20.7
10		1	25	20.39	20.51	20.47	20.7
10		1	49	20.33	20.55	20.33	20.7
10		25	0	20.46	20.57	20.39	20.7
10		25	12	20.38	20.45	20.44	20.7
10		25	25	20.28	20.42	20.46	20.7
10		50	0	20.3	20.52	20.34	20.7
Channel				133147	133397	133647	Tune-up Limit (dBm)
Frequency (MHz)				665.5	690.5	665.5	
5	QPSK	1	0	24.03	24.16	24	24.7
5		1	12	24	23.97	23.75	24.7
5		1	24	24	24.03	23.84	24.7
5		12	0	24.16	24.19	24.11	24.7
5		12	7	24.06	24.16	24.21	24.7
5		12	13	24.03	24.12	24.03	24.7
5		25	0	24.09	24.18	24.1	24.7
5	16QAM	1	0	24.29	24.3	24.22	24.7
5		1	12	24.16	24.36	24.33	24.7
5		1	24	24.32	24.42	24.26	24.7
5		12	0	23.19	23.34	23.26	23.7
5		12	7	23.22	23.38	23.24	23.7
5		12	13	22.98	23.25	23.11	23.7
5		25	0	23.05	23.21	23.2	23.7
5	64QAM	1	0	23.03	23.17	23.17	23.7
5		1	12	23.1	23.32	23.17	23.7
5		1	24	23.37	23.47	23.41	23.7
5		12	0	22.3	22.26	22.26	22.7
5		12	7	22.09	22.27	22.12	22.7
5		12	13	22.08	22.25	22.06	22.7
5		25	0	22.18	22.17	22.09	22.7
5	256QAM	1	0	20.39	20.59	20.34	20.7
5		1	12	20.46	20.54	20.42	20.7
5		1	24	20.36	20.57	20.43	20.7
5		12	0	20.41	20.58	20.33	20.7
5		12	7	20.43	20.53	20.43	20.7
5		12	13	20.28	20.46	20.41	20.7
5		25	0	20.39	20.54	20.38	20.7

<LTE Band 2_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.51	18.66	18.49	19.2
20		1	49	18.52	18.66	18.54	19.2
20		1	99	18.47	18.48	18.54	19.2
20		50	0	18.4	18.59	18.39	19.2
20		50	24	18.49	18.43	18.32	19.2
20		50	50	18.42	18.37	18.38	19.2
20		100	0	18.27	18.41	18.25	19.2
20	16QAM	1	0	18.26	18.43	18.46	19.2
20		1	49	18.43	18.35	18.45	19.2
20		1	99	18.36	18.32	18.43	19.2
20		50	0	18.51	18.46	18.37	19.2
20		50	24	18.42	18.36	18.46	19.2
20		50	50	18.58	18.38	18.41	19.2
20		100	0	18.31	18.56	18.53	19.2
20	64QAM	1	0	18.4	18.48	18.58	19.2
20		1	49	18.35	18.46	18.58	19.2
20		1	99	18.44	18.53	18.42	19.2
20		50	0	18.48	18.52	18.44	19.2
20		50	24	18.44	18.53	18.36	19.2
20		50	50	18.4	18.6	18.56	19.2
20		100	0	18.44	18.54	18.45	19.2
20	256QAM	1	0	18.46	18.6	18.43	19.2
20		1	49	18.38	18.64	18.41	19.2
20		1	99	18.58	18.53	18.5	19.2
20		50	0	18.39	18.47	18.54	19.2
20		50	24	18.41	18.43	18.53	19.2
20		50	50	18.48	18.42	18.5	19.2
20		100	0	18.44	18.45	18.53	19.2
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.44	18.54	18.37	19.2
15		1	37	18.37	18.52	18.5	19.2
15		1	74	18.42	18.39	18.51	19.2
15		36	0	18.3	18.54	18.27	19.2
15		36	20	18.42	18.4	18.23	19.2
15		36	39	18.35	18.35	18.28	19.2
15		75	0	18.17	18.34	18.21	19.2
15	16QAM	1	0	18.14	18.33	18.44	19.2
15		1	37	18.34	18.28	18.34	19.2
15		1	74	18.37	18.22	18.28	19.2
15		36	0	18.39	18.31	18.27	19.2
15		36	20	18.37	18.24	18.32	19.2
15		36	39	18.47	18.37	18.3	19.2
15		75	0	18.18	18.45	18.4	19.2
15	64QAM	1	0	18.39	18.43	18.47	19.2
15		1	37	18.21	18.4	18.48	19.2
15		1	74	18.38	18.38	18.39	19.2
15		36	0	18.45	18.45	18.32	19.2
15		36	20	18.3	18.43	18.21	19.2
15		36	39	18.35	18.47	18.56	19.2
15		75	0	18.31	18.52	18.4	19.2
15	256QAM	1	0	18.35	18.48	18.35	19.2
15		1	37	18.2	18.52	18.33	19.2
15		1	74	18.43	18.45	18.47	19.2
15		36	0	18.32	18.45	18.47	19.2
15		36	20	18.29	18.35	18.44	19.2
15		36	39	18.35	18.38	18.48	19.2
15		75	0	18.33	18.36	18.45	19.2
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.37	18.6	18.43	19.2
10		1	25	18.44	18.6	18.39	19.2
10		1	49	18.32	18.35	18.43	19.2
10		25	0	18.36	18.46	18.28	19.2
10		25	12	18.46	18.36	18.22	19.2
10		25	25	18.32	18.26	18.26	19.2
10		50	0	18.25	18.26	18.11	19.2
10	16QAM	1	0	18.16	18.34	18.32	19.2
10		1	25	18.37	18.31	18.32	19.2
10		1	49	18.31	18.28	18.41	19.2
10		25	0	18.46	18.34	18.3	19.2
10		25	12	18.3	18.33	18.32	19.2
10		25	25	18.43	18.31	18.38	19.2
10		50	0	18.25	18.51	18.46	19.2
10	64QAM	1	0	18.32	18.45	18.51	19.2
10		1	25	18.3	18.41	18.49	19.2
10		1	49	18.43	18.46	18.4	19.2
10		25	0	18.36	18.42	18.37	19.2
10		25	12	18.29	18.39	18.34	19.2
10		25	25	18.26	18.49	18.62	19.2
10		50	0	18.33	18.43	18.33	19.2
10	256QAM	1	0	18.45	18.54	18.35	19.2
10		1	25	18.22	18.62	18.27	19.2
10		1	49	18.43	18.5	18.39	19.2
10		25	0	18.38	18.33	18.4	19.2
10		25	12	18.4	18.37	18.5	19.2
10		25	25	18.33	18.29	18.46	19.2
10		50	0	18.42	18.34	18.51	19.2
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.44	18.64	18.45	19.2
5		1	12	18.46	18.55	18.47	19.2
5		1	24	18.39	18.42	18.48	19.2
5		12	0	18.37	18.46	18.24	19.2
5		12	7	18.39	18.4	18.22	19.2
5		12	13	18.32	18.34	18.33	19.2
5	16QAM	25	0	18.2	18.3	18.16	19.2
5		1	0	18.22	18.31	18.33	19.2
5		1	12	18.35	18.23	18.33	19.2
5		1	24	18.35	18.25	18.36	19.2
5		12	0	18.47	18.35	18.33	19.2
5		12	7	18.34	18.22	18.43	19.2
5		12	13	18.51	18.27	18.27	19.2
5		25	0	18.17	18.53	18.52	19.2
5	64QAM	1	0	18.31	18.33	18.54	19.2
5		1	12	18.23	18.34	18.44	19.2
5		1	24	18.4	18.44	18.41	19.2
5		12	0	18.41	18.39	18.39	19.2
5		12	7	18.35	18.49	19.3	19.2
5		12	13	18.36	18.55	18.61	19.2
5		25	0	18.3	18.48	18.33	19.2
5	256QAM	1	0	18.36	18.47	18.32	19.2
5		1	12	18.22	18.61	18.27	19.2
5		1	24	18.49	18.39	18.38	19.2
5		12	0	18.26	18.35	18.41	19.2
5		12	7	18.39	18.31	18.42	19.2
5		12	13	18.41	18.33	18.37	19.2
5		25	0	18.35	18.41	18.49	19.2
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.42	18.58	18.44	19.2
3		1	8	18.45	18.62	18.47	19.2
3		1	14	18.41	18.35	18.47	19.2
3		8	0	18.27	18.49	18.26	19.2
3		8	4	18.4	18.29	18.22	19.2
3		8	7	18.39	18.32	18.27	19.2
3		15	0	18.16	18.36	18.16	19.2
3	16QAM	1	0	18.25	18.38	18.38	19.2
3		1	8	18.36	18.22	18.43	19.2
3		1	14	18.22	18.25	18.39	19.2
3		8	0	18.39	18.4	18.24	19.2
3		8	4	18.36	18.24	18.4	19.2
3		8	7	18.51	18.25	18.33	19.2
3		15	0	18.23	18.43	18.43	19.2
3	64QAM	1	0	18.33	18.33	18.48	19.2
3		1	8	18.23	18.43	18.54	19.2
3		1	14	18.37	18.47	18.34	19.2
3		8	0	18.43	18.5	18.3	19.2
3		8	4	18.31	18.49	18.26	19.2
3		8	7	18.37	18.49	18.61	19.2
3		15	0	18.31	18.5	18.4	19.2
3	256QAM	1	0	18.38	18.46	18.38	19.2
3		1	8	18.25	18.62	18.38	19.2
3		1	14	18.32	18.42	18.39	19.2
3		8	0	18.34	18.34	18.48	19.2
3		8	4	18.33	18.31	18.46	19.2
3		8	7	18.37	18.37	18.39	19.2
3		15	0	18.41	18.4	18.51	19.2
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.43	18.6	18.46	19.2
1.4		1	3	18.49	18.63	18.49	19.2
1.4		1	5	18.33	18.47	18.48	19.2
1.4		3	0	18.29	18.58	18.31	19.2
1.4		3	1	18.38	18.37	18.26	19.2
1.4		3	3	18.33	18.3	18.32	19.2
1.4		6	0	18.19	18.46	18.13	19.2
1.4	16QAM	1	0	18.13	18.35	18.35	19.2
1.4		1	3	18.3	18.33	18.4	19.2
1.4		1	5	18.33	18.27	18.31	19.2
1.4		3	0	18.41	18.34	18.3	19.2
1.4		3	1	18.38	18.23	18.41	19.2
1.4		3	3	18.43	18.25	18.4	19.2
1.4		6	0	18.3	18.42	18.5	19.2
1.4	64QAM	1	0	18.36	18.44	18.46	19.2
1.4		1	3	18.22	18.38	18.56	19.2
1.4		1	5	18.34	18.4	18.36	19.2
1.4		3	0	18.4	18.5	18.3	19.2
1.4		3	1	18.3	18.45	18.33	19.2
1.4		3	3	18.38	18.5	18.6	19.2
1.4		6	0	18.37	18.44	18.33	19.2
1.4	256QAM	1	0	18.4	18.5	18.33	19.2
1.4		1	3	18.27	18.51	18.28	19.2
1.4		1	5	18.47	18.43	18.35	19.2
1.4		3	0	18.27	18.38	18.39	19.2
1.4		3	1	18.26	18.33	18.41	19.2
1.4		3	3	18.46	18.35	18.37	19.2
1.4		6	0	18.41	18.33	18.43	19.2

<LTE Band 4_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.17	18.21	18.2	18.7
20		1	49	18.2	18.16	18.22	18.7
20		1	99	18.1	18.17	18.03	18.7
20		50	0	17.96	18.18	18.09	18.7
20		50	24	18.05	18.01	17.95	18.7
20		50	50	18.02	18.06	17.99	18.7
20		100	0	17.91	17.98	17.81	18.7
20	16QAM	1	0	17.87	17.98	18	18.7
20		1	49	17.98	17.96	17.95	18.7
20		1	99	17.94	17.92	17.93	18.7
20		50	0	18.09	18.09	17.99	18.7
20		50	24	18.1	18.02	18.06	18.7
20		50	50	18.18	18.1	18.01	18.7
20		100	0	18.02	18.18	18.02	18.7
20	64QAM	1	0	18.05	18.1	18.15	18.7
20		1	49	17.95	17.96	18.03	18.7
20		1	99	18.01	18.18	18.05	18.7
20		50	0	18.13	18.13	18.07	18.7
20		50	24	17.97	18.01	18.08	18.7
20		50	50	18.06	18.09	18.16	18.7
20		100	0	18	18.18	18.13	18.7
20	256QAM	1	0	18.01	18.1	18.09	18.7
20		1	49	17.96	18.17	17.99	18.7
20		1	99	18.11	18.11	18.09	18.7
20		50	0	18.1	18.17	18.11	18.7
20		50	24	18.04	18.05	18.05	18.7
20		50	50	18.05	18.07	18.16	18.7
20		100	0	18.07	18.11	18.04	18.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.08	18.16	18.14	18.7
15		1	37	18.11	18.13	18.16	18.7
15		1	74	18.09	18.13	17.99	18.7
15		36	0	17.98	18.08	18.06	18.7
15		36	20	17.91	17.87	17.9	18.7
15		36	39	17.94	17.94	17.85	18.7
15		75	0	17.78	17.86	17.68	18.7
15	16QAM	1	0	17.85	17.9	17.97	18.7
15		1	37	17.93	17.83	17.9	18.7
15		1	74	17.87	17.84	17.8	18.7
15		36	0	18.03	18.03	17.88	18.7
15		36	20	18.02	17.94	18	18.7
15		36	39	18.09	17.97	17.89	18.7
15		75	0	17.97	18.14	17.99	18.7
15	64QAM	1	0	17.98	18	18.06	18.7
15		1	37	17.86	17.81	17.89	18.7
15		1	74	17.99	18.07	18	18.7
15		36	0	18.03	18.09	17.93	18.7
15		36	20	17.83	17.99	18.03	18.7
15		36	39	17.95	18	18.05	18.7
15		75	0	17.86	18.07	18.05	18.7
15	256QAM	1	0	17.98	18.05	17.99	18.7
15		1	37	17.91	18.15	17.84	18.7
15		1	74	17.96	18.06	18.08	18.7
15		36	0	18.09	18.1	18.03	18.7
15		36	20	17.93	17.96	18.01	18.7
15		36	39	17.95	17.97	18.03	18.7
15		75	0	17.86	18.03	17.93	18.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.08	18.19	18.08	18.7
10		1	25	18.05	18.03	18.17	18.7
10		1	49	18.07	18.13	17.99	18.7
10		25	0	17.83	18.11	18.05	18.7
10		25	12	18.01	17.87	17.82	18.7
10		25	25	17.9	18.04	17.97	18.7
10		50	0	17.8	17.95	17.87	18.7
10	16QAM	1	0	17.77	17.93	17.9	18.7
10		1	25	17.87	17.82	17.89	18.7
10		1	49	17.85	17.78	17.81	18.7
10		25	0	18.03	17.98	17.94	18.7
10		25	12	18.04	17.94	17.96	18.7
10		25	25	18.13	18.07	17.95	18.7
10		50	0	17.92	18.04	17.9	18.7
10	64QAM	1	0	17.99	18.01	18.01	18.7
10		1	25	17.88	17.88	17.91	18.7
10		1	49	17.86	18.1	17.92	18.7
10		25	0	18.07	18.01	18.02	18.7
10		25	12	17.96	17.91	17.99	18.7
10		25	25	18.05	17.98	18.06	18.7
10		50	0	17.96	18.1	18.09	18.7
10	256QAM	1	0	17.91	17.95	18.02	18.7
10		1	25	17.96	18.15	17.95	18.7
10		1	49	18	18.04	18.01	18.7
10		25	0	18.07	18.06	18.02	18.7
10		25	12	17.91	18.01	18	18.7
10		25	25	17.9	18.06	18.05	18.7
10		50	0	17.99	18.1	17.97	18.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.14	18.17	18.08	18.7
5		1	12	18.18	18.1	18.08	18.7
5		1	24	18.03	18.04	17.96	18.7
5		12	0	17.87	18.08	17.97	18.7
5		12	7	18.02	17.94	17.91	18.7
5		12	13	17.88	17.95	17.97	18.7
5		25	0	17.69	17.83	17.68	18.7
5	16QAM	1	0	17.74	17.94	17.98	18.7
5		1	12	17.86	17.81	17.89	18.7
5		1	24	17.81	17.77	17.91	18.7
5		12	0	18.04	18.01	17.89	18.7
5		12	7	18.05	18	17.93	18.7
5		12	13	18.16	18.02	17.99	18.7
5		25	0	17.99	18.08	17.99	18.7
5	64QAM	1	0	17.99	18.09	18.05	18.7
5		1	12	17.89	17.87	17.93	18.7
5		1	24	17.96	18.04	17.97	18.7
5		12	0	18.03	18.05	17.96	18.7
5		12	7	17.83	17.93	17.95	18.7
5		12	13	17.95	18.02	18.15	18.7
5		25	0	17.87	18.11	17.99	18.7
5	256QAM	1	0	17.89	18.07	17.97	18.7
5		1	12	17.88	18.16	17.88	18.7
5		1	24	18.01	18.06	17.97	18.7
5		12	0	18.02	18.15	18.01	18.7
5		12	7	17.98	17.97	17.97	18.7
5		12	13	17.93	17.99	18.12	18.7
5		25	0	17.96	18.07	17.98	18.7
Channel				19950	20175	20400	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.1	18.19	18.09	18.7
3		1	8	18.06	18.12	18.16	18.7
3		1	14	18.05	18.09	17.92	18.7
3		8	0	17.82	18.14	17.99	18.7
3		8	4	17.91	17.95	17.88	18.7
3		8	7	17.94	17.97	17.85	18.7
3		15	0	17.8	17.96	17.76	18.7
3	16QAM	1	0	17.81	17.83	17.88	18.7
3		1	8	17.93	17.81	17.97	18.7
3		1	14	17.92	17.9	17.85	18.7
3		8	0	17.95	18.06	17.87	18.7
3		8	4	17.97	17.95	18	18.7
3		8	7	18.09	18.03	17.9	18.7
3		15	0	17.92	18.14	17.88	18.7
3	64QAM	1	0	17.92	18.02	18.06	18.7
3		1	8	17.84	17.94	17.9	18.7
3		1	14	17.94	18.06	17.95	18.7
3		8	0	17.99	18.07	17.97	18.7
3		8	4	17.87	17.96	18	18.7
3		8	7	18.04	18.07	18.12	18.7
3		15	0	17.9	18.08	18.09	18.7
3	256QAM	1	0	17.88	17.95	18.04	18.7
3		1	8	17.97	18.03	17.96	18.7
3		1	14	18	17.99	18.01	18.7
3		8	0	18.08	18.08	18.05	18.7
3		8	4	17.96	17.98	18.02	18.7
3		8	7	18.01	17.97	18.03	18.7
3		15	0	18.05	17.96	17.91	18.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.14	18.12	18.13	18.7
1.4		1	3	18.13	18.08	18.18	18.7
1.4		1	5	18.02	18.05	17.92	18.7
1.4		3	0	17.94	18.09	18.08	18.7
1.4		3	1	17.96	17.89	17.81	18.7
1.4		3	3	17.94	17.95	17.92	18.7
1.4		6	0	17.75	17.83	17.7	18.7
1.4	16QAM	1	0	17.83	17.87	17.93	18.7
1.4		1	3	17.91	17.83	17.93	18.7
1.4		1	5	17.86	17.79	17.9	18.7
1.4		3	0	18.06	17.98	17.94	18.7
1.4		3	1	18.08	17.97	18	18.7
1.4		3	3	18.16	18.02	17.97	18.7
1.4		6	0	17.93	18.06	17.87	18.7
1.4	64QAM	1	0	18.02	18.07	18.05	18.7
1.4		1	3	17.91	17.82	17.94	18.7
1.4		1	5	18	18.04	17.94	18.7
1.4		3	0	18.04	18	18.01	18.7
1.4		3	1	17.84	17.89	18.02	18.7
1.4		3	3	18.04	17.97	18.13	18.7
1.4		6	0	17.93	18.07	18.03	18.7
1.4	256QAM	1	0	17.95	18	18	18.7
1.4		1	3	17.95	18.09	17.97	18.7
1.4		1	5	17.96	18.09	17.95	18.7
1.4		3	0	18.01	18.13	18.01	18.7
1.4		3	1	17.94	18.02	18	18.7
1.4		3	3	17.95	17.94	18.07	18.7
1.4		6	0	17.96	18.09	17.97	18.7

<LTE Band 7_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.94	17.02	16.87	17.2
20		1	49	16.89	16.89	16.81	17.2
20		1	99	16.8	16.98	16.78	17.2
20		50	0	16.76	16.87	16.75	17.2
20		50	24	16.71	16.8	16.7	17.2
20		50	50	16.68	16.82	16.71	17.2
20		100	0	16.6	16.71	16.53	17.2
20	16QAM	1	0	16.64	16.75	16.82	17.2
20		1	49	16.69	16.69	16.64	17.2
20		1	99	16.66	16.68	16.75	17.2
20		50	0	16.81	16.8	16.8	17.2
20		50	24	16.85	16.79	16.85	17.2
20		50	50	16.86	16.72	16.81	17.2
20		100	0	16.74	16.89	16.82	17.2
20	64QAM	1	0	16.78	16.85	16.8	17.2
20		1	49	16.82	16.76	16.89	17.2
20		1	99	16.89	16.99	16.87	17.2
20		50	0	16.8	16.83	16.75	17.2
20		50	24	16.76	16.89	16.78	17.2
20		50	50	16.75	16.92	16.89	17.2
20		100	0	16.8	16.82	16.91	17.2
20	256QAM	1	0	16.83	16.85	16.82	17.2
20		1	49	16.69	17.05	16.85	17.2
20		1	99	16.91	16.83	16.79	17.2
20		50	0	16.83	16.98	16.78	17.2
20		50	24	16.71	16.87	16.91	17.2
20		50	50	16.73	16.85	16.88	17.2
20		100	0	16.75	16.87	16.83	17.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.82	16.87	16.74	17.2
15		1	37	16.84	16.82	16.94	17.2
15		1	74

<LTE Band 25_Ant4_DSIT>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.65	18.85	18.65	19.2
20		1	49	18.62	18.73	18.62	19.2
20		1	99	18.59	18.62	18.56	19.2
20		50	0	18.46	18.69	18.51	19.2
20		50	24	18.41	18.6	18.47	19.2
20		50	50	18.39	18.61	18.44	19.2
20		100	0	18.4	18.55	18.4	19.2
20	16QAM	1	0	18.47	18.5	18.63	19.2
20		1	49	18.4	18.48	18.51	19.2
20		1	99	18.46	18.46	18.44	19.2
20		50	0	18.62	18.51	18.47	19.2
20		50	24	18.53	18.46	18.58	19.2
20		50	50	18.69	18.58	18.52	19.2
20		100	0	18.47	18.74	18.58	19.2
20	64QAM	1	0	18.55	18.5	18.62	19.2
20		1	49	18.46	18.53	18.54	19.2
20		1	99	18.52	18.62	18.57	19.2
20		50	0	18.59	18.64	18.52	19.2
20		50	24	18.52	18.65	18.53	19.2
20		50	50	18.45	18.58	18.63	19.2
20		100	0	18.53	18.68	18.57	19.2
20	256QAM	1	0	18.48	18.74	18.58	19.2
20		1	49	18.45	18.6	18.5	19.2
20		1	99	18.65	18.57	18.57	19.2
20		50	0	18.49	18.69	18.56	19.2
20		50	24	18.49	18.62	18.65	19.2
20		50	50	18.6	18.51	18.66	19.2
20		100	0	18.48	18.63	18.57	19.2
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.52	18.72	18.53	19.2
15		1	37	18.57	18.71	18.6	19.2
15		1	74	18.59	18.47	18.63	19.2
15		36	0	18.32	18.55	18.47	19.2
15		36	20	18.46	18.5	18.33	19.2
15		36	39	18.37	18.56	18.3	19.2
15		75	0	18.34	18.41	18.34	19.2
15	16QAM	1	0	18.45	18.44	18.58	19.2
15		1	37	18.39	18.36	18.47	19.2
15		1	74	18.34	18.41	18.32	19.2
15		36	0	18.5	18.4	18.38	19.2
15		36	20	18.39	18.36	18.47	19.2
15		36	39	18.58	18.44	18.47	19.2
15		75	0	18.36	18.73	18.52	19.2
15	64QAM	1	0	18.54	18.48	18.58	19.2
15		1	37	18.35	18.51	18.5	19.2
15		1	74	18.46	18.59	18.56	19.2
15		36	0	18.49	18.59	18.47	19.2
15		36	20	18.38	18.64	18.39	19.2
15		36	39	18.34	18.46	18.57	19.2
15		75	0	18.44	18.55	18.47	19.2
15	256QAM	1	0	18.47	18.61	18.52	19.2
15		1	37	18.42	18.77	18.49	19.2
15		1	74	18.5	18.44	18.48	19.2
15		36	0	18.35	18.64	18.47	19.2
15		36	20	18.43	18.6	18.52	19.2
15		36	39	18.49	18.49	18.64	19.2
15		75	0	18.38	18.49	18.49	19.2
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912	
10	QPSK	1	0	18.59	18.78	18.62	19.2
10		1	25	18.64	18.68	18.6	19.2
10		1	49	18.66	18.52	18.66	19.2
10		25	0	18.32	18.51	18.37	19.2
10		25	12	18.36	18.48	18.33	19.2
10		25	25	18.43	18.54	18.39	19.2
10		50	0	18.37	18.42	18.35	19.2
10	16QAM	1	0	18.38	18.45	18.55	19.2
10		1	25	18.26	18.41	18.37	19.2
10		1	49	18.36	18.35	18.34	19.2
10		25	0	18.33	18.39	18.35	19.2
10		25	12	18.4	18.45	18.49	19.2
10		25	25	18.6	18.54	18.45	19.2
10		50	0	18.35	18.63	18.44	19.2
10	64QAM	1	0	18.42	18.35	18.56	19.2
10		1	25	18.47	18.49	18.41	19.2
10		1	49	18.37	18.5	18.44	19.2
10		25	0	18.44	18.6	18.49	19.2
10		25	12	18.48	18.52	18.41	19.2
10		25	25	18.41	18.45	18.53	19.2
10		50	0	18.45	18.64	18.55	19.2
10	256QAM	1	0	18.37	18.67	18.52	19.2
10		1	25	18.36	18.77	18.43	19.2
10		1	49	18.52	18.54	18.52	19.2
10		25	0	18.35	18.59	18.47	19.2
10		25	12	18.44	18.51	18.63	19.2
10		25	25	18.48	18.41	18.6	19.2
10		50	0	18.38	18.58	18.47	19.2
Channel				26052	26340	26965	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.61	18.74	18.61	19.2
5		1	12	18.52	18.68	18.57	19.2
5		1	24	18.59	18.48	18.61	19.2
5		12	0	18.36	18.56	18.47	19.2
5		12	7	18.53	18.53	18.37	19.2
5		12	13	18.37	18.49	18.32	19.2
5		25	0	18.26	18.48	18.27	19.2
5	16QAM	1	0	18.44	18.46	18.58	19.2
5		1	12	18.29	18.37	18.49	19.2
5		1	24	18.44	18.39	18.34	19.2
5		12	0	18.56	18.46	18.4	19.2
5		12	7	18.51	18.4	18.44	19.2
5		12	13	18.63	18.49	18.38	19.2
5		25	0	18.4	18.72	18.45	19.2
5	64QAM	1	0	18.45	18.44	18.54	19.2
5		1	12	18.46	18.42	18.5	19.2
5		1	24	18.44	18.53	18.55	19.2
5		12	0	18.57	18.5	18.51	19.2
5		12	7	18.46	18.52	18.45	19.2
5		12	13	18.34	18.53	18.48	19.2
5		25	0	18.38	18.64	18.46	19.2
5	256QAM	1	0	18.38	18.65	18.47	19.2
5		1	12	18.32	18.71	18.45	19.2
5		1	24	18.6	18.49	18.49	19.2
5		12	0	18.4	18.58	18.54	19.2
5		12	7	18.44	18.57	18.51	19.2
5		12	13	18.52	18.41	18.57	19.2
5		25	0	18.33	18.54	18.46	19.2
Channel				26018	26340	26672	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	18.61	18.71	18.62	19.2
3		1	8	18.57	18.66	18.6	19.2
3		1	14	18.66	18.5	18.59	19.2
3		8	0	18.33	18.55	18.49	19.2
3		8	4	18.57	18.53	18.34	19.2
3		8	7	18.36	18.53	18.32	19.2
3		15	0	18.3	18.53	18.35	19.2
3	16QAM	1	0	18.36	18.45	18.59	19.2
3		1	8	18.26	18.4	18.44	19.2
3		1	14	18.36	18.32	18.32	19.2
3		8	0	18.6	18.41	18.43	19.2
3		8	4	18.43	18.39	18.44	19.2
3		8	7	18.65	18.48	18.38	19.2
3		15	0	18.44	18.66	18.55	19.2
3	64QAM	1	0	18.46	18.39	18.6	19.2
3		1	8	18.42	18.49	18.44	19.2
3		1	14	18.46	18.53	18.48	19.2
3		8	0	18.51	18.54	18.48	19.2
3		8	4	18.4	18.58	18.48	19.2
3		8	7	18.32	18.47	18.52	19.2
3		15	0	18.38	18.55	18.43	19.2
3	256QAM	1	0	18.42	18.69	18.48	19.2
3		1	8	18.42	18.75	18.39	19.2
3		1	14	18.62	18.43	18.46	19.2
3		8	0	18.44	18.59	18.5	19.2
3		8	4	18.41	18.49	18.57	19.2
3		8	7	18.48	18.49	18.64	19.2
3		15	0	18.41	18.5	18.54	19.2
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	18.6	18.78	18.62	19.2
1.4		1	3	18.56	18.67	18.58	19.2
1.4		1	5	18.54	18.47	18.57	19.2
1.4		3	0	18.35	18.45	18.43	19.2
1.4		3	1	18.51	18.51	18.46	19.2
1.4		3	3	18.47	18.46	18.42	19.2
1.4		6	0	18.36	18.47	18.31	19.2
1.4	16QAM	1	0	18.35	18.48	18.55	19.2
1.4		1	3	18.3	18.45	18.5	19.2
1.4		1	5	18.37	18.34	18.37	19.2
1.4		3	0	18.51	18.41	18.32	19.2
1.4		3	1	18.46	18.38	18.49	19.2
1.4		3	3	18.52	18.46	18.47	19.2
1.4		6	0	18.36	18.39	18.53	19.2
1.4	64QAM	1	0	18.49	18.46	18.57	19.2
1.4		1	3	18.42	18.51	18.4	19.2
1.4		1	5	18.45	18.54	18.42	19.2
1.4		3	0	18.45	18.58	18.4	19.2
1.4		3	1	18.45	18.54	18.39	19.2
1.4		3	3	18.44	18.49	18.49	19.2
1.4		6	0	18.49	18.54	18.55	19.2
1.4	256QAM	1	0	18.38	18.71	18.54	19.2
1.4		1	3	18.34	18.67	18.47	19.2
1.4		1	5	18.64	18.54	18.43	19.2
1.4		3	0	18.34	18.55	18.41	19.2
1.4		3	1	18.42	18.5	18.58	19.2
1.4		3	3	18.48	18.4	18.57	19.2
1.4		6	0	18.38	18.6	18.52	19.2

<LTE Band 66_Ant4_DSIT>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.28	18.36	18.32	18.7
20		1	49	18.21	18.27	18.29	18.7
20		1	99	18.16	18.19	18.14	18.7
20		50	0	18.24	18.34	18.15	18.7
20		50	24	18.17	18.13	18.05	18.7
20		50	50	18.12	18.22	18.04	18.7
20		100	0	17.89	18.11	18	18.7
20	16QAM	1	0	17.99	18.1	18.12	18.7
20		1	49	18.04	18.03	18.06	18.7
20		1	99	18.06	18.04	18.01	18.7
20		50	0	18.15	18.08	18.1	18.7
20		50	24	18.2	18.15	18.19	18.7
20		50	50	18.24	18.2	18.24	18.7
20		100	0	18.13	18.33	18.16	18.7
20	64QAM	1	0	18.16	18.17	18.19	18.7
20		1	49	18.1	18.15	18.2	18.7
20		1	99	18.2	18.28	18.27	18.7
20		50	0	18.13	18.28	18.11	18.7
20		50	24	18.17	18.18	18.04	18.7
20		50	50	18.16	18.28	18.32	18.7
20		100	0	18.15	18.27	18.3	18.7
20	256QAM	1	0	18.21	18.31	18.13	18.7
20		1	49	18.03	18.36	18.17	18.7
20		1	99	18.3	18.28	18.2	18.7
20		50	0	18.08	18.19	18.23	18.7
20		50	24	18.06	18.14	18.2	18.7
20		50	50	18.09	18.14	18.3	18.7
20		100	0	18.2	18.22	18.28	18.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.23	18.27	18.2	18.7
15		1	37	18.31	18.22	18.15	18.7
15		1	74	18.13	18.14	18.1	18.7
15		36	0	17.96	18.24	18.06	18.7
15		36	20	18.15	18.01	18.11	18.7
15		36	39	18	18.09	17.98	18.7
15		75	0	17.97	18.04	17.87	18.7
15	16QAM	1	0	17.94	18.01	18.01	18.7
15		1	37	17.95	17.88	18	18.7
15		1	74	18.04	17.96	18	18.7
15		36	0	18.01	18.07	18.03	18.7
15		36	20	18.15	18	18.15	18.7
15		36	39	18.13	18.16	18.18	18.7
15		75	0	18.1	18.2	18.05	18.7
15	64QAM	1	0	18.06	18.04	18.07	18.7
15		1	37	17.97	18.09	18.1	18.7
15		1	74	18.19	18.23	18.19	18.7
15		36	0	18.01	18.14	18	18.7
15		36	20	18.08	18.04	17.98	18.7
15		36	39	18.06	18.25	18.26	18.7
15		75	0	18.11	18.19	18.24	18.7
15	256QAM	1	0	18.18	18.3	18.05	18.7
15		1	37	17.97	18.29	18.15	18.7
15		1	74	18.16	18.22	18.12	18.7
15		36	0	17.94	18.06	18.16	18.7
15		36	20	17.93	18.12	18.08	18.7
15		36	39	18.01	18.09	18.16	18.7
15		75	0	18.07	18.15	18.16	18.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.19	18.26	18.29	18.7
10		1	25	18.29	18.15	18.27	18.7
10		1	49	18.09	18.09	18.12	18.7
10		25	0	17.96	18.32	18	18.7
10		25	12	18.07	18.11	18.11	18.7
10		25	25	17.98	18.14	17.95	18.7
10		50	0	17.75	18.05	17.97	18.7
10	16QAM	1	0	17.87	17.88	17.98	18.7
10		1	25	17.98	17.89	17.99	18.7
10		1	49	17.94	18	17.94	18.7
10		25	0	18.12	18.06	18.01	18.7
10		25	12	18.07	18.1	18.06	18.7
10		25	25	18.18	18.09	18.18	18.7
10		50	0	18.07	18.18	18.12	18.7
10	64QAM	1	0	18.01	18.16	18.06	18.7
10		1	25	18	18.03	18.1	18.7
10		1	49	18.05	18.24	18.13	18.7
10		25	0	18.11	18.16	18.03	18.7
10		25	12	18.02	18.09	17.9	18.7
10		25	25	18.05	18.15	18.27	18.7
10		50	0	18.1	18.14	18.18	18.7
10	256QAM	1	0	18.15	18.27	17.98	18.7
10		1	25	18.01	18.24	18.07	18.7
10		1	49	18.28	18.2	18.1	18.7
10		25	0	17.98	18.06	18.1	18.7
10		25	12	18.02	18.02	18.16	18.7
10		25	25	18	18.05	18.22	18.7
10		50	0	18.16	18.08	18.16	18.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.13	18.22	18.26	18.7
5		1	12	18.26	18.18	18.18	18.7
5		1	24	18.1	18.06	17.99	18.7
5		12	0	18.01	18.26	18.03	18.7
5		12	7	18.07	18.06	18	18.7
5		12	13	18.05	18.12	17.94	18.7
5		25	0	17.76	18.05	17.88	18.7
5	16QAM	1	0	17.96	17.96	18	18.7
5		1	12	17.93	17.81	17.92	18.7
5		1	24	18.03	17.9	17.91	18.7
5		12	0	18.04	18.06	17.98	18.7
5		12	7	18.08	18.11	18.18	18.7
5		12	13	18.11	18.14	18.17	18.7
5		25	0	18.11	18.25	18.05	18.7
5	64QAM	1	0	18.08	18.14	18.05	18.7
5		1	12	18.05	18.08	18.12	18.7
5		1	24	18.06	18.14	18.22	18.7
5		12	0	18.05	18.16	18.03	18.7
5		12	7	18.1	18.04	17.9	18.7
5		12	13	18.1	18.14	18.21	18.7
5		25	0	18.14	18.18	18.24	18.7
5	256QAM	1	0	18.08	18.24	18.08	18.7
5		1	12	17.98	18.29	18.03	18.7
5		1	24	18.2	18.22	18.12	18.7
5		12	0	18.04	18.09	18.16	18.7
5		12	7	18.05	18.04	18.18	18.7
5		12	13	18.07	18.11	18.29	18.7
5		25	0	18.06	18.17	18.18	18.7
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.25	18.32	18.21	18.7
3		1	8	18.29	18.23	18.26	18.7
3		1	14	18.15	18.07	18.03	18.7
3		8	0	17.92	18.24	18.11	18.7
3		8	4	18.08	17.99	18.07	18.7
3		8	7	18.1	18.07	18.01	18.7
3		15	0	17.79	18.02	17.93	18.7
3	16QAM	1	0	17.95	17.96	18.04	18.7
3		1	8	17.96	17.9	17.95	18.7
3		1	14	17.96	17.93	17.97	18.7
3		8	0	18.07	17.95	18.02	18.7
3		8	4	18.12	18.09	18.16	18.7
3		8	7	18.14	18.17	18.19	18.7
3		15	0	18.06	18.27	18.08	18.7
3	64QAM	1	0	18.09	18.11	18.05	18.7
3		1	8	18.06	18.13	18.15	18.7
3		1	14	18.13	18.14	18.22	18.7
3		8	0	18.11	18.14	18.07	18.7
3		8	4	18.09	18.05	18	18.7
3		8	7	18.07	18.13	18.3	18.7
3		15	0	18	18.18	18.26	18.7
3	256QAM	1	0	18.12	18.16	18.09	18.7
3		1	8	17.93	18.06	18.11	18.7
3		1	14	18.19	18.15	18.14	18.7
3		8	0	17.98	18.15	18.09	18.7
3		8	4	18.04	18	18.05	18.7
3		8	7	18.05	18.03	18.18	18.7
3		15	0	18.05	18.14	18.16	18.7
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.23	18.27	18.21	18.7
1.4		1	3	18.29	18.14	18.27	18.7
1.4		1	5	18.1	18.05	18.08	18.7
1.4		3	0	17.89	18.23	18.09	18.7
1.4		3	1	18.13	18.1	18.04	18.7
1.4		3	3	17.99	18.19	17.99	18.7
1.4		6	0	17.8	18.07	17.96	18.7
1.4	16QAM	1	0	17.87	17.99	18	18.7
1.4		1	3	17.96	17.93	18	18.7
1.4		1	5	18.01	18.03	17.88	18.7
1.4		3	0	18.09	18.02	18.06	18.7
1.4		3	1	18.09	18.12	18.16	18.7
1.4		3	3	18.1	18.15	18.23	18.7
1.4		6	0	18.06	18.2	18.09	18.7
1.4	64QAM	1	0	18.12	18.13	18.06	18.7
1.4		1	3	18.04	18	18.19	18.7
1.4		1	5	18.17	18.25	18.19	18.7
1.4		3	0	18	18.22	17.99	18.7
1.4		3	1	18.03	18.06	18	18.7
1.4		3	3	18.1	18.13	18.2	18.7
1.4		6	0	18.07	18.21	18.18	18.7
1.4	256QAM	1	0	18.19	18.16	18.08	18.7
1.4		1	3	17.91	18.25	18.06	18.7
1.4		1	5	18.26	18.17	18.15	18.7
1.4		3	0	18.06	18.16	18.21	18.7
1.4		3	1	17.93	18.06	18.12	18.7
1.4		3	3	18.02	18.28	18.28	18.7
1.4		6	0	18.17	18.12	18.23	18.7

<LTE Band 38_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.38	18.48	18.4	18.7
20		1	49	18.22	18.37	18.19	18.7
20		1	99	18.13	18.3	18.13	18.7
20		50	0	18.17	18.29	18.09	18.7
20		50	24	18	18.22	18.06	18.7
20		50	50	18.11	18.29	18.03	18.7
20		100	0	18.02	18.15	18.04	18.7
20	16QAM	1	0	18.07	18.27	18.05	18.7
20		1	49	17.92	18.15	17.95	18.7
20		1	99	17.87	18.1	17.9	18.7
20		50	0	18.12	18.25	18.16	18.7
20		50	24	18.01	18.21	18.02	18.7
20		50	50	18.11	18.22	18.02	18.7
20		100	0	18.06	18.28	18.1	18.7
20	64QAM	1	0	18.01	18.24	18.14	18.7
20		1	49	18.11	18.28	18.05	18.7
20		1	99	18.15	18.32	18.19	18.7
20		50	0	18.14	18.32	18.12	18.7
20		50	24	18.12	18.32	18.13	18.7
20		50	50	18.19	18.37	18.22	18.7
20		100	0	18.03	18.28	18.07	18.7
20	256QAM	1	0	18.13	18.31	18.11	18.7
20		1	49	18.29	18.44	18.32	18.7
20		1	99	18.11	18.24	18.1	18.7
20		50	0	18.14	18.33	18.24	18.7
20		50	24	18.12	18.26	18.17	18.7
20		50	50	18.06	18.24	18.14	18.7
20		100	0	18.1	18.31	18.17	18.7
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.32	18.42	18.38	18.7
15		1	37	18.12	18.3	18.17	18.7
15		1	74	18.01	18.19	18.06	18.7
15		36	0	18.05	18.17	17.95	18.7
15		36	20	17.92	18.18	18.05	18.7
15		36	39	18.05	18.25	18.09	18.7
15		75	0	17.88	18.1	18.03	18.7
15	16QAM	1	0	17.99	18.21	17.94	18.7
15		1	37	17.85	18.08	17.81	18.7
15		1	74	17.76	18	17.83	18.7
15		36	0	18.05	18.24	18.11	18.7
15		36	20	17.89	18.16	18	18.7
15		36	39	18.03	18.11	17.99	18.7
15		75	0	18.04	18.17	18.08	18.7
15	64QAM	1	0	17.92	18.19	18.08	18.7
15		1	37	18.07	18.17	18	18.7
15		1	74	18.13	18.2	18.09	18.7
15		36	0	18.04	18.3	18.07	18.7
15		36	20	18.03	18.18	18.08	18.7
15		36	39	18.11	18.27	18.14	18.7
15		75	0	17.98	18.25	17.96	18.7
15	256QAM	1	0	18.01	18.25	18.04	18.7
15		1	37	18.17	18.33	18.22	18.7
15		1	74	18.04	18.1	18	18.7
15		36	0	18.06	18.32	18.09	18.7
15		36	20	18.1	18.12	18.14	18.7
15		36	39	17.93	18.2	18.06	18.7
15		75	0	18.08	18.29	18.09	18.7
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.36	18.41	18.26	18.7
10		1	25	18.2	18.29	18.1	18.7
10		1	49	17.99	18.2	17.99	18.7
10		25	0	18.14	18.16	17.95	18.7
10		25	12	17.86	18.15	17.96	18.7
10		25	25	17.99	18.21	18.1	18.7
10		50	0	18.01	18.09	17.9	18.7
10	16QAM	1	0	17.93	18.26	17.94	18.7
10		1	25	17.86	18.1	17.91	18.7
10		1	49	17.74	18.07	17.83	18.7
10		25	0	18.02	18.19	18.08	18.7
10		25	12	17.96	18.09	17.89	18.7
10		25	25	17.96	18.11	17.95	18.7
10		50	0	17.93	18.16	17.99	18.7
10	64QAM	1	0	17.89	18.14	18.09	18.7
10		1	25	18.04	18.25	18.01	18.7
10		1	49	18.06	18.28	18.07	18.7
10		25	0	18.06	18.17	18.02	18.7
10		25	12	18.04	18.3	18.06	18.7
10		25	25	18.07	18.34	18.2	18.7
10		50	0	17.99	18.15	18.02	18.7
10	256QAM	1	0	18.11	18.22	18.05	18.7
10		1	25	18.23	18.42	18.2	18.7
10		1	49	18.03	18.2	17.99	18.7
10		25	0	18.08	18.31	18.22	18.7
10		25	12	18.06	18.2	18.13	18.7
10		25	25	18	18.12	18.12	18.7
10		50	0	18.07	18.19	18.05	18.7
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.35	18.37	18.28	18.7
5		1	12	18.21	18.25	18.06	18.7
5		1	24	18.04	18.21	17.98	18.7
5		12	0	18.08	18.19	17.99	18.7
5		12	7	17.96	18.11	18.01	18.7
5		12	13	18.03	18.19	18.09	18.7
5		25	0	17.98	18.09	17.91	18.7
5	16QAM	1	0	18.04	18.18	17.91	18.7
5		1	12	17.84	18	17.91	18.7
5		1	24	17.8	18.04	17.83	18.7
5		12	0	17.99	18.17	18.08	18.7
5		12	7	17.92	18.14	17.88	18.7
5		12	13	18	18.13	17.92	18.7
5		25	0	18.02	18.19	18.08	18.7
5	64QAM	1	0	17.97	18.18	18.12	18.7
5		1	12	17.97	18.22	18.04	18.7
5		1	24	18	18.24	18.12	18.7
5		12	0	18.01	18.25	18.04	18.7
5		12	7	18.08	18.24	18.05	18.7
5		12	13	18.15	18.35	18.13	18.7
5		25	0	17.95	18.14	17.94	18.7
5	256QAM	1	0	18.06	18.27	17.98	18.7
5		1	12	18.18	18.39	18.27	18.7
5		1	24	18.06	18.13	18.08	18.7
5		12	0	18.09	18.23	18.22	18.7
5		12	7	18.05	18.13	18.02	18.7
5		12	13	17.92	18.22	18.09	18.7
5		25	0	18.03	18.21	18.14	18.7

<LTE Band 41_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.32	18.39	18.54	18.39	18.36	18.7
20		1	49	18.17	18.18	18.46	18.24	18.19	18.7
20		1	99	17.96	18.08	18.32	18.03	18.11	18.7
20		50	0	18.13	18.25	18.46	18.23	18.15	18.7
20		50	24	17.96	18.07	18.33	18.14	18.08	18.7
20		50	50	18.08	18.06	18.33	18.05	18.09	18.7
20		100	0	18.15	18.15	18.41	18.16	18.18	18.7
20	16QAM	1	0	17.92	18.11	18.27	18.1	17.99	18.7
20		1	49	17.96	18.01	18.22	17.97	17.91	18.7
20		1	99	17.79	17.96	18.13	17.92	17.91	18.7
20		50	0	17.94	18	18.2	18.01	17.89	18.7
20		50	24	17.96	18.07	18.24	17.96	17.94	18.7
20		50	50	17.99	17.99	18.23	18.02	17.96	18.7
20		100	0	18.15	18.21	18.38	18.18	18.07	18.7
20	64QAM	1	0	18.03	17.98	18.27	18.1	18.01	18.7
20		1	49	17.89	18.01	18.2	17.92	17.89	18.7
20		1	99	18.12	18.1	18.39	18.11	18.14	18.7
20		50	0	18.02	18.08	18.32	18.06	18.05	18.7
20		50	24	18.05	18.08	18.37	18.13	18.17	18.7
20		50	50	18.06	18.23	18.39	18.15	18.1	18.7
20		100	0	18.04	18.05	18.26	18.11	17.97	18.7
20	256QAM	1	0	18.16	18.23	18.44	18.15	18.16	18.7
20		1	49	18.12	18.26	18.44	18.25	18.11	18.7
20		1	99	17.92	18.03	18.27	18.01	18.01	18.7
20		50	0	18.21	18.25	18.46	18.22	18.16	18.7
20		50	24	18.1	18.13	18.34	18.05	18.05	18.7
20		50	50	17.99	18.07	18.3	18.03	18.04	18.7
20		100	0	18.04	18.09	18.37	18.14	18.13	18.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.23	18.33	18.52	18.32	18.21	18.7
15		1	37	18.09	18.16	18.38	18.18	18.1	18.7
15		1	74	17.93	18.04	18.2	17.9	18.03	18.7
15		36	0	17.99	18.11	18.33	18.17	18.02	18.7
15		36	20	17.86	18.04	18.27	18.06	17.97	18.7
15		36	39	18	18	18.2	18.03	17.95	18.7
15		75	0	18.05	18.14	18.37	18.14	18.1	18.7
15	16QAM	1	0	17.85	18.01	18.26	17.96	17.94	18.7
15		1	37	17.81	17.89	18.09	17.92	17.85	18.7
15		1	74	17.68	17.91	18.07	17.85	17.77	18.7
15		36	0	17.9	17.96	18.18	17.86	17.75	18.7
15		36	20	17.86	18.01	18.18	17.88	17.84	18.7
15		36	39	17.93	17.88	18.15	17.97	17.9	18.7
15		75	0	18.1	18.07	18.29	18.17	17.97	18.7
15	64QAM	1	0	17.94	17.85	18.14	18.02	17.93	18.7
15		1	37	17.91	17.96	18.05	17.78	17.8	18.7
15		1	74	18.07	18.03	18.37	18.03	18	18.7
15		36	0	17.97	18.02	18.31	17.95	17.92	18.7
15		36	20	18	17.98	18.29	18.02	18.08	18.7
15		36	39	17.95	18.12	18.34	18.05	18.03	18.7
15		75	0	17.92	17.96	18.16	18.09	17.96	18.7
15	256QAM	1	0	18.09	18.11	18.41	18.07	18.09	18.7
15		1	37	17.98	18.15	18.42	18.2	17.97	18.7
15		1	74	17.89	17.98	18.22	17.9	17.87	18.7
15		36	0	18.06	18.14	18.41	18.12	18.14	18.7
15		36	20	17.96	18.04	18.22	17.93	18.03	18.7
15		36	39	17.92	17.98	18.27	17.99	17.96	18.7
15		75	0	18.03	17.98	18.25	18.1	17.99	18.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.3	18.25	18.47	18.27	18.22	18.7
10		1	25	18.12	18.1	18.42	18.2	18.13	18.7
10		1	49	17.88	18.01	18.24	17.95	18.02	18.7
10		25	0	18	18.16	18.39	18.11	18.07	18.7
10		25	12	17.83	17.95	18.29	18.09	17.98	18.7
10		25	25	17.99	17.97	18.24	18.01	17.99	18.7
10		50	0	18.1	18.13	18.31	18.13	18.17	18.7
10	16QAM	1	0	17.88	18.03	18.22	17.97	17.92	18.7
10		1	25	17.89	17.86	18.21	17.95	17.77	18.7
10		1	49	17.66	17.86	18.05	17.82	17.88	18.7
10		25	0	17.9	17.92	18.15	17.91	17.77	18.7
10		25	12	17.88	18.03	18.22	17.87	17.82	18.7
10		25	25	17.91	17.96	18.17	17.89	17.82	18.7
10		50	0	18.1	18.19	18.35	18.04	17.99	18.7
10	64QAM	1	0	17.96	17.88	18.12	18.06	17.92	18.7
10		1	25	17.78	17.87	18.11	17.84	17.8	18.7
10		1	49	18.06	17.97	18.31	17.98	18.1	18.7
10		25	0	17.92	18.04	18.29	18	17.97	18.7
10		25	12	17.94	18.06	18.24	18.06	18.08	18.7
10		25	25	18.03	18.15	18.32	18.13	18	18.7
10		50	0	17.92	17.98	18.24	17.96	17.86	18.7
10	256QAM	1	0	18.11	18.12	18.32	18.03	18.12	18.7
10		1	25	18.07	18.13	18.31	18.23	18.08	18.7
10		1	49	17.78	17.96	18.21	17.95	17.94	18.7
10		25	0	18.07	18.23	18.35	18.09	18.04	18.7
10		25	12	18.03	17.98	18.24	17.94	17.9	18.7
10		25	25	17.98	18.03	18.22	17.9	17.9	18.7
10		50	0	18.02	18.05	18.26	18.07	18.12	18.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.19	18.29	18.45	18.32	18.28	18.7
5		1	12	18.08	18.14	18.36	18.1	18.12	18.7
5		1	24	17.89	17.98	18.28	17.95	18.03	18.7
5		12	0	18.09	18.11	18.41	18.1	18.12	18.7
5		12	7	17.89	17.99	18.19	18.02	17.99	18.7
5		12	13	18.03	18.05	18.26	17.94	18.06	18.7
5		25	0	18.08	18.06	18.39	18.06	18.15	18.7
5	16QAM	1	0	17.9	18.09	18.19	18.02	17.96	18.7
5		1	12	17.82	17.96	18.16	17.85	17.89	18.7
5		1	24	17.67	17.9	18.06	17.79	17.86	18.7
5		12	0	17.87	17.85	18.05	17.98	17.77	18.7
5		12	7	17.84	17.98	18.14	17.81	17.87	18.7
5		12	13	17.96	17.93	18.13	17.99	17.94	18.7
5		25	0	18.06	18.12	18.23	18.14	17.95	18.7
5	64QAM	1	0	17.93	17.95	18.22	17.98	17.96	18.7
5		1	12	17.87	17.98	18.08	17.83	17.81	18.7
5		1	24	18.1	17.97	18.31	17.96	18.08	18.7
5		12	0	17.89	18.01	18.19	18	17.91	18.7
5		12	7	18.01	17.97	18.24	18	18.12	18.7
5		12	13	17.92	18.12	18.27	18.02	18	18.7
5		25	0	18	18	18.25	18.09	17.95	18.7
5	256QAM	1	0	18.08	18.2	18.41	18.04	18.13	18.7
5		1	12	17.99	18.24	18.31	18.15	18.07	18.7
5		1	24	17.83	17.88	18.14	17.92	17.92	18.7
5		12	0	18.11	18.24	18.39	18.14	18.09	18.7
5		12	7	18.07	18.04	18.29	17.97	17.98	18.7
5		12	13	17.95	17.98	18.15	17.94	17.99	18.7
5		25	0	17.93	18.04	18.27	18.08	17.98	18.7

<LTE Band 42 (27Q)_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	16.43	16.57	16.41	16.7
20		1	49	16.3	16.49	16.28	16.7
20		1	99	16.12	16.38	16.18	16.7
20		50	0	16.23	16.48	16.22	16.7
20		50	24	16.14	16.29	16.05	16.7
20		50	50	16.06	16.28	16.07	16.7
20		100	0	16.15	16.4	16.12	16.7
20	16QAM	1	0	16.05	16.28	16.02	16.7
20		1	49	15.97	16.25	16.03	16.7
20		1	99	15.98	16.23	16.04	16.7
20		50	0	16.04	16.24	16.06	16.7
20		50	24	16.01	16.25	16.05	16.7
20		50	50	15.97	16.25	15.94	16.7
20		100	0	16.28	16.43	16.2	16.7
20	64QAM	1	0	16.16	16.35	16.14	16.7
20		1	49	16.16	16.34	16.05	16.7
20		1	99	16.23	16.39	16.09	16.7
20		50	0	16.17	16.39	16.18	16.7
20		50	24	16.06	16.26	15.98	16.7
20		50	50	16.16	16.39	16.09	16.7
20		100	0	16.09	16.33	16.12	16.7
20	256QAM	1	0	16.3	16.47	16.3	16.7
20		1	49	16.26	16.52	16.26	16.7
20		1	99	16.16	16.33	16.02	16.7
20		50	0	16.21	16.39	16.14	16.7
20		50	24	16.16	16.39	16.19	16.7
20		50	50	16.06	16.33	16.12	16.7
20		100	0	16.13	16.4	16.21	16.7
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	16.37	16.53	16.29	16.7
15		1	37	16.27	16.42	16.22	16.7
15		1	74	15.99	16.24	16.14	16.7
15		36	0	16.18	16.41	16.21	16.7
15		36	20	16.1	16.24	15.98	16.7
15		36	39	16.01	16.26	16.06	16.7
15		75	0	16.07	16.38	16.04	16.7
15	16QAM	1	0	15.97	16.14	15.9	16.7
15		1	37	15.91	16.18	15.95	16.7
15		1	74	15.93	16.13	16.02	16.7
15		36	0	15.9	16.19	16.04	16.7
15		36	20	15.92	16.2	15.96	16.7
15		36	39	15.92	16.21	15.82	16.7
15		75	0	16.13	16.39	16.09	16.7
15	64QAM	1	0	16.02	16.33	16	16.7
15		1	37	16.07	16.23	15.99	16.7
15		1	74	16.11	16.37	15.95	16.7
15		36	0	16.1	16.32	16.1	16.7
15		36	20	16.04	16.17	15.86	16.7
15		36	39	16.08	16.35	15.99	16.7
15		75	0	16.05	16.25	16.11	16.7
15	256QAM	1	0	16.23	16.45	16.23	16.7
15		1	37	16.17	16.38	16.21	16.7
15		1	74	16.02	16.18	15.97	16.7
15		36	0	16.18	16.29	16.04	16.7
15		36	20	16.08	16.29	16.16	16.7
15		36	39	15.97	16.19	15.98	16.7
15		75	0	16.09	16.35	16.1	16.7
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	16.3	16.48	16.32	16.7
10		1	25	16.26	16.39	16.13	16.7
10		1	49	16.1	16.35	16.15	16.7
10		25	0	16.16	16.39	16.12	16.7
10		25	12	16	16.17	15.9	16.7
10		25	25	16.03	16.23	16.03	16.7
10		50	0	16.08	16.35	16.03	16.7
10	16QAM	1	0	16.01	16.17	15.95	16.7
10		1	25	15.91	16.22	16.01	16.7
10		1	49	15.93	16.15	15.99	16.7
10		25	0	15.93	16.17	15.99	16.7
10		25	12	15.92	16.17	16.02	16.7
10		25	25	15.84	16.18	15.8	16.7
10		50	0	16.16	16.41	16.14	16.7
10	64QAM	1	0	16.11	16.3	16.08	16.7
10		1	25	16.09	16.32	16	16.7
10		1	49	16.09	16.34	16.07	16.7
10		25	0	16.14	16.37	16.1	16.7
10		25	12	16.02	16.21	15.84	16.7
10		25	25	16.09	16.33	16.01	16.7
10		50	0	16.06	16.29	16.03	16.7
10	256QAM	1	0	16.16	16.42	16.16	16.7
10		1	25	16.25	16.42	16.11	16.7
10		1	49	16.04	16.21	15.99	16.7
10		25	0	16.15	16.37	16.04	16.7
10		25	12	16.1	16.33	16.06	16.7
10		25	25	15.97	16.29	16.03	16.7
10		50	0	15.99	16.38	16.19	16.7
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	16.28	16.54	16.27	16.7
5		1	12	16.25	16.4	16.27	16.7
5		1	24	16.06	16.32	16.09	16.7
5		12	0	16.18	16.38	16.14	16.7
5		12	7	16.12	16.21	16.03	16.7
5		12	13	16.02	16.21	15.93	16.7
5		25	0	16.05	16.32	16.06	16.7
5	16QAM	1	0	15.95	16.17	15.97	16.7
5		1	12	15.87	16.14	15.91	16.7
5		1	24	15.89	16.15	15.99	16.7
5		12	0	16.03	16.23	15.92	16.7
5		12	7	15.95	16.14	15.97	16.7
5		12	13	15.89	16.2	15.88	16.7
5		25	0	16.14	16.3	16.07	16.7
5	64QAM	1	0	16.06	16.24	16.01	16.7
5		1	12	16.01	16.23	15.94	16.7
5		1	24	16.2	16.36	15.96	16.7
5		12	0	16.16	16.32	16.11	16.7
5		12	7	15.94	16.22	15.94	16.7
5		12	13	16.04	16.33	15.97	16.7
5		25	0	16.05	16.23	16.01	16.7
5	256QAM	1	0	16.17	16.39	16.19	16.7
5		1	12	16.12	16.42	16.14	16.7
5		1	24	16.02	16.2	15.9	16.7
5		12	0	16.19	16.36	16.1	16.7
5		12	7	16.11	16.37	16.15	16.7
5		12	13	16	16.29	16.1	16.7
5		25	0	16.02	16.39	16.12	16.7

<LTE Band 48_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	15.69	15.72	15.73	15.64	15.61	16.5
20		1	49	15.57	15.65	15.71	15.53	15.45	16.5
20		1	99	15.56	15.54	15.62	15.39	15.47	16.5
20		50	0	15.59	15.62	15.67	15.54	15.45	16.5
20		50	24	15.34	15.45	15.5	15.27	15.37	16.5
20		50	50	15.38	15.48	15.51	15.31	15.37	16.5
20		100	0	15.48	15.62	15.65	15.51	15.49	16.5
20	16QAM	1	0	15.38	15.44	15.48	15.38	15.23	16.5
20		1	49	15.23	15.29	15.38	15.28	15.23	16.5
20		1	99	15.28	15.33	15.39	15.27	15.15	16.5
20		50	0	15.49	15.47	15.54	15.39	15.34	16.5
20		50	24	15.41	15.43	15.56	15.39	15.31	16.5
20		50	50	15.44	15.38	15.52	15.39	15.34	16.5
20		100	0	15.58	15.58	15.71	15.61	15.55	16.5
20	64QAM	1	0	15.43	15.47	15.54	15.32	15.35	16.5
20		1	49	15.3	15.33	15.48	15.27	15.33	16.5
20		1	99	15.47	15.51	15.65	15.44	15.4	16.5
20		50	0	15.49	15.52	15.65	15.51	15.51	16.5
20		50	24	15.32	15.44	15.51	15.36	15.34	16.5
20		50	50	15.56	15.58	15.67	15.48	15.42	16.5
20		100	0	15.52	15.42	15.58	15.42	15.34	16.5
20	256QAM	1	0	15.58	15.59	15.65	15.53	15.42	16.5
20		1	49	15.55	15.59	15.66	15.52	15.48	16.5
20		1	99	15.47	15.56	15.65	15.52	15.5	16.5
20		50	0	15.65	15.62	15.71	15.54	15.46	16.5
20		50	24	15.4	15.46	15.58	15.41	15.42	16.5
20		50	50	15.42	15.54	15.59	15.39	15.36	16.5
20		100	0	15.57	15.57	15.67	15.54	15.52	16.5
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	15.57	15.69	15.6	15.59	15.51	16.5
15		1	37	15.53	15.51	15.69	15.4	15.38	16.5
15		1	74	15.48	15.51	15.55	15.28	15.39	16.5
15		36	0	15.51	15.51	15.63	15.45	15.34	16.5
15		36	20	15.23	15.33	15.42	15.2	15.36	16.5
15		36	39	15.25	15.42	15.44	15.28	15.28	16.5
15		75	0	15.39	15.48	15.59	15.4	15.38	16.5
15	16QAM	1	0	15.34	15.32	15.4	15.34	15.2	16.5
15		1	37	15.13	15.18	15.37	15.19	15.16	16.5
15		1	74	15.13	15.21	15.3	15.15	15.11	16.5
15		36	0	15.42	15.32	15.42	15.33	15.27	16.5
15		36	20	15.31	15.37	15.42	15.37	15.23	16.5
15		36	39	15.38	15.29	15.46	15.28	15.21	16.5
15		75	0	15.49	15.45	15.64	15.57	15.44	16.5
15	64QAM	1	0	15.29	15.39	15.42	15.2	15.33	16.5
15		1	37	15.17	15.2	15.41	15.23	15.23	16.5
15		1	74	15.38	15.46	15.59	15.31	15.27	16.5
15		36	0	15.38	15.46	15.56	15.49	15.47	16.5
15		36	20	15.2	15.37	15.49	15.25	15.3	16.5
15		36	39	15.44	15.45	15.65	15.37	15.41	16.5
15		75	0	15.5	15.38	15.5	15.32	15.25	16.5
15	256QAM	1	0	15.46	15.52	15.53	15.52	15.3	16.5
15		1	37	15.51	15.53	15.54	15.38	15.46	16.5
15		1	74	15.4	15.52	15.51	15.42	15.36	16.5
15		36	0	15.5	15.49	15.63	15.46	15.35	16.5
15		36	20	15.36	15.44	15.57	15.33	15.32	16.5
15		36	39	15.3	15.49	15.49	15.37	15.29	16.5
15		75	0	15.46	15.47	15.64	15.48	15.48	16.5
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	15.56	15.69	15.66	15.6	15.46	16.5
10		1	25	15.5	15.51	15.65	15.47	15.35	16.5
10		1	49	15.45	15.44	15.54	15.31	15.41	16.5
10		25	0	15.56	15.51	15.63	15.46	15.44	16.5
10		25	12	15.29	15.3	15.46	15.25	15.31	16.5
10		25	25	15.26	15.35	15.39	15.21	15.26	16.5
10		50	0	15.37	15.56	15.56	15.37	15.44	16.5
10	16QAM	1	0	15.27	15.3	15.34	15.25	15.21	16.5
10		1	25	15.13	15.25	15.32	15.15	15.09	16.5
10		1	49	15.23	15.24	15.31	15.19	15.02	16.5
10		25	0	15.38	15.43	15.4	15.28	15.26	16.5
10		25	12	15.34	15.33	15.5	15.33	15.27	16.5
10		25	25	15.3	15.3	15.49	15.3	15.25	16.5
10		50	0	15.43	15.57	15.59	15.47	15.47	16.5
10	64QAM	1	0	15.32	15.43	15.52	15.3	15.21	16.5
10		1	25	15.2	15.22	15.44	15.26	15.18	16.5
10		1	49	15.33	15.42	15.54	15.3	15.37	16.5
10		25	0	15.38	15.48	15.59	15.4	15.42	16.5
10		25	12	15.21	15.29	15.49	15.23	15.25	16.5
10		25	25	15.52	15.55	15.64	15.4	15.36	16.5
10		50	0	15.48	15.36	15.55	15.27	15.2	16.5
10	256QAM	1	0	15.48	15.57	15.51	15.39	15.41	16.5
10		1	25	15.41	15.47	15.6	15.37	15.41	16.5
10		1	49	15.4	15.43	15.58	15.47	15.41	16.5
10		25	0	15.59	15.58	15.64	15.51	15.41	16.5
10		25	12	15.33	15.43	15.55	15.32	15.4	16.5
10		25	25	15.32	15.49	15.55	15.31	15.22	16.5
10		50	0	15.45	15.55	15.62	15.39	15.37	16.5
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	15.65	15.65	15.71	15.55	15.55	16.5
5		1	12	15.55	15.63	15.62	15.38	15.4	16.5
5		1	24	15.52	15.44	15.58	15.33	15.42	16.5
5		12	0	15.46	15.59	15.54	15.4	15.32	16.5
5		12	7	15.26	15.42	15.37	15.25	15.23	16.5
5		12	13	15.35	15.34	15.45	15.18	15.23	16.5
5		25	0	15.35	15.6	15.55	15.41	15.37	16.5
5	16QAM	1	0	15.26	15.36	15.42	15.27	15.21	16.5
5		1	12	15.21	15.18	15.34	15.26	15.11	16.5
5		1	24	15.17	15.22	15.29	15.12	15.12	16.5
5		12	0	15.39	15.42	15.44	15.28	15.32	16.5
5		12	7	15.37	15.3	15.5	15.35	15.21	16.5
5		12	13	15.34	15.23	15.48	15.3	15.19	16.5
5		25	0	15.52	15.49	15.56	15.54	15.43	16.5
5	64QAM	1	0	15.31	15.41	15.52	15.31	15.23	16.5
5		1	12	15.29	15.3	15.46	15.24	15.27	16.5
5		1	24	15.39	15.43	15.56	15.4	15.33	16.5
5		12	0	15.43	15.44	15.5	15.47	15.37	16.5
5		12	7	15.23	15.33	15.37	15.32	15.24	16.5
5		12	13	15.43	15.48	15.64	15.34	15.36	16.5
5		25	0	15.44	15.34	15.56	15.41	15.28	16.5
5	256QAM	1	0	15.44	15.54	15.52	15.39	15.39	16.5
5		1	12	15.53	15.52	15.59	15.45	15.43	16.5
5		1	24	15.39	15.52	15.53	15.4	15.37	16.5
5		12	0	15.62	15.55	15.6	15.49	15.36	16.5
5		12	7	15.29	15.31	15.49	15.38	15.37	16.5
5		12	13	15.38	15.41	15.58	15.24	15.23	16.5
5		25	0	15.48	15.54	15.59	15.43	15.45	16.5

<LTE Band 2_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.68	16.76	16.71	17.5
20		1	49	16.75	16.69	16.68	17.5
20		1	99	16.66	16.68	16.7	17.5
20		50	0	16.55	16.68	16.55	17.5
20		50	24	16.65	16.62	16.51	17.5
20		50	50	16.52	16.6	16.52	17.5
20		100	0	16.37	16.63	16.33	17.5
20	16QAM	1	0	16.51	16.54	16.57	17.5
20		1	49	16.47	16.55	16.56	17.5
20		1	99	16.46	16.47	16.56	17.5
20		50	0	16.66	16.49	16.57	17.5
20		50	24	16.71	16.54	16.74	17.5
20		50	50	16.58	16.63	16.69	17.5
20		100	0	16.48	16.71	16.65	17.5
20	64QAM	1	0	16.55	16.58	16.72	17.5
20		1	49	16.57	16.67	16.6	17.5
20		1	99	16.65	16.7	16.69	17.5
20		50	0	16.72	16.63	16.67	17.5
20		50	24	16.55	16.64	16.51	17.5
20		50	50	16.5	16.76	16.77	17.5
20		100	0	16.69	16.6	16.73	17.5
20	256QAM	1	0	16.64	16.69	16.63	17.5
20		1	49	16.48	16.77	16.68	17.5
20		1	99	16.68	16.73	16.72	17.5
20		50	0	16.6	16.77	16.68	17.5
20		50	24	16.53	16.62	16.63	17.5
20		50	50	16.64	16.59	16.67	17.5
20		100	0	16.55	16.61	16.72	17.5
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.57	16.71	16.63	17.5
15		1	37	16.62	16.57	16.61	17.5
15		1	74	16.62	16.62	16.58	17.5
15		36	0	16.42	16.55	16.47	17.5
15		36	20	16.55	16.51	16.45	17.5
15		36	39	16.41	16.57	16.5	17.5
15		75	0	16.31	16.54	16.26	17.5
15	16QAM	1	0	16.48	16.41	16.54	17.5
15		1	37	16.42	16.53	16.51	17.5
15		1	74	16.31	16.45	16.5	17.5
15		36	0	16.54	16.47	16.52	17.5
15		36	20	16.64	16.39	16.6	17.5
15		36	39	16.44	16.55	16.62	17.5
15		75	0	16.36	16.63	16.63	17.5
15	64QAM	1	0	16.47	16.56	16.58	17.5
15		1	37	16.55	16.63	16.54	17.5
15		1	74	16.54	16.65	16.62	17.5
15		36	0	16.61	16.48	16.64	17.5
15		36	20	16.44	16.59	16.43	17.5
15		36	39	16.43	16.7	16.74	17.5
15		75	0	16.63	16.58	16.65	17.5
15	256QAM	1	0	16.54	16.59	16.5	17.5
15		1	37	16.44	16.63	16.62	17.5
15		1	74	16.62	16.69	16.6	17.5
15		36	0	16.48	16.74	16.57	17.5
15		36	20	16.39	16.52	16.58	17.5
15		36	39	16.62	16.64	16.61	17.5
15		75	0	16.53	16.58	16.59	17.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.65	16.62	16.66	17.5
10		1	25	16.67	16.67	16.65	17.5
10		1	49	16.53	16.57	16.62	17.5
10		25	0	16.4	16.64	16.48	17.5
10		25	12	16.32	16.5	16.4	17.5
10		25	25	16.49	16.56	16.48	17.5
10		50	0	16.26	16.54	16.31	17.5
10	16QAM	1	0	16.41	16.49	16.45	17.5
10		1	25	16.36	16.46	16.51	17.5
10		1	49	16.38	16.39	16.53	17.5
10		25	0	16.65	16.46	16.51	17.5
10		25	12	16.6	16.52	16.67	17.5
10		25	25	16.48	16.51	16.57	17.5
10		50	0	16.44	16.58	16.53	17.5
10	64QAM	1	0	16.4	16.47	16.59	17.5
10		1	25	16.45	16.61	16.58	17.5
10		1	49	16.61	16.68	16.6	17.5
10		25	0	16.61	16.59	16.6	17.5
10		25	12	16.45	16.57	16.4	17.5
10		25	25	16.36	16.69	16.62	17.5
10		50	0	16.57	16.57	16.65	17.5
10	256QAM	1	0	16.5	16.57	16.6	17.5
10		1	25	16.41	16.68	16.62	17.5
10		1	49	16.65	16.63	16.68	17.5
10		25	0	16.54	16.75	16.57	17.5
10		25	12	16.39	16.48	16.53	17.5
10		25	25	16.59	16.54	16.63	17.5
10		50	0	16.48	16.54	16.66	17.5
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.64	16.69	16.65	17.5
5		1	12	16.62	16.64	16.66	17.5
5		1	24	16.64	16.59	16.55	17.5
5		12	0	16.52	16.64	16.52	17.5
5		12	7	16.5	16.5	16.39	17.5
5		12	13	16.48	16.45	16.45	17.5
5		25	0	16.27	16.5	16.31	17.5
5	16QAM	1	0	16.48	16.51	16.54	17.5
5		1	12	16.38	16.4	16.55	17.5
5		1	24	16.43	16.35	16.43	17.5
5		12	0	16.64	16.4	16.51	17.5
5		12	7	16.61	16.45	16.72	17.5
5		12	13	16.56	16.55	16.64	17.5
5		25	0	16.46	16.59	16.52	17.5
5	64QAM	1	0	16.45	16.45	16.68	17.5
5		1	12	16.48	16.54	16.59	17.5
5		1	24	16.55	16.55	16.64	17.5
5		12	0	16.68	16.53	16.57	17.5
5		12	7	16.41	16.52	16.48	17.5
5		12	13	16.35	16.71	16.75	17.5
5		25	0	16.57	16.48	16.7	17.5
5	256QAM	1	0	16.52	16.56	16.56	17.5
5		1	12	16.43	16.71	16.65	17.5
5		1	24	16.64	16.7	16.69	17.5
5		12	0	16.49	16.65	16.67	17.5
5		12	7	16.52	16.47	16.55	17.5
5		12	13	16.52	16.65	16.57	17.5
5		25	0	16.44	16.51	16.71	17.5
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.67	16.73	16.67	17.5
3		1	8	16.74	16.55	16.54	17.5
3		1	14	16.53	16.62	16.66	17.5
3		8	0	16.41	16.6	16.49	17.5
3		8	4	16.55	16.59	16.43	17.5
3		8	7	16.4	16.58	16.41	17.5
3		15	0	16.29	16.54	16.21	17.5
3	16QAM	1	0	16.42	16.47	16.44	17.5
3		1	8	16.41	16.49	16.44	17.5
3		1	14	16.43	16.4	16.53	17.5
3		8	0	16.54	16.47	16.52	17.5
3		8	4	16.6	16.5	16.67	17.5
3		8	7	16.46	16.59	16.59	17.5
3		15	0	16.44	16.6	16.53	17.5
3	64QAM	1	0	16.48	16.45	16.63	17.5
3		1	8	16.5	16.61	16.48	17.5
3		1	14	16.5	16.6	16.64	17.5
3		8	0	16.71	16.58	16.54	17.5
3		8	4	16.43	16.6	16.48	17.5
3		8	7	16.39	16.65	16.75	17.5
3		15	0	16.65	16.54	16.66	17.5
3	256QAM	1	0	16.5	16.54	16.49	17.5
3		1	8	16.39	16.71	16.56	17.5
3		1	14	16.64	16.62	16.6	17.5
3		8	0	16.47	16.71	16.55	17.5
3		8	4	16.43	16.59	16.48	17.5
3		8	7	16.55	16.65	16.61	17.5
3		15	0	16.49	16.52	16.64	17.5
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.65	16.71	16.69	17.5
1.4		1	3	16.62	16.66	16.67	17.5
1.4		1	5	16.61	16.55	16.68	17.5
1.4		3	0	16.47	16.64	16.5	17.5
1.4		3	1	16.55	16.52	16.4	17.5
1.4		3	3	16.43	16.47	16.4	17.5
1.4		6	0	16.23	16.52	16.29	17.5
1.4	16QAM	1	0	16.39	16.42	16.44	17.5
1.4		1	3	16.38	16.45	16.42	17.5
1.4		1	5	16.44	16.42	16.46	17.5
1.4		3	0	16.53	16.45	16.44	17.5
1.4		3	1	16.64	16.4	16.73	17.5
1.4		3	3	16.44	16.54	16.62	17.5
1.4		6	0	16.46	16.66	16.54	17.5
1.4	64QAM	1	0	16.44	16.45	16.63	17.5
1.4		1	3	16.49	16.55	16.54	17.5
1.4		1	5	16.58	16.59	16.59	17.5
1.4		3	0	16.6	16.5	16.53	17.5
1.4		3	1	16.42	16.55	16.44	17.5
1.4		3	3	16.36	16.69	16.65	17.5
1.4		6	0	16.62	16.49	16.58	17.5
1.4	256QAM	1	0	16.6	16.58	16.49	17.5
1.4		1	3	16.39	16.65	16.6	17.5
1.4		1	5	16.57	16.61	16.64	17.5
1.4		3	0	16.51	16.74	16.55	17.5
1.4		3	1	16.39	16.6	16.59	17.5
1.4		3	3	16.62	16.63	16.54	17.5
1.4		6	0	16.48	16.55	16.66	17.5

<LTE Band 4_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.13	17.16	17.18	18
20		1	49	17.09	17.12	17.21	18
20		1	99	17.13	17.13	17.04	18
20		50	0	16.9	17.09	16.95	18
20		50	24	16.99	17.01	16.9	18
20		50	50	16.98	17.07	16.9	18
20		100	0	16.83	16.98	16.87	18
20	16QAM	1	0	16.94	17.02	17	18
20		1	49	16.98	16.85	16.94	18
20		1	99	16.93	16.87	16.97	18
20		50	0	17.07	16.93	16.94	18
20		50	24	17.06	17.02	17.03	18
20		50	50	17	17.04	17.12	18
20		100	0	16.98	17.16	17.06	18
20	64QAM	1	0	17.07	17.08	17.05	18
20		1	49	16.97	17.07	17.16	18
20		1	99	17.07	17.15	17.14	18
20		50	0	17.12	17.16	17.08	18
20		50	24	17.05	17.03	16.9	18
20		50	50	17.03	17.06	17.08	18
20		100	0	17.02	17.13	17.08	18
20	256QAM	1	0	17.01	17.21	16.97	18
20		1	49	16.99	17.16	17.07	18
20		1	99	17.09	17.12	16.98	18
20		50	0	17	17.2	17.09	18
20		50	24	16.93	17.12	17.03	18
20		50	50	16.93	17.09	17.08	18
20		100	0	16.98	17.08	17.11	18
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.01	17.07	17.16	18
15		1	37	17.01	17.09	17.13	18
15		1	74	17.12	17.1	16.98	18
15		36	0	16.8	16.93	16.8	18
15		36	20	16.87	16.93	16.82	18
15		36	39	16.94	16.96	16.91	18
15		75	0	16.78	16.87	16.84	18
15	16QAM	1	0	16.93	16.97	16.85	18
15		1	37	16.85	16.84	16.86	18
15		1	74	16.88	16.77	16.95	18
15		36	0	16.93	16.85	16.81	18
15		36	20	17.01	16.9	16.97	18
15		36	39	16.93	16.95	17	18
15		75	0	16.92	17.08	16.96	18
15	64QAM	1	0	16.95	17.03	17.03	18
15		1	37	16.91	16.98	17.11	18
15		1	74	16.99	17.1	17.04	18
15		36	0	17.1	17.03	17	18
15		36	20	17.02	16.92	16.82	18
15		36	39	16.99	16.95	17.05	18
15		75	0	16.92	17.12	16.98	18
15	256QAM	1	0	16.96	17.06	16.96	18
15		1	37	16.88	17.05	17.03	18
15		1	74	17.05	16.99	16.88	18
15		36	0	16.91	17.18	17.07	18
15		36	20	16.91	17.01	16.96	18
15		36	39	16.85	16.99	17.03	18
15		75	0	16.91	17.04	17.01	18
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.09	17.1	17.04	18
10		1	25	17.03	17.09	17.2	18
10		1	49	17.11	17.01	16.95	18
10		25	0	16.91	16.95	16.83	18
10		25	12	16.93	16.88	16.79	18
10		25	25	16.96	17.01	16.8	18
10		50	0	16.69	16.97	16.74	18
10	16QAM	1	0	16.91	16.89	16.95	18
10		1	25	16.94	16.73	16.92	18
10		1	49	16.84	16.76	16.85	18
10		25	0	16.95	16.95	16.81	18
10		25	12	16.94	16.91	17.01	18
10		25	25	16.91	16.98	17.02	18
10		50	0	16.88	17.13	16.98	18
10	64QAM	1	0	16.94	17.03	17.01	18
10		1	25	16.85	17.01	17.12	18
10		1	49	16.96	17	17.11	18
10		25	0	17.1	17.01	17.05	18
10		25	12	17	16.92	16.79	18
10		25	25	16.95	16.97	17	18
10		50	0	16.88	17.09	17.07	18
10	256QAM	1	0	16.88	17.13	16.89	18
10		1	25	16.84	17.05	17	18
10		1	49	17.06	16.97	16.83	18
10		25	0	16.88	17.07	17.06	18
10		25	12	16.86	17.1	16.99	18
10		25	25	16.89	17.01	16.99	18
10		50	0	16.83	16.95	16.98	18
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17	17.12	17.04	18
5		1	12	16.96	17	17.13	18
5		1	24	17.11	17.04	17	18
5		12	0	16.87	16.98	16.88	18
5		12	7	16.9	16.96	16.78	18
5		12	13	16.87	16.99	16.78	18
5		25	0	16.81	16.94	16.77	18
5	16QAM	1	0	16.91	16.88	16.96	18
5		1	12	16.92	16.84	16.89	18
5		1	24	16.79	16.85	16.9	18
5		12	0	17.05	16.87	16.85	18
5		12	7	16.94	16.94	16.95	18
5		12	13	16.99	17	17.01	18
5		25	0	16.84	17.1	16.95	18
5	64QAM	1	0	17	17.04	16.96	18
5		1	12	16.88	16.93	17.12	18
5		1	24	16.93	17.1	17	18
5		12	0	17.09	17.11	17.03	18
5		12	7	17.03	16.95	16.78	18
5		12	13	16.89	16.99	17.01	18
5		25	0	16.9	17.04	16.97	18
5	256QAM	1	0	16.92	17.09	16.93	18
5		1	12	16.87	17.13	17.02	18
5		1	24	16.98	16.98	16.91	18
5		12	0	16.99	17.06	16.97	18
5		12	7	16.82	17.1	16.95	18
5		12	13	16.89	17.07	16.96	18
5		25	0	16.92	17.04	16.99	18
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.04	17.04	17.12	18
3		1	8	17.02	17.01	17.1	18
3		1	14	17.09	17.08	16.91	18
3		8	0	16.85	16.92	16.89	18
3		8	4	16.84	16.99	16.81	18
3		8	7	16.9	16.92	16.77	18
3		15	0	16.8	16.9	16.79	18
3	16QAM	1	0	16.84	16.99	16.96	18
3		1	8	16.94	16.84	16.99	18
3		1	14	16.79	16.78	16.92	18
3		8	0	17	16.92	16.92	18
3		8	4	17.04	16.95	16.89	18
3		8	7	16.96	16.93	17.09	18
3		15	0	16.85	17.04	17.03	18
3	64QAM	1	0	16.98	16.96	16.91	18
3		1	8	16.89	17.01	17.01	18
3		1	14	16.97	17.05	17.04	18
3		8	0	16.99	17.02	16.97	18
3		8	4	16.94	17	16.88	18
3		8	7	16.97	17.03	16.97	18
3		15	0	16.96	17.04	16.93	18
3	256QAM	1	0	16.96	17.07	16.84	18
3		1	8	16.86	17.02	17.04	18
3		1	14	16.97	17.05	16.84	18
3		8	0	16.97	17.16	17.04	18
3		8	4	16.81	17.04	16.9	18
3		8	7	16.82	16.97	16.88	18
3		15	0	16.97	17	16.97	18
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.04	17.05	17.09	18
1.4		1	3	17.02	16.99	17.13	18
1.4		1	5	17.09	17.12	16.95	18
1.4		3	0	16.76	17.02	16.86	18
1.4		3	1	16.93	16.99	16.88	18
1.4		3	3	16.91	17.03	16.81	18
1.4		6	0	16.75	16.94	16.75	18
1.4	16QAM	1	0	16.86	16.89	16.88	18
1.4		1	3	16.93	16.83	16.79	18
1.4		1	5	16.91	16.74	16.92	18
1.4		3	0	17.02	16.79	16.88	18
1.4		3	1	16.91	16.98	17	18
1.4		3	3	16.98	16.92	17	18
1.4		6	0	16.93	17.09	17.01	18
1.4	64QAM	1	0	16.98	17.01	17.02	18
1.4		1	3	16.93	17.01	17.05	18
1.4		1	5	16.92	17.12	17.04	18
1.4		3	0	17.04	17.03	17.07	18
1.4		3	1	16.98	17.01	16.89	18
1.4		3	3	16.95	16.93	17.04	18
1.4		6	0	16.99	17.06	16.93	18
1.4	256QAM	1	0	16.94	17.07	16.86	18
1.4		1	3	16.76	17.08	17.06	18
1.4		1	5	16.96	17.02	16.94	18
1.4		3	0	16.88	17.12	17.01	18
1.4		3	1	16.84	17	16.97	18
1.4		3	3	16.79	17.03	17.03	18
1.4		6	0	16.93	16.98	17.02	18

<LTE Band 7_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.71	15.98	15.79	16.5
20		1	49	15.69	15.9	15.78	16.5
20		1	99	15.7	15.83	15.72	16.5
20		50	0	15.72	15.81	15.7	16.5
20		50	24	15.65	15.62	15.65	16.5
20		50	50	15.68	15.79	15.55	16.5
20		100	0	15.51	15.61	15.52	16.5
20	16QAM	1	0	15.67	15.73	15.67	16.5
20		1	49	15.58	15.65	15.69	16.5
20		1	99	15.54	15.53	15.67	16.5
20		50	0	15.66	15.6	15.7	16.5
20		50	24	15.68	15.66	15.83	16.5
20		50	50	15.69	15.76	15.72	16.5
20		100	0	15.67	15.75	15.76	16.5
20	64QAM	1	0	15.7	15.76	15.85	16.5
20		1	49	15.75	15.72	15.75	16.5
20		1	99	15.79	15.85	15.69	16.5
20		50	0	15.78	15.84	15.66	16.5
20		50	24	15.75	15.74	15.63	16.5
20		50	50	15.61	15.66	15.76	16.5
20		100	0	15.65	15.72	15.82	16.5
20	256QAM	1	0	15.62	15.68	15.73	16.5
20		1	49	15.66	15.69	15.63	16.5
20		1	99	15.71	15.7	15.78	16.5
20		50	0	15.74	15.82	15.78	16.5
20		50	24	15.55	15.73	15.81	16.5
20		50	50	15.7	15.75	15.73	16.5
20		100	0	15.7	15.74	15.71	16.5
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.69	15.85	15.68	16.5
15		1	37	15.74	15.85	15.64	16.5
15		1	74	15.63	15.8	15.63	16.5
15		36	0	15.7	15.73	15.65	16.5
15		36	20	15.7	15.51	15.58	16.5
15		36	39	15.59	15.67	15.4	16.5
15		75	0	15.41	15.49	15.5	16.5
15	16QAM	1	0	15.54	15.6	15.62	16.5
15		1	37	15.43	15.51	15.64	16.5
15		1	74	15.42	15.4	15.61	16.5
15		36	0	15.55	15.47	15.65	16.5

<LTE Band 25_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.76	16.81	16.69	17.5
20		1	49	16.67	16.72	16.62	17.5
20		1	99	16.69	16.62	16.64	17.5
20		50	0	16.46	16.74	16.51	17.5
20		50	24	16.41	16.52	16.49	17.5
20		50	50	16.43	16.55	16.48	17.5
20		100	0	16.38	16.48	16.35	17.5
20	16QAM	1	0	16.44	16.51	16.68	17.5
20		1	49	16.5	16.55	16.51	17.5
20		1	99	16.52	16.5	16.59	17.5
20		50	0	16.54	16.54	16.51	17.5
20		50	24	16.68	16.64	16.7	17.5
20		50	50	16.64	16.66	16.69	17.5
20		100	0	16.61	16.65	16.61	17.5
20	64QAM	1	0	16.55	16.56	16.61	17.5
20		1	49	16.53	16.59	16.61	17.5
20		1	99	16.62	16.72	16.64	17.5
20		50	0	16.59	16.61	16.6	17.5
20		50	24	16.56	16.66	16.51	17.5
20		50	50	16.57	16.76	16.76	17.5
20		100	0	16.59	16.68	16.71	17.5
20	256QAM	1	0	16.67	16.73	16.66	17.5
20		1	49	16.54	16.85	16.64	17.5
20		1	99	16.67	16.71	16.62	17.5
20		50	0	16.56	16.75	16.57	17.5
20		50	24	16.58	16.72	16.69	17.5
20		50	50	16.58	16.59	16.61	17.5
20		100	0	16.53	16.71	16.58	17.5
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.72	16.63	16.65	17.5
15		1	37	16.62	16.77	16.71	17.5
15		1	74	16.64	16.52	16.68	17.5
15		36	0	16.31	16.73	16.36	17.5
15		36	20	16.46	16.46	16.38	17.5
15		36	39	16.47	16.5	16.32	17.5
15		75	0	16.34	16.45	16.3	17.5
15	16QAM	1	0	16.34	16.41	16.66	17.5
15		1	37	16.47	16.41	16.43	17.5
15		1	74	16.48	16.43	16.53	17.5
15		36	0	16.4	16.51	16.38	17.5
15		36	20	16.54	16.58	16.65	17.5
15		36	39	16.58	16.53	16.64	17.5
15		75	0	16.56	16.54	16.51	17.5
15	64QAM	1	0	16.47	16.54	16.5	17.5
15		1	37	16.4	16.5	16.51	17.5
15		1	74	16.56	16.59	16.52	17.5
15		36	0	16.46	16.46	16.47	17.5
15		36	20	16.55	16.54	16.39	17.5
15		36	39	16.45	16.62	16.64	17.5
15		75	0	16.48	16.62	16.65	17.5
15	256QAM	1	0	16.59	16.65	16.64	17.5
15		1	37	16.48	16.79	16.63	17.5
15		1	74	16.57	16.59	16.54	17.5
15		36	0	16.54	16.63	16.49	17.5
15		36	20	16.52	16.69	16.65	17.5
15		36	39	16.47	16.45	16.65	17.5
15		75	0	16.44	16.66	16.5	17.5
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1853	1880	1912	
10	QPSK	1	0	16.61	16.66	16.54	17.5
10		1	25	16.58	16.65	16.68	17.5
10		1	49	16.56	16.57	16.66	17.5
10		25	0	16.38	16.61	16.39	17.5
10		25	12	16.48	16.38	16.37	17.5
10		25	25	16.49	16.5	16.32	17.5
10		50	0	16.32	16.34	16.21	17.5
10	16QAM	1	0	16.42	16.37	16.59	17.5
10		1	25	16.42	16.49	16.38	17.5
10		1	49	16.42	16.42	16.47	17.5
10		25	0	16.51	16.41	16.39	17.5
10		25	12	16.59	16.61	16.67	17.5
10		25	25	16.6	16.62	16.59	17.5
10		50	0	16.56	16.59	16.6	17.5
10	64QAM	1	0	16.42	16.47	16.47	17.5
10		1	25	16.38	16.56	16.51	17.5
10		1	49	16.48	16.7	16.58	17.5
10		25	0	16.44	16.5	16.58	17.5
10		25	12	16.5	16.53	16.4	17.5
10		25	25	16.47	16.61	16.66	17.5
10		50	0	16.57	16.64	16.6	17.5
10	256QAM	1	0	16.64	16.66	16.62	17.5
10		1	25	16.5	16.74	16.54	17.5
10		1	49	16.63	16.61	16.57	17.5
10		25	0	16.5	16.66	16.54	17.5
10		25	12	16.52	16.65	16.57	17.5
10		25	25	16.56	16.52	16.59	17.5
10		50	0	16.41	16.59	16.49	17.5
Channel				26040	26340	26965	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	16.72	16.7	16.68	17.5
5		1	12	16.59	16.76	16.69	17.5
5		1	24	16.55	16.58	16.59	17.5
5		12	0	16.37	16.62	16.47	17.5
5		12	7	16.41	16.4	16.48	17.5
5		12	13	16.45	16.49	16.35	17.5
5		25	0	16.3	16.44	16.21	17.5
5	16QAM	1	0	16.42	16.45	16.65	17.5
5		1	12	16.44	16.47	16.38	17.5
5		1	24	16.46	16.43	16.46	17.5
5		12	0	16.49	16.48	16.42	17.5
5		12	7	16.66	16.52	16.66	17.5
5		12	13	16.58	16.55	16.65	17.5
5		25	0	16.49	16.61	16.56	17.5
5	64QAM	1	0	16.49	16.44	16.57	17.5
5		1	12	16.46	16.54	16.51	17.5
5		1	24	16.47	16.63	16.59	17.5
5		12	0	16.46	16.49	16.3	17.5
5		12	7	16.42	16.47	16.47	17.5
5		12	13	16.47	16.73	16.66	17.5
5		25	0	16.49	16.64	16.63	17.5
5	256QAM	1	0	16.56	16.66	16.53	17.5
5		1	12	16.39	16.63	16.57	17.5
5		1	24	16.55	16.62	16.5	17.5
5		12	0	16.47	16.7	16.53	17.5
5		12	7	16.48	16.69	16.66	17.5
5		12	13	16.55	16.5	16.66	17.5
5		25	0	16.38	16.59	16.49	17.5
Channel				26015	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	16.73	16.65	16.57	17.5
3		1	8	16.65	16.69	16.63	17.5
3		1	14	16.6	16.57	16.66	17.5
3		8	0	16.42	16.68	16.39	17.5
3		8	4	16.41	16.44	16.38	17.5
3		8	7	16.5	16.44	16.35	17.5
3		15	0	16.33	16.42	16.24	17.5
3	16QAM	1	0	16.4	16.38	16.66	17.5
3		1	8	16.36	16.51	16.39	17.5
3		1	14	16.37	16.38	16.53	17.5
3		8	0	16.46	16.5	16.46	17.5
3		8	4	16.66	16.55	16.63	17.5
3		8	7	16.6	16.59	16.65	17.5
3		15	0	16.54	16.56	16.47	17.5
3	64QAM	1	0	16.54	16.54	16.49	17.5
3		1	8	16.38	16.56	16.5	17.5
3		1	14	16.47	16.62	16.52	17.5
3		8	0	16.5	16.53	16.45	17.5
3		8	4	16.46	16.62	16.47	17.5
3		8	7	16.49	16.63	16.72	17.5
3		15	0	16.53	16.62	16.61	17.5
3	256QAM	1	0	16.53	16.64	16.57	17.5
3		1	8	16.46	16.62	16.54	17.5
3		1	14	16.62	16.66	16.55	17.5
3		8	0	16.5	16.73	16.47	17.5
3		8	4	16.51	16.6	16.62	17.5
3		8	7	16.46	16.57	16.53	17.5
3		15	0	16.46	16.66	16.45	17.5
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	16.65	16.6	16.6	17.5
1.4		1	3	16.63	16.73	16.75	17.5
1.4		1	5	16.56	16.49	16.67	17.5
1.4		3	0	16.41	16.64	16.43	17.5
1.4		3	1	16.42	16.48	16.42	17.5
1.4		3	3	16.52	16.52	16.33	17.5
1.4		6	0	16.32	16.36	16.25	17.5
1.4	16QAM	1	0	16.42	16.44	16.56	17.5
1.4		1	3	16.37	16.52	16.41	17.5
1.4		1	5	16.41	16.46	16.52	17.5
1.4		3	0	16.5	16.49	16.37	17.5
1.4		3	1	16.64	16.54	16.57	17.5
1.4		3	3	16.57	16.52	16.67	17.5
1.4		6	0	16.5	16.57	16.57	17.5
1.4	64QAM	1	0	16.49	16.47	16.57	17.5
1.4		1	3	16.42	16.56	16.55	17.5
1.4		1	5	16.54	16.69	16.59	17.5
1.4		3	0	16.45	16.52	16.56	17.5
1.4		3	1	16.53	16.58	16.49	17.5
1.4		3	3	16.49	16.62	16.66	17.5
1.4		6	0	16.57	16.63	16.7	17.5
1.4	256QAM	1	0	16.58	16.7	16.51	17.5
1.4		1	3	16.49	16.8	16.51	17.5
1.4		1	5	16.61	16.64	16.57	17.5
1.4		3	0	16.5	16.63	16.46	17.5
1.4		3	1	16.43	16.65	16.62	17.5
1.4		3	3	16.44	16.49	16.54	17.5
1.4		6	0	16.42	16.57	16.49	17.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.98	17.18	17.05	18
20		1	49	16.86	16.99	16.96	18
20		1	99	16.94	17.09	16.89	18
20		50	0	16.87	17.04	16.94	18
20		50	24	16.83	16.93	16.88	18
20		50	50	16.91	16.87	16.81	18
20		100	0	16.79	16.8	16.67	18
20	16QAM	1	0	16.84	16.88	16.93	18
20		1	49	16.91	16.82	16.83	18
20		1	99	16.78	16.77	16.89	18
20		50	0	16.91	16.9	16.83	18
20		50	24	16.99	16.95	16.98	18
20		50	50	16.99	16.85	17.02	18
20		100	0	16.87	16.95	16.9	18
20	64QAM	1	0	16.95	16.89	17.04	18
20		1	49	16.87	16.83	16.99	18
20		1	99	16.93	16.99	17.02	18
20		50	0	16.92	16.95	16.97	18
20		50	24	16.85	16.86	16.91	18
20		50	50	16.78	16.87	16.87	18
20		100	0	16.96	17	16.93	18
20	256QAM	1	0	16.84	17.02	16.93	18
20		1	49	16.75	17.1	16.88	18
20		1	99	16.95	16.99	16.96	18
20		50	0	16.91	17.01	16.86	18
20		50	24	16.9	17.02	16.94	18
20		50	50	16.86	16.9	16.92	18
20		100	0	16.89	17	16.88	18
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.9	17.12	16.98	18
15		1	37	16.97	16.96	17.01	18
15		1	74	16.82	16.99	16.79	18
15		36	0	16.78	16.96	16.84	18
15		36	20	16.77	16.91	16.77	18
15		36	39	16.79	16.74	16.66	18
15		75	0	16.68	16.87	16.55	18
15	16QAM	1	0	16.82	16.74	16.83	18
15		1	37	16.77	16.75	16.77	18
15		1	74	16.64	16.74	16.79	18
15		36	0	16.82	16.87	16.72	18
15		36	20	16.96	16.91	16.9	18
15		36	39	16.91	16.74	16.91	18
15		75	0	16.79	16.88	16.8	18
15	64QAM	1	0	16.93	16.81	17.03	18
15		1	37	16.75	16.71	16.85	18
15		1	74	16.82	16.93	16.96	18
15		36	0	16.77	16.9	16.82	18
15		36	20	16.77	16.83	16.86	18
15		36	39	16.63	16.95	16.9	18
15		75	0	16.82	16.88	16.85	18
15	256QAM	1	0	16.92	16.97	16.9	18
15		1	37	16.71	17.03	16.74	18
15		1	74	16.86	16.91	16.93	18
15		36	0	16.89	16.93	16.72	18
15		36	20	16.81	16.96	16.81	18
15		36	39	16.94	16.87	16.88	18
15		75	0	16.84	16.96	16.79	18
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.9	17.06	16.89	18
10		1	25	16.96	16.86	16.97	18
10		1	49	16.82	17.02	16.88	18
10		25	0	16.73	16.99	16.91	18
10		25	12	16.8	16.87	16.79	18
10		25	25	16.82	16.76	16.69	18
10		50	0	16.65	16.73	16.61	18
10	16QAM	1	0	16.8	16.75	16.88	18
10		1	25	16.71	16.68	16.79	18
10		1	49	16.63	16.65	16.86	18
10		25	0	16.8	16.88	16.69	18
10		25	12	16.91	16.93	16.84	18
10		25	25	16.9	16.81	16.96	18
10		50	0	16.86	16.96	16.77	18
10	64QAM	1	0	16.83	16.79	16.94	18
10		1	25	16.81	16.81	16.9	18
10		1	49	16.84	16.98	16.89	18
10		25	0	16.83	16.84	16.84	18
10		25	12	16.74	16.81	16.79	18
10		25	25	16.73	16.92	16.89	18
10		50	0	16.83	16.88	16.87	18
10	256QAM	1	0	16.78	16.89	16.88	18
10		1	25	16.6	17.03	16.81	18
10		1	49	16.8	16.85	16.87	18
10		25	0	16.79	16.98	16.79	18
10		25	12	16.87	16.89	16.88	18
10		25	25	16.82	16.81	16.85	18
10		50	0	16.8	16.95	16.81	18
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.85	17.11	16.94	18
5		1	12	17.02	16.88	17.05	18
5		1	24	16.91	17	16.85	18
5		12	0	16.75	17.01	16.79	18
5		12	7	16.8	16.79	16.83	18
5		12	13	16.77	16.84	16.68	18
5		25	0	16.67	16.74	16.62	18
5	16QAM	1	0	16.75	16.95	16.91	18
5		1	12	16.72	16.7	16.71	18
5		1	24	16.67	16.65	16.74	18
5		12	0	16.9	16.88	16.71	18
5		12	7	16.92	16.8	16.96	18
5		12	13	16.93	16.79	16.96	18
5		25	0	16.73	16.81	16.78	18
5	64QAM	1	0	16.82	16.84	16.91	18
5		1	12	16.83	16.77	16.88	18
5		1	24	16.86	16.98	16.89	18
5		12	0	16.77	16.91	16.93	18
5		12	7	16.78	16.72	16.83	18
5		12	13	16.77	16.85	16.89	18
5		25	0	16.91	16.92	16.81	18
5	256QAM	1	0	16.75	16.88	16.89	18
5		1	12	16.84	16.87	16.76	18
5		1	24	16.91	16.87	16.9	18
5		12	0	16.76	17	16.73	18
5		12	7	16.79	16.88	16.83	18
5		12	13	16.72	16.84	16.8	18
5		25	0	16.77	16.87	16.84	18
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.88	17.08	16.97	18
3		1	8	16.95	16.9	16.92	18
3		1	14	16.85	16.98	16.77	18
3		8	0	16.73	16.91	16.87	18
3		8	4	16.74	16.79	16.83	18
3		8	7	16.82	16.74	16.77	18
3		15	0	16.77	16.76	16.54	18
3	16QAM	1	0	16.71	16.79	16.91	18
3		1	8	16.75	16.72	16.71	18
3		1	14	16.69	16.65	16.83	18
3		8	0	16.78	16.82	16.81	18
3		8	4	16.88	16.89	16.92	18
3		8	7	16.87	16.74	16.99	18
3		15	0	16.72	16.93	16.82	18
3	64QAM	1	0	16.85	16.75	16.97	18
3		1	8	16.75	16.7	16.95	18
3		1	14	16.84	16.93	16.93	18
3		8	0	16.8	16.9	16.82	18
3		8	4	16.84	16.73	16.79	18
3		8	7	16.66	16.93	16.85	18
3		15	0	16.9	16.86	16.89	18
3	256QAM	1	0	16.72	16.91	16.91	18
3		1	8	16.68	17.01	16.83	18
3		1	14	16.88	16.87	16.84	18
3		8	0	16.9	16.92	16.83	18
3		8	4	16.83	17.01	16.83	18
3		8	7	16.79	16.79	16.87	18
3		15	0	16.75	16.99	16.76	18
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1779.3	
1.4	QPSK	1	0	16.92	17.14	16.96	18
1.4		1	3	17	16.95	16.92	18
1.4		1	5	16.94	17.03	16.91	18
1.4		3	0	16.91	16.91	16.86	18
1.4		3	1	16.91	16.9	16.78	18
1.4		3	3	16.89	16.81	16.78	18
1.4		6	0	16.74	16.75	16.64	18
1.4	16QAM	1	0	16.89	16.87	16.83	18
1.4		1	3	16.73	16.79	16.81	18
1.4		1	5	16.65	16.65	16.65	18
1.4		3	0	16.84	16.83	16.77	18
1.4		3	1	16.95	16.88	16.91	18
1.4		3	3	16.85	16.71	16.93	18
1.4		6	0	16.85	16.8	16.88	18
1.4	64QAM	1	0	16.9	16.86	16.9	18
1.4		1	3	16.79	16.7	16.85	18
1.4		1	5	16.89	16.96	16.98	18
1.4		3	0	16.78	16.94	16.93	18
1.4		3	1	16.8	16.77	16.82	18
1.4		3	3	16.67	16.94	16.94	18
1.4		6	0	16.67	16.9	16.8	18
1.4	256QAM	1	0	16.99	16.99	16.92	18
1.4		1	3	16.71	16.99	16.75	18
1.4		1	5	16.8	16.92	16.82	18
1.4		3	0	16.76	16.95	16.81	18
1.4		3	1	16.75	16.92	16.81	18
1.4		3	3	16.73	16.91	16.88	18
1.4		6	0	16.84	16.92	16.77	18

<LTE Band 38_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.63	17.81	17.64	18.5
20		1	49	17.46	17.69	17.44	18.5
20		1	99	17.33	17.6	17.36	18.5
20		50	0	17.49	17.77	17.55	18.5
20		50	24	17.29	17.54	17.25	18.5
20		50	50	17.29	17.5	17.3	18.5
20		100	0	17.4	17.61	17.38	18.5
20	16QAM	1	0	17.18	17.48	17.25	18.5
20		1	49	17.06	17.38	17.18	18.5
20		1	99	17.07	17.39	17.11	18.5
20		50	0	17.15	17.47	17.2	18.5
20		50	24	17.25	17.46	17.26	18.5
20		50	50	17.2	17.5	17.2	18.5
20		100	0	17.37	17.58	17.29	18.5
20	64QAM	1	0	17.29	17.55	17.3	18.5
20		1	49	17.23	17.53	17.32	18.5
20		1	99	17.5	17.7	17.45	18.5
20		50	0	17.36	17.67	17.4	18.5
20		50	24	17.42	17.63	17.45	18.5
20		50	50	17.39	17.68	17.47	18.5
20		100	0	17.42	17.64	17.33	18.5
20	256QAM	1	0	17.49	17.73	17.46	18.5
20		1	49	17.47	17.67	17.47	18.5
20		1	99	17.3	17.6	17.38	18.5
20		50	0	17.4	17.65	17.39	18.5
20		50	24	17.35	17.58	17.38	18.5
20		50	50	17.31	17.6	17.35	18.5
20		100	0	17.39	17.61	17.32	18.5
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.54	17.69	17.57	18.5
15		1	37	17.39	17.58	17.33	18.5
15		1	74	17.32	17.46	17.26	18.5
15		36	0	17.37	17.7	17.53	18.5
15		36	20	17.18	17.41	17.12	18.5
15		36	39	17.15	17.37	17.27	18.5
15		75	0	17.36	17.48	17.27	18.5
15	16QAM	1	0	17.12	17.35	17.19	18.5
15		1	37	17.04	17.3	17.1	18.5
15		1	74	16.92	17.28	17.07	18.5
15		36	0	17.03	17.36	17.08	18.5
15		36	20	17.18	17.37	17.17	18.5
15		36	39	17.07	17.42	17.09	18.5
15		75	0	17.22	17.46	17.18	18.5
15	64QAM	1	0	17.18	17.49	17.16	18.5
15		1	37	17.1	17.45	17.27	18.5
15		1	74	17.36	17.56	17.36	18.5
15		36	0	17.22	17.62	17.32	18.5
15		36	20	17.32	17.61	17.31	18.5
15		36	39	17.27	17.61	17.32	18.5
15		75	0	17.33	17.6	17.26	18.5
15	256QAM	1	0	17.48	17.6	17.35	18.5
15		1	37	17.4	17.61	17.33	18.5
15		1	74	17.21	17.56	17.31	18.5
15		36	0	17.28	17.54	17.32	18.5
15		36	20	17.29	17.5	17.31	18.5
15		36	39	17.27	17.52	17.28	18.5
15		75	0	17.33	17.59	17.22	18.5
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.49	17.72	17.53	18.5
10		1	25	17.41	17.61	17.37	18.5
10		1	49	17.21	17.59	17.23	18.5
10		25	0	17.35	17.69	17.44	18.5
10		25	12	17.19	17.52	17.23	18.5
10		25	25	17.2	17.38	17.16	18.5
10		50	0	17.32	17.53	17.3	18.5
10	16QAM	1	0	17.1	17.38	17.15	18.5
10		1	25	17.03	17.31	17.1	18.5
10		1	49	16.96	17.32	16.96	18.5
10		25	0	17.13	17.32	17.15	18.5
10		25	12	17.15	17.39	17.15	18.5
10		25	25	17.16	17.44	17.18	18.5
10		50	0	17.36	17.55	17.18	18.5
10	64QAM	1	0	17.15	17.44	17.15	18.5
10		1	25	17.12	17.46	17.21	18.5
10		1	49	17.42	17.66	17.42	18.5
10		25	0	17.23	17.54	17.35	18.5
10		25	12	17.41	17.49	17.39	18.5
10		25	25	17.29	17.57	17.43	18.5
10		50	0	17.35	17.57	17.26	18.5
10	256QAM	1	0	17.45	17.69	17.44	18.5
10		1	25	17.45	17.64	17.44	18.5
10		1	49	17.22	17.56	17.27	18.5
10		25	0	17.26	17.64	17.33	18.5
10		25	12	17.27	17.56	17.34	18.5
10		25	25	17.17	17.53	17.24	18.5
10		50	0	17.27	17.53	17.21	18.5
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.58	17.7	17.61	18.5
5		1	12	17.32	17.55	17.4	18.5
5		1	24	17.25	17.58	17.29	18.5
5		12	0	17.4	17.69	17.53	18.5
5		12	7	17.16	17.45	17.21	18.5
5		12	13	17.18	17.4	17.16	18.5
5		25	0	17.3	17.49	17.33	18.5
5	16QAM	1	0	17.07	17.41	17.21	18.5
5		1	12	16.95	17.34	17.05	18.5
5		1	24	16.96	17.29	17	18.5
5		12	0	17.06	17.4	17.1	18.5
5		12	7	17.11	17.33	17.15	18.5
5		12	13	17.13	17.47	17.16	18.5
5		25	0	17.32	17.52	17.14	18.5
5	64QAM	1	0	17.19	17.47	17.19	18.5
5		1	12	17.12	17.4	17.24	18.5
5		1	24	17.41	17.66	17.3	18.5
5		12	0	17.25	17.6	17.37	18.5
5		12	7	17.3	17.5	17.31	18.5
5		12	13	17.26	17.65	17.43	18.5
5		25	0	17.37	17.5	17.27	18.5
5	256QAM	1	0	17.41	17.6	17.36	18.5
5		1	12	17.45	17.54	17.46	18.5
5		1	24	17.26	17.46	17.36	18.5
5		12	0	17.33	17.61	17.32	18.5
5		12	7	17.3	17.51	17.35	18.5
5		12	13	17.3	17.5	17.33	18.5
5		25	0	17.37	17.47	17.3	18.5

<LTE Band 41_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.16	18.17	18.28	18.24	18.21	18.7
20		1	49	17.98	18.09	18.24	18.07	18.05	18.7
20		1	99	17.97	18.04	18.19	18.14	18.1	18.7
20		50	0	18.04	18.02	18.18	18	18.08	18.7
20		50	24	17.87	17.87	18.08	17.89	17.88	18.7
20		50	50	17.97	17.85	18.1	17.95	17.89	18.7
20		100	0	17.96	17.85	18.1	18.04	18.01	18.7
20	16QAM	1	0	17.92	17.93	18.06	17.88	17.98	18.7
20		1	49	17.77	17.76	17.92	17.75	17.81	18.7
20		1	99	17.84	17.79	17.98	17.8	17.8	18.7
20		50	0	17.8	17.9	18.05	17.98	17.85	18.7
20		50	24	17.8	17.87	18.01	17.89	17.9	18.7
20		50	50	17.74	17.84	18	17.91	17.82	18.7
20		100	0	17.99	17.93	18.14	18.02	17.98	18.7
20	64QAM	1	0	17.83	17.81	18.01	17.84	17.89	18.7
20		1	49	17.81	17.86	18	17.91	17.89	18.7
20		1	99	17.89	17.97	18.12	18	18.01	18.7
20		50	0	18.04	17.98	18.19	18.11	17.98	18.7
20		50	24	17.85	17.94	18.1	17.93	17.96	18.7
20		50	50	17.99	17.97	18.12	17.94	18.02	18.7
20		100	0	17.9	18.01	18.16	18.1	17.98	18.7
20	256QAM	1	0	17.96	17.97	18.19	18.11	18.06	18.7
20		1	49	18.08	18.12	18.28	18.2	18.11	18.7
20		1	99	17.91	17.84	18.07	17.91	17.95	18.7
20		50	0	18.03	18.04	18.2	18.14	18.06	18.7
20		50	24	17.91	18.02	18.15	17.97	18.07	18.7
20		50	50	17.87	17.86	18.08	17.97	17.95	18.7
20		100	0	17.9	18.01	18.17	18.06	18.01	18.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.14	18.08	18.14	18.15	18.12	18.7
15		1	37	17.87	18	18.19	18.03	17.96	18.7
15		1	74	17.86	17.9	18.14	18.01	18.06	18.7
15		36	0	17.9	17.91	18.16	17.99	18.01	18.7
15		36	20	17.76	17.76	18.01	17.83	17.79	18.7
15		36	39	17.95	17.79	18.07	17.87	17.76	18.7
15		75	0	17.91	17.77	17.96	18.01	17.95	18.7
15	16QAM	1	0	17.8	17.88	17.93	17.82	17.84	18.7
15		1	37	17.7	17.65	17.88	17.67	17.74	18.7
15		1	74	17.75	17.73	17.85	17.73	17.72	18.7
15		36	0	17.7	17.75	17.93	17.87	17.72	18.7
15		36	20	17.7	17.81	17.99	17.79	17.85	18.7
15		36	39	17.6	17.71	17.93	17.86	17.7	18.7
15		75	0	17.88	17.88	18.01	18	17.88	18.7
15	64QAM	1	0	17.7	17.74	17.96	17.77	17.76	18.7
15		1	37	17.68	17.79	17.95	17.88	17.77	18.7
15		1	74	17.86	17.94	18.03	17.98	17.97	18.7
15		36	0	18	17.85	18.16	18.09	17.94	18.7
15		36	20	17.77	17.85	18.06	17.83	17.83	18.7
15		36	39	17.94	17.89	18.03	17.79	17.99	18.7
15		75	0	17.84	17.95	18.11	17.97	17.88	18.7
15	256QAM	1	0	17.91	17.83	18.11	17.97	18.04	18.7
15		1	37	18.01	18.08	18.22	18.13	18.06	18.7
15		1	74	17.85	17.8	17.97	17.88	17.81	18.7
15		36	0	17.95	17.93	18.09	18.08	17.96	18.7
15		36	20	17.78	17.92	18.06	17.9	17.94	18.7
15		36	39	17.83	17.8	17.98	17.9	17.89	18.7
15		75	0	17.82	17.99	18.08	17.98	17.96	18.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.06	18.05	18.24	18.22	18.19	18.7
10		1	25	17.86	18.03	18.11	17.95	18.01	18.7
10		1	49	17.84	17.98	18.09	18.03	18.01	18.7
10		25	0	17.93	17.96	18.04	17.96	17.95	18.7
10		25	12	17.77	17.83	18.02	17.77	17.78	18.7
10		25	25	17.89	17.77	18	17.87	17.76	18.7
10		50	0	17.92	17.71	17.96	17.97	17.97	18.7
10	16QAM	1	0	17.86	17.82	17.99	17.87	17.91	18.7
10		1	25	17.63	17.69	17.84	17.66	17.78	18.7
10		1	49	17.69	17.67	17.9	17.71	17.77	18.7
10		25	0	17.66	17.84	18.01	17.97	17.78	18.7
10		25	12	17.72	17.77	17.93	17.85	17.83	18.7
10		25	25	17.62	17.73	17.97	17.89	17.75	18.7
10		50	0	17.97	17.91	18.05	17.93	17.84	18.7
10	64QAM	1	0	17.76	17.69	17.89	17.78	17.8	18.7
10		1	25	17.77	17.8	17.94	17.82	17.83	18.7
10		1	49	17.78	17.89	18.02	17.94	17.93	18.7
10		25	0	18.01	17.95	18.12	18.1	17.92	18.7
10		25	12	17.79	17.8	18.05	17.82	17.83	18.7
10		25	25	17.91	17.93	18.01	17.83	17.97	18.7
10		50	0	17.84	17.99	18.09	17.98	17.84	18.7
10	256QAM	1	0	17.86	17.88	18.06	18	17.93	18.7
10		1	25	18	18.08	18.25	18.13	18.03	18.7
10		1	49	17.84	17.77	17.95	17.85	17.82	18.7
10		25	0	17.98	18	18.18	18.01	18.02	18.7
10		25	12	17.85	17.88	18.11	17.9	17.97	18.7
10		25	25	17.79	17.75	17.97	17.92	17.88	18.7
10		50	0	17.8	17.93	18.02	18.04	17.95	18.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.03	18.05	18.2	18.18	18.18	18.7
5		1	12	17.88	18.07	18.17	18	18	18.7
5		1	24	17.88	17.89	18.1	18.03	17.98	18.7
5		12	0	17.98	17.89	18.04	17.94	17.98	18.7
5		12	7	17.78	17.76	17.99	17.79	17.78	18.7
5		12	13	17.91	17.81	18.04	17.93	17.76	18.7
5		25	0	17.81	17.71	17.96	18.01	17.93	18.7
5	16QAM	1	0	17.77	17.9	18.04	17.74	17.83	18.7
5		1	12	17.65	17.63	17.88	17.71	17.67	18.7
5		1	24	17.69	17.75	17.85	17.68	17.75	18.7
5		12	0	17.71	17.78	17.98	17.93	17.81	18.7
5		12	7	17.71	17.85	17.93	17.76	17.77	18.7
5		12	13	17.72	17.83	17.9	17.82	17.78	18.7
5		25	0	17.86	17.85	18.09	17.88	17.83	18.7
5	64QAM	1	0	17.68	17.75	17.87	17.78	17.75	18.7
5		1	12	17.78	17.83	17.96	17.86	17.76	18.7
5		1	24	17.83	17.93	18.01	17.96	17.94	18.7
5		12	0	18.01	17.89	18.12	18.05	17.93	18.7
5		12	7	17.73	17.85	18.06	17.86	17.9	18.7
5		12	13	17.9	17.88	18.04	17.87	17.92	18.7
5		25	0	17.76	17.97	18.04	18.07	17.9	18.7
5	256QAM	1	0	17.93	17.88	18.11	17.97	17.95	18.7
5		1	12	18.03	18.06	18.15	18.09	17.97	18.7
5		1	24	17.84	17.74	18.03	17.82	17.87	18.7
5		12	0	17.91	17.9	18.16	18.03	17.99	18.7
5		12	7	17.77	17.9	18.06	17.9	17.97	18.7
5		12	13	17.77	17.82	17.96	17.82	17.84	18.7
5		25	0	17.82	17.99	18.04	17.96	17.94	18.7

<LTE Band 42 (27Q)_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.5	18.53	18.39	19.2
20		1	49	18.43	18.5	18.31	19.2
20		1	99	18.45	18.44	18.34	19.2
20		50	0	18.37	18.42	18.32	19.2
20		50	24	18.22	18.24	18.08	19.2
20		50	50	18.18	18.28	18.16	19.2
20		100	0	18.21	18.31	18.17	19.2
20	16QAM	1	0	18.17	18.27	18.08	19.2
20		1	49	18.11	18.17	18.05	19.2
20		1	99	18.24	18.24	18.09	19.2
20		50	0	18.18	18.22	18.02	19.2
20		50	24	18.16	18.23	18.05	19.2
20		50	50	18.23	18.3	18.1	19.2
20		100	0	18.35	18.36	18.24	19.2
20	64QAM	1	0	18.12	18.23	18.05	19.2
20		1	49	18.33	18.34	18.18	19.2
20		1	99	18.35	18.43	18.3	19.2
20		50	0	18.28	18.39	18.2	19.2
20		50	24	18.2	18.27	18.14	19.2
20		50	50	18.33	18.38	18.26	19.2
20		100	0	18.28	18.3	18.09	19.2
20	256QAM	1	0	18.31	18.4	18.23	19.2
20		1	49	18.41	18.51	18.3	19.2
20		1	99	18.22	18.33	18.2	19.2
20		50	0	18.28	18.38	18.16	19.2
20		50	24	18.31	18.32	18.18	19.2
20		50	50	18.29	18.36	18.13	19.2
20		100	0	18.26	18.37	18.26	19.2
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.41	18.4	18.37	19.2
15		1	37	18.51	18.4	18.28	19.2
15		1	74	18.41	18.29	18.32	19.2
15		36	0	18.26	18.28	18.22	19.2
15		36	20	18.15	18.17	17.99	19.2
15		36	39	18.06	18.13	18.07	19.2
15		75	0	18.14	18.29	18.04	19.2
15	16QAM	1	0	18.13	18.13	17.96	19.2
15		1	37	17.99	18.08	17.98	19.2
15		1	74	18.21	18.12	18.06	19.2
15		36	0	18.15	18.19	17.91	19.2
15		36	20	18.11	18.1	18.02	19.2
15		36	39	18.18	18.19	17.96	19.2
15		75	0	18.24	18.22	18.2	19.2
15	64QAM	1	0	18.08	18.15	17.98	19.2
15		1	37	18.21	18.25	18.05	19.2
15		1	74	18.33	18.31	18.28	19.2
15		36	0	18.26	18.25	18.13	19.2
15		36	20	18.17	18.15	18.06	19.2
15		36	39	18.31	18.3	18.21	19.2
15		75	0	18.23	18.28	17.98	19.2
15	256QAM	1	0	18.27	18.37	18.19	19.2
15		1	37	18.35	18.4	18.24	19.2
15		1	74	18.08	18.31	18.13	19.2
15		36	0	18.13	18.23	18.05	19.2
15		36	20	18.2	18.19	18.11	19.2
15		36	39	18.15	18.23	18.12	19.2
15		75	0	18.15	18.33	18.14	19.2
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.38	18.37	18.27	19.2
10		1	25	18.46	18.44	18.26	19.2
10		1	49	18.36	18.37	18.24	19.2
10		25	0	18.31	18.35	18.26	19.2
10		25	12	18.12	18.13	18.07	19.2
10		25	25	18.08	18.23	18.02	19.2
10		50	0	18.12	18.27	18.09	19.2
10	16QAM	1	0	18.15	18.25	17.96	19.2
10		1	25	18.09	18.13	17.92	19.2
10		1	49	18.1	18.17	18.05	19.2
10		25	0	18.12	18.2	17.92	19.2
10		25	12	18.08	18.16	17.96	19.2
10		25	25	18.18	18.19	18.05	19.2
10		50	0	18.29	18.25	18.17	19.2
10	64QAM	1	0	17.98	18.18	18	19.2
10		1	25	18.27	18.24	18.17	19.2
10		1	49	18.27	18.39	18.17	19.2
10		25	0	18.15	18.33	18.16	19.2
10		25	12	18.09	18.17	18.05	19.2
10		25	25	18.26	18.25	18.13	19.2
10		50	0	18.19	18.18	18	19.2
10	256QAM	1	0	18.29	18.33	18.19	19.2
10		1	25	18.27	18.37	18.24	19.2
10		1	49	18.1	18.23	18.15	19.2
10		25	0	18.24	18.25	18.08	19.2
10		25	12	18.27	18.23	18.16	19.2
10		25	25	18.18	18.27	18.11	19.2
10		50	0	18.19	18.34	18.22	19.2
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.38	18.37	18.35	19.2
5		1	12	18.45	18.46	18.24	19.2
5		1	24	18.33	18.35	18.24	19.2
5		12	0	18.35	18.38	18.2	19.2
5		12	7	18.19	18.19	17.95	19.2
5		12	13	18.12	18.18	18.07	19.2
5		25	0	18.14	18.28	18.03	19.2
5	16QAM	1	0	18.15	18.25	18.02	19.2
5		1	12	18	18.06	17.99	19.2
5		1	24	18.22	18.12	18.04	19.2
5		12	0	18.06	18.13	17.9	19.2
5		12	7	18.08	18.21	17.99	19.2
5		12	13	18.22	18.28	18.06	19.2
5		25	0	18.33	18.29	18.13	19.2
5	64QAM	1	0	17.99	18.14	17.92	19.2
5		1	12	18.24	18.21	18.1	19.2
5		1	24	18.25	18.41	18.17	19.2
5		12	0	18.13	18.25	18.18	19.2
5		12	7	18.05	18.21	18.03	19.2
5		12	13	18.19	18.27	18.22	19.2
5		25	0	18.17	18.29	18.01	19.2
5	256QAM	1	0	18.24	18.38	18.19	19.2
5		1	12	18.39	18.44	18.16	19.2
5		1	24	18.13	18.27	18.06	19.2
5		12	0	18.24	18.23	18.1	19.2
5		12	7	18.26	18.26	18.09	19.2
5		12	13	18.21	18.34	18.03	19.2
5		25	0	18.22	18.36	18.13	19.2

<LTE Band 48_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.61	17.64	17.77	17.7	17.65	18.6
20		1	49	17.38	17.41	17.63	17.45	17.44	18.6
20		1	99	17.33	17.29	17.55	17.42	17.35	18.6
20		50	0	17.43	17.4	17.65	17.5	17.43	18.6
20		50	24	17.3	17.32	17.55	17.41	17.3	18.6
20		50	50	17.22	17.3	17.49	17.39	17.27	18.6
20		100	0	17.3	17.37	17.61	17.42	17.42	18.6
20	16QAM	1	0	17.21	17.25	17.42	17.33	17.29	18.6
20		1	49	17.16	17.2	17.41	17.3	17.27	18.6
20		1	99	17.06	17.18	17.36	17.19	17.23	18.6
20		50	0	17.16	17.21	17.46	17.37	17.27	18.6
20		50	24	17.3	17.25	17.51	17.4	17.38	18.6
20		50	50	17.32	17.22	17.49	17.36	17.24	18.6
20		100	0	17.44	17.45	17.65	17.52	17.43	18.6
20	64QAM	1	0	17.32	17.26	17.53	17.39	17.29	18.6
20		1	49	17.22	17.27	17.46	17.31	17.29	18.6
20		1	99	17.44	17.41	17.63	17.49	17.44	18.6
20		50	0	17.35	17.37	17.62	17.48	17.45	18.6
20		50	24	17.34	17.44	17.58	17.41	17.41	18.6
20		50	50	17.41	17.49	17.64	17.45	17.48	18.6
20		100	0	17.41	17.41	17.64	17.53	17.47	18.6
20	256QAM	1	0	17.52	17.54	17.69	17.51	17.54	18.6
20		1	49	17.39	17.43	17.68	17.57	17.49	18.6
20		1	99	17.44	17.41	17.61	17.5	17.39	18.6
20		50	0	17.35	17.4	17.64	17.55	17.4	18.6
20		50	24	17.36	17.33	17.59	17.38	17.44	18.6
20		50	50	17.3	17.35	17.52	17.37	17.34	18.6
20		100	0	17.41	17.42	17.62	17.48	17.42	18.6
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.47	17.6	17.71	17.58	17.55	18.6
15		1	37	17.28	17.35	17.62	17.31	17.35	18.6
15		1	74	17.25	17.23	17.44	17.4	17.25	18.6
15		36	0	17.34	17.31	17.57	17.44	17.39	18.6
15		36	20	17.18	17.18	17.5	17.35	17.16	18.6
15		36	39	17.19	17.25	17.44	17.32	17.19	18.6
15		75	0	17.27	17.26	17.57	17.33	17.39	18.6
15	16QAM	1	0	17.18	17.21	17.35	17.19	17.16	18.6
15		1	37	17.1	17.14	17.33	17.27	17.22	18.6
15		1	74	17.05	17.07	17.32	17.05	17.2	18.6
15		36	0	17.11	17.11	17.45	17.29	17.26	18.6
15		36	20	17.19	17.19	17.5	17.39	17.28	18.6
15		36	39	17.25	17.12	17.46	17.27	17.13	18.6
15		75	0	17.36	17.42	17.63	17.37	17.39	18.6
15	64QAM	1	0	17.31	17.16	17.5	17.29	17.2	18.6
15		1	37	17.17	17.22	17.4	17.21	17.15	18.6
15		1	74	17.32	17.33	17.54	17.4	17.42	18.6
15		36	0	17.27	17.27	17.54	17.39	17.32	18.6
15		36	20	17.28	17.36	17.48	17.36	17.37	18.6
15		36	39	17.3	17.37	17.54	17.43	17.4	18.6
15		75	0	17.36	17.28	17.58	17.48	17.34	18.6
15	256QAM	1	0	17.4	17.46	17.62	17.5	17.52	18.6
15		1	37	17.37	17.42	17.65	17.42	17.38	18.6
15		1	74	17.41	17.28	17.51	17.48	17.35	18.6
15		36	0	17.31	17.35	17.54	17.51	17.3	18.6
15		36	20	17.21	17.24	17.58	17.34	17.41	18.6
15		36	39	17.17	17.27	17.42	17.25	17.29	18.6
15		75	0	17.36	17.32	17.6	17.45	17.28	18.6
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.48	17.53	17.62	17.58	17.59	18.6
10		1	25	17.33	17.37	17.56	17.37	17.36	18.6
10		1	49	17.28	17.15	17.42	17.27	17.22	18.6
10		25	0	17.32	17.32	17.53	17.44	17.4	18.6
10		25	12	17.26	17.18	17.49	17.33	17.25	18.6
10		25	25	17.17	17.2	17.35	17.28	17.22	18.6
10		50	0	17.25	17.29	17.58	17.4	17.27	18.6
10	16QAM	1	0	17.13	17.22	17.36	17.31	17.28	18.6
10		1	25	17.04	17.19	17.4	17.16	17.19	18.6
10		1	49	16.98	17.15	17.24	17.1	17.15	18.6
10		25	0	17.09	17.2	17.43	17.25	17.25	18.6
10		25	12	17.18	17.17	17.45	17.29	17.28	18.6
10		25	25	17.19	17.18	17.36	17.22	17.15	18.6
10		50	0	17.34	17.42	17.53	17.46	17.36	18.6
10	64QAM	1	0	17.21	17.15	17.52	17.31	17.28	18.6
10		1	25	17.18	17.26	17.43	17.23	17.19	18.6
10		1	49	17.37	17.36	17.52	17.43	17.34	18.6
10		25	0	17.25	17.31	17.54	17.39	17.38	18.6
10		25	12	17.31	17.4	17.49	17.32	17.39	18.6
10		25	25	17.29	17.46	17.58	17.42	17.45	18.6
10		50	0	17.34	17.34	17.61	17.38	17.38	18.6
10	256QAM	1	0	17.48	17.42	17.68	17.37	17.39	18.6
10		1	25	17.29	17.41	17.53	17.54	17.38	18.6
10		1	49	17.33	17.35	17.57	17.41	17.27	18.6
10		25	0	17.27	17.37	17.6	17.48	17.39	18.6
10		25	12	17.26	17.29	17.55	17.35	17.33	18.6
10		25	25	17.19	17.3	17.37	17.3	17.31	18.6
10		50	0	17.35	17.28	17.56	17.4	17.34	18.6
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.49	17.52	17.65	17.59	17.62	18.6
5		1	12	17.36	17.3	17.53	17.32	17.33	18.6
5		1	24	17.3	17.21	17.47	17.38	17.28	18.6
5		12	0	17.41	17.31	17.6	17.36	17.35	18.6
5		12	7	17.17	17.17	17.42	17.3	17.23	18.6
5		12	13	17.17	17.19	17.35	17.35	17.12	18.6
5		25	0	17.17	17.31	17.49	17.27	17.35	18.6
5	16QAM	1	0	17.13	17.14	17.32	17.27	17.17	18.6
5		1	12	17.04	17.11	17.28	17.19	17.12	18.6
5		1	24	16.96	17.11	17.33	17.11	17.09	18.6
5		12	0	17.11	17.08	17.43	17.29	17.25	18.6
5		12	7	17.24	17.13	17.45	17.37	17.25	18.6
5		12	13	17.22	17.09	17.45	17.3	17.16	18.6
5		25	0	17.42	17.42	17.58	17.48	17.37	18.6
5	64QAM	1	0	17.19	17.23	17.38	17.25	17.16	18.6
5		1	12	17.14	17.18	17.35	17.29	17.26	18.6
5		1	24	17.33	17.39	17.59	17.47	17.38	18.6
5		12	0	17.23	17.23	17.57	17.42	17.37	18.6
5		12	7	17.33	17.41	17.52	17.26	17.3	18.6
5		12	13	17.31	17.46	17.57	17.31	17.36	18.6
5		25	0	17.28	17.3	17.6	17.49	17.43	18.6
5	256QAM	1	0	17.4	17.52	17.67	17.41	17.43	18.6
5		1	12	17.34	17.41	17.57	17.55	17.43	18.6
5		1	24	17.32	17.3	17.46	17.41	17.29	18.6
5		12	0	17.32	17.37	17.61	17.44	17.38	18.6
5		12	7	17.24	17.3	17.5	17.27	17.32	18.6
5		12	13	17.17	17.28	17.38	17.27	17.19	18.6
5		25	0	17.38	17.36	17.58	17.45	17.31	18.6

<LTE Band 4_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.95	24	23.86	25.2
20		1	49	23.78	23.92	23.75	25.2
20		1	99	23.73	23.85	23.7	25.2
20		50	0	22.76	22.86	22.68	24.2
20		50	24	22.68	22.76	22.58	24.2
20		50	50	22.59	22.73	22.52	24.2
20		100	0	22.79	22.89	22.68	24.2
20	16QAM	1	0	22.83	23.03	22.83	24.2
20		1	49	22.66	22.97	22.76	24.2
20		1	99	22.9	23.02	22.84	24.2
20		50	0	21.8	21.89	21.73	23.2
20		50	24	21.72	21.84	21.57	23.2
20		50	50	21.67	21.76	21.52	23.2
20		100	0	21.66	21.75	21.52	23.2
20	64QAM	1	0	21.65	21.84	21.58	23.2
20		1	49	21.58	22.06	21.92	23.2
20		1	99	21.94	22.01	21.8	23.2
20		50	0	20.68	20.84	20.59	22.2
20		50	24	20.74	20.91	20.78	22.2
20		50	50	20.58	20.76	20.51	22.2
20		100	0	20.76	20.85	20.68	22.2
20	256QAM	1	0	18.88	18.97	18.76	20.2
20		1	49	18.64	18.74	18.57	20.2
20		1	99	18.74	18.87	18.66	20.2
20		50	0	18.87	18.95	18.75	20.2
20		50	24	18.74	18.93	18.77	20.2
20		50	50	18.88	18.92	18.76	20.2
20		100	0	18.7	18.78	18.55	20.2
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.93	23.86	23.77	25.2
15		1	37	23.7	23.79	23.69	25.2
15		1	74	23.61	23.8	23.61	25.2
15		36	0	22.72	22.73	22.59	24.2
15		36	20	22.65	22.71	22.53	24.2
15		36	39	22.49	22.67	22.43	24.2
15		75	0	22.74	22.74	22.6	24.2
15	16QAM	1	0	22.72	22.89	22.69	24.2
15		1	37	22.76	22.9	22.74	24.2
15		1	74	22.62	22.95	22.78	24.2
15		36	0	21.66	21.79	21.63	23.2
15		36	20	21.66	21.7	21.52	23.2
15		36	39	21.55	21.65	21.44	23.2
15		75	0	21.63	21.66	21.42	23.2
15	64QAM	1	0	21.64	21.75	21.55	23.2
15		1	37	21.67	21.96	21.81	23.2
15		1	74	21.62	21.96	21.72	23.2
15		36	0	20.6	20.78	20.56	22.2
15		36	20	20.73	20.78	20.74	22.2
15		36	39	20.53	20.72	20.44	22.2
15		75	0	20.67	20.81	20.62	22.2
15	256QAM	1	0	18.82	18.88	18.73	20.2
15		1	37	18.55	18.73	18.45	20.2
15		1	74	18.6	18.84	18.55	20.2
15		36	0	18.85	18.91	18.7	20.2
15		36	20	18.6	18.8	18.73	20.2
15		36	39	18.78	18.79	18.63	20.2
15		75	0	18.64	18.73	18.51	20.2
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.8	23.91	23.76	25.2
10		1	25	23.74	23.78	23.68	25.2
10		1	49	23.68	23.76	23.6	25.2
10		25	0	22.72	22.77	22.54	24.2
10		25	12	22.67	22.62	22.5	24.2
10		25	25	22.53	22.64	22.47	24.2
10		50	0	22.66	22.66	22.57	24.2
10	16QAM	1	0	22.71	22.95	22.79	24.2
10		1	25	22.8	22.85	22.63	24.2
10		1	49	22.83	22.89	22.82	24.2
10		25	0	21.68	21.75	21.71	23.2
10		25	12	21.71	21.82	21.44	23.2
10		25	25	21.54	21.75	21.43	23.2
10		50	0	21.63	21.71	21.43	23.2
10	64QAM	1	0	21.63	21.76	21.46	23.2
10		1	25	21.96	22.02	21.87	23.2
10		1	49	21.88	21.87	21.72	23.2
10		25	0	20.57	20.82	20.49	22.2
10		25	12	20.73	20.66	20.63	22.2
10		25	25	20.45	20.63	20.44	22.2
10		50	0	20.66	20.76	20.57	22.2
10	256QAM	1	0	18.84	18.91	18.64	20.2
10		1	25	18.61	18.64	18.46	20.2
10		1	49	18.7	18.79	18.61	20.2
10		25	0	18.76	18.8	18.7	20.2
10		25	12	18.69	18.81	18.65	20.2
10		25	25	18.77	18.8	18.68	20.2
10		50	0	18.6	18.65	18.52	20.2
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.91	23.9	23.8	25.2
5		1	12	23.67	23.83	23.63	25.2
5		1	24	23.61	23.74	23.63	25.2
5		12	0	22.68	22.75	22.56	24.2
5		12	7	22.57	22.61	22.57	24.2
5		12	13	22.47	22.7	22.47	24.2
5		25	0	22.77	22.82	22.58	24.2
5	16QAM	1	0	22.69	22.92	22.74	24.2
5		1	12	22.73	22.92	22.66	24.2
5		1	24	22.81	22.95	22.72	24.2
5		12	0	21.71	21.84	21.69	23.2
5		12	7	21.62	21.77	21.52	23.2
5		12	13	21.62	21.68	21.38	23.2
5		25	0	21.58	21.67	21.42	23.2
5	64QAM	1	0	21.59	21.78	21.46	23.2
5		1	12	21.65	22.02	21.99	23.2
5		1	24	21.82	22	21.79	23.2
5		12	0	20.63	20.7	20.53	22.2
5		12	7	20.66	20.79	20.66	22.2
5		12	13	20.49	20.64	20.41	22.2
5		25	0	20.67	20.81	20.58	22.2
5	256QAM	1	0	18.83	18.85	18.62	20.2
5		1	12	18.49	18.63	18.5	20.2
5		1	24	18.6	18.84	18.59	20.2
5		12	0	18.8	18.89	18.72	20.2
5		12	7	18.62	18.87	18.7	20.2
5		12	13	18.84	18.83	18.73	20.2
5		25	0	18.65	18.67	18.53	20.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.91	23.96	23.76	25.2
3		1	8	23.68	23.78	23.68	25.2
3		1	14	23.67	23.74	23.69	25.2
3		8	0	22.64	22.79	22.66	24.2
3		8	4	22.58	22.7	22.46	24.2
3		8	7	22.45	22.62	22.47	24.2
3		15	0	22.74	22.81	22.61	24.2
3	16QAM	1	0	22.74	22.97	22.72	24.2
3		1	8	22.8	22.93	22.66	24.2
3		1	14	22.87	22.9	22.74	24.2
3		8	0	21.78	21.76	21.71	23.2
3		8	4	21.65	21.76	21.44	23.2
3		8	7	21.64	21.66	21.39	23.2
3		15	0	21.54	21.73	21.39	23.2
3	64QAM	1	0	21.55	21.72	21.46	23.2
3		1	8	21.93	22.06	21.94	23.2
3		1	14	21.82	21.92	21.74	23.2
3		8	0	20.64	20.74	20.53	22.2
3		8	4	20.67	20.87	20.74	22.2
3		8	7	20.52	20.72	20.39	22.2
3		15	0	20.61	20.84	20.53	22.2
3	256QAM	1	0	18.85	18.84	18.68	20.2
3		1	8	18.61	18.65	18.42	20.2
3		1	14	18.61	18.73	18.55	20.2
3		8	0	18.88	18.93	18.65	20.2
3		8	4	18.63	18.84	18.66	20.2
3		8	7	18.81	18.89	18.61	20.2
3		15	0	18.6	18.7	18.52	20.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.94	23.88	23.83	25.2
1.4		1	3	23.74	23.89	23.65	25.2
1.4		1	5	23.71	23.81	23.59	25.2
1.4		3	0	23.66	23.72	23.61	25.2
1.4		3	1	23.6	23.72	23.49	25.2
1.4		3	3	23.54	23.58	23.41	25.2
1.4		6	0	22.75	22.74	22.66	24.2
1.4	16QAM	1	0	22.69	22.91	22.72	24.2
1.4		1	3	22.79	22.84	22.7	24.2
1.4		1	5	22.63	22.89	22.69	24.2
1.4		3	0	22.75	22.86	22.69	24.2
1.4		3	1	22.63	22.71	22.49	24.2
1.4		3	3	22.58	22.63	22.43	24.2
1.4		6	0	21.55	21.67	21.43	23.2
1.4	64QAM	1	0	21.56	21.71	21.51	23.2
1.4		1	3	21.85	21.99	21.88	23.2
1.4		1	5	21.8	21.88	21.75	23.2
1.4		3	0	21.66	21.82	21.49	23.2
1.4		3	1	21.6	21.67	21.71	23.2
1.4		3	3	21.46	21.62	21.45	23.2
1.4		6	0	20.66	20.83	20.55	22.2
1.4	256QAM	1	0	18.8	18.89	18.63	20.2
1.4		1	3	18.62	18.8	18.43	20.2
1.4		1	5	18.62	18.84	18.61	20.2
1.4		3	0	18.84	18.9	18.68	20.2
1.4		3	1	18.64	18.86	18.67	20.2
1.4		3	3	18.84	18.82	18.66	20.2
1.4		6	0	18.57	18.69	18.52	20.2

<LTE Band 7_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.9	23.91	23.82	25.2
20		1	49	23.7	23.8	23.62	25.2
20		1	99	23.41	23.51	23.39	25.2
20		50	0	22.79	22.86	22.68	24.2
20		50	24	22.69	22.86	22.59	24.2
20		50	50	22.69	22.76	22.56	24.2
20		100	0	22.8	22.82	22.59	24.2
20	16QAM	1	0	22.96	23.12	22.94	24.2
20		1	49	23.03	23.11	22.97	24.2
20		1	99	22.71	22.77	22.63	24.2
20		50	0	21.79	21.85	21.64	23.2
20		50	24	21.71	21.84	21.61	23.2
20		50	50	21.62	21.66	21.45	23.2
20		100	0	21.73	21.82	21.68	23.2
20	64QAM	1	0	22.2	22.26	22.04	23.2
20		1	49	21.94	22.01	21.89	23.2
20		1	99	21.81	21.94	21.65	23.2
20		50	0	20.75	20.89	20.79	22.2
20		50	24	20.67	20.92	20.66	22.2
20		50	50	20.63	20.79	20.52	22.2
20		100	0	20.82	20.89	20.8	22.2
20	256QAM	1	0	18.98	19	18.91	20.2
20		1	49	18.67	18.81	18.7	20.2
20		1	99	18.83	18.96	18.65	20.2
20		50	0	18.85	18.87	18.78	20.2
20		50	24	18.77	18.87	18.67	20.2
20		50	50	18.76	18.91	18.67	20.2
20		100	0	18.85	18.91	18.8	20.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.87	23.78	23.73	25.2
15		1	37	23.67	23.7	23.59	25.2
15		1	74	23.3	23.41	23.28	25.2
15		36	0	22.67	22.72	22.6	24.2
15		36	20	22.73	22.73	22.67	24.2
15		36	39	22.64	22.69	22.48	24.2
15		75	0	22.7	22.8	22.51	24.2
15	16QAM	1	0	22.9	23.1	22.85	24.2
15		1	37	22.9	23.02	22.88	24.2
15		1	74	22.57	22.63	22.54	24.2
15		36	0	21.73	21.71	21.6	23.2
15		36	20	21.69	21.76	21.58	23.2
15		36	39	21.5	21.57	21.42	23.2
15		75	0	21.65	21.73	21.55	23.2
15	64QAM	1	0	22.13	22.12	21.99	23.2
15		1	37	21.84	21.89	21.77	23.2
15		1	74	21.74	21.81	21.53	23.2
15		36	0	20.65	20.78	20.75	22.2
15		36	20	20.62	20.71	20.53	22.2
15		36	39	20.51	20.62	20.46	22.2
15		75	0	20.73	20.75	20.77	22.2
15	256QAM	1	0	18.91	18.91	18.79	20.2
15		1	37	18.65	18.79	18.61	20.2
15		1	74	18.73	18.82	18.66	20.2
15		36	0	18.76	18.74	18.66	20.2
15		36	20	18.68	18.76	18.63	20.2
15		36	39	18.7	18.7	18.52	20.2
15		75	0	18.77	18.83	18.71	20.2
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.76	23.77	23.71	25.2
10		1	25	23.68	23.77	23.59	25.2
10		1	49	23.28	23.37	23.36	25.2
10		25	0	22.71	22.72	22.65	24.2
10		25	12	22.7	22.82	22.63	24.2
10		25	25	22.58	22.74	22.43	24.2
10		50	0	22.68	22.75	22.52	24.2
10	16QAM	1	0	22.91	23.09	22.91	24.2
10		1	25	23.02	23.07	22.84	24.2
10		1	49	22.57	22.62	22.62	24.2
10		25	0	21.75	21.73	21.63	23.2
10		25	12	21.57	21.71	21.54	23.2
10		25	25	21.58	21.54	21.37	23.2
10		50	0	21.59	21.74	21.65	23.2
10	64QAM	1	0	22.09	22.21	21.9	23.2
10		1	25	21.86	21.9	21.76	23.2
10		1	49	21.7	21.73	21.61	23.2
10		25	0	20.68	20.75	20.77	22.2
10		25	12	20.62	20.81	20.51	22.2
10		25	25	20.53	20.72	20.41	22.2
10		50	0	20.77	20.85	20.68	22.2
10	256QAM	1	0	18.84	18.87	18.69	20.2
10		1	25	18.61	18.67	18.58	20.2
10		1	49	18.77	18.84	18.52	20.2
10		25	0	18.71	18.83	18.74	20.2
10		25	12	18.64	18.85	18.52	20.2
10		25	25	18.76	18.68	18.66	20.2
10		50	0	18.79	18.83	18.72	20.2
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.77	23.77	23.75	25.2
5		1	12	23.58	23.69	23.59	25.2
5		1	24	23.33	23.45	23.31	25.2
5		12	0	22.78	22.8	22.55	24.2
5		12	7	22.57	22.61	22.62	24.2
5		12	13	22.61	22.69	22.53	24.2
5		25	0	22.74	22.74	22.46	24.2
5	16QAM	1	0	22.89	22.99	22.9	24.2
5		1	12	22.97	23.04	22.89	24.2
5		1	24	22.67	22.71	22.54	24.2
5		12	0	21.74	21.75	21.6	23.2
5		12	7	21.68	21.7	21.46	23.2
5		12	13	21.61	21.58	21.41	23.2
5		25	0	21.6	21.7	21.57	23.2
5	64QAM	1	0	22.09	22.23	21.92	23.2
5		1	12	21.85	21.91	21.84	23.2
5		1	24	21.79	21.79	21.52	23.2
5		12	0	20.6	20.86	20.76	22.2
5		12	7	20.53	20.77	20.54	22.2
5		12	13	20.53	20.71	20.38	22.2
5		25	0	20.7	20.75	20.76	22.2
5	256QAM	1	0	18.96	18.95	18.77	20.2
5		1	12	18.53	18.71	18.64	20.2
5		1	24	18.68	18.83	18.61	20.2
5		12	0	18.83	18.79	18.68	20.2
5		12	7	18.74	18.86	18.65	20.2
5		12	13	18.68	18.86	18.64	20.2
5		25	0	18.8	18.77	18.67	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24	24.03	23.82	25.2
20		1	49	23.77	23.94	23.5	25.2
20		1	99	23.78	23.85	23.57	25.2
20		50	0	22.8	22.89	22.56	24.2
20		50	24	22.7	22.86	22.62	24.2
20		50	50	22.75	22.82	22.61	24.2
20		100	0	22.74	22.83	22.49	24.2
20	16QAM	1	0	22.91	22.89	22.71	24.2
20		1	49	23.02	23.19	22.85	24.2
20		1	99	23.05	23.18	22.97	24.2
20		50	0	21.72	21.88	21.65	23.2
20		50	24	21.69	21.86	21.58	23.2
20		50	50	21.78	21.81	21.58	23.2
20		100	0	21.81	21.92	21.62	23.2
20	64QAM	1	0	21.92	22.1	21.76	23.2
20		1	49	21.93	22.06	21.74	23.2
20		1	99	21.93	22.03	21.72	23.2
20		50	0	20.84	20.91	20.66	22.2
20		50	24	20.77	20.89	20.59	22.2
20		50	50	20.72	20.84	20.61	22.2
20		100	0	20.71	20.84	20.53	22.2
20	256QAM	1	0	18.98	19.02	18.79	20.2
20		1	49	18.82	18.99	18.74	20.2
20		1	99	18.91	18.97	18.77	20.2
20		50	0	18.93	19	18.71	20.2
20		50	24	18.92	18.99	18.8	20.2
20		50	50	18.83	18.98	18.77	20.2
20		100	0	18.93	18.97	18.57	20.2
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.88	23.83	23.59	25.2
15		1	37	23.59	23.64	23.31	25.2
15		1	74	23.51	23.71	23.41	25.2
15		36	0	22.68	22.77	22.41	24.2
15		36	20	22.55	22.63	22.45	24.2
15		36	39	22.5	22.65	22.36	24.2
15		75	0	22.58	22.59	22.39	24.2
15	16QAM	1	0	22.71	22.79	22.58	24.2
15		1	37	22.97	23.02	22.79	24.2
15		1	74	22.65	22.69	22.6	24.2
15		36	0	21.63	21.69	21.38	23.2
15		36	20	21.47	21.71	21.41	23.2
15		36	39	21.63	21.69	21.44	23.2
15		75	0	21.71	21.72	21.46	23.2
15	64QAM	1	0	21.74	21.87	21.71	23.2
15		1	37	21.84	21.85	21.63	23.2
15		1	74	21.7	21.89	21.49	23.2
15		36	0	20.6	20.78	20.49	22.2
15		36	20	20.6	20.69	20.39	22.2
15		36	39	20.45	20.61	20.47	22.2
15		75	0	20.64	20.7	20.44	22.2
15	256QAM	1	0	18.67	18.83	18.58	20.2
15		1	37	18.71	18.82	18.56	20.2
15		1	74	18.63	18.74	18.46	20.2
15		36	0	18.74	18.77	18.51	20.2
15		36	20	18.66	18.85	18.65	20.2
15		36	39	18.69	18.84	18.56	20.2
15		75	0	18.71	18.74	18.54	20.2
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.73	23.84	23.59	25.2
10		1	25	23.64	23.71	23.31	25.2
10		1	49	23.49	23.61	23.33	25.2
10		25	0	22.47	22.68	22.36	24.2
10		25	12	22.49	22.68	22.37	24.2
10		25	25	22.46	22.62	22.34	24.2
10		50	0	22.56	22.63	22.32	24.2
10	16QAM	1	0	22.77	22.74	22.53	24.2
10		1	25	22.94	22.95	22.76	24.2
10		1	49	22.84	22.94	22.73	24.2
10		25	0	21.68	21.68	21.47	23.2
10		25	12	21.57	21.66	21.41	23.2
10		25	25	21.52	21.78	21.37	23.2
10		50	0	21.58	21.61	21.47	23.2
10	64QAM	1	0	21.76	21.94	21.71	23.2
10		1	25	21.75	21.92	21.58	23.2
10		1	49	21.63	21.79	21.55	23.2
10		25	0	20.65	20.79	20.49	22.2
10		25	12	20.52	20.74	20.38	22.2
10		25	25	20.43	20.64	20.41	22.2
10		50	0	20.6	20.7	20.52	22.2
10	256QAM	1	0	18.73	18.84	18.59	20.2
10		1	25	18.7	18.87	18.51	20.2
10		1	49	18.63	18.76	18.59	20.2
10		25	0	18.72	18.76	18.61	20.2
10		25	12	18.71	18.83	18.57	20.2
10		25	25	18.63	18.85	18.55	20.2
10		50	0	18.77	18.75	18.55	20.2
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.86	23.78	23.67	25.2
5		1	12	23.62	23.61	23.32	25.2
5		1	24	23.62	23.67	23.44	25.2
5		12

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.06	24.17	24.1	25.2
20		1	49	23.89	24.15	24.05	25.2
20		1	99	23.77	23.99	23.77	25.2
20		50	0	22.96	23.18	22.97	24.2
20		50	24	22.86	23.15	22.93	24.2
20		50	50	22.88	23.06	22.91	24.2
20		100	0	22.92	23.14	22.98	24.2
20	16QAM	1	0	23.32	23.47	23.3	24.2
20		1	49	23.34	23.48	23.35	24.2
20		1	99	23.2	23.44	23.32	24.2
20		50	0	22.1	22.28	22.09	23.2
20		50	24	22.06	22.21	22.1	23.2
20		50	50	22	22.13	22	23.2
20		100	0	21.94	22.16	22.05	23.2
20	64QAM	1	0	22.45	22.57	22.4	23.2
20		1	49	22.37	22.51	22.43	23.2
20		1	99	22.21	22.33	22.25	23.2
20		50	0	21.1	21.22	21.03	22.2
20		50	24	21.05	21.22	21.09	22.2
20		50	50	20.93	21.13	20.98	22.2
20		100	0	21.01	21.16	21.05	22.2
20	256QAM	1	0	19.02	19.21	19.09	20.2
20		1	49	19.34	19.51	19.38	20.2
20		1	99	19.09	19.22	19.1	20.2
20		50	0	19.04	19.25	19.06	20.2
20		50	24	19.08	19.2	19.07	20.2
20		50	50	18.96	19.15	19.08	20.2
20		100	0	19.11	19.25	19.11	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.92	24.13	24.02	25.2
15		1	37	23.84	24	23.99	25.2
15		1	74	23.7	23.86	23.65	25.2
15		36	0	22.81	23.15	22.93	24.2
15		36	20	22.95	23.11	22.95	24.2
15		36	39	22.84	23.03	22.81	24.2
15		75	0	22.77	22.99	22.86	24.2
15	16QAM	1	0	23.17	23.39	23.25	24.2
15		1	37	23.32	23.41	23.24	24.2
15		1	74	23.09	23.33	23.31	24.2
15		36	0	22.04	22.14	21.97	23.2
15		36	20	22	22.07	21.98	23.2
15		36	39	21.88	22.03	21.9	23.2
15		75	0	21.87	22.07	21.98	23.2
15	64QAM	1	0	22.3	22.44	22.39	23.2
15		1	37	22.28	22.41	22.36	23.2
15		1	74	22.14	22.26	22.24	23.2
15		36	0	21.09	21.1	20.9	22.2
15		36	20	21.04	21.2	21.07	22.2
15		36	39	20.92	21	20.84	22.2
15		75	0	20.91	21.05	20.99	22.2
15	256QAM	1	0	18.9	19.18	18.97	20.2
15		1	37	19.31	19.45	19.35	20.2
15		1	74	19.04	19.21	18.99	20.2
15		36	0	18.96	19.19	18.99	20.2
15		36	20	19.03	19.06	18.94	20.2
15		36	39	18.82	19.14	19.04	20.2
15		75	0	19.06	19.12	19.02	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.94	24.07	24.03	25.2
10		1	25	23.81	24.05	23.99	25.2
10		1	49	23.64	23.95	23.76	25.2
10		25	0	22.92	23.13	22.85	24.2
10		25	12	22.86	23	22.97	24.2
10		25	25	22.83	22.92	22.87	24.2
10		50	0	22.87	23.12	22.92	24.2
10	16QAM	1	0	23.26	23.42	23.24	24.2
10		1	25	23.19	23.41	23.33	24.2
10		1	49	23.17	23.33	23.21	24.2
10		25	0	22.06	22.22	22.03	23.2
10		25	12	21.97	22.13	21.98	23.2
10		25	25	21.86	22	21.95	23.2
10		50	0	21.93	22.14	21.99	23.2
10	64QAM	1	0	22.41	22.43	22.28	23.2
10		1	25	22.23	22.36	22.33	23.2
10		1	49	22.13	22.3	22.15	23.2
10		25	0	20.99	21.14	20.96	22.2
10		25	12	21.02	21.17	21.08	22.2
10		25	25	20.9	21.01	20.88	22.2
10		50	0	20.9	21.15	20.98	22.2
10	256QAM	1	0	18.97	19.11	19.01	20.2
10		1	25	19.23	19.42	19.26	20.2
10		1	49	19.02	19.1	19.01	20.2
10		25	0	18.95	19.23	18.94	20.2
10		25	12	19	19.1	19.04	20.2
10		25	25	18.84	19.14	19.03	20.2
10		50	0	18.99	19.19	19.1	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.92	24.15	24	25.2
5		1	12	23.87	24.07	23.94	25.2
5		1	24	23.75	23.87	23.71	25.2
5		12	0	22.89	23.14	22.91	24.2
5		12	7	22.83	23.11	22.99	24.2
5		12	13	22.76	23.01	22.95	24.2
5		25	0	22.9	23.09	22.92	24.2
5	16QAM	1	0	23.19	23.37	23.18	24.2
5		1	12	23.22	23.41	23.3	24.2
5		1	24	23.13	23.39	23.31	24.2
5		12	0	22.08	22.14	21.97	23.2
5		12	7	22.04	22.14	22.06	23.2
5		12	13	21.87	21.99	21.97	23.2
5		25	0	21.81	22.03	22.01	23.2
5	64QAM	1	0	22.33	22.53	22.32	23.2
5		1	12	22.31	22.41	22.41	23.2
5		1	24	22.08	22.26	22.15	23.2
5		12	0	21.02	21.2	20.98	22.2
5		12	7	20.92	21.14	21	22.2
5		12	13	20.91	21.02	20.94	22.2
5		25	0	20.95	21.08	21	22.2
5	256QAM	1	0	18.97	19.07	18.95	20.2
5		1	12	19.22	19.41	19.3	20.2
5		1	24	19.05	19.07	19.07	20.2
5		12	0	18.98	19.18	18.96	20.2
5		12	7	19.03	19.07	18.99	20.2
5		12	13	18.89	19.11	18.97	20.2
5		25	0	19.01	19.14	19.02	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.85	24.18	24.2	23.79	23.75	25.2
20		1	49	23.82	24.15	24.19	23.76	23.63	25.2
20		1	99	23.61	24.03	24.07	23.62	23.51	25.2
20		50	0	22.8	23.08	23.24	22.8	22.74	24.2
20		50	24	22.75	23.1	23.21	22.78	22.68	24.2
20		50	50	22.76	23.06	23.23	22.74	22.71	24.2
20		100	0	22.77	23.14	23.24	22.83	22.7	24.2
20	16QAM	1	0	23.1	23.37	23.52	22.97	22.95	24.2
20		1	49	23.08	23.43	23.56	23.05	22.98	24.2
20		1	99	23.18	23.47	23.55	23.11	23.03	24.2
20		50	0	21.88	22.18	22.22	21.73	21.71	23.2
20		50	24	21.86	22.13	22.25	21.79	21.8	23.2
20		50	50	21.93	22.27	22.31	21.91	21.82	23.2
20		100	0	21.95	22.22	22.3	21.82	21.81	23.2
20	64QAM	1	0	22.09	22.39	22.46	21.95	21.98	23.2
20		1	49	22.14	22.41	22.51	22.06	21.99	23.2
20		1	99	21.81	22.19	22.28	21.85	21.74	23.2
20		50	0	20.8	21.11	21.25	20.83	20.72	22.2
20		50	24	20.92	21.15	21.26	20.88	20.82	22.2
20		50	50	20.85	21.2	21.26	20.76	20.82	22.2
20		100	0	20.93	21.16	21.26	20.85	20.86	22.2
20	256QAM	1	0	18.96	19.21	19.33	18.88	18.83	20.2
20		1	49	18.9	19.15	19.27	18.84	18.82	20.2
20		1	99	18.89	19.14	19.25	18.83	18.82	20.2
20		50	0	18.97	19.21	19.3	18.94	18.91	20.2
20		50	24	18.9	19.08	19.24	18.89	18.83	20.2
20		50	50	18.84	19.1	19.22	18.78	18.76	20.2
20		100	0	18.9	19.12	19.2	18.85	18.82	20.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.8	24.08	24.11	23.73	23.66	25.2
15		1	37	23.68	24.09	24.06	23.62	23.52	25.2
15		1	74	23.47	24	23.99	23.47	23.43	25.2
15		36	0	22.77	23	23.19	22.71	22.71	24.2
15		36	20	22.67	22.97	23.15	22.75	22.62	24.2
15		36	39	22.68	23.03	23.14	22.67	22.67	24.2
15		75	0	22.7	23.1	23.19	22.77	22.6	24.2
15	16QAM	1	0	23.08	23.31	23.47	22.93	22.89	24.2
15		1	37	22.97	23.38	23.48	22.93	22.92	24.2
15		1	74	23.04	23.36	23.52	23	22.95	24.2
15		36	0	21.8	22.11	22.1	21.71	21.64	23.2
15		36	20	21.73	21.99	22.14	21.66	21.7	23.2
15		36	39	21.87	22.22	22.23	21.88	21.78	23.2
15		75	0	21.81	22.13	22.28	21.8	21.71	23.2
15	64QAM	1	0	22	22.34	22.33	21.88	21.97	23.2
15		1	37	22.09	22.27	22.44	21.92	21.88	23.2
15		1	74	21.68	22.17	22.14	21.76	21.67	23.2
15		36	0	20.7	21.07	21.14	20.78	20.65	22.2
15		36	20	20.81	21.11	21.15	20.77	20.68	22.2
15		36	39	20.78	21.07	21.22	20.63	20.77	22.2
15		75	0	20.8	21.04	21.22	20.82	20.8	22.2
15	256QAM	1	0	18.83	19.13	19.21	18.87	18.7	20.2
15		1	37	18.83	19.08	19.12	18.69	18.69	20.2
15		1	74	18.87	19.08	19.22	18.8	18.77	20.2
15		36	0	18.89	19.1	19.17	18.9	18.79	20.2
15		36	20	18.81	18.95	19.1	18.86	18.79	20.2
15		36	39	18.79	19	19.2	18.77	18.73	20.2
15		75	0	18.87	19.03	19.13	18.73	18.81	20.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.72	24.08	24.17	23.76	23.68	25.2
10		1	25	23.7	24.12	24.08	23.73	23.51	25.2
10		1	49	23.47	23.95	23.99	23.51	23.44	25.2
10		25	0	22.7	23.07	23.07	22.72	22.69	24.2
10		25	12	22.68	23.08	23.2	22.66	22.54	24.2
10		25	25	22.7	23.04	23.17	22.62	22.63	24.2
10		50	0	22.7	23.01	23.12	22.7	22.59	24.2
10	16QAM	1	0	22.99	23.32	23.39	22.83	22.92	24.2
10		1	25	23.04	23.39	23.54	22.92	22.94	24.2
10		1	49	23.08	23.35	23.44	22.98	22.91	24.2
10		25	0	21.76	22.12	22.15	21.62	21.63	23.2
10		25	12	21.75	22.07	22.11	21.68	21.7	23.2
10		25	25	21.87	22.25	22.22	21.89	21.75	23.2
10		50	0	21.83	22.13	22.29	21.71	21.74	23.2
10	64QAM	1	0	21.98	22.34	22.32	21.92	21.92	23.2
10		1	25	22.12	22.35	22.43	21.94	21.89	23.2
10		1	49	21.75	22.04	22.19	21.83	21.67	23.2
10		25	0	20.67	20.99	21.13	20.79	20.69	22.2
10		25	12	20.82	21.14	21.11	20.78	20.73	22.2
10		25	25	20.79	21.12	21.24	20.72	20.77	22.2
10		50	0	20.89	21.11	21.2	20.77	20.76	22.2
10	256QAM	1	0	18.81	19.18	19.24	18.78	18.68	20.2
10		1	25	18.86	19.13	19.22	18.74	18.81	20.2
10		1	49	18.77	19.13	19.21	18.82	18.77	20.2
10		25	0	18.91	19.13	19.22	18.85	18.81	20.2
10		25	12	18.86	19.05	19.17	18.79	18.7	20.2
10		25	25	18.77	18.97	19.17	18.64	18.73	20.2
10		50	0	18.8	18.99	19.1	18.72	18.77	20.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.71	24.15	24.07	23.68	23.65	25.2
5		1	12	23.78	24.05	24.07	23.61	23.52	25.2
5		1	24	23.5	23.95	23.96	23.51	23.48	25.2
5		12	0	22.69	22.96	23.08	22.69	22.73	24.2
5		12	7	22.63	23.06	23.12	22.68	22.55	24.2
5		12	13	22.73	23.01	23.17	22.73	22.66	24.2
5		25	0	22.71	23.06	23.19	22.72	22.62	24.2
5	16QAM	1	0	23.07	23.24	23.38	22.92	22.87	24.2
5		1	12	22.94	23.37	23.48	23.02	22.97	24.2
5		1	24	23.14	23.32	23.51	22.97	22.95	24.2
5		12	0	21.86	22.1	22.11	21.63	21.61	23.2
5		12	7	21.73	21.99	22.2	21.69	21.79	23.2
5		12	13	21.82	22.26	22.3	21.86	21.71	23.2
5		25	0	21.84	22.12	22.24	21.79	21.75	23.2
5	64QAM	1	0	21.94	22.31	22.36	21.9	21.92	23.2
5		1	12	22.09	22.31	22.47	22.02	21.84	23.2
5		1	24	21.73	22.07	22.13	21.83	21.63	23.2
5		12	0	20.73	21.05	21.24	20.77	20.69	22.2
5		12	7	20.8	21.06	21.13	20.77	20.71	22.2
5		12	13	20.73	21.14	21.18	20.68	20.69	22.2
5		25	0	20.8	21.15	21.18	20.81	20.77	22.2
5	256QAM	1	0	18.92	19.13	19.25	18.85	18.72	20.2
5		1	12	18.8	19.07	19.25	18.74	18.76	20.2
5		1	24	18.8	19.02	19.16	18.74	18.74	20.2
5		12	0	18.86	19.1	19.22	18.87	18.86	20.2
5		12	7	18.76	18.96	19.23	18.82	18.7	20.2
5		12	13	18.73	19.04	19.16	18.66	18.7	20.2
5		25	0	18.76	19.07	19.09	18.76	18.78	20.2

<LTE Band 42 (27Q)_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.3	22.5	22.45	24.2
20		1	49	22.11	22.32	22.12	24.2
20		1	99	22.02	22.29	22.09	24.2
20		50	0	21.55	21.56	21.36	23.2
20		50	24	21.33	21.55	21.49	23.2
20		50	50	21.16	21.46	21.31	23.2
20		100	0	21.27	21.53	21.35	23.2
20	16QAM	1	0	21.48	21.74	21.62	23.2
20		1	49	21.52	21.74	21.57	23.2
20		1	99	21.38	21.7	21.53	23.2
20		50	0	20.31	20.51	20.37	22.2
20		50	24	20.39	20.59	20.51	22.2
20		50	50	20.25	20.52	20.4	22.2
20		100	0	20.32	20.59	20.43	22.2
20	64QAM	1	0	20.64	20.87	20.68	22.2
20		1	49	20.31	20.56	20.46	22.2
20		1	99	20.42	20.74	20.65	22.2
20		50	0	19.27	19.5	19.41	21.2
20		50	24	19.33	19.59	19.45	21.2
20		50	50	19.29	19.48	19.34	21.2
20		100	0	19.28	19.46	19.39	21.2
20	256QAM	1	0	17.44	17.63	17.47	19.2
20		1	49	17.42	17.62	17.53	19.2
20		1	99	17.39	17.56	17.44	19.2
20		50	0	17.31	17.48	17.36	19.2
20		50	24	17.31	17.55	17.47	19.2
20		50	50	17.27	17.53	17.36	19.2
20		100	0	17.34	17.53	17.46	19.2
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.23	22.36	22.42	24.2
15		1	37	21.97	22.21	21.99	24.2
15		1	74	21.92	22.16	21.98	24.2
15		36	0	21.04	21.38	21.22	23.2
15		36	20	21.19	21.5	21.46	23.2
15		36	39	21.1	21.43	21.19	23.2
15		75	0	21.25	21.47	21.27	23.2
15	16QAM	1	0	21.42	21.67	21.48	23.2
15		1	37	21.46	21.69	21.45	23.2
15		1	74	21.34	21.64	21.41	23.2
15		36	0	20.22	20.44	20.28	22.2
15		36	20	20.28	20.51	20.44	22.2
15		36	39	20.23	20.5	20.29	22.2
15		75	0	20.27	20.49	20.41	22.2
15	64QAM	1	0	20.53	20.85	20.65	22.2
15		1	37	20.22	20.47	20.32	22.2
15		1	74	20.38	20.63	20.5	22.2
15		36	0	19.19	19.42	19.32	21.2
15		36	20	19.2	19.45	19.38	21.2
15		36	39	19.27	19.46	19.23	21.2
15		75	0	19.2	19.33	19.3	21.2
15	256QAM	1	0	17.34	17.49	17.33	19.2
15		1	37	17.36	17.5	17.47	19.2
15		1	74	17.32	17.49	17.4	19.2
15		36	0	17.18	17.34	17.31	19.2
15		36	20	17.2	17.45	17.35	19.2
15		36	39	17.16	17.42	17.27	19.2
15		75	0	17.24	17.46	17.42	19.2
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.27	22.45	22.38	24.2
10		1	25	22.06	22.25	22	24.2
10		1	49	21.95	22.16	21.97	24.2
10		25	0	21.07	21.39	21.33	23.2
10		25	12	21.2	21.49	21.44	23.2
10		25	25	21.01	21.38	21.28	23.2
10		50	0	21.25	21.46	21.24	23.2
10	16QAM	1	0	21.38	21.7	21.51	23.2
10		1	25	21.37	21.69	21.52	23.2
10		1	49	21.36	21.68	21.4	23.2
10		25	0	20.27	20.45	20.34	22.2
10		25	12	20.24	20.49	20.43	22.2
10		25	25	20.24	20.46	20.35	22.2
10		50	0	20.22	20.49	20.38	22.2
10	64QAM	1	0	20.59	20.85	20.58	22.2
10		1	25	20.25	20.47	20.32	22.2
10		1	49	20.36	20.62	20.57	22.2
10		25	0	19.22	19.35	19.37	21.2
10		25	12	19.27	19.55	19.33	21.2
10		25	25	19.15	19.4	19.28	21.2
10		50	0	19.19	19.43	19.34	21.2
10	256QAM	1	0	17.39	17.49	17.38	19.2
10		1	25	17.36	17.57	17.49	19.2
10		1	49	17.32	17.55	17.37	19.2
10		25	0	17.2	17.33	17.27	19.2
10		25	12	17.28	17.5	17.4	19.2
10		25	25	17.15	17.39	17.3	19.2
10		50	0	17.2	17.39	17.37	19.2
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.15	22.38	22.32	24.2
5		1	12	22.01	22.22	22.05	24.2
5		1	24	21.94	22.26	22.03	24.2
5		12	0	21.1	21.45	21.3	23.2
5		12	7	21.27	21.54	21.41	23.2
5		12	13	21.09	21.4	21.21	23.2
5		25	0	21.19	21.51	21.3	23.2
5	16QAM	1	0	21.44	21.7	21.52	23.2
5		1	12	21.49	21.67	21.49	23.2
5		1	24	21.32	21.57	21.41	23.2
5		12	0	20.19	20.47	20.26	22.2
5		12	7	20.26	20.47	20.41	22.2
5		12	13	20.24	20.44	20.27	22.2
5		25	0	20.22	20.44	20.4	22.2
5	64QAM	1	0	20.63	20.78	20.55	22.2
5		1	12	20.25	20.47	20.33	22.2
5		1	24	20.37	20.62	20.51	22.2
5		12	0	19.17	19.42	19.37	21.2
5		12	7	19.29	19.53	19.35	21.2
5		12	13	19.26	19.34	19.25	21.2
5		25	0	19.25	19.34	19.38	21.2
5	256QAM	1	0	17.35	17.52	17.42	19.2
5		1	12	17.39	17.52	17.43	19.2
5		1	24	17.37	17.45	17.42	19.2
5		12	0	17.24	17.46	17.35	19.2
5		12	7	17.18	17.44	17.42	19.2
5		12	13	17.12	17.47	17.3	19.2
5		25	0	17.25	17.42	17.32	19.2

<LTE Band 48_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.86	20.87	20.97	20.88	20.5	22.4
20		1	49	20.78	20.83	20.95	20.75	20.33	22.4
20		1	99	20.71	20.67	20.87	20.65	20.36	22.4
20		50	0	19.95	19.89	20.09	19.88	19.5	21.4
20		50	24	19.95	19.85	20.08	19.89	19.5	21.4
20		50	50	19.79	19.8	20.01	19.78	19.48	21.4
20		100	0	19.84	19.9	20.05	19.91	19.51	21.4
20	16QAM	1	0	20.21	20.14	20.34	20.15	19.86	21.4
20		1	49	20.06	20.09	20.31	20.16	19.76	21.4
20		1	99	20.32	20.33	20.47	20.26	19.91	21.4
20		50	0	18.91	18.99	19.13	18.97	18.59	20.4
20		50	24	18.87	18.86	19.07	18.88	18.56	20.4
20		50	50	18.82	18.85	19.06	18.94	18.57	20.4
20		100	0	18.9	19.01	19.12	19.02	18.6	20.4
20	64QAM	1	0	19.17	19.11	19.3	19.1	18.75	20.4
20		1	49	19.22	19.16	19.33	19.12	18.86	20.4
20		1	99	19.06	19.06	19.2	19.08	18.68	20.4
20		50	0	17.91	17.96	18.09	17.99	17.57	19.4
20		50	24	17.87	17.9	18.01	17.84	17.46	19.4
20		50	50	17.98	17.95	18.09	17.89	17.59	19.4
20		100	0	17.99	17.93	18.11	17.98	17.64	19.4
20	256QAM	1	0	15.93	15.92	16.09	15.88	15.66	17.4
20		1	49	15.92	15.97	16.13	15.92	15.7	17.4
20		1	99	15.87	15.94	16.1	15.89	15.69	17.4
20		50	0	15.92	15.96	16.08	15.94	15.68	17.4
20		50	24	15.93	16.04	16.14	16.05	15.65	17.4
20		50	50	16.05	16.07	16.17	16.08	15.68	17.4
20		100	0	16.05	16.03	16.2	16.12	15.8	17.4
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.76	20.81	20.86	20.83	20.43	22.4
15		1	37	20.77	20.74	20.92	20.62	20.28	22.4
15		1	74	20.69	20.63	20.81	20.58	20.3	22.4
15		36	0	19.93	19.83	19.99	19.81	19.45	21.4
15		36	20	19.91	19.71	19.93	19.77	19.4	21.4
15		36	39	19.74	19.75	19.89	19.72	19.46	21.4
15		75	0	19.77	19.8	20.03	19.81	19.39	21.4
15	16QAM	1	0	20.12	20.06	20.31	20.03	19.84	21.4
15		1	37	19.95	20.06	20.17	20.09	19.74	21.4
15		1	74	20.28	20.23	20.46	20.23	19.89	21.4
15		36	0	18.79	18.92	19.04	18.91	18.53	20.4
15		36	20	18.75	18.82	19.05	18.82	18.44	20.4
15		36	39	18.76	18.77	18.93	18.89	18.52	20.4
15		75	0	18.8	18.95	19.03	18.95	18.46	20.4
15	64QAM	1	0	19.14	19.09	19.17	18.97	18.64	20.4
15		1	37	19.12	19.03	19.28	19	18.78	20.4
15		1	74	18.95	19.05	19.09	19.03	18.61	20.4
15		36	0	17.77	17.83	18	17.88	17.56	19.4
15		36	20	17.76	17.79	17.99	17.73	17.39	19.4
15		36	39	17.94	17.82	18.01	17.84	17.47	19.4
15		75	0	17.91	17.86	18.01	17.86	17.52	19.4
15	256QAM	1	0	15.81	15.8	16.05	15.87	15.55	17.4
15		1	37	15.82	15.91	16.12	15.9	15.66	17.4
15		1	74	15.82	15.88	15.99	15.75	15.54	17.4
15		36	0	15.77	15.93	16.04	15.84	15.66	17.4
15		36	20	15.84	16.01	16.04	15.9	15.54	17.4
15		36	39	15.96	16.05	16.03	15.95	15.58	17.4
15		75	0	15.98	15.88	16.18	16.02	15.77	17.4
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.81	20.85	20.88	20.75	20.39	22.4
10		1	25	20.76	20.75	20.85	20.64	20.31	22.4
10		1	49	20.59	20.63	20.75	20.64	20.29	22.4
10		25	0	19.86	19.79	19.99	19.78	19.42	21.4
10		25	12	19.92	19.83	20.06	19.76	19.38	21.4
10		25	25	19.71	19.78	19.9	19.64	19.44	21.4
10		50	0	19.78	19.89	19.97	19.83	19.4	21.4
10	16QAM	1	0	20.14	20.08	20.2	20.1	19.81	21.4
10		1	25	19.97	20	20.25	20.02	19.63	21.4
10		1	49	20.26	20.21	20.34	20.18	19.89	21.4
10		25	0	18.78	18.84	19.09	18.9	18.55	20.4
10		25	12	18.77	18.76	19.03	18.78	18.43	20.4
10		25	25	18.78	18.74	18.94	18.86	18.55	20.4
10		50	0	18.85	18.86	18.98	18.94	18.49	20.4
10	64QAM	1	0	19.05	19.01	19.25	18.98	18.74	20.4
10		1	25	19.11	19.08	19.31	19.04	18.78	20.4
10		1	49	18.94	18.96	19.16	18.94	18.59	20.4
10		25	0	17.87	17.9	17.99	17.87	17.47	19.4
10		25	12	17.72	17.76	17.86	17.82	17.39	19.4
10		25	25	17.89	17.81	18.05	17.78	17.46	19.4
10		50	0	17.86	17.81	18.04	17.93	17.59	19.4
10	256QAM	1	0	15.89	15.9	15.99	15.76	15.55	17.4
10		1	25	15.88	15.84	16.01	15.86	15.64	17.4
10		1	49	15.74	15.86	16.06	15.87	15.64	17.4
10		25	0	15.8	15.92	15.99	15.85	15.59	17.4
10		25	12	15.91	15.9	16.09	15.98	15.56	17.4
10		25	25	15.97	15.94	16.15	16.02	15.63	17.4
10		50	0	16.01	15.99	16.13	16.03	15.71	17.4
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.78	20.75	20.92	20.87	20.45	22.4
5		1	12	20.73	20.75	20.8	20.69	20.24	22.4
5		1	24	20.62	20.63	20.75	20.59	20.25	22.4
5		12	0	19.82	19.78	20.04	19.83	19.46	21.4
5		12	7	19.94	19.78	20.03	19.85	19.4	21.4
5		12	13	19.69	19.65	19.95	19.68	19.46	21.4
5		25	0	19.82	19.75	19.98	19.81	19.41	21.4
5	16QAM	1	0	20.16	20.05	20.31	20.11	19.71	21.4
5		1	12	19.94	19.99	20.2	20.15	19.64	21.4
5		1	24	20.28	20.21	20.45	20.22	19.88	21.4
5		12	0	18.87	18.86	19.12	18.92	18.5	20.4
5		12	7	18.81	18.83	19.01	18.85	18.52	20.4
5		12	13	18.78	18.77	18.96	18.86	18.5	20.4
5		25	0	18.77	18.88	19.07	19	18.57	20.4
5	64QAM	1	0	19.15	18.99	19.27	18.97	18.62	20.4
5		1	12	19.21	19.1	19.3	19.05	18.76	20.4
5		1	24	18.98	18.92	19.19	18.96	18.63	20.4
5		12	0	17.9	17.86	17.95	17.87	17.54	19.4
5		12	7	17.8	17.8	17.97	17.76	17.4	19.4
5		12	13	17.9	17.81	17.98	17.86	17.56	19.4
5		25	0	17.91	17.91	18.08	17.9	17.55	19.4
5	256QAM	1	0	15.9	15.82	15.99	15.85	15.54	17.4
5		1	12	15.86	15.87	16.09	15.87	15.6	17.4
5		1	24	15.85	15.82	15.97	15.86	15.63	17.4
5		12	0	15.82	15.84	16.06	15.85	15.64	17.4
5		12	7	15.82	16	16.1	16.01	15.61	17.4
5		12	13	15.94	16.05	16.08	16.02	15.55	17.4
5		25	0	16	15.93	16.13	16.02	15.78	17.4

<LTE Band 4_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.51	15.57	15.5	16.4
20		1	49	15.52	15.49	15.59	16.4
20		1	99	15.42	15.52	15.44	16.4
20		50	0	15.32	15.56	15.43	16.4
20		50	24	15.45	15.4	15.28	16.4
20		50	50	15.38	15.39	15.28	16.4
20		100	0	15.24	15.3	15.18	16.4
20	16QAM	1	0	15.29	15.43	15.45	16.4
20		1	49	15.37	15.32	15.34	16.4
20		1	99	15.36	15.28	15.34	16.4
20		50	0	15.37	15.38	15.37	16.4
20		50	24	15.43	15.34	15.5	16.4
20		50	50	15.47	15.4	15.46	16.4
20		100	0	15.4	15.49	15.51	16.4
20	64QAM	1	0	15.33	15.4	15.43	16.4
20		1	49	15.38	15.34	15.46	16.4
20		1	99	15.46	15.56	15.39	16.4
20		50	0	15.49	15.49	15.44	16.4
20		50	24	15.34	15.48	15.39	16.4
20		50	50	15.38	15.53	15.59	16.4
20		100	0	15.4	15.46	15.46	16.4
20	256QAM	1	0	15.38	15.56	15.45	16.4
20		1	49	15.38	15.58	15.36	16.4
20		1	99	15.44	15.4	15.49	16.4
20		50	0	15.48	15.49	15.47	16.4
20		50	24	15.3	15.41	15.5	16.4
20		50	50	15.34	15.5	15.5	16.4
20		100	0	15.38	15.53	15.4	16.4
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.45	15.5	15.35	16.4
15		1	37	15.48	15.39	15.48	16.4
15		1	74	15.33	15.49	15.36	16.4
15		36	0	15.27	15.47	15.36	16.4
15		36	20	15.32	15.3	15.17	16.4
15		36	39	15.32	15.27	15.15	16.4
15		75	0	15.22	15.28	15.11	16.4
15	16QAM	1	0	15.27	15.41	15.41	16.4
15		1	37	15.22	15.26	15.31	16.4
15		1	74	15.32	15.21	15.34	16.4
15		36	0	15.24	15.27	15.31	16.4
15		36	20	15.31	15.3	15.48	16.4
15		36	39	15.37	15.27	15.37	16.4
15		75	0	15.38	15.45	15.39	16.4
15	64QAM	1	0	15.26	15.32	15.31	16.4
15		1	37	15.33	15.3	15.38	16.4
15		1	74	15.35	15.5	15.3	16.4
15		36	0	15.45	15.47	15.42	16.4
15		36	20	15.23	15.37	15.36	16.4
15		36	39	15.34	15.4	15.49	16.4
15		75	0	15.37	15.34	15.42	16.4
15	256QAM	1	0	15.24	15.41	15.44	16.4
15		1	37	15.33	15.5	15.3	16.4
15		1	74	15.35	15.29	15.45	16.4
15		36	0	15.37	15.37	15.35	16.4
15		36	20	15.24	15.4	15.46	16.4
15		36	39	15.24	15.47	15.46	16.4
15		75	0	15.28	15.52	15.29	16.4
Channel				20000	20175	20350	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	15.39	15.45	15.41	16.4
10		1	25	15.5	15.48	15.45	16.4
10		1	49	15.35	15.42	15.32	16.4
10		25	0	15.25	15.48	15.35	16.4
10		25	12	15.39	15.39	15.19	16.4
10		25	25	15.36	15.25	15.16	16.4
10		50	0	15.14	15.22	15.06	16.4
10	16QAM	1	0	15.28	15.37	15.32	16.4
10		1	25	15.3	15.19	15.27	16.4
10		1	49	15.3	15.13	15.23	16.4
10		25	0	15.33	15.33	15.24	16.4
10		25	12	15.41	15.27	15.4	16.4
10		25	25	15.32	15.31	15.45	16.4
10		50	0	15.32	15.37	15.4	16.4
10	64QAM	1	0	15.18	15.31	15.31	16.4
10		1	25	15.36	15.32	15.33	16.4
10		1	49	15.33	15.44	15.28	16.4
10		25	0	15.42	15.36	15.42	16.4
10		25	12	15.3	15.36	15.33	16.4
10		25	25	15.31	15.43	15.5	16.4
10		50	0	15.31	15.44	15.33	16.4
10	256QAM	1	0	15.23	15.44	15.32	16.4
10		1	25	15.37	15.44	15.21	16.4
10		1	49	15.36	15.32	15.44	16.4
10		25	0	15.44	15.45	15.45	16.4
10		25	12	15.19	15.37	15.39	16.4
10		25	25	15.28	15.36	15.36	16.4
10		50	0	15.28	15.22	15.27	16.4
Channel				19975	20175	20375	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	15.43	15.55	15.42	16.4
5		1	12	15.48	15.34	15.49	16.4
5		1	24	15.33	15.48	15.43	16.4
5		12	0	15.24	15.52	15.41	16.4
5		12	7	15.4	15.27	15.21	16.4
5		12	13	15.37	15.29	15.21	16.4
5		25	0	15.16	15.17	15.13	16.4
5	16QAM	1	0	15.16	15.4	15.32	16.4
5		1	12	15.2	15.31	15.32	16.4
5		1	24	15.35	15.14	15.31	16.4
5		12	0	15.29	15.36	15.29	16.4
5		12	7	15.3	15.31	15.46	16.4
5		12	13	15.37	15.26	15.33	16.4
5		25	0	15.31	15.42	15.48	16.4
5	64QAM	1	0	15.25	15.27	15.3	16.4
5		1	12	15.3	15.24	15.35	16.4
5		1	24	15.37	15.45	15.27	16.4
5		12	0	15.37	15.4	15.41	16.4
5		12	7	15.28	15.37	15.36	16.4
5		12	13	15.29	15.42	15.53	16.4
5		25	0	15.38	15.38	15.43	16.4
5	256QAM	1	0	15.31	15.52	15.38	16.4
5		1	12	15.37	15.55	15.26	16.4
5		1	24	15.38	15.33	15.42	16.4
5		12	0	15.42	15.39	15.46	16.4
5		12	7	15.16	15.31	15.43	16.4
5		12	13	15.26	15.48	15.46	16.4
5		25	0	15.24	15.41	15.32	16.4
Channel				19950	20175	20400	Tune-Up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	15.38	15.42	15.47	16.4
3		1	8	15.44	15.39	15.53	16.4
3		1	14	15.4	15.49	15.42	16.4
3		8	0	15.29	15.48	15.31	16.4
3		8	4	15.32	15.32	15.19	16.4
3		8	7	15.27	15.34	15.17	16.4
3		15	0	15.17	15.28	15.14	16.4
3	16QAM	1	0	15.16	15.3	15.43	16.4
3		1	8	15.31	15.27	15.26	16.4
3		1	14	15.21	15.21	15.36	16.4
3		8	0	15.28	15.34	15.23	16.4
3		8	4	15.31	15.21	15.47	16.4
3		8	7	15.34	15.37	15.42	16.4
3		15	0	15.33	15.43	15.47	16.4
3	64QAM	1	0	15.31	15.3	15.29	16.4
3		1	8	15.35	15.21	15.31	16.4
3		1	14	15.34	15.49	15.33	16.4
3		8	0	15.34	15.41	15.34	16.4
3		8	4	15.24	15.36	15.28	16.4
3		8	7	15.37	15.4	15.5	16.4
3		15	0	15.27	15.34	15.34	16.4
3	256QAM	1	0	15.24	15.49	15.36	16.4
3		1	8	15.3	15.53	15.22	16.4
3		1	14	15.3	15.38	15.35	16.4
3		8	0	15.38	15.41	15.46	16.4
3		8	4	15.15	15.33	15.37	16.4
3		8	7	15.22	15.46	15.46	16.4
3		15	0	15.24	15.44	15.38	16.4
Channel				19957	20175	20393	Tune-Up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.49	15.45	15.41	16.4
1.4		1	3	15.42	15.48	15.55	16.4
1.4		1	5	15.35	15.42	15.38	16.4
1.4		3	0	15.21	15.42	15.3	16.4
1.4		3	1	15.42	15.38	15.24	16.4
1.4		3	3	15.34	15.31	15.22	16.4
1.4		6	0	15.16	15.19	15.12	16.4
1.4	16QAM	1	0	15.16	15.32	15.43	16.4
1.4		1	3	15.28	15.28	15.3	16.4
1.4		1	5	15.32	15.2	15.27	16.4
1.4		3	0	15.25	15.34	15.35	16.4
1.4		3	1	15.26	15.2	15.38	16.4
1.4		3	3	15.42	15.3	15.43	16.4
1.4		6	0	15.26	15.47	15.39	16.4
1.4	64QAM	1	0	15.28	15.28	15.32	16.4
1.4		1	3	15.29	15.32	15.34	16.4
1.4		1	5	15.34	15.42	15.29	16.4
1.4		3	0	15.43	15.4	15.31	16.4
1.4		3	1	15.29	15.41	15.31	16.4
1.4		3	3	15.25	15.49	15.51	16.4
1.4		6	0	15.29	15.31	15.41	16.4
1.4	256QAM	1	0	15.27	15.48	15.35	16.4
1.4		1	3	15.3	15.56	15.28	16.4
1.4		1	5	15.32	15.27	15.37	16.4
1.4		3	0	15.36	15.46	15.44	16.4
1.4		3	1	15.18	15.27	15.38	16.4
1.4		3	3	15.31	15.36	15.42	16.4
1.4		6	0	15.28	15.49	15.27	16.4

<LTE Band 7_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.23	18.34	18.19	19
20		1	49	18.1	18.27	18.01	19
20		1	99	18.01	18.19	18.02	19
20		50	0	18.07	18.14	18.13	19
20		50	24	18.03	18.07	17.97	19
20		50	50	18	18.14	18.03	19
20		100	0	17.86	18.07	17.89	19
20	16QAM	1	0	18.01	18.08	18.04	19
20		1	49	18.04	17.97	17.97	19
20		1	99	17.92	18.01	18.03	19
20		50	0	18.13	18.03	18.01	19
20		50	24	18.11	18	18.14	19
20		50	50	18.12	18.06	18.14	19
20		100	0	18	18.21	18.08	19
20	64QAM	1	0	18.12	18.06	18.11	19
20		1	49	17.99	17.99	18.11	19
20		1	99	18.09	18.23	18.12	19
20		50	0	18.15	18.13	18.07	19
20		50	24	18.02	18.12	18.08	19
20		50	50	18.03	18.18	18.19	19
20		100	0	18.14	18.16	18.14	19
20	256QAM	1	0	18.02	18.14	18.13	19
20		1	49	17.91	18.2	18.05	19
20		1	99	18.2	18.15	18.14	19
20		50	0	18.03	18.24	18.13	19
20		50	24	18.01	18.1	18.15	19
20		50	50	18.05	18.13	18.18	19
20		100	0	18.09	18.11	18.05	19
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.2	18.24	18.1	19
15		1	37	18.02	18.16	17.92	19
15		1	74	18	18.15	17.9	19
15		36	0	17.97	18.1	18.06	19
15		36	20	17.91	17.96	17.89	19
15		36	39	17.89	18.1	17.99	19
15		75	0	17.76	18.05	17.84	19
15	16QAM	1	0	17.98	18.04	17.92	19
15		1	37	17.93	17.98	17.93	19
15		1	74	17.91	17.97	17.94	19
15		36	0	18	17.91	17.98	19
15		36	20	18	17.99	18.09	19
15		36	39	18.04	17.96	18.02	19
15		75	0	17.88	18.17	17.94	19
15	64QAM	1	0	18.09	17.92	17.98	19
15		1	37	17.91	17.95	18.01	19
15		1	74	17.87	18.09	18.03	19
15		36	0	18.03	18.1	18	19
15		36	20	17.98	18.04	18.05	19
15		36	39	17.98	18.05	18.12	19
15		75	0	18.06	18.05	18.12	19
15	256QAM	1	0	17.93	18.06	18.08	19
15		1	37	17.87	18.06	18.01	19
15		1	74	18.12	18.11	18.03	19
15		36	0	17.96	18.18	17.99	19
15		36	20	18	18.06	18.04	19
15		36	39	17.93	18.01	18.14	19
15		75	0	18	17.96	17.99	19
Channel				20800	21100	21400	Tune-Up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.15	18.33	18.12	19
10		1	25	18.01	18.17	17.91	19
10		1	49	17.96	18.06	18.01	19
10		25	0	17.96	18.04	17.99	19
10		25	12	17.94	18.01	17.83	19
10		25	25	17.89	18.07	17.97	19
10		50	0	17.84	17.96	17.8	19
10	16QAM	1	0	17.91	17.94	17.91	19
10		1	25	17.96	17.91	17.82	19
10		1	49	17.77	17.93	17.92	19
10		25	0	17.99	17.93	17.98	19
10		25	12	18.08	17.97	18	19
10		25	25	18	17.95	18.03	19
10		50	0	17.91	18.06	17.99	19
10	64QAM	1	0	17.98	17.92	18.04	19
10		1	25	17.89	17.91	18.03	19
10		1	49	18.08	18.13	18	19
10		25	0	18.13	18.11	18.04	19
10		25	12	17.91	18.03	18.01	19
10		25	25	17.92	18.05	18.17	19
10		50	0	18.09	18.12	18.02	19
10	256QAM	1	0	17.96	18.01	17.99	19
10		1	25	17.76	18.17	17.92	19
10		1	49	18.16	18.02	18.04	19
10		25	0	17.91	18.1	18.05	19
10		25	12	17.93	18.09	18.11	19
10		25	25	18.02	18.1	18.06	19
10		50	0	18.01	18.07	17.91	19
Channel				20775	21100	21425	Tune-Up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.16	18.29	18.04	19
5		1	12	18.07	18.2	17.89	19
5		1	24	17.96	18.14	17.96	19
5		12	0	17.93	18.06	18	19
5		12	7	17.9	18.02	17.83	19
5		12	13	17.91	18.08	17.94	19
5		25	0	17.83	17.97	17.77	19
5	16QAM	1	0	17.95	17.97	18.02	19
5		1	12	17.9	17.95	17.91	19
5		1	24	17.8	17.95	18.01	19
5		12	0	18	17.92	17.9	19
5		12	7	18.01	17.95	18.07	19
5		12	13	18.06	17.92	18.12	19
5		25	0	17.85	18.13	18.02	19
5	64QAM	1	0	18.05	18.01	17.97	19
5		1	12	17.94	17.93	18.12	19
5		1	24	17.98	18.19	18.06	19
5		12	0	18.11	18.09	17.96	19
5		12	7	17.92	18	17.94	19
5		12	13	17.98	18.15	18.08	19
5		25	0	18.04	18.11	18.04	19
5	256QAM	1	0	17.91	18.05	18	19
5		1	12	17.8	18.15	18.01	19
5		1	24	18.11	18.04	18.02	19
5		12	0	18.01	18.15	17.99	19
5		12	7	17.93	18.09	18.06	19
5		12	13	17.93	18.08	18.08	19
5		25	0	17.98	17.97	17.95	19

<LTE Band 66_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.46	15.67	15.5	16.4
20		1	49	15.39	15.59	15.48	16.4
20		1	99	15.34	15.45	15.48	16.4
20		50	0	15.32	15.59	15.36	16.4
20		50	24	15.22	15.45	15.35	16.4
20		50	50	15.26	15.4	15.32	16.4
20		100	0	15.15	15.44	15.25	16.4
20	16QAM	1	0	15.28	15.44	15.48	16.4
20		1	49	15.37	15.38	15.38	16.4
20		1	99	15.31	15.25	15.38	16.4
20		50	0	15.43	15.38	15.4	16.4
20		50	24	15.41	15.4	15.54	16.4
20		50	50	15.41	15.36	15.5	16.4
20		100	0	15.31	15.52	15.46	16.4
20	64QAM	1	0	15.48	15.4	15.42	16.4
20		1	49	15.38	15.36	15.5	16.4
20		1	99	15.43	15.51	15.4	16.4
20		50	0	15.5	15.43	15.42	16.4
20		50	24	15.33	15.46	15.39	16.4
20		50	50	15.36	15.57	15.48	16.4
20		100	0	15.37	15.55	15.5	16.4
20	256QAM	1	0	15.43	15.61	15.39	16.4
20		1	49	15.3	15.61	15.36	16.4
20		1	99	15.54	15.44	15.44	16.4
20		50	0	15.47	15.47	15.39	16.4
20		50	24	15.38	15.51	15.44	16.4
20		50	50	15.32	15.45	15.48	16.4
20		100	0	15.41	15.4	15.42	16.4
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.41	15.57	15.37	16.4
15		1	37	15.46	15.47	15.42	16.4
15		1	74	15.34	15.31	15.38	16.4
15		36	0	15.18	15.44	15.26	16.4
15		36	20	15.37	15.34	15.29	16.4
15		36	39	15.19	15.3	15.3	16.4
15		75	0	15.05	15.41	15.19	16.4
15	16QAM	1	0	15.22	15.43	15.46	16.4
15		1	37	15.26	15.26	15.31	16.4
15		1	74	15.23	15.21	15.24	16.4
15		36	0	15.3	15.26	15.33	16.4
15		36	20	15.37	15.32	15.41	16.4
15		36	39	15.32	15.23	15.41	16.4
15		75	0	15.19	15.4	15.33	16.4
15	64QAM	1	0	15.36	15.32	15.29	16.4
15		1	37	15.41	15.34	15.42	16.4
15		1	74	15.36	15.39	15.36	16.4
15		36	0	15.43	15.39	15.29	16.4
15		36	20	15.22	15.32	15.25	16.4
15		36	39	15.26	15.54	15.35	16.4
15		75	0	15.27	15.49	15.39	16.4
15	256QAM	1	0	15.34	15.51	15.26	16.4
15		1	37	15.28	15.53	15.29	16.4
15		1	74	15.46	15.36	15.32	16.4
15		36	0	15.37	15.36	15.33	16.4
15		36	20	15.24	15.38	15.3	16.4
15		36	39	15.17	15.37	15.33	16.4
15		75	0	15.36	15.33	15.38	16.4
Channel				132022	132322	132622	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	15.36	15.45	15.39	16.4
10		1	25	15.42	15.49	15.39	16.4
10		1	49	15.38	15.39	15.41	16.4
10		25	0	15.18	15.57	15.27	16.4
10		25	12	15.29	15.4	15.33	16.4
10		25	25	15.32	15.26	15.27	16.4
10		50	0	15.05	15.33	15.19	16.4
10	16QAM	1	0	15.17	15.34	15.38	16.4
10		1	25	15.32	15.35	15.29	16.4
10		1	49	15.22	15.16	15.36	16.4
10		25	0	15.33	15.26	15.36	16.4
10		25	12	15.34	15.31	15.5	16.4
10		25	25	15.28	15.25	15.4	16.4
10	64QAM	1	0	15.26	15.49	15.38	16.4
10		1	25	15.46	15.34	15.38	16.4
10		1	49	15.32	15.26	15.36	16.4
10		25	0	15.4	15.36	15.39	16.4
10		25	12	15.4	15.42	15.35	16.4
10		25	25	15.25	15.45	15.26	16.4
10	256QAM	1	0	15.39	15.52	15.31	16.4
10		1	25	15.2	15.46	15.28	16.4
10		1	49	15.52	15.32	15.35	16.4
10		25	0	15.33	15.39	15.27	16.4
10		25	12	15.35	15.45	15.34	16.4
10		25	25	15.3	15.39	15.45	16.4
10		50	0	15.28	15.38	15.33	16.4
Channel				131997	132322	132647	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	15.32	15.62	15.41	16.4
5		1	12	15.46	15.49	15.38	16.4
5		1	24	15.32	15.4	15.39	16.4
5		12	0	15.3	15.55	15.29	16.4
5		12	7	15.27	15.34	15.26	16.4
5		12	13	15.29	15.39	15.32	16.4
5		25	0	15.11	15.36	15.17	16.4
5	16QAM	1	0	15.24	15.31	15.42	16.4
5		1	12	15.33	15.32	15.27	16.4
5		1	24	15.27	15.22	15.26	16.4
5		12	0	15.39	15.36	15.27	16.4
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2560	2595	2610	
20	QPSK	1	0	20.36	20.41	20.27	21.2
20		1	49	20.13	20.3	20.09	21.2
20		1	99	20.17	20.25	20.02	21.2
20		50	0	20.09	20.25	20.02	21.2
20		50	24	20.09	20.16	19.98	21.2
20		50	50	20.07	20.17	19.89	21.2
20		100	0	20.16	20.29	20.01	21.2
20	16QAM	1	0	19.92	20.09	19.94	21.2
20		1	49	19.92	20.11	19.88	21.2
20		1	99	19.8	19.99	19.75	21.2
20		50	0	19.89	20.08	19.84	21.2
20		50	24	20.03	20.14	19.93	21.2
20		50	50	19.98	20.1	19.86	21.2
20		100	0	20.27	20.33	20.17	21.2
20	64QAM	1	0	20.02	20.13	19.89	21.2
20		1	49	20.08	20.17	19.9	21.2
20		1	99	20.27	20.36	20.12	21.2
20		50	0	20.06	20.21	19.97	21.2
20		50	24	20.03	20.18	19.92	21.2
20		50	50	20.16	20.32	20.16	21.2
20		100	0	20.15	20.24	20.01	21.2
20	256QAM	1	0	17.99	18.18	18.03	19.2
20		1	49	18.04	18.22	18.07	19.2
20		1	99	17.89	18.15	18.02	19.2
20		50	0	17.96	18.18	18.07	19.2
20		50	24	17.96	18.16	18.08	19.2
20		50	50	18.05	18.2	18.1	19.2
20		100	0	17.97	18.23	18.09	19.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.22	20.35	20.23	21.2
15		1	37	19.99	20.26	20.07	21.2
15		1	74	20.15	20.14	19.94	21.2
15		36	0	20	20.22	19.88	21.2
15		36	20	19.96	20.03	19.92	21.2
15		36	39	19.99	20.11	19.78	21.2
15		75	0	20.12	20.16	19.99	21.2
15	16QAM	1	0	19.82	19.98	19.88	21.2
15		1	37	19.84	20.07	19.81	21.2
15		1	74	19.73	19.88	19.63	21.2
15		36	0	19.87	20.03	19.77	21.2
15		36	20	19.99	20.05	19.91	21.2
15		36	39	19.83	20.07	19.72	21.2
15		75	0	20.18	20.3	20.12	21.2
15	64QAM	1	0	20.01	20.03	19.81	21.2
15		1	37	19.93	20.11	19.78	21.2
15		1	74	20.23	20.31	20.11	21.2
15		36	0	19.91	20.1	19.94	21.2
15		36	20	19.98	20.07	19.86	21.2
15		36	39	20.14	20.26	20.12	21.2
15		75	0	20.09	20.17	19.91	21.2
15	256QAM	1	0	17.86	18.15	17.9	19.2
15		1	37	18	18.09	18.02	19.2
15		1	74	17.86	18.05	18	19.2
15		36	0	17.81	18.05	17.96	19.2
15		36	20	17.88	18.08	17.97	19.2
15		36	39	17.96	18.18	18.01	19.2
15		75	0	17.9	18.17	18.04	19.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.3	20.37	20.2	21.2
10		1	25	20.08	20.22	19.95	21.2
10		1	49	20.05	20.11	19.92	21.2
10		25	0	19.97	20.21	19.91	21.2
10		25	12	20.02	20.02	19.85	21.2
10		25	25	20.03	20.07	19.79	21.2
10		50	0	20.06	20.16	19.88	21.2
10	16QAM	1	0	19.81	20.02	19.86	21.2
10		1	25	19.9	20.08	19.82	21.2
10		1	49	19.69	19.96	19.65	21.2
10		25	0	19.87	20.04	19.82	21.2
10		25	12	20.01	20.02	19.8	21.2
10		25	25	19.88	20.02	19.76	21.2
10		50	0	20.24	20.26	20.03	21.2
10	64QAM	1	0	19.96	20.02	19.83	21.2
10		1	25	20.04	20.08	19.86	21.2
10		1	49	20.2	20.33	20.06	21.2
10		25	0	20.04	20.19	19.9	21.2
10		25	12	19.9	20.11	19.86	21.2
10		25	25	20.01	20.23	20.04	21.2
10		50	0	20.02	20.11	19.93	21.2
10	256QAM	1	0	17.89	18.08	17.88	19.2
10		1	25	17.93	18.18	18.04	19.2
10		1	49	17.78	18.03	17.96	19.2
10		25	0	17.84	18.06	18.02	19.2
10		25	12	17.92	18.03	17.93	19.2
10		25	25	17.9	18.1	18	19.2
10		50	0	17.94	18.2	17.97	19.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.23	20.33	20.25	21.2
5		1	12	20	20.27	20.08	21.2
5		1	24	20.13	20.17	19.88	21.2
5		12	0	20.02	20.1	19.97	21.2
5		12	7	19.95	20.06	19.84	21.2
5		12	13	19.97	20.1	19.74	21.2
5		25	0	20.12	20.23	19.89	21.2
5	16QAM	1	0	19.78	20.02	19.92	21.2
5		1	12	19.87	19.98	19.85	21.2
5		1	24	19.7	19.98	19.64	21.2
5		12	0	19.77	19.97	19.8	21.2
5		12	7	20.02	20	19.89	21.2
5		12	13	19.88	20.08	19.8	21.2
5		25	0	20.23	20.27	20.14	21.2
5	64QAM	1	0	19.94	20.12	19.82	21.2
5		1	12	19.95	20.09	19.88	21.2
5		1	24	20.22	20.27	20.02	21.2
5		12	0	19.96	20.08	19.88	21.2
5		12	7	19.92	20.11	19.88	21.2
5		12	13	20.02	20.25	20.08	21.2
5		25	0	20.06	20.18	19.96	21.2
5	256QAM	1	0	17.96	18.04	17.97	19.2
5		1	12	17.99	18.12	18.01	19.2
5		1	24	17.8	18.04	17.95	19.2
5		12	0	17.89	18.07	18	19.2
5		12	7	17.91	18.08	17.95	19.2
5		12	13	17.94	18.13	18.01	19.2
5		25	0	17.92	18.17	17.98	19.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.21	19.26	19.3	19.23	19.19	20.2
20		1	49	19.01	19.08	19.24	19.1	18.99	20.2
20		1	99	19.08	19.22	19.27	19.15	19.09	20.2
20		50	0	19.12	19.18	19.27	19.1	19.14	20.2
20		50	24	18.88	18.98	19.06	18.85	18.89	20.2
20		50	50	18.94	18.96	19.12	18.95	18.96	20.2
20		100	0	19.05	19.06	19.17	19	18.96	20.2
20	16QAM	1	0	18.91	18.94	19.11	18.93	18.86	20.2
20		1	49	18.91	18.9	19.02	18.91	18.8	20.2
20		1	99	18.86	18.86	18.99	18.8	18.79	20.2
20		50	0	18.9	19.06	19.11	18.97	18.86	20.2
20		50	24	18.91	18.96	19.13	18.92	18.96	20.2
20		50	50	18.88	18.94	19.1	19	18.88	20.2
20		100	0	18.98	19.06	19.18	18.98	18.97	20.2
20	64QAM	1	0	19.06	19.01	19.17	19.02	18.98	20.2
20		1	49	18.96	19.03	19.12	18.9	18.98	20.2
20		1	99	19	19.1	19.21	19.03	19.05	20.2
20		50	0	19.14	19.17	19.24	19.07	19.1	20.2
20		50	24	18.94	19	19.16	19.03	18.9	20.2
20		50	50	19.06	18.98	19.17	18.96	19.03	20.2
20		100	0	19.02	19.14	19.23	19.08	18.97	20.2
20	256QAM	1	0	16.27	16.9	17.06	16.89	16.8	18.2
20		1	49	16.47	17.06	17.21	17.12	16.9	18.2
20		1	99	16.46	17.02	17.18	17.05	16.92	18.2
20		50	0	16.54	17.14	17.24	17.14	17.03	18.2
20		50	24	16.64	17.12	17.34	17.29	17.03	18.2
20		50	50	16.53	17.16	17.3	17.19	16.97	18.2
20		100	0	16.55	17.09	17.32	17.26	17.03	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.11	19.12	19.23	19.17	19.06	20.2
15		1	37	18.96	18.97	19.19	19	18.94	20.2
15		1	74	18.94	19.16	19.15	19.07	19.04	20.2
15		36	0	18.97	19.09	19.19	19.08	19.03	20.2
15		36	20	18.79	18.84	18.97	18.79	18.88	20.2
15		36	39	18.84	18.81	19.09	18.89	18.85	20.2
15		75	0	18.96	18.98	19.03	18.91	18.88	20.2
15	16QAM	1	0	18.79	18.8	19.06	18.88	18.82	20.2
15		1	37	18.89	18.85	18.89	18.81	18.74	20.2
15		1	74	18.75	18.84	18.93	18.66	18.77	20.2
15		36	0	18.85	18.99	19.01	18.86	18.74	20.2
15		36	20	18.87	18.83	18.99	18.86	18.81	20.2
15		36	39	18.8	18.82	18.95	18.91	18.76	20.2
15		75	0	18.88	19.04	19.07	18.89	18.91	20.2
15	64QAM	1	0	18.95	18.95	19.13	19	18.88	20.2
15		1	37	18.83	18.89	19.04	18.87	18.9	20.2
15		1	74	18.87	18.96	19.09	18.89	18.98	20.2
15		36	0	19.13	19.15	19.16	18.95	18.96	20.2
15		36	20	18.88	18.99	19.12	19	18.79	20.2
15		36	39	19.03	18.92	19.04	18.87	18.94	20.2
15		75	0	18.94	19.07	19.13	18.93	18.83	20.2
15	256QAM	1	0	16.24	16.79	16.95	16.86	16.79	18.2
15		1	37	16.44	16.97	17.09	17.11	16.88	18.2
15		1	74	16.33	16.97	17.1	16.97	16.82	18.2
15		36	0	16.5	17	17.2	17.01	16.98	18.2
15		36	20	16.56	17.04	17.24	17.16	16.88	18.2
15		36	39	16.47	17.13	17.23	17.12	16.94	18.2
15		75	0	16.41	16.98	17.22	17.22	16.95	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.17	19.19	19.24	19.1	19.1	20.2
10		1	25	18.87	19.02	19.22	19	18.9	20.2
10		1	49	18.95	19.11	19.23	19.04	19.04	20.2
10		25	0	19.1	19.07	19.17	18.98	19.03	20.2
10		25	12	18.73	18.86	19.01	18.78	18.84	20.2
10		25	25	18.85	18.92	19.09	18.82	18.88	20.2
10		50	0	19	18.97	19.04	18.92	18.87	20.2
10	16QAM	1	0	18.87	18.91	19.09	18.91	18.77	20.2
10		1	25	18.86	18.83	18.99	18.8	18.71	20.2
10		1	49	18.83	18.8	18.97	18.77	18.64	20.2
10		25	0	18.82	18.93	19.05	18.86	18.79	20.2
10		25	12	18.84	18.9	18.99	18.84	18.84	20.2
10		25	25	18.86	18.88	19.02	18.98	18.77	20.2
10		50	0	18.91	18.97	19.15	18.84	18.95	20.2
10	64QAM	1	0	19.03	18.88	19.09	18.94	18.86	20.2
10		1	25	18.82	18.94	19.04	18.81	18.89	20.2
10		1	49	18.94	19.03	19.14	18.97	18.97	20.2
10		25	0	19.13	19.04	19.23	18.99	18.98	20.2
10		25	12	18.88	18.98	19.12	18.98	18.87	20.2
10		25	25	19	18.96	19.05	18.83	18.93	20.2
10		50	0	18.93	18.99	19.19	19	18.84	20.2
10	256QAM	1	0	16.24	16.77	17.01	16.75	16.76	18.2
10		1	25	16.46	16.99	17.17	17.06	16.83	18.2
10		1	49	16.38	17	17.15	17.03	16.88	18.2
10		25	0	16.44	17.1	17.15	17.09	16.94	18.2
10		25	12	16.57	16.97	17.31	17.24	16.89	18.2
10		25	25	16.45	17.02	17.16	17.14	16.84	18.2
10		50	0	16.44	17.05	17.19	17.16	17.01	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.15	19.24	19.16	19.1	19.1	20.2
5		1	12	18.96	19.02	19.2	19.01	18.95	20.2
5		1	24	18.94	19.21	19.13	19.11	19	20.2
5		12	0	19.05	19.17	19.14	18.95	19.12	20.2
5		12	7	18.84	18.89	18.98	18.79	18.78	20.2
5		12	13	18.8	18.95	19.02	18.85	18.89	20.2
5		25	0	19.03	18.96	19.16	18.98	18.9	20.2
5	16QAM	1	0	18.83	18.82	19.07	18.83	18.83	20.2
5		1	12	18.79	18.77	18.87	18.82	18.78	20.2
5		1	24	18.82	18.79	18.98	18.73	18.71	20.2
5		12	0	18.88	18.95	18.97	18.85	18.8	20.2
5		12	7	18.87	18.9	19.07	18.79	18.94	20.2
5		12	13	18.77	18.89	19.09	18.95	18.73	20.2
5		25	0	18.96	18.93	19.09	18.95	18.92	20.2
5	64QAM	1	0	18.99	18.89	19.15	18.96	18.94	20.2
5		1	12	18.95	19.01	19.09	18.79	18.94	20.2
5		1	24	18.85	19.04	19.17	18.94	18.99	20.2
5		12	0	19.11	19.1	19.21	19.04	19.09	20.2
5		12	7	18.82	18.95	19.02	18.92	18.83	20.2
5		12	13	19.02	18.87	19.11	18.83	18.89	20.2
5		25	0	18.88	19.01	19.18	19.01	18.83	20.2
5	256QAM	1	0	16.18	16.82	16.97	16.75	16.77	18.2
5		1	12	16.44	16.94	17.2	17.07	16.8	18.2
5		1	24	16.4	16.89	17.06	16.93	16.8	18.2
5		12	0	16.51	17.1	17.15	17.06	16.93	18.2
5		12	7	16.58	17.05	17.32	17.17	16.97	18.2
5		12	13	16.46	17.06	17.16	17.15	16.93	18.2
5		25	0	16.5	17.06	17.29	17.21	16.95	18.2

<LTE Band 42 (27Q)_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.58	17.63	17.47	18.8
20		1	49	17.49	17.61	17.32	18.8
20		1	99	17.37	17.57	17.27	18.8
20		50	0	17.51	17.61	17.35	18.8
20		50	24	17.37	17.46	17.24	18.8
20		50	50	17.31	17.44	17.17	18.8
20		100	0	17.39	17.53	17.23	18.8
20	16QAM	1	0	17.29	17.41	17.15	18.8
20		1	49	17.21	17.29	17.02	18.8
20		1	99	17.22	17.31	17.09	18.8
20		50	0	17.33	17.39	17.18	18.8
20		50	24	17.24	17.4	17.1	18.8
20		50	50	17.3	17.45	17.26	18.8
20		100	0	17.28	17.46	17.15	18.8
20	64QAM	1	0	17.35	17.42	17.15	18.8
20		1	49	17.18	17.33	17.04	18.8
20		1	99	17.45	17.6	17.34	18.8
20		50	0	17.32	17.47	17.19	18.8
20		50	24	17.18	17.36	17.09	18.8
20		50	50	17.48	17.55	17.26	18.8
20		100	0	17.28	17.47	17.17	18.8
20	256QAM	1	0	15.66	15.75	15.65	16.8
20		1	49	15.6	15.71	15.55	16.8
20		1	99	15.71	15.85	15.81	16.8
20		50	0	15.71	15.8	15.76	16.8
20		50	24	15.58	15.73	15.63	16.8
20		50	50	15.59	15.72	15.64	16.8
20		100	0	15.62	15.75	15.67	16.8
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.49	17.48	17.44	18.8
15		1	37	17.42	17.57	17.22	18.8
15		1	74	17.36	17.51	17.16	18.8
15		36	0	17.43	17.5	17.29	18.8
15		36	20	17.31	17.34	17.21	18.8
15		36	39	17.21	17.4	17.06	18.8
15		75	0	17.3	17.48	17.09	18.8
15	16QAM	1	0	17.17	17.32	17.06	18.8
15		1	37	17.12	17.14	16.92	18.8
15		1	74	17.16	17.18	17.02	18.8
15		36	0	17.19	17.26	17.12	18.8
15		36	20	17.23	17.25	17	18.8
15		36	39	17.16	17.34	17.16	18.8
15		75	0	17.25	17.39	17.06	18.8
15	64QAM	1	0	17.25	17.32	17.02	18.8
15		1	37	17.04	17.31	16.97	18.8
15		1	74	17.34	17.48	17.33	18.8
15		36	0	17.21	17.45	17.04	18.8
15		36	20	17.1	17.25	16.96	18.8
15		36	39	17.39	17.52	17.14	18.8
15		75	0	17.19	17.44	17.11	18.8
15	256QAM	1	0	15.52	15.73	15.51	16.8
15		1	37	15.49	15.6	15.48	16.8
15		1	74	15.68	15.78	15.67	16.8
15		36	0	15.69	15.67	15.7	16.8
15		36	20	15.46	15.6	15.49	16.8
15		36	39	15.5	15.59	15.54	16.8
15		75	0	15.53	15.64	15.64	16.8
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.48	17.49	17.41	18.8
10		1	25	17.4	17.57	17.29	18.8
10		1	49	17.26	17.46	17.15	18.8
10		25	0	17.44	17.51	17.33	18.8
10		25	12	17.34	17.37	17.2	18.8
10		25	25	17.25	17.37	17.04	18.8
10		50	0	17.32	17.49	17.1	18.8
10	16QAM	1	0	17.24	17.32	17.09	18.8
10		1	25	17.2	17.26	16.9	18.8
10		1	49	17.14	17.27	16.96	18.8
10		25	0	17.31	17.27	17.15	18.8
10		25	12	17.19	17.31	17.02	18.8
10		25	25	17.27	17.36	17.12	18.8
10		50	0	17.25	17.32	17.11	18.8
10	64QAM	1	0	17.28	17.34	17.06	18.8
10		1	25	17.14	17.32	16.96	18.8
10		1	49	17.41	17.58	17.24	18.8
10		25	0	17.23	17.33	17.14	18.8
10		25	12	17.11	17.28	17.06	18.8
10		25	25	17.42	17.42	17.24	18.8
10		50	0	17.19	17.36	17.14	18.8
10	256QAM	1	0	15.62	15.74	15.6	16.8
10		1	25	15.45	15.62	15.53	16.8
10		1	49	15.66	15.71	15.79	16.8
10		25	0	15.67	15.72	15.71	16.8
10		25	12	15.5	15.66	15.59	16.8
10		25	25	15.57	15.63	15.58	16.8
10		50	0	15.48	15.73	15.64	16.8
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.45	17.56	17.34	18.8
5		1	12	17.38	17.54	17.31	18.8
5		1	24	17.23	17.55	17.2	18.8
5		12	0	17.39	17.49	17.33	18.8
5		12	7	17.33	17.32	17.22	18.8
5		12	13	17.17	17.43	17.03	18.8
5		25	0	17.35	17.49	17.13	18.8
5	16QAM	1	0	17.26	17.26	17.07	18.8
5		1	12	17.14	17.16	16.96	18.8
5		1	24	17.17	17.2	16.94	18.8
5		12	0	17.21	17.29	17.12	18.8
5		12	7	17.14	17.39	17	18.8
5		12	13	17.16	17.42	17.21	18.8
5		25	0	17.23	17.4	17.13	18.8
5	64QAM	1	0	17.3	17.37	17.07	18.8
5		1	12	17.14	17.28	16.92	18.8
5		1	24	17.31	17.52	17.24	18.8
5		12	0	17.27	17.37	17.06	18.8
5		12	7	17.07	17.23	16.95	18.8
5		12	13	17.36	17.4	17.13	18.8
5		25	0	17.21	17.39	17.11	18.8
5	256QAM	1	0	15.64	15.67	15.64	16.8
5		1	12	15.52	15.6	15.47	16.8
5		1	24	15.65	15.84	15.7	16.8
5		12	0	15.65	15.68	15.74	16.8
5		12	7	15.46	15.65	15.54	16.8
5		12	13	15.55	15.69	15.56	16.8
5		25	0	15.58	15.62	15.6	16.8

<LTE Band 48_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.91	17.97	18.03	17.88	17.82	18.9
20		1	49	17.66	17.75	17.92	17.62	17.6	18.9
20		1	99	17.82	17.82	17.96	17.79	17.71	18.9
20		50	0	17.85	17.79	17.98	17.8	17.72	18.9
20		50	24	17.56	17.75	17.82	17.55	17.52	18.9
20		50	50	17.61	17.67	17.85	17.67	17.63	18.9
20		100	0	17.77	17.73	17.93	17.67	17.61	18.9
20	16QAM	1	0	17.63	17.63	17.78	17.49	17.45	18.9
20		1	49	17.66	17.7	17.85	17.69	17.51	18.9
20		1	99	17.61	17.62	17.76	17.54	17.45	18.9
20		50	0	16.76	16.94	17.11	16.9	16.62	17.9
20		50	24	16.79	16.96	17.14	16.96	16.73	17.9
20		50	50	16.63	16.87	17.06	16.87	16.57	17.9
20		100	0	16.69	16.93	17.04	16.89	16.59	17.9
20	64QAM	1	0	16.78	16.97	17.14	16.88	16.68	17.9
20		1	49	16.95	17.11	17.29	17.15	16.81	17.9
20		1	99	16.86	17.11	17.24	17.04	16.85	17.9
20		50	0	15.75	15.89	16.07	15.92	15.6	16.9
20		50	24	15.69	15.91	16.1	15.88	15.67	16.9
20		50	50	15.69	15.88	16.02	15.81	15.63	16.9
20		100	0	15.74	16.02	16.14	15.89	15.71	16.9
20	256QAM	1	0	13.78	14	14.1	13.93	13.66	14.9
20		1	49	13.76	13.96	14.09	13.88	13.7	14.9
20		1	99	13.78	13.99	14.11	13.88	13.74	14.9
20		50	0	13.77	14.05	14.17	13.98	13.79	14.9
20		50	24	13.82	14.06	14.15	13.95	13.7	14.9
20		50	50	13.85	13.97	14.17	14.01	13.85	14.9
20		100	0	13.79	14.08	14.18	13.96	13.83	14.9
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.81	17.84	17.92	17.77	17.71	18.9
15		1	37	17.63	17.72	17.81	17.48	17.5	18.9
15		1	74	17.8	17.79	17.91	17.68	17.7	18.9
15		36	0	17.82	17.74	17.87	17.75	17.65	18.9
15		36	20	17.5	17.64	17.71	17.43	17.46	18.9
15		36	39	17.6	17.53	17.82	17.63	17.56	18.9
15		75	0	17.67	17.71	17.86	17.59	17.52	18.9
15	16QAM	1	0	17.57	17.53	17.68	17.46	17.44	18.9
15		1	37	17.52	17.67	17.72	17.65	17.39	18.9
15		1	74	17.51	17.61	17.65	17.42	17.44	18.9
15		36	0	16.65	16.92	16.98	16.76	16.59	17.9
15		36	20	16.77	16.89	17.03	16.95	16.61	17.9
15		36	39	16.52	16.74	16.97	16.79	16.45	17.9
15		75	0	16.59	16.78	17	16.86	16.54	17.9
15	64QAM	1	0	16.68	16.88	17.05	16.77	16.65	17.9
15		1	37	16.82	16.99	17.27	17.05	16.79	17.9
15		1	74	16.8	17.01	17.16	16.95	16.79	17.9
15		36	0	15.69	15.77	15.99	15.86	15.46	16.9
15		36	20	15.65	15.82	16.06	15.82	15.57	16.9
15		36	39	15.66	15.76	15.98	15.67	15.56	16.9
15		75	0	15.59	15.89	16.08	15.77	15.69	16.9
15	256QAM	1	0	13.77	13.89	14.03	13.88	13.58	14.9
15		1	37	13.63	13.88	13.96	13.78	13.65	14.9
15		1	74	13.68	13.86	14	13.81	13.68	14.9
15		36	0	13.65	14.02	14.15	13.87	13.77	14.9
15		36	20	13.72	14.03	14.06	13.86	13.67	14.9
15		36	39	13.71	13.87	14.02	13.99	13.77	14.9
15		75	0	13.69	13.99	14.05	13.94	13.69	14.9
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.86	17.86	18.01	17.75	17.78	18.9
10		1	25	17.62	17.74	17.91	17.51	17.52	18.9
10		1	49	17.8	17.78	17.87	17.77	17.6	18.9
10		25	0	17.73	17.71	17.88	17.74	17.64	18.9
10		25	12	17.51	17.73	17.77	17.5	17.44	18.9
10		25	25	17.47	17.62	17.81	17.63	17.62	18.9
10		50	0	17.66	17.71	17.8	17.56	17.47	18.9
10	16QAM	1	0	17.49	17.59	17.69	17.42	17.3	18.9
10		1	25	17.52	17.67	17.7	17.6	17.45	18.9
10		1	49	17.51	17.51	17.69	17.45	17.32	18.9
10		25	0	16.62	16.81	17	16.75	16.54	17.9
10		25	12	16.78	16.91	17	16.95	16.59	17.9
10		25	25	16.56	16.85	16.92	16.85	16.5	17.9
10		50	0	16.55	16.84	16.96	16.76	16.57	17.9
10	64QAM	1	0	16.67	16.93	17.04	16.76	16.58	17.9
10		1	25	16.84	17.04	17.24	17.09	16.76	17.9
10		1	49	16.84	16.98	17.12	17.02	16.71	17.9
10		25	0	15.63	15.86	16.06	15.89	15.51	16.9
10		25	12	15.63	15.77	15.95	15.8	15.65	16.9
10		25	25	15.59	15.84	16	15.69	15.6	16.9
10		50	0	15.66	15.99	16.11	15.77	15.6	16.9
10	256QAM	1	0	13.74	13.92	14.04	13.88	13.62	14.9
10		1	25	13.64	13.93	13.98	13.77	13.59	14.9
10		1	49	13.72	13.91	13.99	13.87	13.71	14.9
10		25	0	13.72	13.95	14.14	13.9	13.75	14.9
10		25	12	13.68	13.97	14.05	13.89	13.63	14.9
10		25	25	13.72	13.92	14.03	13.91	13.75	14.9
10		50	0	13.68	13.98	14.06	13.91	13.74	14.9
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.82	17.9	17.97	17.73	17.7	18.9
5		1	12	17.56	17.68	17.85	17.48	17.5	18.9
5		1	24	17.69	17.74	17.87	17.76	17.57	18.9
5		12	0	17.78	17.65	17.86	17.74	17.61	18.9
5		12	7	17.54	17.71	17.76	17.52	17.43	18.9
5		12	13	17.46	17.63	17.77	17.57	17.49	18.9
5		25	0	17.72	17.67	17.8	17.52	17.47	18.9
5	16QAM	1	0	17.5	17.62	17.75	17.42	17.32	18.9
5		1	12	17.61	17.61	17.78	17.61	17.46	18.9
5		1	24	17.59	17.58	17.69	17.48	17.37	18.9
5		12	0	16.7	16.86	16.99	16.79	16.57	17.9
5		12	7	16.74	16.89	17.07	16.86	16.6	17.9
5		12	13	16.59	16.81	16.94	16.79	16.44	17.9
5		25	0	16.64	16.81	16.97	16.8	16.51	17.9
5	64QAM	1	0	16.63	16.88	17.08	16.78	16.53	17.9
5		1	12	16.81	17.05	17.17	17.07	16.66	17.9
5		1	24	16.79	17.06	17.15	16.92	16.75	17.9
5		12	0	15.72	15.81	15.94	15.82	15.46	16.9
5		12	7	15.68	15.82	16.03	15.76	15.6	16.9
5		12	13	15.59	15.78	15.9	15.67	15.55	16.9
5		25	0	15.65	15.95	16.07	15.85	15.63	16.9
5	256QAM	1	0	13.65	13.95	13.95	13.91	13.52	14.9
5		1	12	13.64	13.86	13.95	13.85	13.55	14.9
5		1	24	13.66	13.87	14.02	13.84	13.59	14.9
5		12	0	13.63	13.94	14.03	13.93	13.76	14.9
5		12	7	13.8	13.98	14.13	13.86	13.62	14.9
5		12	13	13.79	13.89	14.05	13.95	13.83	14.9
5		25	0	13.7	13.95	14.1	13.92	13.71	14.9

<LTE Band 5_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.55	25.12	24.66	25.7
10		1	25	24.53	25.04	24.66	25.7
10		1	49	24.58	24.81	24.52	25.7
10		25	0	23.59	23.94	23.56	24.7
10		25	12	23.36	23.92	23.34	24.7
10		25	25	23.35	23.86	23.5	24.7
10		50	0	23.44	23.71	23.41	24.7
10	16QAM	1	0	23.02	24.13	23.8	24.7
10		1	25	23.77	24.01	23.69	24.7
10		1	49	23.81	24.05	23.7	24.7
10		25	0	22.66	22.97	22.7	23.7
10		25	12	22.6	22.98	22.72	23.7
10		25	25	22.64	22.86	22.5	23.7
10		50	0	22.73	22.9	22.63	23.7
10	64QAM	1	0	24.02	24.23	23.95	24.7
10		1	25	23.99	24.24	23.91	24.7
10		1	49	23.75	24.06	23.89	24.7
10		25	0	22.64	22.87	22.62	23.7
10		25	12	22.48	22.7	22.35	23.7
10		25	25	22.64	22.83	22.46	23.7
10		50	0	22.45	22.75	22.37	23.7
10	256QAM	1	0	19.79	19.96	19.71	20.7
10		1	25	19.76	19.92	19.57	20.7
10		1	49	19.67	19.84	19.53	20.7
10		25	0	19.72	19.87	19.58	20.7
10		25	12	19.7	19.86	19.52	20.7
10		25	25	19.68	19.83	19.51	20.7
10		50	0	19.76	19.91	19.58	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.65	24.89	24.76	25.7
5		1	12	24.78	24.99	24.58	25.7
5		1	24	24.53	24.78	24.41	25.7
5		12	0	23.48	23.74	23.46	24.7
5		12	7	23.31	23.55	23.31	24.7
5		12	13	23.64	23.72	23.39	24.7
5		25	0	23.4	23.64	23.39	24.7
5	16QAM	1	0	23.81	24.12	23.77	24.7
5		1	12	23.74	23.88	23.58	24.7
5		1	24	23.68	23.93	23.61	24.7
5		12	0	22.6	22.95	22.61	23.7
5		12	7	22.71	22.91	22.58	23.7
5		12	13	22.59	22.86	22.36	23.7
5		25	0	22.66	22.75	22.55	23.7
5	64QAM	1	0	23.95	24.15	23.87	24.7
5		1	12	23.85	24.15	23.76	24.7
5		1	24	23.61	24.04	23.61	24.7
5		12	0	22.55	22.79	22.6	23.7
5		12	7	22.41	22.69	22.3	23.7
5		12	13	22.54	22.71	22.45	23.7
5		25	0	22.37	22.73	22.31	23.7
5	256QAM	1	0	19.73	19.92	19.58	20.7
5		1	12	19.7	19.83	19.46	20.7
5		1	24	19.52	19.73	19.5	20.7
5		12	0	19.67	19.77	19.55	20.7
5		12	7	19.68	19.72	19.45	20.7
5		12	13	19.55	19.79	19.43	20.7
5		25	0	19.69	19.84	19.46	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.91	25.08	24.75	25.7
3		1	8	24.79	24.93	24.52	25.7
3		1	14	24.56	24.72	24.42	25.7
3		8	0	23.45	23.74	23.46	24.7
3		8	4	23.31	23.52	23.31	24.7
3		8	7	23.53	23.75	23.4	24.7
3		15	0	23.32	23.59	23.38	24.7
3	16QAM	1	0	23.78	24.07	23.72	24.7
3		1	8	23.63	23.92	23.57	24.7
3		1	14	23.67	23.94	23.57	24.7
3		8	0	22.57	22.84	22.6	23.7
3		8	4	22.73	22.85	22.59	23.7
3		8	7	22.52	22.83	22.36	23.7
3		15	0	22.66	22.76	22.53	23.7
3	64QAM	1	0	24	24.12	23.94	24.7
3		1	8	23.87	24.19	23.78	24.7
3		1	14	23.73	23.96	23.66	24.7
3		8	0	22.52	22.76	22.58	23.7
3		8	4	22.38	22.55	22.33	23.7
3		8	7	22.62	22.79	22.31	23.7
3		15	0	22.44	22.62	22.33	23.7
3	256QAM	1	0	19.71	19.86	19.58	20.7
3		1	8	19.7	19.87	19.45	20.7
3		1	14	19.61	19.78	19.49	20.7
3		8	0	19.58	19.84	19.55	20.7
3		8	4	19.66	19.81	19.41	20.7
3		8	7	19.63	19.77	19.39	20.7
3		15	0	19.63	19.82	19.57	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.62	25.02	24.76	25.7
1.4		1	3	24.7	24.92	24.52	25.7
1.4		1	5	24.46	24.74	24.45	25.7
1.4		3	0	24.47	24.71	24.41	25.7
1.4		3	1	24.31	24.54	24.32	25.7
1.4		3	3	24.61	24.8	24.44	25.7
1.4		6	0	23.38	23.69	23.32	24.7
1.4	16QAM	1	0	23.85	24.01	23.77	24.7
1.4		1	3	23.72	23.99	23.67	24.7
1.4		1	5	23.75	24.02	23.58	24.7
1.4		3	0	23.61	23.89	23.65	24.7
1.4		3	1	23.66	23.97	23.67	24.7
1.4		3	3	23.53	23.73	23.36	24.7
1.4		6	0	22.64	22.8	22.56	23.7
1.4	64QAM	1	0	22.91	23.17	22.94	23.7
1.4		1	3	22.85	23.19	22.86	23.7
1.4		1	5	22.61	22.91	22.64	23.7
1.4		3	0	22.48	22.65	22.48	23.7
1.4		3	1	22.37	22.58	22.33	23.7
1.4		3	3	22.54	22.76	22.32	23.7
1.4		6	0	21.38	21.73	21.35	22.7
1.4	256QAM	1	0	19.76	19.89	19.66	20.7
1.4		1	3	19.66	19.82	19.44	20.7
1.4		1	5	19.55	19.72	19.45	20.7
1.4		3	0	19.69	19.85	19.58	20.7
1.4		3	1	19.6	19.84	19.4	20.7
1.4		3	3	19.62	19.75	19.37	20.7
1.4		6	0	19.62	19.87	19.51	20.7

<LTE Band 12_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	24.65	24.63	24.69	25.7
10		1	25	24.56	24.75	24.61	25.7
10		1	49	24.6	24.79	24.67	25.7
10		25	0	23.7	23.65	23.73	24.7
10		25	12	23.69	23.91	23.65	24.7
10		25	25	23.63	23.83	23.76	24.7
10		50	0	23.66	23.62	23.74	24.7
10	16QAM	1	0	23.79	23.98	23.85	24.7
10		1	25	23.97	24.1	23.92	24.7
10		1	49	23.88	24.06	23.96	24.7
10		25	0	22.75	22.91	22.83	23.7
10		25	12	22.71	22.91	22.84	23.7
10		25	25	22.67	22.83	22.69	23.7
10		50	0	22.79	22.88	22.72	23.7
10	64QAM	1	0	22.9	23	22.82	23.7
10		1	25	23.01	23.1	22.88	23.7
10		1	49	22.88	23.04	22.88	23.7
10		25	0	21.72	21.86	21.8	22.7
10		25	12	21.68	21.82	21.71	22.7
10		25	25	21.74	21.93	21.8	22.7
10		50	0	21.64	21.84	21.66	22.7
10	256QAM	1	0	19.47	19.68	19.61	20.7
10		1	25	19.66	19.75	19.67	20.7
10		1	49	19.61	19.68	19.53	20.7
10		25	0	19.7	19.61	19.64	20.7
10		25	12	19.7	19.86	19.79	20.7
10		25	25	19.55	19.66	19.51	20.7
10		50	0	19.61	19.71	19.53	20.7
Channel				23030	23095	23151	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	710.5	
5	QPSK	1	0	24.71	24.91	24.8	25.7
5		1	12	24.41	24.73	24.56	25.7
5		1	24	24.51	24.72	24.54	25.7
5		12	0	23.66	23.77	23.65	24.7
5		12	7	23.56	23.72	23.7	24.7
5		12	13	23.58	23.75	23.69	24.7
5		25	0	23.57	23.64	23.73	24.7
5	16QAM	1	0	23.67	23.87	23.74	24.7
5		1	12	23.67	24.01	23.62	24.7
5		1	24	23.65	24	23.63	24.7
5		12	0	22.65	22.78	22.8	23.7
5		12	7	22.59	22.89	22.8	23.7
5		12	13	22.53	22.75	22.58	23.7
5		25	0	22.7	22.83	22.61	23.7
5	64QAM	1	0	22.77	22.94	22.71	23.7
5		1	12	22.93	22.98	22.88	23.7
5		1	24	22.75	22.94	22.8	23.7
5		12	0	21.6	21.77	21.73	22.7
5		12	7	21.63	21.77	21.61	22.7
5		12	13	21.61	21.79	21.74	22.7
5		25	0	21.62	21.82	21.65	22.7
5	256QAM	1	0	19.42	19.62	19.47	20.7
5		1	12	19.63	19.72	19.59	20.7
5		1	24	19.58	19.54	19.4	20.7
5		12	0	19.63	19.71	19.61	20.7
5		12	7	19.67	19.73	19.67	20.7
5		12	13	19.42	19.59	19.42	20.7
5		25	0	19.44	19.57	19.5	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				706.5	707.5	714.5	
3	QPSK	1	0	24.75	24.63	24.77	25.7
3		1	8	24.47	24.73	24.52	25.7
3		1	14	24.5	24.69	24.53	25.7
3		8	0	23.65	23.63	23.62	24.7
3		8	4	23.57	23.64	23.67	24.7
3		8	7	23.48	23.68	23.71	24.7
3		15	0	23.56	23.79	23.66	24.7
3	16QAM	1	0	23.7	23.94	23.73	24.7
3		1	8	23.53	23.96	23.66	24.7
3		1	14	23.66	23.93	23.91	24.7
3		8	0	22.61	22.78	22.76	23.7
3		8	4	22.64	22.82	22.79	23.7
3		8	7	22.65	22.69	22.55	23.7
3		15	0	22.74	22.75	22.68	23.7
3	64QAM	1	0	22.85	22.96	22.77	23.7
3		1	8	22.96	23.02	22.86	23.7
3		1	14	22.8	22.95	22.78	23.7
3		8	0	21.73	21.75	21.76	22.7
3		8	4	21.8	21.71	21.59	22.7
3		8	7	21.65	21.86	21.68	22.7
3		15	0	21.63	21.73	21.61	22.7
3	256QAM	1	0	19.37	19.56	19.58	20.7
3		1	8	19.58	19.67	19.53	20.7
3		1	14	19.57	19.64	19.47	20.7
3		8	0	19.63	19.66	19.58	20.7
3		8	4	19.67	19.72	19.7	20.7
3		8	7	19.44	19.52	19.41	20.7
3		15	0	19.49	19.66	19.47	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				706.7	707.5	715.3	
1.4	QPSK	1	0	24.81	24.65	24.8	25.7
1.4		1	3	24.5	24.67	24.57	25.7
1.4		1	5	24.52	24.69	24.61	25.7
1.4		3	0	24.61	24.82	24.58	25.7
1.4		3	1	24.63	24.67	24.59	25.7
1.4		3	3	24.48	24.74	24.63	25.7
1.4		6	0	23.63	23.84	23.66	24.7
1.4	16QAM	1	0	23.66	23.87	23.81	24.7
1.4		1	3	23.67	24.02	23.79	24.7
1.4		1	5	23.76	24.03	23.84	24.7
1.4		3	0	23.64	23.88	23.79	24.7
1.4		3	1	23.65	23.86	23.7	24.7
1.4		3	3	23.59	23.77	23.58	24.7
1.4		6	0	22.75	22.79	22.7	23.7
1.4	64QAM	1	0	22.83	22.97	22.66	23.7
1.4		1	3	22.89	23.02	22.89	23.7
1.4		1	5	22.77	23.02	22.78	23.7
1.4		3	0	22.66	22.82	22.73	23.7
1.4		3	1	22.64	22.76	22.57	23.7
1.4		3	3	22.65	22.79	22.76	23.7
1.4		6	0	21.58	21.71	21.58	22.7
1.4	256QAM	1	0	19.72	19.62	19.59	20.7
1.4		1	3	19.63	19.72	19.58	20.7
1.4		1	5	19.47	19.55	19.46	20.7
1.4		3	0	19.59	19.7	19.62	20.7
1.4		3	1	19.69	19.76	19.78	20.7
1.4		3	3	19.49	19.6	19.43	20.7
1.4		6	0	19.42	19.58	19.44	20.7

<LTE Band 13_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.7
10		1	25		24.96		25.7
10		1	49		24.98		25.7
10		25	0		24.12		24.7
10		25	12		24.1		24.7
10		25	25		23.98		24.7
10		50	0		23.98		24.7
10	16QAM	1	0		23.99		24.7
10		1	25		24.04		24.7
10		1	49		24.13		24.7
10		25	0		23.01		23.7
10		25	12		23.06		23.7
10		25	25		23.06		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.05		23.7
10		1	25		23.06		23.7
10		1	49		23.09		23.7
10		25	0		21.98		22.7
10		25	12		22.17		22.7
10		25	25		22.01		22.7
10		50	0		22.08		22.7
10	256QAM	1	0		19.95		20.7
10		1	25		19.93		20.7
10		1	49		19.95		20.7
10		25	0		20.04		20.7
10		25	12		20.14		20.7
10		25	25		20.16		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0		24.87	24.88	24.81	25.7
5		1	12		24.68	24.82	24.72	25.7
5		1	24		24.74	24.9	24.81	25.7
5		12	0		23.69	23.77	23.56	24.7
5		12	7		23.66	24.02	23.84	24.7
5		12	13		23.77	23.91	23.78	24.7
5		25	0		23.72	23.76	23.52	24.7
5	16QAM	1	0		23.65	23.87	23.68	24.7
5		1	12		23.68	23.92	23.78	24.7
5		1	24		23.67	24.09	23.98	24.7
5		12	0		22.78	22.88	22.77	23.7
5		12	7		23.02	23.06	22.93	23.7
5		12	13		23.07	22.99	22.9	23.7
5		25	0		22.77	22.88	22.7	23.7
5	64QAM	1	0		22.71	22.82	22.75	23.7
5		1	12		22.82	22.89	22.77	23.7
5		1	24		23.01	23.03	22.91	23.7
5		12	0		21.81	21.82	21.75	22.7
5		12	7		21.91	22.06	21.96	22.7
5		12	13		21.8	21.94	21.84	22.7
5		25	0		21.91	22.03	21.91	22.7
5	256QAM	1	0		19.79	19.88	19.77	20.7
5		1	12		19.79	19.85	19.77	20.7
5		1	24		19.81	19.75	19.88	20.7
5		12	0		19.76	19.89	19.8	20.7
5		12	7		19.99	20.02	19.89	20.7
5		12	13		19.84	19.97	19.85	20.7
5		25	0		20.06	20.09	19.95	20.7

<LTE Band 17_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				706	710	714	
10	QPSK	1	0	23.83	24	24	24.7
10		1	25	23.93	24.04	23.93	24.7
10		1	49	23.83	23.98	23.82	24.7
10		25	0	23.07	23.45	23.08	24.7
10		25	12	23.07	23.32	23.75	24.7
10		25	25	23.04	23.89	23.76	24.7
10		50	0	23.08	23.3	23.7	24.7
10	16QAM	1	0	23.88	24.13	24.02	24.7
10		1	25	23.79	24.04	23.9	24.7
10		1	49	24.06	24.31	24.11	24.7
10		25	0	22.72	23	22.76	23.7
10		25	12	22.64	22.95	22.72	23.7
10		25	25	22.75	23	22.83	23.7
10		50	0	22.68	22.95	22.83	23.7
10	64QAM	1	0	22.7	23.02	22.87	23.7
10		1	25	22.8	23.01	22.91	23.7
10		1	49	22.8	23.1	22.93	23.7
10		25	0	21.6	21.92	21.81	22.7
10		25	12	21.67	21.97	21.77	22.7
10		25	25	21.77	21.99	21.75	22.7
10		50	0	21.66	21.88	21.77	22.7
10	256QAM	1	0	19.7	19.91	19.82	20.7
10		1	25	19.64	19.85	19.73	20.7
10		1	49	19.47	19.75	19.8	20.7
10		25	0	19.61	19.89	19.7	20.7
10		25	12	19.77	20.02	19.93	20.7
10		25	25	19.7	19.97	19.88	20.7
10		50	0	19.87	20.08	19.86	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.99	23.94	23.97	24.7
5		1	12	23.92	23.96	23.84	24.7
5		1	24	23.82	23.93	23.71	24.7
5		12	0	23.01	23.82	23.64	24.7
5		12	7	23.54	23.82	23.66	24.7
5		12	13	23.53	23.78	23.71	24.7
5		25	0	23.39	23.66	23.57	24.7
5	16QAM	1	0	23.8	24.11	23.88	24.7
5		1	12	23.99	23.98	23.82	24.7
5		1	24	24.09	24.29	24	24.7
5		12	0	22.59	22.98	22.75	23.7
5		12	7	22.53	22.95	22.58	23.7
5		12	13	22.68	22.99	22.68	23.7
5		25	0	22.57	22.8	22.75	23.7
5	64QAM	1	0	22.6	22.95	22.76	23.7
5		1	12	22.79	22.98	22.88	23.7
5		1	24	22.7	22.99	22.78	23.7
5		12	0	21.57	21.87	21.73	22.7
5		12	7	21.65	21.75	21.62	22.7
5		12	13	21.63	21.86	21.68	22.7
5		25	0	21.54	21.78	21.64	22.7
5	256QAM	1	0	19.57	19.82	19.75	20.7
5		1	12	19.58	19.79	19.67	20.7
5		1	24	19.41	19.73	19.51	20.7
5		12	0	19.5	19.85	19.64	20.7
5		12	7	19.69	19.92	19.84	20.7
5		12	13	19.66	19.85	19.75	20.7
5		25	0	19.74	20.05	19.76	20.7

<LTE Band 26_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.49	24.55	24.45	25.7
15		1	37	24.78	24.89	24.67	25.7
15		1	74	24.67	24.94	24.78	25.7
15		36	0	24.04	24.14	24.02	24.7
15		36	20	23.81	23.95	23.83	24.7
15		36	39	23.91	24.01	23.86	24.7
15		75	0	23.94	24.11	23.97	24.7
15	16QAM	1	0	23.88	24.01	23.84	24.7
15		1	37	24.03	24.13	24.01	24.7
15		1	74	23.97	24.16	23.95	24.7
15		36	0	22.89	23.05	22.89	23.7
15		36	20	22.96	23.03	22.89	23.7
15		36	39	23.09	23.09	23.07	23.7
15		75	0	22.83	22.94	22.79	23.7
15	64QAM	1	0	22.93	23.07	22.88	23.7
15		1	37	22.77	22.98	22.83	23.7
15		1	74	22.89	22.98	22.79	23.7
15		36	0	21.83	21.98	21.77	22.7
15		36	20	21.82	21.9	21.67	22.7
15		36	39	21.82	21.96	21.76	22.7
15		75	0	21.88	22.07	21.93	22.7
15	256QAM	1	0	19.65	20	19.91	20.7
15		1	37	19.59	20.09	19.95	20.7
15		1	74	19.92	20.07	19.93	20.7
15		36	0	20.01	20.09	19.92	20.7
15		36	20	19.87	20.03	19.88	20.7
15		36	39	20.06	20.17	20.08	20.7
15		75	0	19.88	20.13	19.97	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.79	24.85	24.76	25.7
10		1	25	24.69	24.75	24.58	25.7
10		1	49	24.75	24.92	24.75	25.7
10		50	0	23.99	24.05	23.94	24.7
10		25	12	23.77	23.89	23.81	24.7
10		25	25	23.77	23.99	23.73	24.7
10		50	0	23.89	23.98	23.77	24.7
10	16QAM	1	0	23.74	23.96	23.74	24.7
10		1	25	23.9	24.04	23.89	24.7
10		1	49	23.91	24.05	23.91	24.7
10		50	0	22.84	22.96	22.79	23.7
10		25	12	22.92	22.96	22.78	23.7
10		25	25	22.74	23.03	22.81	23.7
10		50	0	22.7	22.9	22.69	23.7
10	64QAM	1	0	22.84	23.03	22.77	23.7
10		1	25	22.67	22.84	22.77	23.7
10		1	49	22.86	22.9	22.75	23.7
10		25	0	21.82	21.97	21.65	22.7
10		25	12	21.72	21.86	21.58	22.7
10		25	25	21.73	21.87	21.72	22.7
10		50	0	21.87	22.01	21.91	22.7
10	256QAM	1	0	19.78	19.88	19.73	20.7
10		1	25	19.84	19.99	19.8	20.7
10		1	49	19.86	19.97	19.84	20.7
10		50	0	19.92	19.96	19.85	20.7
10		25	12	19.72	19.9	19.82	20.7
10		25	25	19.93	20.06	20.04	20.7
10		50	0	19.84	20.09	19.92	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.75	24.82	24.77	25.7
5		1	12	24.75	24.83	24.59	25.7
5		1	24	24.73	24.87	24.77	25.7
5		12	0	23.89	24.06	23.9	24.7
5		12	7	23.69	23.8	23.76	24.7
5		12	13	23.81	23.97	23.75	24.7
5		25	0	23.65	24.06	23.83	24.7
5	16QAM	1	0	23.78	23.87	23.69	24.7
5		1	12	23.93	24.03	23.94	24.7
5		1	24	23.86	24.12	23.94	24.7
5		12	0	22.65	22.94	22.79	23.7
5		12	7	22.93	22.91	22.96	23.7
5		12	13	22.75	23	22.84	23.7
5		25	0	22.71	22.88	22.67	23.7
5	64QAM	1	0	22.89	23.03	22.76	23.7
5		1	12	22.74	22.92	22.89	23.7
5		1	24	22.86	22.95	22.65	23.7
5		12	0	21.61	21.9	21.7	22.7
5		12	7	21.68	21.79	21.58	22.7
5		12	13	21.71	21.91	21.65	22.7
5		25	0	21.79	21.95	21.94	22.7
5	256QAM	1	0	19.78	19.88	19.76	20.7
5		1	12	19.84	19.97	19.82	20.7
5		1	24	19.86	20.04	19.94	20.7
5		12	0	19.9	19.99	19.88	20.7
5		12	7	19.77	19.96	19.81	20.7
5		12	13	19.96	20.13	20.01	20.7
5		25	0	19.85	20.09	19.92	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	847.5	
3	QPSK	1	0	24.74	24.89	24.76	25.7
3		1	8	24.7	24.82	24.63	25.7
3		1	14	24.75	24.84	24.66	25.7
3		8	0	23.97	24.12	23.89	24.7
3		8	4	23.7	23.83	23.76	24.7
3		8	7	23.62	23.91	23.75	24.7
3		15	0	23.81	24.1	23.82	24.7
3	16QAM	1	0	23.75	23.88	23.73	24.7
3		1	8	23.9	24.12	23.87	24.7
3		1	14	23.84	24.11	23.83	24.7
3		8	0	22.8	22.93	22.72	23.7
3		8	4	22.63	22.93	22.76	23.7
3		8	7	22.75	23.03	22.83	23.7
3		15	0	22.76	22.9	22.76	23.7
3	64QAM	1	0	22.83	23.06	22.77	23.7
3		1	8	22.65	22.92	22.7	23.7
3		1	14	22.76	22.91	22.65	23.7
3		8	0	21.6	21.91	21.66	22.7
3		8	4	21.79	21.84	21.67	22.7
3		8	7	21.78	21.9	21.62	22.7
3		15	0	21.66	21.85	21.85	22.7
3	256QAM	1	0	19.62	19.88	19.75	20.7
3		1	8	19.67	20.07	19.9	20.7
3		1	14	19.78	19.96	19.86	20.7
3		8	0	20	20.03	19.93	20.7
3		8	4	19.72	19.92	19.8	20.7
3		8	7	20.01	20.04	19.96	20.7
3		15	0	19.88	20.11	19.91	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.79	24.88	24.76	25.7
1.4		1	3	24.75	24.75	24.61	25.7
1.4		1	5	24.75	24.82	24.7	25.7
1.4		3	0	24.95	25	24.89	25.7
1.4		3	1	24.77	24.91	24.69	25.7
1.4		3	3	24.83	24.94	24.76	25.7
1.4		6	0	23.89	24.05	23.9	24.7
1.4	16QAM	1	0	23.79	23.94	23.75	24.7
1.4		1	3	23.98	24.09	23.87	24.7
1.4		1	5	23.83	24.1	23.87	24.7
1.4		3	0	23.75	23.92	23.74	24.7
1.4		3	1	23.92	24	23.79	24.7
1.4		3	3	23.84	24.05	23.75	24.7
1.4		6	0	22.74	22.88	22.71	23.7
1.4	64QAM	1	0	22.89	22.92	22.76	23.7
1.4		1	3	22.68	22.94	22.69	23.7
1.4		1	5	22.87	22.85	22.71	23.7
1.4		3	0	22.74	22.89	22.71	23.7
1.4		3	1	22.78	22.87	22.54	23.7
1.4		3	3	22.87	22.84	22.65	23.7
1.4		6	0	21.78	22.03	21.78	22.7
1.4	256QAM	1	0	19.78	19.95	19.69	20.7
1.4		1	3	19.87	19.93	19.89	20.7
1.4		1	5	19.82	20.03	19.91	20.7
1.4		3	0	19.95	20.01	19.77	20.7
1.4		3	1	19.79	19.94	19.85	20.7
1.4		3	3	19.97	20.05	20.01	20.7
1.4		6	0	19.91	20.03	19.85	20.7

<LTE Band 71_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133022	133297	133572	
Frequency (MHz)				673	698.5	698	
20	QPSK	1	0	23.86	24.02	23.86	24.7
20		1	49	23.92	23.96	23.8	24.7
20		1	99	23.3	23.8	23.38	24.7
20		50	0	23.75	24.1	23.94	24.7
20		50	24	23.6	23.96	23.77	24.7
20		50	50	23.59	23.95	23.72	24.7
20		100	0	23.62	24.02	23.78	24.7
20	16QAM	1	0	23.62	24.21	23.95	24.7
20		1	49	23.74	24.15	23.9	24.7
20		1	99	23.71	24.16	23.91	24.7
20		50	0	22.75	23.08	22.83	23.7
20		50	24	22.68	23.03	22.75	23.7
20		50	50	22.61	23.01	22.82	23.7
20	64QAM	1	0	22.69	23.09	22.91	23.7
20		1	0	22.97	23.35	23.16	23.7
20		1	49	22.74	23.13	22.87	23.7
20		1	99	22.62	22.95	22.79	23.7
20		50	0	21.69	22.04	21.8	22.7
20		50	24	21.77	22.12	21.86	22.7
20		50	50	21.6	21.92	21.78	22.7
20		100	0	21.64	22.05	21.81	22.7
20	256QAM	1	0	19.68	20.05	19.88	20.7
20		1	49	19.67	20	19.84	20.7
20		1	99	19.63	19.96	19.8	20.7
20		50	0	19.67	19.96	19.77	20.7
20		50	24	19.75	20.14	19.93	20.7
20		50	50	19.76	20.12	19.96	20.7
20		100	0	19.84	20.01	19.86	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				675.5	698.5	690.5	
15	QPSK	1	0	23.54	23.89	23.87	24.7
15		1	37	23.38	23.92	23.65	24.7
15		1	74	23.3	23.71	23.33	24.7
15		36	0	23.71	24.03	23.9	24.7
15		36	20	23.58	23.88	23.72	24.7
15		36	39	23.54	23.91	23.64	24.7
15		75	0	23.33	23.95	23.73	24.7
15	16QAM	1	0	23.81	24.11	23.9	24.7
15		1	37	23.7	24.13	23.83	24.7
15		1	74	23.67	24.15	23.79	24.7
15		36	0	22.66	22.97	22.77	23.7
15		36	20	22.55	23.01	22.73	23.7
15		36	39	22.46	22.91	22.53	23.7
15		75	0	22.67	22.95	22.79	23.7
15	64QAM	1	0	22.52	23.33	23.1	23.7
15		1	37	22.7	23.01	22.72	23.7
15		1	74	22.57	22.85	22.71	23.7
15		36	0	21.63	21.9	21.68	22.7
15		36	20	21.74	22.08	21.91	22.7
15		36	39	21.48	21.87	21.74	22.7
15		75	0	21.61	21.96	21.7	22.7
15	256QAM	1	0	19.55	19.85	19.76	20.7
15		1	37	19.64	19.92	19.81	20.7
15		1	74	19.53	19.92	19.67	20.7
15		36	0	19.5	19.82	19.68	20.7
15		36	20	19.68	20.11	19.82	20.7
15		36	39	19.62	20.07	19.83	20.7
15		75	0	19.5	19.84	19.77	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				668	698.5	668	
10	QPSK	1	0	23.82	23.98	23.83	24.7
10		1	25	23.77	23.85	23.73	24.7
10		1	49	23.3	23.7	23.3	24.7
10		25	0	23.7	23.95	23.83	24.7
10		25	12	23.54	23.91	23.75	24.7
10		25	25	23.55	23.93	23.57	24.7
10		50	0	23.59	23.98	23.64	24.7
10	16QAM	1	0	23.72	24.2	23.91	24.7
10		1	25	23.59	24.08	23.76	24.7
10		1	49	23.63	24.09	23.84	24.7
10		25	0	22.67	23.01	22.73	23.7
10		25	12	22.54	23	22.66	23.7
10		25	25	22.37	22.79	22.55	23.7
10		50	0	22.66	23.08	22.77	23.7
10	64QAM	1	0	22.62	23.33	23.13	23.7
10		1	25	22.69	23.01	22.8	23.7
10		1	49	22.51	22.9	22.65	23.7
10		25	0	21.67	21.96	21.68	22.7
10		25	12	21.72	21.96	21.68	22.7
10		25	25	21.58	21.86	21.77	22.7
10		50	0	21.63	21.97	21.71	22.7
10	256QAM	1	0	19.61	19.89	19.81	20.7
10		1	25	19.57	19.86	19.75	20.7
10		1	49	19.49	19.87	19.68	20.7
10		25	0	19.53	19.84	19.71	20.7
10		25	12	19.64	20.08	19.79	20.7
10		25	25	19.69	19.99	19.85	20.7
10		50	0	19.48	19.9	19.83	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	698.5	665.5	
5	QPSK	1	0	23.54	23.87	23.86	24.7
5		1	12	23.48	23.84	23.78	24.7
5		1	24	23.31	23.71	23.34	24.7
5		12	0	23.81	24.07	23.86	24.7
5		12	7	23.51	23.86	23.65	24.7
5		12	13	23.54	23.84	23.7	24.7
5		25	0	23.59	23.98	23.82	24.7
5	16QAM	1	0	23.69	24.15	23.81	24.7
5		1	12	23.66	24.03	23.85	24.7
5		1	24	23.67	24.07	23.75	24.7
5		12	0	22.63	22.99	22.69	23.7
5		12	7	22.59	22.92	22.71	23.7
5		12	13	22.48	22.8	22.59	23.7
5		25	0	22.61	23.04	22.89	23.7
5	64QAM	1	0	22.66	23.02	23.1	23.7
5		1	12	22.68	23.05	22.83	23.7
5		1	24	22.47	22.82	22.73	23.7
5		12	0	21.64	22.01	21.76	22.7
5		12	7	21.67	21.98	21.86	22.7
5		12	13	21.54	21.82	21.76	22.7
5		25	0	21.57	21.96	21.75	22.7
5	256QAM	1	0	19.62	19.97	19.81	20.7
5		1	12	19.53	19.9	19.78	20.7
5		1	24	19.57	19.92	19.67	20.7
5		12	0	19.45	19.85	19.74	20.7
5		12	7	19.66	20	19.82	20.7
5		12	13	19.74	19.99	19.83	20.7
5		25	0	19.54	19.89	19.86	20.7

<LTE Band 5_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.38	21.58	21.41	22.2
10		1	25	21.29	21.51	21.32	22.2
10		1	49	21.3	21.37	21.36	22.2
10		25	0	21.24	21.3	21.23	22.2
10		25	12	21.21	21.37	21.11	22.2
10		25	25	21.19	21.38	21.2	22.2
10		50	0	21.04	21.33	21.07	22.2
10	16QAM	1	0	21.2	21.34	21.34	22.2
10		1	25	21.25	21.24	21.29	22.2
10		1	49	21.16	21.21	21.25	22.2
10		25	0	21.29	21.27	21.31	22.2
10		25	12	21.38	21.22	21.46	22.2
10		25	25	21.43	21.35	21.27	22.2
10		50	0	21.24	21.4	21.36	22.2
10	64QAM	1	0	21.33	21.29	21.38	22.2
10		1	25	21.23	21.3	21.44	22.2
10		1	49	21.27	21.43	21.36	22.2
10		25	0	21.3	21.39	21.37	22.2
10		25	12	21.25	21.31	21.22	22.2
10		25	25	21.27	21.37	21.45	22.2
10		50	0	21.26	21.34	21.33	22.2
10	256QAM	1	0	19.76	19.99	19.93	20.7
10		1	25	19.8	19.98	19.92	20.7
10		1	49	19.85	19.95	19.87	20.7
10		25	0	19.79	20.01	19.92	20.7
10		25	12	19.96	20.1	20.02	20.7
10		25	25	19.84	19.98	19.85	20.7
10		50	0	19.67	19.93	19.68	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.36	21.53	21.31	22.2
5		1	12	21.44	21.41	21.44	22.2
5		1	24	21.2	21.29	21.32	22.2
5		12	0	21.11	21.44	21.12	22.2
5		12	7	21.14	21.33	21.17	22.2
5		12	13	21.19	21.28	21.2	22.2
5		25	0	20.99	21.25	21.04	22.2
5	16QAM	1	0	21.11	21.2	21.2	22.2
5		1	12	21.21	21.2	21.26	22.2
5		1	24	21.07	21.08	21.17	22.2
5		12	0	21.16	21.13	21.17	22.2
5		12	7	21.31	21.14	21.43	22.2
5		12	13	21.36	21.33	21.13	22.2
5		25	0	21.11	21.38	21.29	22.2
5	64QAM	1	0	21.23	21.2	21.27	22.2
5		1	12	21.1	21.17	21.36	22.2
5		1	24	21.13	21.31	21.33	22.2
5		12	0	21.16	21.32	21.26	22.2
5		12	7	21.16	21.19	21.1	22.2
5		12	13	21.16	21.25	21.4	22.2
5		25	0	21.14	21.32	21.23	22.2
5	256QAM	1	0	19.66	19.92	19.66	20.7
5		1	12	19.79	19.88	19.77	20.7
5		1	24	19.79	19.97	19.74	20.7
5		12	0	19.71	19.98	19.76	20.7
5		12	7	19.83	20.01	19.98	20.7
5		12	13	19.82	19.94	19.9	20.7
5		25	0	19.59	19.8	19.65	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.33	21.5	21.36	22.2
3		1	8	21.36	21.48	21.43	22.2
3		1	14	21.15	21.3	21.34	22.2
3		8	0	21.22	21.46	21.13	22.2
3		8	4	21.13	21.23	21.21	22.2
3		8	7	21.07	21.32	21.15	22.2
3		15	0	21.03	21.24	20.99	22.2
3	16QAM	1	0	21.08	21.2	21.21	22.2
3		1	8	21.11	21.11	21.28	22.2
3		1	14	21.04	21.17	21.23	22.2
3		8	0	21.22	21.21	21.22	22.2
3		8	4	21.26	21.07	21.37	22.2
3		8	7	21.3	21.28	21.37	22.2
3		15	0	21.14	21.37	21.33	22.2
3	64QAM	1	0	21.22	21.21	21.23	22.2
3		1	8	21.21	21.19	21.42	22.2
3		1	14	21.15	21.3	21.24	22.2
3		8	0	21.15	21.36	21.32	22.2
3		8	4	21.16	21.16	21.16	22.2
3		8	7	21.19	21.31	21.34	22.2
3		15	0	21.17	21.34	21.23	22.2
3	256QAM	1	0	19.7	19.98	19.78	20.7
3		1	8	19.71	19.9	19.87	20.7
3		1	14	19.77	19.89	19.81	20.7
3		8	0	19.71	19.99	19.68	20.7
3		8	4	19.68	20.02	19.99	20.7
3		8	7	19.82	19.95	19.75	20.7
3		15	0	19.58	19.71	19.63	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.28	21.52	21.4	22.2
1.4		1	3	21.41	21.5	21.48	22.2
1.4		1	5	21.19	21.36	21.36	22.2
1.4		3	0	21.1	21.47	21.15	22.2
1.4		3	1	21.21	21.34	21.25	22.2
1.4		3	3	21.19	21.24	21.22	22.2
1.4		6	0	21	21.23	20.93	22.2
1.4	16QAM	1	0	21.16	21.24	21.32	22.2
1.4		1	3	21.14	21.14	21.22	22.2
1.4		1	5	21.12	21.08	21.2	22.2
1.4		3	0	21.17	21.19	21.2	22.2
1.4		3	1	21.06	21.15	21.27	22.2
1.4		3	3	21.4	21.36	21.25	22.2
1.4		6	0	21.11	21.37	21.22	22.2
1.4	64QAM	1	0	21.26	21.16	21.24	22.2
1.4		1	3	21.16	21.38	21.39	22.2
1.4		1	5	21.18	21.35	21.22	22.2
1.4		3	0	21.15	21.37	21.21	22.2
1.4		3	1	21.14	21.3	21.09	22.2
1.4		3	3	21.21	21.29	21.41	22.2
1.4		6	0	21.23	21.24	21.23	22.2
1.4	256QAM	1	0	19.72	19.9	19.91	20.7
1.4		1	3	19.69	19.92	19.79	20.7
1.4		1	5	19.71	19.93	19.73	20.7
1.4		3	0	19.66	19.99	19.8	20.7
1.4		3	1	19.69	19.97	20	20.7
1.4		3	3	19.77	19.96	19.76	20.7
1.4		6	0	19.58	19.8	19.54	20.7

<LTE Band 12_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	22.06	22.11	22.05	22.7
10		1	25	22.01	22.02	22.01	22.7
10		1	49	21.97	22.01	22.03	22.7
10		25	0	21.9	21.97	21.96	22.7
10		25	12	21.85	21.86	21.8	22.7
10		25	25	21.88	21.91	21.81	22.7
10		50	0	21.67	21.84	21.69	22.7
10	16QAM	1	0	21.82	21.86	21.89	22.7
10		1	25	21.82	21.79	21.84	22.7
10		1	49	21.86	21.76	21.84	22.7
10		25	0	21.86	21.9	21.84	22.7
10		25	12	21.88	21.9	22.04	22.7
10		25	25	21.9	21.85	21.91	22.7
10		50	0	21.82	21.88	21.87	22.7
10	64QAM	1	0	21.95	21.93	21.98	22.7
10		1	25	21.86	21.87	22.03	22.7
10		1	49	21.89	22.05	21.89	22.7
10		25	0	21.96	21.95	21.97	22.7
10		25	12	21.85	22.02	21.82	22.7
10		25	25	21.85	21.96	22.1	22.7
10		50	0	21.9	22.05	22.04	22.7
10	256QAM	1	0	19.81	20.02	19.74	20.7
10		1	25	19.87	20.09	19.82	20.7
10		1	49	19.97	20.14	19.88	20.7
10		25	0	19.83	20.04	19.79	20.7
10		25	12	19.91	20.1	19.86	20.7
10		25	25	19.9	20.11	19.91	20.7
10		50	0	19.65	20.08	19.91	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	710.5	
5	QPSK	1	0	22.06	22.01	21.96	22.7
5		1	12	22	21.99	21.97	22.7
5		1	24	21.82	21.87	21.98	22.7
5		12	0	21.81	21.9	21.78	22.7
5		12	7	21.76	21.74	21.78	22.7
5		12	13	21.8	21.76	21.68	22.7
5		25	0	21.55	21.72	21.66	22.7
5	16QAM	1	0	21.73	21.75	21.82	22.7
5		1	12	21.69	21.77	21.8	22.7
5		1	24	21.83	21.83	21.76	22.7
5		12	0	21.82	21.87	21.7	22.7
5		12	7	21.79	21.76	21.83	22.7
5		12	13	21.76	21.77	21.87	22.7
5		25	0	21.68	21.86	21.66	22.7
5	64QAM	1	0	21.9	21.91	21.92	22.7
5		1	12	21.79	21.73	22.01	22.7
5		1	24	21.68	21.94	21.89	22.7
5		12	0	21.83	21.81	21.83	22.7
5		12	7	21.7	21.86	21.69	22.7
5		12	13	21.72	21.86	21.66	22.7
5		25	0	21.9	21.93	22.02	22.7
5	256QAM	1	0	19.76	19.93	19.64	20.7
5		1	12	19.76	19.99	19.7	20.7
5		1	24	19.91	20.02	19.85	20.7
5		12	0	19.69	20	19.71	20.7
5		12	7	19.77	19.99	19.74	20.7
5		12	13	19.84	20.06	19.83	20.7
5		25	0	19.62	19.98	19.9	20.7
Channel				23020	23095	23160	Tune-up Limit (dBm)
Frequency (MHz)				700.3	707.5	714.3	
3	QPSK	1	0	22.06	22	21.92	22.7
3		1	8	21.95	21.97	21.95	22.7
3		1	14	21.87	21.96	21.99	22.7
3		8	0	21.9	21.91	21.82	22.7
3		8	4	21.71	21.76	21.68	22.7
3		8	7	21.83	21.83	21.73	22.7
3		15	0	21.59	21.78	21.56	22.7
3	16QAM	1	0	21.75	21.77	21.78	22.7
3		1	8	21.67	21.68	21.75	22.7
3		1	14	21.79	21.81	21.76	22.7
3		8	0	21.82	21.76	21.83	22.7
3		8	4	21.84	21.89	21.98	22.7
3		8	7	21.78	21.77	21.82	22.7
3		15	0	21.78	21.86	21.83	22.7
3	64QAM	1	0	21.83	21.9	21.92	22.7
3		1	8	21.81	21.81	21.96	22.7
3		1	14	21.89	21.9	21.97	22.7
3		8	0	21.84	21.9	21.84	22.7
3		8	4	21.73	21.84	21.77	22.7
3		8	7	21.83	21.84	21.98	22.7
3		15	0	21.84	22	21.98	22.7
3	256QAM	1	0	19.8	19.98	19.71	20.7
3		1	8	19.85	19.97	19.71	20.7
3		1	14	19.93	20.12	19.79	20.7
3		8	0	19.73	20	19.71	20.7
3		8	4	19.9	20.02	19.71	20.7
3		8	7	19.89	19.97	19.83	20.7
3		15	0	19.79	20.01	19.88	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.03	22.08	21.95	22.7
1.4		1	3	22.05	21.95	21.99	22.7
1.4		1	5	21.88	21.9	21.92	22.7
1.4		3	0	21.85	21.84	21.75	22.7
1.4		3	1	21.83	21.74	21.75	22.7
1.4		3	3	21.77	21.8	21.71	22.7
1.4		6	0	21.54	21.8	21.6	22.7
1.4	16QAM	1	0	21.74	21.77	21.83	22.7
1.4		1	3	21.76	21.67	21.73	22.7
1.4		1	5	21.83	21.71	21.75	22.7
1.4		3	0	21.93	21.83	21.75	22.7
1.4		3	1	21.76	21.81	21.91	22.7
1.4		3	3	21.83	21.74	21.82	22.7
1.4		6	0	21.85	21.88	21.86	22.7
1.4	64QAM	1	0	21.85	21.91	21.94	22.7
1.4		1	3	21.72	21.75	21.98	22.7
1.4		1	5	21.88	22.02	21.95	22.7
1.4		3	0	21.95	21.84	21.86	22.7
1.4		3	1	21.74	21.94	21.75	22.7
1.4		3	3	21.82	21.86	22.07	22.7
1.4		6	0	21.77	22.02	21.95	22.7
1.4	256QAM	1	0	19.69	19.88	19.61	20.7
1.4		1	3	19.83	19.97	19.78	20.7
1.4		1	5	19.85	20.12	19.82	20.7
1.4		3	0	19.77	20.02	19.72	20.7
1.4		3	1	19.83	20	19.78	20.7
1.4		3	3	19.79	20.04	19.77	20.7
1.4		6	0	19.64	19.98	19.67	20.7

<LTE Band 13_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.48		22.2
10		1	25		21.46		22.2
10		1	49		21.38		22.2
10		25	0		21.4		22.2
10		25	12		21.27		22.2
10		25	25		21.19		22.2
10		50	0		21.13		22.2
10	16QAM	1	0		21.13		22.2
10		1	25		21.11		22.2
10		1	49		21.18		22.2
10		25	0		21.23		22.2
10		25	12		21.19		22.2
10		25	25		21.18		22.2
10		50	0		21.36		22.2
10	64QAM	1	0		21.16		22.2
10		1	25		21.28		22.2
10		1	49		21.39		22.2
10		25	0		21.27		22.2
10		25	12		21.31		22.2
10		25	25		21.3		22.2
10		50	0		21.27		22.2
10	256QAM	1	0		20.08		20.7
10		1	25		20.13		20.7
10		1	49		20.04		20.7
10		25	0		20.02		20.7
10		25	12		20.1		20.7
10		25	25		20.08		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.39	21.47	21.32	22.2
5		1	12	21.12	21.35	21.16	22.2
5		1	24	21.34	21.43	21.19	22.2
5		12	0	21.04	21.45	21.26	22.2
5		12	7	21.06	21.2	20.88	22.2
5		12	13	20.94	21.16	20.88	22.2
5		25	0	20.87	21.16	20.94	22.2
5	16QAM	1	0	20.9	21.1	20.92	22.2
5		1	12	20.92	21.05	20.88	22.2
5		1	24	21.09	21.24	21.07	22.2
5		12	0	21.04	21.16	20.88	22.2
5		12	7	21.03	21.2	20.91	22.2
5		12	13	21.03	21.17	20.94	22.2
5		25	0	21.17	21.32	21.07	22.2
5	64QAM	1	0	21.01	21.17	20.97	22.2
5		1	12	21.16	21.32	21.12	22.2
5		1	24	21.18	21.38	21.17	22.2
5		12	0	21.15	21.24	20.97	22.2
5		12	7	21.12	21.31	21.13	22.2
5		12	13	21.25	21.36	21.19	22.2
5		25	0	21.02	21.23	21.02	22.2
5	256QAM	1	0	19.91	20.02	19.8	20.7
5		1	12	19.93	20.13	19.87	20.7
5		1	24	19.9	20.03	19.79	20.7
5		12	0	19.83	19.95	19.68	20.7
5		12	7	19.87	20.08	19.82	20.7
5		12	13	19.91	20.01	19.76	20.7
5		25	0	19.95	20.1	19.9	20.7

<LTE Band 17_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.90	22.03	21.9	22.7
10		1	25	22	21.95	21.92	22.7
10		1	49	21.91	21.94	21.95	22.7
10		25	0	21.75	21.93	21.94	22.7
10		25	12	21.71	21.83	21.79	22.7
10		25	25	21.62	21.78	21.76	22.7
10		50	0	21.57	21.76	21.64	22.7
10	16QAM	1	0	21.72	21.75	21.63	22.7
10		1	25	21.66	21.77	21.72	22.7
10		1	49	21.74	21.69	21.67	22.7
10		25	0	21.65	21.73	21.72	22.7
10		25	12	21.64	21.73	21.66	22.7
10		25	25	21.64	21.75	21.66	22.7
10		50	0	21.75	21.85	21.9	22.7
10	64QAM	1	0	21.78	21.8	21.64	22.7
10		1	25	21.81	21.77	22	22.7
10		1	49	21.65	21.97	21.68	22.7
10		25	0	21.94	21.89	21.81	22.7
10		25	12	21.74	21.97	21.77	22.7
10		25	25	21.78	21.84	22.05	22.7
10		50	0	21.78	21.88	21.66	22.7
10	256QAM	1	0	19.93	20.09	19.95	20.7
10		1	25	20.06	20.24	20.06	20.7
10		1	49	19.78	20.07	19.88	20.7
10		25	0	19.76	20.02	19.8	20.7
10		25	12	19.63	20.01	19.76	20.7
10		25	25	19.81	19.99	19.84	20.7
10		50	0	19.69	19.98	19.81	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.79	22.01	21.8	22.7
5		1	12	21.98	21.85	21.8	22.7
5		1	24	21.82	21.82	21.82	22.7
5		12	0	21.66	21.87	21.76	22.7
5		12	7	21.7	21.82	21.64	22.7
5		12	13	21.68	21.67	21.62	22.7
5		25	0	21.51	21.72	21.48	22.7
5	16QAM	1	0	21.63	21.72	21.8	22.7
5		1	12	21.6	21.62	21.6	22.7
5		1	24	21.6	21.53	21.57	22.7
5		12	0	21.78	21.58	21.58	22.7
5		12	7	21.78	21.69	21.91	22.7
5		12	13	21.73	21.7	21.62	22.7
5		25	0	21.68	21.75	21.67	22.7
5	64QAM	1	0	21.68	21.75	21.79	22.7
5		1	12	21.71	21.63	21.58	22.7
5		1	24	21.75	21.65	21.77	22.7
5		12	0	21.64	21.74	21.74	22.7
5		12	7	21.72	21.61	21.63	22.7
5		12	13	21.69	21.77	21.56	22.7
5		25	0	21.68	21.63	21.63	22.7
5	256QAM	1	0	19.73	19.94	19.65	20.7
5		1	12	20.01	20.19	20.03	20.7
5		1	24	19.67	20	19.77	20.7
5		12	0	19.65	19.99	19.72	20.7
5		12	7	19.73	19.94	19.67	20.7
5		12	13	19.76	19.98	19.71	20.7
5		25	0	19.66	19.99	19.74	20.7

<LTE Band 26_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26990	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.62	22.01	21.67	22.7
15		1	37	21.76	21.9	21.78	22.7
15		1	74	21.61	21.9	21.72	22.7
15		36	0	21.72	21.83	21.67	22.7
15		36	20	21.7	21.81	21.79	22.7
15		36	39	21.61	21.8	21.61	22.7
15		75	0	21.61	21.64	21.65	22.7
15	16QAM	1	0	21.61	21.64	21.7	22.7
15		1	37	21.66	21.65	21.67	22.7
15		1	74	21.67	21.6	21.76	22.7
15		36	0	21.79	21.62	21.67	22.7
15		36	20	21.8	21.78	21.79	22.7
15		36	39	21.77	21.71	21.71	22.7
15		75	0	21.69	21.82	21.73	22.7
15	64QAM	1	0	21.74	21.72	21.66	22.7
15		1	37	21.66	21.78	21.77	22.7
15		1	74	21.63	21.81	21.65	22.7
15		36	0	21.8	21.81	21.69	22.7
15		36	20	21.7	21.71	21.76	22.7
15		36	39	21.65	21.84	21.61	22.7
15		75	0	21.79	21.76	21.9	22.7
15	256QAM	1	0	20.08	20.06	20.03	20.7
15		1	37	19.92	20.03	19.92	20.7
15		1	74	19.91	20.01	19.9	20.7
15		36	0	19.83	20.01	19.9	20.7
15		36	20	19.81	19.9	19.81	20.7
15		36	39	19.86	19.95	19.82	20.7
15		75	0	19.78	19.9	19.83	20.7
Channel				26743	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.8	21.95	21.73	22.7
10		1	25	21.76	21.83	21.74	22.7
10		1	49	21.75	21.85	21.62	22.7
10		25	0	21.71	21.68	21.73	22.7
10		25	12	21.67	21.74	21.65	22.7
10		25	25	21.56	21.7	21.58	22.7
10		50	0	21.58	21.6	21.4	22.7
10	16QAM	1	0	21.48	21.61	21.65	22.7
10		1	25	21.51	21.51	21.59	22.7
10		1	49	21.5	21.56	21.66	22.7
10		25	0	21.7	21.54	21.63	22.7
10		25	12	21.67	21.74	21.74	22.7
10		25	25	21.64	21.6	21.63	22.7
10		50	0	21.55	21.7	21.59	22.7
10	64QAM	1	0	21.7	21.66	21.71	22.7
10		1	25	21.62	21.63	21.64	22.7
10		1	49	21.69	21.61	21.79	22.7
10		25	0	21.7	21.71	21.64	22.7
10		25	12	21.56	21.71	21.76	22.7
10		25	25	21.56	21.71	21.76	22.7
10		50	0	21.68	21.69	21.64	22.7
10	256QAM	1	0	19.66	20.01	20.19	20.7
10		1	25	19.83	19.95	19.87	20.7
10		1	49	19.87	19.94	19.8	20.7
10		25	0	19.7	19.97	19.65	20.7
10		25	12	19.74	19.67	19.69	20.7
10		25	25	19.77	19.67	19.72	20.7
10		50	0	19.68	19.79	19.76	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.77	21.96	21.69	22.7
5		1	12	21.77	21.81	21.66	22.7
5		1	24	21.78	21.68	21.71	22.7
5		12	0	21.65	21.68	21.76	22.7
5		12	7	21.62	21.77	21.72	22.7
5		12	13	21.46	21.76	21.53	22.7
5		25	0	21.53	21.56	21.42	22.7
5	16QAM	1	0	21.56	21.54	21.63	22.7
5		1	12	21.54	21.57	21.62	22.7
5		1	24	21.49	21.52	21.67	22.7
5		12	0	21.66	21.58	21.58	22.7
5		12	7	21.77	21.76	21.7	22.7
5		12	13	21.66	21.62	21.68	22.7
5		25	0	21.63	21.69	21.71	22.7
5	64QAM	1	0	21.68	21.61	21.72	22.7
5		1	12	21.62	21.68	21.65	22.7
5		1	24	21.79	21.8	21.76	22.7
5		12	0	21.71	21.7	21.62	22.7
5		12	7	21.66	21.71	21.7	22.7
5		12	13	21.53	21.76	21.7	22.7
5		25	0	21.7	21.63	21.63	22.7
5	256QAM	1	0	20	20.22	20.15	20.7
5		1	12	19.78	20.01	19.79	20.7
5		1	24	19.69	19.89	19.92	20.7
5		12	0	19.71	19.82	19.82	20.7
5		12	7	19.67	19.76	19.72	20.7
5		12	13	19.63	19.8	19.79	20.7
5		25	0	19.76	19.82	19.72	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	847.5	
3	QPSK	1	0	21.73	21.88	21.75	22.7
3		1	8	21.81	21.86	21.64	22.7
3		1	14	21.75	21.77	21.7	22.7
3		8	0	21.66	21.71	21.72	22.7
3		8	4	21.67	21.78	21.62	22.7
3		8	7	21.48	21.74	21.57	22.7
3		15	0	21.49	21.53	21.49	22.7
3	16QAM	1	0	21.53	21.58	21.64	22.7
3		1	8	21.53	21.63	21.62	22.7
3		1	14	21.58	21.5	21.66	22.7
3		8	0	21.7	21.55	21.6	22.7
3		8	4	21.73	21.75	21.67	22.7
3		8	7	21.73	21.56	21.64	22.7
3		15	0	21.6	21.7	21.7	22.7
3	64QAM	1	0	21.67	21.58	21.74	22.7
3		1	8	21.53	21.71	21.64	22.7
3		1	14	21.72	21.66	21.71	22.7
3		8	0	21.79	21.77	21.6	22.7
3		8	4	21.61	21.74	21.66	22.7
3		8	7	21.62	21.75	21.69	22.7
3		15	0	21.77	21.76	21.68	22.7
3	256QAM	1	0	19.96	20.14	20.21	20.7
3		1	8	19.83	19.96	19.89	20.7
3		1	14	19.86	19.97	19.93	20.7
3		8	0	19.69	19.9	19.92	20.7
3		8	4	19.73	19.82	19.74	20.7
3		8	7	19.8	19.9	19.7	20.7
3		15	0	19.74	19.84	19.76	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	21.7	22	21.85	22.7
1.4		1	3	21.75	21.75	21.65	22.7
1.4		1	5	21.73	21.8	21.65	22.7
1.4		3	0	21.68	21.68	21.74	22.7
1.4		3	1	21.65	21.72	21.6	22.7
1.4		3	3	21.47	21.74	21.49	22.7
1.4		6	0	21.48	21.53	21.53	22.7
1.4	16QAM	1	0	21.53	21.62	21.6	22.7
1.4		1	3	21.52	21.64	21.63	22.7
1.4		1	5	21.56	21.54	21.47	22.7
1.4		3	0	21.66	21.57	21.53	22.7
1.4		3	1	21.7	21.65	21.73	22.7
1.4		3	3	21.76	21.62	21.64	22.7
1.4		6	0	21.56	21.72	21.6	22.7
1.4	64QAM	1	0	21.63	21.6	21.64	22.7
1.4		1	3	21.62	21.73	21.74	22.7
1.4		1	5	21.7	21.61	21.73	22.7
1.4		3	0	21.68	21.74	21.63	22.7
1.4		3	1	21.56	21.76	21.71	22.7
1.4		3	3	21.55	21.63	21.6	22.7
1.4		6	0	21.69	21.77	21.67	22.7
1.4	256QAM	1	0	20.01	20.19	20.22	20.7
1.4		1	3	19.89	19.99	19.81	20.7
1.4		1	5	19.88	19.9	19.89	20.7
1.4		3	0	19.71	19.96	19.85	20.7
1.4		3	1	19.79	19.83	19.74	20.7
1.4		3	3	19.72	19.91	19.73	20.7
1.4		6	0	19.64	19.81	19.76	20.7

<LTE Band 71_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133597	133772	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	25.1	25.13	25.12	25.7
20		1	49	24.92	25.06	24.92	25.7
20		1	99	25.03	25.09	25	25.7
20		50	0	24.25	24.3	24.19	24.7
20		50	24	24.15	24.29	24.13	24.7
20		50	50	24.16	24.24	24.12	24.7
20		100	0	24.15	24.32	24.22	24.7
20	16QAM	1	0	24.32	24.4	24.34	24.7
20		1	49	24.27	24.43	24.41	24.7
20		1	99	24.36	24.45	24.3	24.7
20		50	0	23.3	23.36	23.31	23.7
20		50	24	23.29	23.42	23.35	23.7
20		50	50	23.11	23.26	23.21	23.7
20		100	0	23.17	23.34	23.22	23.7
20	64QAM	1	0	23.15	23.31	23.25	23.7
20		1	49	23.24	23.36	23.27	23.7
20		1	99	23.42	23.54	23.52	23.7
20		50	0	22.31	22.36	22.28	22.7
20		50	24	22.17	22.33	22.22	22.7
20		50	50	22.13	22.29	22.17	22.7
20		100	0	22.22	22.29	22.19	22.7
20	256QAM	1	0	20.46	20.63	20.48	20.7
20		1	49	20.52	20.57	20.51	20.7
20		1	99	20.43	20.6	20.45	20.7
20		50	0	20.01	20.09	20.47	20.7
20		50	24	20.45	20.55	20.47	20.7
20		50	50	20.4	20.55	20.47	20.7
20		100	0	20.01	20.07	20.44	20.7
Channel				133197	133287	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.09	22.06	22.08	25.7
15		1	37	24.79	24.95	24.88	25.7
15		1	74	25	24.95	24.97	25.7
15		36	0	24.21	24.16	24.13	24.7
15		36	20	24.11	24.16	24.13	24.7
15		36	39	24.12	24.12	24.01	24.7
15		75	0	24.02	24.21	24.13	24.7
15	16QAM	1	0	24.22	24.37	24.25	24.7
15		1	37	24.16	24.36	24.29	24.7
15		1	74	24.36	24.36	24.32	24.7
15		36	0	23.21	23.22	23.22	23.7
15		36	20	23.16	23.28	23.29	23.7
15		36	39	23.07	23.24	23.14	23.7
15		75	0	23.15	23.33	23.21	23.7
15	64QAM	1	0	23.04	23.22	23.12	23.7
15		1	37	23.13	23.27	23.16	23.7
15		1	74	23.29	23.53	23.45	23.7
15		36	0	22.26	22.3	22.26	22.7
15		36	20	22.1	22.31	22.19	22.7
15		36	39	22.09	22.27	22.04	22.7
15		75	0	22.12	22.2	22.17	22.7
15	256QAM	1	0	20.41	20.49	20.33	20.7
15		1	37	20.48	20.55	20.44	20.7
15		1	74	20.4	20.39	20.34	20.7
15		36	0	20.44	20.45	20.43	20.7
15		36	20	20.31	20.51	20.4	20.7
15		36	39	20.31	20.32	20.43	20.7
15		75	0	20.38	20.5	20.33	20.7
Channel				133173	133287	133403	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	25.01	25.05	25.09	25.7
10		1	25	24.88	24.93	24.91	25.7
10		1	49	24.95	24.97	24.98	25.7
10		25	0	24.21	24.17	24.09	24.7
10		25	12	24.13	24.19	24.16	24.7
10		25	25	24.09	24.15	24.02	24.7
10		50	0	24.13	24.3	24.09	24.7
10	16QAM	1	0	24.24	24.32	24.32	24.7
10		1	25	24.23	24.3	24.39	24.7
10		1	49	24.27	24.33	24.23	24.7
10		25	0	23.16	23.21	23.2	23.7
10		25	12	23.28	23.37	23.2	23.7
10		25	25	23.09	23.24	23.19	23.7
10		50	0	23.04	23.19	23.17	23.7
10	64QAM	1	0	23.02	23.17	23.14	23.7
10		1	25	23.17	23.3	23.17	23.7
10		1	49	23.3	23.51	23.5	23.7
10		25	0	22.29	22.32	22.14	22.7
10		25	12	22.07	22.25	22.23	22.7
10		25	25	22.01	22.27	22.05	22.7
10		50	0	22.2	22.23	22.1	22.7
10	256QAM	1	0	20.38	20.55	20.45	20.7
10		1	25	20.46	20.47	20.45	20.7
10		1	49	20.41	20.48	20.43	20.7
10		25	0	20.4	20.51	20.33	20.7
10		25	12	20.34	20.43	20.33	20.7
10		25	25	20.34	20.52	20.33	20.7
10		50	0	20.39	20.47	20.34	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	25.02	24.99	24.99	25.7
5		1	12	24.79	24.97	24.98	25.7
5		1	24	24.9	24.92	24.88	25.7
5		12	0	24.18	24.16	24.17	24.7
5		12	7	24.08	24.24	24.19	24.7
5		12	13	24.11	24.1	24.08	24.7
5		25	0	24.02	24.28	24.08	24.7
5	16QAM	1	0	24.19	24.34	24.29	24.7
5		1	12	24.15	24.31	24.32	24.7
5		1	24	24.34	24.36	24.27	24.7
5		12	0	23.26	23.26	23.16	23.7
5		12	7	23.23	23.39	23.24	23.7
5		12	13	22.96	23.12	23.16	23.7
5		25	0	23.15	23.3	23.13	23.7
5	64QAM	1	0	23.11	23.28	23.22	23.7
5		1	12	23.1	23.34	23.19	23.7
5		1	24	23.39	23.44	23.4	23.7
5		12	0	22.22	22.33	22.15	22.7
5		12	7	22.14	22.23	22.2	22.7
5		12	13	22.09	22.26	22.15	22.7
5		25	0	22.14	22.19	22.16	22.7
5	256QAM	1	0	20.44	20.52	20.37	20.7
5		1	12	20.41	20.54	20.42	20.7
5		1	24	20.43	20.52	20.31	20.7
5		12	0	20.38	20.44	20.4	20.7
5		12	7	20.33	20.49	20.37	20.7
5		12	13	20.3	20.45	20.36	20.7
5		25	0	20.45	20.55	20.43	20.7

<LTE Band 2_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.59	19.64	19.51	20.2
20		1	49	19.55	19.57	19.49	20.2
20		1	99	19.37	19.48	19.56	20.2
20		50	0	19.4	19.57	19.38	20.2
20		50	24	19.35	19.45	19.33	20.2
20		50	50	19.32	19.5	19.33	20.2
20		100	0	19.32	19.39	19.25	20.2
20	16QAM	1	0	19.26	19.36	19.4	20.2
20		1	49	19.31	19.41	19.45	20.2
20		1	99	19.39	19.4	19.35	20.2
20		50	0	19.38	19.35	19.45	20.2
20		50	24	19.44	19.35	19.48	20.2
20		50	50	19.52	19.45	19.51	20.2
20		100	0	19.39	19.59	19.5	20.2
20	64QAM	1	0	19.47	19.5	19.49	20.2
20		1	49	19.34	19.35	19.46	20.2
20		1	99	19.43	19.49	19.44	20.2
20		50	0	19.45	19.46	19.37	20.2
20		50	24	19.46	19.41	19.36	20.2
20		50	50	19.37	19.54	19.39	20.2
20		100	0	19.48	19.47	19.54	20.2
20	256QAM	1	0	19.37	19.53	19.5	20.2
20		1	49	19.37	19.62	19.5	20.2
20		1	99	19.51	19.49	19.47	20.2
20		50	0	19.52	19.6	19.53	20.2
20		50	24	19.39	19.42	19.46	20.2
20		50	50	19.5	19.4	19.5	20.2
20		100	0	19.38	19.5	19.43	20.2
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.56	19.57	19.39	20.2
15		1	37	19.47	19.53	19.44	20.2
15		1	74	19.5	19.46	19.51	20.2
15		36	0	19.34	19.43	19.26	20.2
15		36	20	19.29	19.36	19.28	20.2
15		36	39	19.3	19.42	19.29	20.2
15		75	0	19.2	19.36	19.14	20.2
15	16QAM	1	0	19.15	19.23	19.34	20.2
15		1	37	19.24	19.34	19.38	20.2
15		1	74	19.28	19.25	19.22	20.2
15		36	0	19.36	19.28	19.37	20.2
15		36	20	19.32	19.28	19.35	20.2
15		36	39	19.43	19.35	19.49	20.2
15		75	0	19.28	19.51	19.36	20.2
15	64QAM	1	0	19.43	19.38	19.41	20.2
15		1	37	19.27	19.21	19.39	20.2
15		1	74	19.3	19.47	19.4	20.2
15		36	0	19.32	19.35	19.3	20.2
15		36	20	19.31	19.31	19.28	20.2
15		36	39	19.23	19.52	19.47	20.2
15		75	0	19.37	19.34	19.48	20.2
15	256QAM	1	0	19.22	19.43	19.41	20.2
15		1	37	19.24	19.65	19.44	20.2
15		1	74	19.4	19.36	19.37	20.2
15		36	0	19.42	19.51	19.5	20.2
15		36	20	19.25	19.33	19.32	20.2
15		36	39	19.48	19.38	19.43	20.2
15		75	0	19.37	19.42	19.4	20.2
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.46	19.63	19.4	20.2
10		1	25	19.43	19.48	19.43	20.2
10		1	49	19.5	19.44	19.51	20.2
10		25	0	19.33	19.49	19.34	20.2
10		25	12	19.24	19.33	19.22	20.2
10		25	25	19.29	19.47	19.3	20.2
10		50	0	19.21	19.28	19.13	20.2
10	16QAM	1	0	19.17	19.3	19.36	20.2
10		1	25	19.28	19.28	19.41	20.2
10		1	49	19.37	19.36	19.3	20.2
10		25	0	19.37	19.21	19.38	20.2
10		25	12	19.37	19.28	19.43	20.2
10		25	25	19.45	19.39	19.46	20.2
10		50	0	19.27	19.53	19.45	20.2
10	64QAM	1	0	19.42	19.35	19.42	20.2
10		1	25	19.29	19.23	19.31	20.2
10		1	49	19.3	19.47	19.42	20.2
10		25	0	19.39	19.38	19.25	20.2
10		25	12	19.44	19.28	19.32	20.2
10		25	25	19.35	19.46	19.54	20.2
10		50	0	19.36	19.4	19.5	20.2
10	256QAM	1	0	19.3	19.44	19.46	20.2
10		1	25	19.31	19.55	19.38	20.2
10		1	49	19.39	19.44	19.32	20.2
10		25	0	19.37	19.51	19.4	20.2
10		25	12	19.33	19.37	19.38	20.2
10		25	25	19.36	19.3	19.4	20.2
10		50	0	19.35	19.45	19.31	20.2
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.45	19.63	19.38	20.2
5		1	12	19.47	19.45	19.36	20.2
5		1	24	19.51	19.38	19.48	20.2
5		12	0	19.29	19.48	19.25	20.2
5		12	7	19.27	19.38	19.31	20.2
5		12	13	19.26	19.44	19.31	20.2
5		25	0	19.28	19.36	19.13	20.2
5	16QAM	1	0	19.24	19.23	19.37	20.2
5		1	12	19.27	19.27	19.33	20.2
5		1	24	19.31	19.28	19.22	20.2
5		12	0	19.28	19.33	19.35	20.2
5		12	7	19.36	19.29	19.33	20.2
5		12	13	19.43	19.35	19.38	20.2
5		25	0	19.37	19.51	19.41	20.2
5	64QAM	1	0	19.42	19.4	19.48	20.2
5		1	12	19.28	19.28	19.42	20.2
5		1	24	19.29	19.37	19.3	20.2
5		12	0	19.31	19.37	19.34	20.2
5		12	7	19.31	19.34	19.24	20.2
5		12	13	19.22	19.51	19.53	20.2
5		25	0	19.46	19.33	19.43	20.2
5	256QAM	1	0	19.23	19.38	19.45	20.2
5		1	12	19.24	19.64	19.41	20.2
5		1	24	19.41	19.4	19.42	20.2
5		12	0	19.41	19.49	19.41	20.2
5		12	7	19.27	19.35	19.36	20.2
5		12	13	19.45	19.35	19.36	20.2
5		25	0	19.24	19.37	19.31	20.2
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.54	19.5	19.37	20.2
3		1	8	19.49	19.53	19.44	20.2
3		1	14	19.46	19.37	19.42	20.2
3		8	0	19.38	19.43	19.25	20.2
3		8	4	19.22	19.33	19.28	20.2
3		8	7	19.29	19.36	19.24	20.2
3		15	0	19.19	19.25	19.13	20.2
3	16QAM	1	0	19.25	19.23	19.34	20.2
3		1	8	19.26	19.35	19.41	20.2
3		1	14	19.32	19.36	19.34	20.2
3		8	0	19.33	19.29	19.34	20.2
3		8	4	19.29	19.25	19.47	20.2
3		8	7	19.43	19.31	19.48	20.2
3		15	0	19.33	19.54	19.4	20.2
3	64QAM	1	0	19.42	19.39	19.37	20.2
3		1	8	19.28	19.31	19.35	20.2
3		1	14	19.3	19.44	19.4	20.2
3		8	0	19.34	19.31	19.22	20.2
3		8	4	19.37	19.3	19.34	20.2
3		8	7	19.28	19.41	19.48	20.2
3		15	0	19.43	19.34	19.45	20.2
3	256QAM	1	0	19.25	19.5	19.42	20.2
3		1	8	19.27	19.64	19.46	20.2
3		1	14	19.48	19.36	19.37	20.2
3		8	0	19.45	19.54	19.43	20.2
3		8	4	19.31	19.38	19.41	20.2
3		8	7	19.36	19.3	19.46	20.2
3		15	0	19.35	19.45	19.35	20.2
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.45	19.57	19.37	20.2
1.4		1	3	19.49	19.43	19.38	20.2
1.4		1	5	19.42	19.36	19.51	20.2
1.4		3	0	19.33	19.43	19.25	20.2
1.4		3	1	19.3	19.32	19.22	20.2
1.4		3	3	19.25	19.47	19.27	20.2
1.4		6	0	19.3	19.32	19.18	20.2
1.4	16QAM	1	0	19.23	19.23	19.35	20.2
1.4		1	3	19.24	19.27	19.37	20.2
1.4		1	5	19.36	19.33	19.32	20.2
1.4		3	0	19.28	19.29	19.42	20.2
1.4		3	1	19.4	19.31	19.46	20.2
1.4		3	3	19.41	19.35	19.44	20.2
1.4		6	0	19.28	19.32	19.48	20.2
1.4	64QAM	1	0	19.44	19.44	19.48	20.2
1.4		1	3	19.27	19.23	19.42	20.2
1.4		1	5	19.38	19.37	19.3	20.2
1.4		3	0	19.37	19.35	19.27	20.2
1.4		3	1	19.37	19.29	19.23	20.2
1.4		3	3	19.24	19.5	19.47	20.2
1.4		6	0	19.33	19.34	19.46	20.2
1.4	256QAM	1	0	19.27	19.43	19.37	20.2
1.4		1	3	19.34	19.57	19.43	20.2
1.4		1	5	19.49	19.4	19.39	20.2
1.4		3	0	19.45	19.48	19.4	20.2
1.4		3	1	19.29	19.34	19.33	20.2
1.4		3	3	19.41	19.3	19.42	20.2
1.4		6	0	19.31	19.47	19.34	20.2

<LTE Band 4_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.56	18.76	18.68	19.2
20		1	49	18.62	18.76	18.68	19.2
20		1	99	18.55	18.58	18.57	19.2
20		50	0	18.5	18.64	18.48	19.2
20		50	24	18.49	18.61	18.5	19.2
20		50	50	18.49	18.53	18.49	19.2
20		100	0	18.37	18.49	18.27	19.2
20	16QAM	1	0	18.38	18.59	18.53	19.2
20		1	49	18.41	18.39	18.49	19.2
20		1	99	18.51	18.38	18.49	19.2
20		50	0	18.51	18.5	18.51	19.2
20		50	24	18.62	18.52	18.65	19.2
20		50	50	18.62	18.55	18.53	19.2
20		100	0	18.42	18.63	18.66	19.2
20	64QAM	1	0	18.5	18.55	18.68	19.2
20		1	49	18.52	18.49	18.66	19.2
20		1	99	18.62	18.72	18.59	19.2
20		50	0	18.66	18.56	18.59	19.2
20		50	24	18.46	18.59	18.43	19.2
20		50	50	18.5	18.71	18.71	19.2
20		100	0	18.53	18.64	18.69	19.2
20	256QAM	1	0	18.51	18.71	18.57	19.2
20		1	49	18.51	18.79	18.51	19.2
20		1	99	18.69	18.68	18.65	19.2
20		50	0	18.6	18.6	18.54	19.2
20		50	24	18.42	18.66	18.65	19.2
20		50	50	18.61	18.6	18.54	19.2
20		100	0	18.51	18.57	18.62	19.2
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.5	18.62	18.62	19.2
15		1	37	18.57	18.75	18.63	19.2
15		1	74	18.43	18.49	18.42	19.2
15		36	0	18.38	18.53	18.36	19.2
15		36	20	18.35	18.52	18.45	19.2
15		36	39	18.43	18.48	18.34	19.2
15		75	0	18.33	18.36	18.14	19.2
15	16QAM	1	0	18.26	18.48	18.45	19.2
15		1	37	18.39	18.26	18.36	19.2
15		1	74	18.38	18.31	18.47	19.2
15		36	0	18.45	18.42	18.48	19.2
15		36	20	18.46	18.39	18.61	19.2
15		36	39	18.56	18.41	18.41	19.2
15		75	0	18.28	18.61	18.65	19.2
15	64QAM	1	0	18.35	18.44	18.6	19.2
15		1	37	18.45	18.43	18.6	19.2
15		1	74	18.52	18.7	18.56	19.2
15		36	0	18.52	18.47	18.58	19.2
15		36	20	18.39	18.57	18.34	19.2
15		36	39	18.4	18.66	18.59	19.2
15		75	0	18.49	18.58	18.57	19.2
15	256QAM	1	0	18.46	18.59	18.44	19.2
15		1	37	18.49	18.77	18.4	19.2
15		1	74	18.65	18.64	18.59	19.2
15		36	0	18.54	18.52	18.48	19.2
15		36	20	18.37	18.64	18.63	19.2
15		36	39	18.52	18.48	18.43	19.2
15		75	0	18.37	18.53	18.54	19.2
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.5	18.67	18.6	19.2
10		1	25	18.48	18.74	18.57	19.2
10		1	49	18.44	18.49	18.47	19.2
10		25	0	18.38	18.54	18.43	19.2
10		25	12	18.47	18.56	18.47	19.2
10		25	25	18.47	18.46	18.28	19.2
10		50	0	18.27	18.35	18.21	19.2
10	16QAM	1	0	18.31	18.53	18.48	19.2
10		1	25	18.32	18.33	18.35	19.2
10		1	49	18.37	18.34	18.44	19.2
10		25	0	18.39	18.45	18.38	19.2
10		25	12	18.52	18.44	18.61	19.2
10		25	25	18.57	18.53	18.52	19.2
10		50	0	18.32	18.58	18.53	19.2
10	64QAM	1	0	18.43	18.41	18.62	19.2
10		1	25	18.41	18.38	18.59	19.2
10		1	49	18.54	18.6	18.49	19.2
10		25	0	18.59	18.5	18.58	19.2
10		25	12	18.38	18.51	18.3	19.2
10		25	25	18.45	18.69	18.59	19.2
10		50	0	18.39	18.57	18.56	19.2
10	256QAM	1	0	18.36	18.58	18.54	19.2
10		1	25	18.36	18.68	18.37	19.2
10		1	49	18.56	18.57	18.59	19.2
10		25	0	18.47	18.46	18.44	19.2
10		25	12	18.37	18.51	18.57	19.2
10		25	25	18.56	18.55	18.5	19.2
10		50	0	18.4	18.43	18.53	19.2
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.49	18.71	18.66	19.2
5		1	12	18.58	18.67	18.53	19.2
5		1	24	18.42	18.43	18.48	19.2
5		12	0	18.42	18.52	18.37	19.2
5		12	7	18.41	18.55	18.46	19.2
5		12	13	18.35	18.47	18.38	19.2
5		25	0	18.26	18.39	18.21	19.2
5	16QAM	1	0	18.34	18.47	18.5	19.2
5		1	12	18.4	18.31	18.44	19.2
5		1	24	18.4	18.26	18.42	19.2
5		12	0	18.38	18.45	18.42	19.2
5		12	7	18.47	18.51	18.63	19.2
5		12	13	18.51	18.42	18.48	19.2
5		25	0	18.4	18.56	18.53	19.2
5	64QAM	1	0	18.38	18.5	18.6	19.2
5		1	12	18.4	18.47	18.63	19.2
5		1	24	18.56	18.66	18.52	19.2
5		12	0	18.52	18.49	18.53	19.2
5		12	7	18.34	18.45	18.37	19.2
5		12	13	18.41	18.59	18.63	19.2
5		25	0	18.45	18.52	18.56	19.2
5	256QAM	1	0	18.42	18.65	18.48	19.2
5		1	12	18.4	18.76	18.41	19.2
5		1	24	18.6	18.55	18.52	19.2
5		12	0	18.56	18.49	18.5	19.2
5		12	7	18.3	18.64	18.64	19.2
5		12	13	18.52	18.49	18.51	19.2
5		25	0	18.4	18.54	18.5	19.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1711.7	1732.5	1753.3	
3	QPSK	1	0	18.5	18.75	18.57	19.2
3		1	8	18.52	18.62	18.64	19.2
3		1	14	18.47	18.46	18.48	19.2
3		8	0	18.44	18.53	18.35	19.2
3		8	4	18.39	18.47	18.48	19.2
3		8	7	18.43	18.52	18.35	19.2
3		15	0	18.33	18.39	18.18	19.2
3	16QAM	1	0	18.31	18.46	18.51	19.2
3		1	8	18.32	18.34	18.4	19.2
3		1	14	18.42	18.3	18.44	19.2
3		8	0	18.41	18.44	18.47	19.2
3		8	4	18.55	18.48	18.37	19.2
3		8	7	18.46	18.53	18.46	19.2
3		15	0	18.33	18.5	18.56	19.2
3	64QAM	1	0	18.49	18.42	18.54	19.2
3		1	8	18.4	18.44	18.52	19.2
3		1	14	18.6	18.67	18.44	19.2
3		8	0	18.54	18.49	18.55	19.2
3		8	4	18.32	18.5	18.4	19.2
3		8	7	18.37	18.68	18.67	19.2
3		15	0	18.36	18.54	18.57	19.2
3	256QAM	1	0	18.45	18.64	18.55	19.2
3		1	8	18.39	18.73	18.37	19.2
3		1	14	18.37	18.64	18.59	19.2
3		8	0	18.58	18.48	18.51	19.2
3		8	4	18.28	18.59	18.52	19.2
3		8	7	18.55	18.5	18.53	19.2
3		15	0	18.39	18.49	18.58	19.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.51	18.74	18.58	19.2
1.4		1	3	18.5	18.68	18.64	19.2
1.4		1	5	18.42	18.57	18.47	19.2
1.4		3	0	18.39	18.59	18.37	19.2
1.4		3	1	18.39	18.56	18.41	19.2
1.4		3	3	18.34	18.41	18.37	19.2
1.4		6	0	18.25	18.35	18.23	19.2
1.4	16QAM	1	0	18.28	18.47	18.47	19.2
1.4		1	3	18.35	18.33	18.35	19.2
1.4		1	5	18.42	18.23	18.47	19.2
1.4		3	0	18.46	18.38	18.41	19.2
1.4		3	1	18.54	18.46	18.52	19.2
1.4		3	3	18.6	18.46	18.47	19.2
1.4		6	0	18.32	18.57	18.57	19.2
1.4	64QAM	1	0	18.36	18.44	18.65	19.2
1.4		1	3	18.45	18.4	18.6	19.2
1.4		1	5	18.53	18.65	18.46	19.2
1.4		3	0	18.6	18.52	18.46	19.2
1.4		3	1	18.41	18.57	18.39	19.2
1.4		3	3	18.47	18.68	18.66	19.2
1.4		6	0	18.52	18.56	18.63	19.2
1.4	256QAM	1	0	18.5	18.57	18.51	19.2
1.4		1	3	18.44	18.77	18.39	19.2
1.4		1	5	18.59	18.64	18.54	19.2
1.4		3	0	18.48	18.55	18.48	19.2
1.4		3	1	18.39	18.59	18.52	19.2
1.4		3	3	18.5	18.55	18.43	19.2
1.4		6	0	18.39	18.52	18.56	19.2

<LTE Band 7_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.85	17.98	17.9	18.2
20		1	49	17.76	17.88	17.86	18.2
20		1	99	17.65	17.88	17.84	18.2
20		50	0	17.71	17.85	17.83	18.2
20		50	24	17.65	17.83	17.72	18.2
20		50	50	17.69	17.81	17.72	18.2
20		100	0	17.53	17.69	17.56	18.2
20	16QAM	1	0	17.71	17.73	17.84	18.2
20		1	49	17.78	17.83	17.73	18.2
20		1	99	17.68	17.65	17.69	18.2
20		50	0	17.82	17.82	17.76	18.2
20		50	24	17.82	17.73	17.86	18.2
20		50	50	17.84	17.72	17.77	18.2
20		100	0	17.67	17.93	17.79	18.2
20	64QAM	1	0	17.75	17.73	17.85	18.2
20		1	49	17.7	17.82	17.67	18.2
20		1	99	17.82	17.87	17.85	18.2
20		50	0	17.91	17.83	17.84	18.2
20		50	24	17.77	17.87	17.71	18.2
20		50	50	17.7	17.93	17.88	18.2
20		100	0	17.83	17.81	17.92	18.2
20	256QAM	1	0	17.81	17.97	17.86	18.2
20		1	49	17.75	18.05	17.76	18.2
20		1	99	17.83	17.84	17.79	18.2
20		50	0	17.85	17.95	17.79	18.2
20		50	24	17.77	17.82	17.91	18.2
20		50	50	17.75	17.84	17.82	18.2
20		100	0	17.71	17.79	17.81	18.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.71	17.83	17.79	18.2
15		1	37	17

<LTE Band 25_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.64	19.75	19.75	20.2
20		1	49	19.61	19.69	19.6	20.2
20		1	99	19.57	19.71	19.63	20.2
20		50	0	19.5	19.62	19.52	20.2
20		50	24	19.43	19.56	19.44	20.2
20		50	50	19.42	19.58	19.41	20.2
20		100	0	19.37	19.51	19.27	20.2
20	16QAM	1	0	19.52	19.46	19.63	20.2
20		1	49	19.46	19.43	19.45	20.2
20		1	99	19.52	19.48	19.45	20.2
20		50	0	19.54	19.46	19.53	20.2
20		50	24	19.63	19.61	19.58	20.2
20		50	50	19.61	19.53	19.6	20.2
20		100	0	19.44	19.59	19.6	20.2
20	64QAM	1	0	19.59	19.6	19.65	20.2
20		1	49	19.59	19.46	19.62	20.2
20		1	99	19.58	19.69	19.56	20.2
20		50	0	19.6	19.58	19.58	20.2
20		50	24	19.46	19.56	19.55	20.2
20		50	50	19.52	19.7	19.67	20.2
20		100	0	19.64	19.63	19.63	20.2
20	256QAM	1	0	19.58	19.74	19.49	20.2
20		1	49	19.5	19.74	19.61	20.2
20		1	99	19.67	19.64	19.65	20.2
20		50	0	19.53	19.67	19.55	20.2
20		50	24	19.54	19.55	19.58	20.2
20		50	50	19.56	19.54	19.58	20.2
20		100	0	19.48	19.63	19.59	20.2
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.6	19.64	19.6	20.2
15		1	37	19.72	19.68	19.58	20.2
15		1	74	19.48	19.69	19.58	20.2
15		36	0	19.38	19.59	19.44	20.2
15		36	20	19.47	19.64	19.36	20.2
15		36	39	19.54	19.53	19.37	20.2
15		75	0	19.35	19.45	19.24	20.2
15	16QAM	1	0	19.42	19.31	19.58	20.2
15		1	37	19.41	19.41	19.36	20.2
15		1	74	19.45	19.43	19.43	20.2
15		36	0	19.44	19.31	19.51	20.2
15		36	20	19.58	19.46	19.47	20.2
15		36	39	19.54	19.39	19.3	20.2
15		75	0	19.34	19.49	19.55	20.2
15	64QAM	1	0	19.47	19.5	19.52	20.2
15		1	37	19.56	19.45	19.59	20.2
15		1	74	19.53	19.55	19.5	20.2
15		36	0	19.53	19.58	19.48	20.2
15		36	20	19.37	19.43	19.52	20.2
15		36	39	19.45	19.61	19.58	20.2
15		75	0	19.36	19.5	19.6	20.2
15	256QAM	1	0	19.47	19.73	19.46	20.2
15		1	37	19.41	19.63	19.5	20.2
15		1	74	19.64	19.61	19.53	20.2
15		36	0	19.43	19.57	19.42	20.2
15		36	20	19.51	19.41	19.55	20.2
15		36	39	19.49	19.52	19.55	20.2
15		75	0	19.44	19.6	19.5	20.2
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1910	
10	QPSK	1	0	19.53	19.61	19.64	20.2
10		1	25	19.62	19.65	19.56	20.2
10		1	49	19.46	19.62	19.6	20.2
10		25	0	19.41	19.55	19.45	20.2
10		25	12	19.43	19.48	19.41	20.2
10		25	25	19.48	19.52	19.35	20.2
10		50	0	19.28	19.36	19.22	20.2
10	16QAM	1	0	19.37	19.43	19.57	20.2
10		1	25	19.34	19.37	19.32	20.2
10		1	49	19.44	19.34	19.36	20.2
10		25	0	19.5	19.33	19.46	20.2
10		25	12	19.56	19.5	19.49	20.2
10		25	25	19.57	19.44	19.48	20.2
10		50	0	19.32	19.49	19.59	20.2
10	64QAM	1	0	19.5	19.52	19.64	20.2
10		1	25	19.44	19.35	19.55	20.2
10		1	49	19.52	19.65	19.45	20.2
10		25	0	19.49	19.52	19.43	20.2
10		25	12	19.41	19.46	19.53	20.2
10		25	25	19.39	19.62	19.53	20.2
10		50	0	19.49	19.51	19.53	20.2
10	256QAM	1	0	19.38	19.66	19.44	20.2
10		1	25	19.41	19.63	19.52	20.2
10		1	49	19.65	19.5	19.57	20.2
10		25	0	19.38	19.53	19.47	20.2
10		25	12	19.44	19.42	19.5	20.2
10		25	25	19.55	19.44	19.5	20.2
10		50	0	19.38	19.5	19.45	20.2
Channel				26032	26340	26965	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	19.59	19.63	19.68	20.2
5		1	12	19.71	19.65	19.5	20.2
5		1	24	19.52	19.68	19.57	20.2
5		12	0	19.47	19.57	19.41	20.2
5		12	7	19.5	19.47	19.33	20.2
5		12	13	19.53	19.52	19.34	20.2
5		25	0	19.22	19.4	19.22	20.2
5	16QAM	1	0	19.41	19.35	19.56	20.2
5		1	12	19.37	19.29	19.43	20.2
5		1	24	19.5	19.42	19.33	20.2
5		12	0	19.43	19.4	19.48	20.2
5		12	7	19.54	19.37	19.46	20.2
5		12	13	19.48	19.43	19.48	20.2
5		25	0	19.36	19.58	19.49	20.2
5	64QAM	1	0	19.5	19.49	19.56	20.2
5		1	12	19.55	19.44	19.58	20.2
5		1	24	19.5	19.57	19.54	20.2
5		12	0	19.49	19.45	19.49	20.2
5		12	7	19.43	19.51	19.47	20.2
5		12	13	19.39	19.67	19.54	20.2
5		25	0	19.51	19.53	19.53	20.2
5	256QAM	1	0	19.53	19.61	19.38	20.2
5		1	12	19.46	19.72	19.58	20.2
5		1	24	19.64	19.54	19.62	20.2
5		12	0	19.48	19.61	19.5	20.2
5		12	7	19.41	19.46	19.44	20.2
5		12	13	19.46	19.42	19.54	20.2
5		25	0	19.38	19.56	19.57	20.2
Channel				26015	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	19.55	19.72	19.6	20.2
3		1	8	19.7	19.59	19.5	20.2
3		1	14	19.46	19.58	19.52	20.2
3		8	0	19.46	19.54	19.49	20.2
3		8	4	19.47	19.41	19.37	20.2
3		8	7	19.43	19.45	19.3	20.2
3		15	0	19.32	19.49	19.15	20.2
3	16QAM	1	0	19.42	19.32	19.55	20.2
3		1	8	19.33	19.29	19.32	20.2
3		1	14	19.38	19.38	19.38	20.2
3		8	0	19.4	19.4	19.51	20.2
3		8	4	19.62	19.48	19.56	20.2
3		8	7	19.54	19.38	19.58	20.2
3		15	0	19.34	19.44	19.49	20.2
3	64QAM	1	0	19.5	19.57	19.59	20.2
3		1	8	19.56	19.37	19.5	20.2
3		1	14	19.53	19.62	19.47	20.2
3		8	0	19.45	19.53	19.46	20.2
3		8	4	19.34	19.52	19.48	20.2
3		8	7	19.5	19.69	19.56	20.2
3		15	0	19.54	19.6	19.51	20.2
3	256QAM	1	0	19.5	19.59	19.48	20.2
3		1	8	19.38	19.72	19.56	20.2
3		1	14	19.53	19.63	19.62	20.2
3		8	0	19.5	19.53	19.53	20.2
3		8	4	19.4	19.5	19.47	20.2
3		8	7	19.47	19.44	19.54	20.2
3		15	0	19.36	19.58	19.54	20.2
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.54	19.63	19.6	20.2
1.4		1	3	19.71	19.64	19.56	20.2
1.4		1	5	19.46	19.58	19.51	20.2
1.4		3	0	19.42	19.56	19.47	20.2
1.4		3	1	19.43	19.43	19.33	20.2
1.4		3	3	19.52	19.57	19.27	20.2
1.4		6	0	19.25	19.48	19.14	20.2
1.4	16QAM	1	0	19.45	19.33	19.52	20.2
1.4		1	3	19.4	19.36	19.44	20.2
1.4		1	5	19.49	19.38	19.44	20.2
1.4		3	0	19.47	19.44	19.44	20.2
1.4		3	1	19.49	19.51	19.45	20.2
1.4		3	3	19.51	19.45	19.45	20.2
1.4		6	0	19.32	19.53	19.52	20.2
1.4	64QAM	1	0	19.46	19.57	19.6	20.2
1.4		1	3	19.54	19.33	19.58	20.2
1.4		1	5	19.43	19.54	19.44	20.2
1.4		3	0	19.58	19.53	19.55	20.2
1.4		3	1	19.36	19.46	19.52	20.2
1.4		3	3	19.41	19.57	19.55	20.2
1.4		6	0	19.52	19.52	19.59	20.2
1.4	256QAM	1	0	19.49	19.66	19.35	20.2
1.4		1	3	19.36	19.71	19.54	20.2
1.4		1	5	19.62	19.6	19.51	20.2
1.4		3	0	19.49	19.53	19.44	20.2
1.4		3	1	19.48	19.5	19.55	20.2
1.4		3	3	19.54	19.48	19.56	20.2
1.4		6	0	19.45	19.57	19.51	20.2

<LTE Band 66_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.72	18.91	18.84	19.2
20		1	49	18.7	18.79	18.53	19.2
20		1	99	18.66	18.83	18.66	19.2
20		50	0	18.6	18.76	18.59	19.2
20		50	24	18.53	18.63	18.53	19.2
20		50	50	18.59	18.59	18.58	19.2
20		100	0	18.38	18.58	18.41	19.2
20	16QAM	1	0	18.52	18.66	18.75	19.2
20		1	49	18.61	18.61	18.62	19.2
20		1	99	18.63	18.47	18.6	19.2
20		50	0	18.59	18.56	18.66	19.2
20		50	24	18.62	18.6	18.62	19.2
20		50	50	18.79	18.65	18.66	19.2
20		100	0	18.62	18.73	18.67	19.2
20	64QAM	1	0	18.62	18.61	18.68	19.2
20		1	49	18.65	18.69	18.78	19.2
20		1	99	18.62	18.82	18.65	19.2
20		50	0	18.77	18.66	18.65	19.2
20		50	24	18.63	18.68	18.56	19.2
20		50	50	18.58	18.73	18.64	19.2
20		100	0	18.67	18.79	18.74	19.2
20	256QAM	1	0	18.62	18.83	18.71	19.2
20		1	49	18.58	18.76	18.73	19.2
20		1	99	18.81	18.67	18.73	19.2
20		50	0	18.66	18.82	18.74	19.2
20		50	24	18.56	18.64	18.69	19.2
20		50	50	18.66	18.75	18.71	19.2
20		100	0	18.55	18.77	18.77	19.2
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.64	18.87	18.79	19.2
15		1	37	18.58	18.69	18.81	19.2
15		1	74	18.54	18.76	18.52	19.2
15		36	0	18.56	18.69	18.54	19.2
15		36	20	18.42	18.57	18.39	19.2
15		36	39	18.5	18.46	18.45	19.2
15		75	0	18.32	18.52	18.26	19.2
15	16QAM	1	0	18.38	18.52	18.64	19.2
15		1	37	18.55	18.56	18.5	19.2
15		1	74	18.54	18.41	18.45	19.2
15		36	0	18.53	18.52	18.58	19.2
15		36	20	18.48	18.51	18.72	19.2
15		36	39	18.75	18.39	18.6	19.2
15		75	0	18.49	18.64	18.58	19.2
15	64QAM	1	0	18.6	18.48	18.56	19.2
15		1	37	18.63	18.67	18.68	19.2
15		1	74	18.59	18.79	18.59	19.2
15		36	0	18.68	18.57	18.55	19.2
15		36	20	18.61	18.61	18.46	19.2
15		36	39	18.45	18.68	18.74	19.2
15		75	0	18.58	18.76	18.61	19.2
15	256QAM	1	0	18.51	18.76	18.69	19.2
15		1	37	18.46	18.63	18.6	19.2
15		1	74	18.72	18.61	18.68	19.2
15		36	0	18.6	18.74	18.72	19.2
15		36	20	18.52	18.49	18.54	19.2
15		36	39	18.55	18.64	18.67	19.2
15		75	0	18.5	18.67	18.68	19.2
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.7	18.88	18.7	19.2
10		1	25	18.61	18.71	18.77	19.2
10		1	49	18.58	18.77	18.59	19.2
10		25	0	18.52	18.68	18.55	19.2
10		25	12	18.5	18.53	18.46	19.2
10		25	25	18.47	18.52	18.48	19.2
10		50	0	18.24	18.34	18.33	19.2
10	16QAM	1	0	18.4	18.59	18.63	19.2
10		1	25	18.5	18.56	18.51	19.2
10		1	49	18.57	18.44	18.51	19.2
10		25	0	18.49	18.45	18.55	19.2
10		25	12	18.59	18.56	18.71	19.2
10		25	25	18.65	18.54	18.56	19.2
10		50	0	18.56	18.7	18.66	19.2
10	64QAM	1	0	18.6	18.5	18.81	19.2
10		1	25	18.53	18.6	18.7	19.2
10		1	49	18.53	18.71	18.59	19.2
10		25	0	18.64	18.61	18.57	19.2
10		25	12	18.55	18.66	18.43	19.2
10		25	25	18.51	18.7	18.82	19.2
10		50	0	18.59	18.68	18.73	19.2
10	256QAM	1	0	18.57	18.69	18.58	19.2
10		1	25	18.48	18.71	18.63	19.2
10		1	49	18.74	18.56	18.6	19.2
10		25	0	18.63	18.72	18.72	19.2
10		25	12	18.42	18.54	18.54	19.2
10		25	25	18.65	18.71	18.64	19.2
10		50	0	18.41	18.64	18.66	19.2
Channel				131697	132322	132947	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.66	18.78	18.69	19.2
5		1	12	18.61	18.71	18.6	19.2
5		1	24	18.62	18.61	18.58	19.2
5		12	0	18.48	18.62	18.55	19.2
5		12	7	18.4	18.62	18.45	19.2
5		12	13	18.56	18.58	18.53	19.2
5		25	0	18.35	18.5	18.35	19.2
5	16QAM	1	0	18.44	18.37	18.65	19.2
5		1	12	18.5	18.54	18.57	19.2
5		1	24	18.53	18.44	18.5	19.2
5		12	0	18.57	18.41	18.54	19.2
5		12	7	18.55	18.57	18.6	19.2
5		12	13	18.71	18.62	18.53	19.2
5		25	0	18.52	18.7	18.55	19.2
5	64QAM	1	0	18.52	18.5	18.62	19.2
5		1	12	18.56	18.67	18.73	19.2
5		1	24	18.59	18.71	18.54	19.2
5		12	0	18.73	18.62	18.62	19.2
5		12	7	18.6	18.54	18.5	19.2
5		12	13	18.5	18.69	18.71	19.2
5		25	0	18.65	18.71	18.66	19.2
5	256QAM	1	0	18.54	18.71	18.6	19.2
5		1	12	18.44	18.75	18.64	19.2
5		1	24	18.67	18.56	18.59	19.2
5		12	0	18.59	18.79	18.62	19.2
5		12	7	18.5	18.53	18.56	19.2
5		12	13	18.64	18.62	18.57	19.2
5		25	0	18.46	18.75	18.62	19.2
Channel				131697	132322	132947	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.59	18.8	18.71	19.2
3		1	8	18.56	18.73	18.64	19.2
3		1	14	18.61	18.77	18.63	19.2
3		8	0	18.51	18.74	18.5	19.2
3		8	4	18.44	18.53	18.42	19.2
3		8	7	18.48	18.45	18.47	19.2
3		15	0	18.32	18.57	18.32	19.2
3	16QAM	1	0	18.39	18.62	18.63	19.2
3		1	8	18.49	18.5	18.58	19.2
3		1	14	18.55	18.41	18.49	19.2
3		8	0	18.51	18.43	18.63	19.2
3		8	4	18.55	18.51	18.7	19.2
3		8	7	18.7	18.53	18.58	19.2
3		15	0	18.59	18.61	18.6	19.2
3	64QAM	1	0	18.55	18.55	18.64	19.2
3		1	8	18.51	18.63	18.73	19.2
3		1	14	18.59	18.76	18.61	19.2
3		8	0	18.62	18.52	18.54	19.2
3		8	4	18.58	18.55	18.48	19.2
3		8	7	18.49	18.71	18.72	19.2
3		15	0	18.59	18.65	18.69	19.2
3	256QAM	1	0	18.52	18.69	18.67	19.2
3		1	8	18.43	18.75	18.65	19.2
3		1	14	18.74	18.57	18.64	19.2
3		8	0	18.52	18.8	18.73	19.2
3		8	4	18.47	18.31	18.62	19.2
3		8	7	18.61	18.73	18.63	19.2
3		15	0	18.43	18.7	18.63	19.2
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1779.3	
1.4	QPSK	1	0	18.57	18.87	18.73	19.2
1.4		1	3	18.57	18.67	18.83	19.2
1.4		1	5	18.56	18.7	18.54	19.2
1.4		3	0	18.46	18.71	18.53	19.2
1.4		3	1	18.47	18.6	18.49	19.2
1.4		3	3	18.45	18.48	18.5	19.2
1.4		6	0	18.37	18.51	18.39	19.2
1.4	16QAM	1	0	18.4	18.6	18.67	19.2
1.4		1	3	18.53	18.46	18.52	19.2
1.4		1	5	18.62	18.45	18.54	19.2
1.4		3	0	18.55	18.52	18.62	19.2
1.4		3	1	18.52	18.49	18.61	19.2
1.4		3	3	18.7	18.56	18.58	19.2
1.4		6	0	18.52	18.67	18.59	19.2
1.4	64QAM	1	0	18.6	18.56	18.63	19.2
1.4		1	3	18.55	18.63	18.75	19.2
1.4		1	5	18.48	18.79	18.59	19.2
1.4		3	0	18.63	18.54	18.59	19.2
1.4		3	1	18.58	18.66	18.44	19.2
1.4		3	3	18.44	18.68	18.73	19.2
1.4		6	0	18.57	18.73	18.62	19.2
1.4	256QAM	1	0	18.5	18.78	18.56	19.2
1.4		1	3	18.45	18.7	18.67	19.2
1.4		1	5	18.74	18.55	18.62	19.2
1.4		3	0	18.56	18.8	18.6	19.2
1.4		3	1	18.46	18.5	18.55	19.2
1.4		3	3	18.54	18.65	18.57	19.2
1.4		6	0	18.43	18.62	18.63	19.2

<LTE Band 38_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.9	19.96	19.91	20.2
20		1	49	19.75	19.85	19.72	20.2
20		1	99	19.67	19.8	19.68	20.2
20		50	0	19.66	19.86	19.67	20.2
20		50	24	19.62	19.79	19.61	20.2
20		50	50	19.61	19.75	19.62	20.2
20		100	0	19.66	19.76	19.64	20.2
20	16QAM	1	0	19.66	19.77	19.58	20.2
20		1	49	19.41	19.58	19.44	20.2
20		1	99	19.55	19.66	19.59	20.2
20		50	0	19.47	19.66	19.58	20.2
20		50	24	19.61	19.71	19.58	20.2
20		50	50	19.5	19.7	19.61	20.2
20		100	0	19.57	19.78	19.6	20.2
20	64QAM	1	0	19.61	19.7	19.53	20.2
20		1	49	19.58	19.67	19.54	20.2
20		1	99	19.69	19.81	19.7	20.2
20		50	0	19.69	19.78	19.7	20.2
20		50	24	19.63	19.79	19.68	20.2
20		50	50	19.75	19.88	19.77	20.2
20		100	0	19.63	19.81	19.68	20.2
20	256QAM	1	0	19.74	19.81	19.75	20.2
20		1	49	19.89	19.98	19.87	20.2
20		1	99	19.68	19.84	19.66	20.2
20		50	0	19.7	19.8	19.7	20.2
20		50	24	19.63	19.79	19.7	20.2
20		50	50	19.55	19.75	19.57	20.2
20		100	0	19.66	19.83	19.66	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.78	19.84	19.87	20.2
15		1	37	19.64	19.78	19.68	20.2
15		1	74	19.57	19.69	19.57	20.2
15		36	0	19.55	19.83	19.56	20.2
15		36	20	19.61	19.64	19.59	20.2
15		36	39	19.56	19.73	19.54	20.2
15		75	0	19.62	19.63	19.6	20.2
15	16QAM	1	0	19.51	19.64	19.45	20.2
15		1	37	19.33	19.55	19.36	20.2
15		1	74	19.49	19.64	19.48	20.2
15		36	0	19.37	19.61	19.5	20.2
15		36	20	19.52	19.59	19.5	20.2
15		36	39	19.43	19.57	19.58	20.2
15		75	0	19.55	19.68	19.51	20.2
15	64QAM	1	0	19.53	19.66	19.49	20.2
15		1	37	19.46	19.55	19.48	20.2
15		1	74	19.68	19.7	19.58	20.2
15		36	0	19.59	19.75	19.67	20.2
15		36	20	19.51	19.77	19.61	20.2
15		36	39	19.72	19.74	19.65	20.2
15		75	0	19.55	19.7	19.6	20.2
15	256QAM	1	0	19.64	19.69	19.61	20.2
15		1	37	19.8	19.84	19.78	20.2
15		1	74	19.64	19.69	19.63	20.2
15		36	0	19.58	19.73	19.64	20.2
15		36	20	19.54	19.67	19.58	20.2
15		36	39	19.43	19.69	19.44	20.2
15		75	0	19.55	19.75	19.54	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.78	19.9	19.83	20.2
10		1	25	19.67	19.71	19.62	20.2
10		1	49	19.64	19.74	19.63	20.2
10		25	0	19.53	19.82	19.64	20.2
10		25	12	19.67	19.64	19.7	20.2
10		25	25	19.53	19.6	19.61	20.2
10		50	0	19.56	19.67	19.57	20.2
10	16QAM	1	0	19.52	19.67	19.56	20.2
10		1	25	19.39	19.46	19.42	20.2
10		1	49	19.53	19.58	19.45	20.2
10		25	0	19.42	19.6	19.54	20.2
10		25	12	19.49	19.7	19.46	20.2
10		25	25	19.39	19.58	19.48	20.2
10		50	0	19.5	19.75	19.56	20.2
10	64QAM	1	0	19.57	19.6	19.43	20.2
10		1	25	19.54	19.56	19.44	20.2
10		1	49	19.63	19.67	19.62	20.2
10		25	0	19.63	19.63	19.69	20.2
10		25	12	19.55	19.73	19.64	20.2
10		25	25	19.61	19.87	19.7	20.2
10		50	0	19.55	19.66	19.64	20.2
10	256QAM	1	0	19.71	19.71	19.61	20.2
10		1	25	19.85	19.88	19.81	20.2
10		1	49	19.54	19.77	19.58	20.2
10		25	0	19.55	19.67	19.68	20.2
10		25	12	19.57	19.71	19.58	20.2
10		25	25	19.52	19.71	19.46	20.2
10		50	0	19.6	19.75	19.56	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.86	19.86	19.77	20.2
5		1	12	19.6	19.77	19.57	20.2
5		1	24	19.61	19.73	19.67	20.2
5		12	0	19.52	19.79	19.63	20.2
5		12	7	19.71	19.75	19.61	20.2
5		12	13	19.56	19.66	19.58	20.2
5		25	0	19.58	19.64	19.52	20.2
5	16QAM	1	0	19.6	19.66	19.48	20.2
5		1	12	19.39	19.54	19.32	20.2
5		1	24	19.54	19.56	19.58	20.2
5		12	0	19.37	19.52	19.52	20.2
5		12	7	19.57	19.69	19.5	20.2
5		12	13	19.46	19.68	19.54	20.2
5		25	0	19.47	19.76	19.49	20.2
5	64QAM	1	0	19.55	19.65	19.47	20.2
5		1	12	19.54	19.53	19.49	20.2
5		1	24	19.67	19.79	19.67	20.2
5		12	0	19.68	19.68	19.59	20.2
5		12	7	19.56	19.66	19.66	20.2
5		12	13	19.71	19.84	19.69	20.2
5		25	0	19.55	19.74	19.54	20.2
5	256QAM	1	0	19.63	19.75	19.61	20.2
5		1	12	19.85	19.88	19.78	20.2
5		1	24	19.54	19.78	19.64	20.2
5		12	0	19.61	19.72	19.6	20.2
5		12	7	19.55	19.67	19.55	20.2
5		12	13	19.5	19.71	19.45	20.2
5		25	0	19.51	19.71	19.64	20.2

<LTE Band 41_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.43	20.42	20.48	20.4	20.41	20.7
20		1	49	20.24	20.23	20.4	20.27	20.27	20.7
20		1	99	20.26	20.34	20.45	20.33	20.34	20.7
20		50	0	20.3	20.34	20.45	20.26	20.32	20.7
20		50	24	20.18	20.05	20.25	20.02	20.13	20.7
20		50	50	20.06	20.01	20.22	20.09	20.05	20.7
20		100	0	20.24	20.27	20.43	20.3	20.28	20.7
20	16QAM	1	0	20.12	20.08	20.28	20.14	20.06	20.7
20		1	49	20.01	19.98	20.16	20.04	20.04	20.7
20		1	99	20.08	20.02	20.17	20.02	20.08	20.7
20		50	0	20.11	20.17	20.29	20.11	20.19	20.7
20		50	24	20.15	20.08	20.28	20.13	20.1	20.7
20		50	50	20.15	20.25	20.34	20.22	20.2	20.7
20		100	0	20.34	20.22	20.4	20.2	20.21	20.7
20	64QAM	1	0	20.15	20.15	20.27	20.08	20.14	20.7
20		1	49	20.22	20.17	20.28	20.09	20.09	20.7
20		1	99	20.36	20.31	20.43	20.23	20.24	20.7
20		50	0	20.26	20.29	20.4	20.21	20.25	20.7
20		50	24	20.2	20.17	20.36	20.24	20.25	20.7
20		50	50	20.28	20.31	20.4	20.19	20.22	20.7
20		100	0	20.2	20.26	20.35	20.22	20.16	20.7
20	256QAM	1	0	20.27	20.2	20.37	20.23	20.16	20.7
20		1	49	20.29	20.22	20.42	20.2	20.21	20.7
20		1	99	20.14	20.11	20.3	20.13	20.1	20.7
20		50	0	20.23	20.27	20.35	20.25	20.22	20.7
20		50	24	20.23	20.2	20.33	20.15	20.2	20.7
20		50	50	20.2	20.21	20.3	20.14	20.12	20.7
20		100	0	20.21	20.23	20.35	20.18	20.25	20.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.37	20.33	20.43	20.33	20.32	20.7
15		1	37	20.16	20.12	20.3	20.24	20.16	20.7
15		1	74	20.23	20.26	20.32	20.31	20.22	20.7
15		36	0	20.24	20.29	20.38	20.23	20.2	20.7
15		36	20	20.05	19.98	20.24	19.99	20.05	20.7
15		36	39	19.92	19.93	20.07	20	19.96	20.7
15		75	0	20.14	20.18	20.42	20.25	20.16	20.7
15	16QAM	1	0	20.02	19.95	20.23	20.11	20.01	20.7
15		1	37	19.87	19.92	20.08	20.02	19.92	20.7
15		1	74	20	20.01	20.14	19.97	19.98	20.7
15		36	0	20.04	20.14	20.19	20.08	20.14	20.7
15		36	20	20.13	20	20.15	20.01	20.06	20.7
15		36	39	20.03	20.2	20.24	20.13	20.07	20.7
15		75	0	20.24	20.18	20.34	20.11	20.07	20.7
15	64QAM	1	0	20.09	20.08	20.19	19.96	20.01	20.7
15		1	37	20.14	20.11	20.23	20.05	19.96	20.7
15		1	74	20.21	20.27	20.39	20.13	20.22	20.7
15		36	0	20.15	20.27	20.33	20.11	20.22	20.7
15		36	20	20.05	20.06	20.23	20.13	20.1	20.7
15		36	39	20.22	20.17	20.35	20.11	20.18	20.7
15		75	0	20.13	20.13	20.25	20.14	20.13	20.7
15	256QAM	1	0	20.2	20.05	20.28	20.2	20.05	20.7
15		1	37	20.16	20.19	20.37	20.16	20.17	20.7
15		1	74	20.03	20	20.23	20.11	20.05	20.7
15		36	0	20.11	20.26	20.25	20.14	20.07	20.7
15		36	20	20.14	20.09	20.2	20.12	20.11	20.7
15		36	39	20.17	20.19	20.2	20.04	20.05	20.7
15		75	0	20.18	20.22	20.26	20.07	20.2	20.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.39	20.33	20.46	20.27	20.32	20.7
10		1	25	20.19	20.2	20.25	20.18	20.25	20.7
10		1	49	20.2	20.19	20.31	20.3	20.27	20.7
10		25	0	20.16	20.25	20.38	20.22	20.29	20.7
10		25	12	20.04	19.92	20.13	19.94	20	20.7
10		25	25	19.99	19.95	20.09	19.99	19.98	20.7
10		50	0	20.16	20.18	20.36	20.2	20.17	20.7
10	16QAM	1	0	19.99	19.98	20.22	20.09	19.99	20.7
10		1	25	19.89	19.9	20.13	19.99	19.92	20.7
10		1	49	19.93	19.87	20.04	19.98	19.94	20.7
10		25	0	20.02	20.09	20.15	20.05	20.12	20.7
10		25	12	20.14	20.04	20.19	20.07	20	20.7
10		25	25	20.14	20.1	20.27	20.13	20.18	20.7
10		50	0	20.23	20.16	20.29	20.18	20.19	20.7
10	64QAM	1	0	20.11	20.04	20.15	19.96	20.08	20.7
10		1	25	20.16	20.14	20.17	20.05	19.95	20.7
10		1	49	20.24	20.3	20.4	20.17	20.16	20.7
10		25	0	20.24	20.26	20.38	20.19	20.16	20.7
10		25	12	20.06	20.06	20.21	20.13	20.13	20.7
10		25	25	20.2	20.26	20.25	20.09	20.14	20.7
10		50	0	20.19	20.17	20.2	20.12	20.1	20.7
10	256QAM	1	0	20.13	20.07	20.29	20.18	20.03	20.7
10		1	25	20.15	20.09	20.34	20.17	20.07	20.7
10		1	49	20.04	20.01	20.26	20.08	20.04	20.7
10		25	0	20.21	20.13	20.34	20.12	20.18	20.7
10		25	12	20.18	20.09	20.32	20.11	20.05	20.7
10		25	25	20.15	20.13	20.2	20.13	20.09	20.7
10		50	0	20.16	20.17	20.32	20.04	20.11	20.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.41	20.27	20.45	20.26	20.29	20.7
5		1	12	20.19	20.1	20.34	20.17	20.16	20.7
5		1	24	20.19	20.32	20.33	20.24	20.2	20.7
5		12	0	20.2	20.28	20.31	20.24	20.25	20.7
5		12	7	20.09	19.97	20.16	19.9	19.99	20.7
5		12	13	19.91	20	20.2	20.02	20.01	20.7
5		25	0	20.19	20.17	20.42	20.18	20.15	20.7
5	16QAM	1	0	20.06	20.01	20.13	20.08	19.97	20.7
5		1	12	19.93	19.93	20.06	19.91	19.95	20.7
5		1	24	19.96	19.96	20.14	19.87	19.98	20.7
5		12	0	20.08	20.06	20.19	19.97	20.13	20.7
5		12	7	20.05	19.97	20.2	20.08	20.02	20.7
5		12	13	20.1	20.21	20.31	20.09	20.08	20.7
5		25	0	20.21	20.16	20.37	20.08	20.15	20.7
5	64QAM	1	0	20.11	20.05	20.2	20	20.03	20.7
5		1	12	20.16	20.15	20.18	19.97	20.08	20.7
5		1	24	20.34	20.25	20.42	20.09	20.17	20.7
5		12	0	20.24	20.19	20.33	20.08	20.2	20.7
5		12	7	20.17	20.06	20.23	20.18	20.21	20.7
5		12	13	20.24	20.16	20.32	20.16	20.19	20.7
5		25	0	20.19	20.11	20.33	20.14	20.05	20.7
5	256QAM	1	0	20.19	20.14	20.24	20.08	20.08	20.7
5		1	12	20.16	20.09	20.32	20.16	20.14	20.7
5		1	24	20.12	20.05	20.26	20.06	19.99	20.7
5		12	0	20.22	20.12	20.34	20.14	20.11	20.7
5		12	7	20.1	20.12	20.32	20.1	20.11	20.7
5		12	13	20.14	20.12	20.22	20.07	20.05	20.7
5		25	0	20.14	20.2	20.28	20.08	20.12	20.7

<LTE Band 42 (27Q)_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.39	18.57	18.46	18.7
20		1	49	18.25	18.47	18.23	18.7
20		1	99	18.11	18.43	18.24	18.7
20		50	0	18.23	18.53	18.36	18.7
20		50	24	17.94	18.22	18.09	18.7
20		50	50	18.04	18.36	18.2	18.7
20		100	0	18.12	18.34	18.08	18.7
20	16QAM	1	0	18.08	18.33	18.19	18.7
20		1	49	17.9	18.18	18.03	18.7
20		1	99	17.89	18.19	17.97	18.7
20		50	0	18.04	18.23	17.97	18.7
20		50	24	17.99	18.27	18.15	18.7
20		50	50	18.06	18.26	18.05	18.7
20		100	0	18.05	18.36	18.18	18.7
20	64QAM	1	0	17.98	18.24	18.06	18.7
20		1	49	18	18.27	18.12	18.7
20		1	99	18.12	18.37	18.18	18.7
20		50	0	18.16	18.41	18.2	18.7
20		50	24	18.1	18.3	18.11	18.7
20		50	50	18.13	18.44	18.23	18.7
20		100	0	18.17	18.42	18.24	18.7
20	256QAM	1	0	18.15	18.43	18.3	18.7
20		1	49	18.2	18.49	18.28	18.7
20		1	99	18.13	18.35	18.1	18.7
20		50	0	18.13	18.35	18.14	18.7
20		50	24	18.11	18.38	18.24	18.7
20		50	50	17.97	18.27	18.04	18.7
20		100	0	18.13	18.37	18.23	18.7
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.32	18.51	18.45	18.7
15		1	37	18.14	18.41	18.17	18.7
15		1	74	17.98	18.33	18.18	18.7
15		36	0	18.09	18.51	18.26	18.7
15		36	20	17.83	18.11	17.98	18.7
15		36	39	18	18.23	18.15	18.7
15		75	0	18.09	18.19	18.02	18.7
15	16QAM	1	0	18.04	18.25	18.16	18.7
15		1	37	17.82	18.04	18.01	18.7
15		1	74	17.8	18.11	17.95	18.7
15		36	0	17.91	18.11	17.83	18.7
15		36	20	17.85	18.22	18.06	18.7
15		36	39	17.95	18.24	18.02	18.7
15		75	0	17.92	18.34	18.16	18.7
15	64QAM	1	0	17.93	18.09	18.04	18.7
15		1	37	17.91	18.19	18.08	18.7
15		1	74	18.09	18.32	18.06	18.7
15		36	0	18.08	18.29	18.11	18.7
15		36	20	18.07	18.18	18.01	18.7
15		36	39	18.06	18.34	18.16	18.7
15		75	0	18.09	18.4	18.15	18.7
15	256QAM	1	0	18.08	18.36	18.18	18.7
15		1	37	18.05	18.41	18.27	18.7
15		1	74	18.12	18.25	17.99	18.7
15		36	0	18.02	18.26	18.07	18.7
15		36	20	18.09	18.27	18.13	18.7
15		36	39	17.84	18.22	17.92	18.7
15		75	0	17.99	18.32	18.2	18.7
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.38	18.44	18.33	18.7
10		1	25	18.13	18.38	18.11	18.7
10		1	49	18.02	18.3	18.22	18.7
10		25	0	18.18	18.43	18.3	18.7
10		25	12	17.88	18.1	18.05	18.7
10		25	25	17.91	18.25	18.09	18.7
10		50	0	18.05	18.26	18.01	18.7
10	16QAM	1	0	18.02	18.3	18.06	18.7
10		1	25	17.82	18.12	17.93	18.7
10		1	49	17.85	18.15	17.82	18.7
10		25	0	17.92	18.13	17.84	18.7
10		25	12	17.86	18.15	18.11	18.7
10		25	25	17.93	18.22	17.95	18.7
10		50	0	18.03	18.22	18.03	18.7
10	64QAM	1	0	17.96	18.19	17.94	18.7
10		1	25	17.92	18.24	18.05	18.7
10		1	49	18.02	18.33	18.08	18.7
10		25	0	18.1	18.36	18.17	18.7
10		25	12	18.09	18.19	18.06	18.7
10		25	25	18.01	18.4	18.21	18.7
10		50	0	18.12	18.39	18.1	18.7
10	256QAM	1	0	18.11	18.35	18.17	18.7
10		1	25	18.14	18.34	18.26	18.7
10		1	49	18.08	18.21	18.02	18.7
10		25	0	18	18.29	18.07	18.7
10		25	12	18.05	18.36	18.22	18.7
10		25	25	17.89	18.12	17.92	18.7
10		50	0	18.12	18.34	18.09	18.7
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.37	18.5	18.41	18.7
5		1	12	18.15	18.41	18.11	18.7
5		1	24	18.05	18.4	18.09	18.7
5		12	0	18.18	18.52	18.29	18.7
5		12	7	17.93	18.14	18.04	18.7
5		12	13	17.97	18.23	18.07	18.7
5		25	0	18.09	18.19	18.04	18.7
5	16QAM	1	0	18	18.29	18.07	18.7
5		1	12	17.85	18.1	17.98	18.7
5		1	24	17.88	18.14	17.93	18.7
5		12	0	17.99	18.1	17.87	18.7
5		12	7	17.91	18.24	18.1	18.7
5		12	13	17.92	18.15	18.01	18.7
5		25	0	17.96	18.22	18.12	18.7
5	64QAM	1	0	17.86	18.09	18.05	18.7
5		1	12	17.85	18.12	17.99	18.7
5		1	24	18.09	18.33	18.12	18.7
5		12	0	18.07	18.35	18.16	18.7
5		12	7	18.06	18.21	17.97	18.7
5		12	13	18.04	18.31	18.16	18.7
5		25	0	18.07	18.36	18.1	18.7
5	256QAM	1	0	18.07	18.29	18.18	18.7
5		1	12	18.13	18.47	18.14	18.7
5		1	24	18.05	18.24	17.99	18.7
5		12	0	18.04	18.21	18	18.7
5		12	7	18	18.24	18.12	18.7
5		12	13	17.86	18.21	17.94	18.7
5		25	0	18.01	18.32	18.18	18.7

<LTE Band 48_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.11	18.14	18.25	18.12	18.09	19
20		1	49	18.03	17.97	18.22	18.05	17.93	19
20		1	99	17.88	17.91	18.1	17.95	17.9	19
20		50	0	17.95	17.93	18.15	17.89	17.93	19
20		50	24	17.77	17.83	18.03	17.76	17.73	19
20		50	50	17.79	17.75	17.98	17.8	17.81	19
20		100	0	17.95	17.91	18.12	17.94	17.93	19
20	16QAM	1	0	17.71	17.7	17.96	17.82	17.75	19
20		1	49	17.75	17.79	17.92	17.65	17.65	19
20		1	99	17.67	17.78	17.93	17.66	17.72	19
20		50	0	17.77	17.9	18.06	17.84	17.88	19
20		50	24	17.8	17.79	17.99	17.82	17.78	19
20		50	50	17.85	17.91	18.07	17.84	17.8	19
20		100	0	17.83	17.97	18.11	17.94	17.82	19
20	64QAM	1	0	17.82	17.94	18.08	17.84	17.89	19
20		1	49	17.77	17.71	17.96	17.8	17.68	19
20		1	99	17.87	17.94	18.15	17.88	17.92	19
20		50	0	17.86	17.89	18.1	17.83	17.8	19
20		50	24	17.88	17.89	18.05	17.91	17.85	19
20		50	50	17.91	17.87	18.09	17.85	17.88	19
20		100	0	17.85	17.96	18.14	17.93	17.84	19
20	256QAM	1	0	17.95	17.98	18.22	18.01	17.94	19
20		1	49	18.06	17.99	18.21	18.03	17.95	19
20		1	99	17.88	17.93	18.13	17.98	17.84	19
20		50	0	17.93	18.04	18.17	18.01	17.94	19
20		50	24	17.97	17.96	18.12	17.91	17.92	19
20		50	50	17.89	17.92	18.11	17.85	17.91	19
20		100	0	17.83	17.85	18.1	17.87	17.82	19
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18	18.06	18.12	18.05	17.95	19
15		1	37	17.98	17.87	18.21	17.96	17.82	19
15		1	74	17.86	17.83	18.08	17.91	17.84	19
15		36	0	17.8	17.9	18.07	17.86	17.78	19
15		36	20	17.7	17.82	17.94	17.72	17.59	19
15		36	39	17.76	17.62	17.97	17.79	17.77	19
15		75	0	17.85	17.77	18.03	17.92	17.84	19
15	16QAM	1	0	17.69	17.68	17.83	17.72	17.63	19
15		1	37	17.72	17.76	17.88	17.58	17.63	19
15		1	74	17.61	17.74	17.79	17.61	17.65	19
15		36	0	17.72	17.86	17.93	17.78	17.79	19
15		36	20	17.66	17.71	17.95	17.7	17.77	19
15		36	39	17.8	17.86	17.97	17.8	17.75	19
15		75	0	17.75	17.96	18.06	17.83	17.69	19
15	64QAM	1	0	17.8	17.91	17.93	17.77	17.75	19
15		1	37	17.76	17.66	17.92	17.66	17.67	19
15		1	74	17.72	17.82	18.05	17.74	17.82	19
15		36	0	17.76	17.75	18.04	17.78	17.66	19
15		36	20	17.79	17.81	17.97	17.86	17.7	19
15		36	39	17.9	17.76	18.05	17.78	17.84	19
15		75	0	17.76	17.86	18.07	17.85	17.8	19
15	256QAM	1	0	17.86	17.89	18.16	17.89	17.8	19
15		1	37	18.02	17.87	18.13	17.99	17.9	19
15		1	74	17.79	17.81	17.99	17.91	17.74	19
15		36	0	17.78	17.95	18.1	17.91	17.92	19
15		36	20	17.94	17.84	18.07	17.89	17.85	19
15		36	39	17.86	17.9	18.01	17.71	17.83	19
15		75	0	17.78	17.73	18.05	17.78	17.71	19
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.09	18	18.14	18	18.07	19
10		1	25	17.93	17.96	18.19	18.03	17.81	19
10		1	49	17.81	17.88	18.09	17.84	17.76	19
10		25	0	17.87	17.88	18.12	17.76	17.8	19
10		25	12	17.63	17.69	17.92	17.69	17.6	19
10		25	25	17.64	17.65	17.86	17.73	17.72	19
10		50	0	17.91	17.82	18	17.81	17.84	19
10	16QAM	1	0	17.69	17.56	17.81	17.68	17.7	19
10		1	25	17.65	17.68	17.81	17.63	17.61	19
10		1	49	17.61	17.7	17.85	17.63	17.69	19
10		25	0	17.67	17.78	17.93	17.76	17.76	19
10		25	12	17.75	17.76	17.94	17.77	17.75	19
10		25	25	17.83	17.83	18.04	17.79	17.71	19
10		50	0	17.7	17.86	18.09	17.83	17.79	19
10	64QAM	1	0	17.75	17.9	18.01	17.8	17.81	19
10		1	25	17.7	17.82	17.92	17.66	17.67	19
10		1	49	17.74	17.89	18.06	17.73	17.86	19
10		25	0	17.76	17.81	18.02	17.82	17.73	19
10		25	12	17.81	17.79	17.92	17.86	17.71	19
10		25	25	17.89	17.73	18.07	17.74	17.77	19
10		50	0	17.82	17.88	18.1	17.85	17.7	19
10	256QAM	1	0	17.92	17.94	18.2	17.91	17.88	19
10		1	25	17.97	17.97	18.11	17.9	17.92	19
10		1	49	17.82	17.86	17.99	17.9	17.81	19
10		25	0	17.82	17.94	18.1	17.87	17.9	19
10		25	12	17.86	17.82	18.04	17.78	17.86	19
10		25	25	17.77	17.84	18.06	17.78	17.81	19
10		50	0	17.69	17.83	17.95	17.76	17.72	19
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.05	18.07	18.12	18.1	18	19
5		1	12	17.88	17.85	18.17	17.96	17.82	19
5		1	24	17.84	17.77	18.07	17.85	17.77	19
5		12	0	17.8	17.92	18.09	17.76	17.9	19
5		12	7	17.72	17.71	17.9	17.75	17.62	19
5		12	13	17.65	17.6	17.94	17.72	17.79	19
5		25	0	17.91	17.82	18.09	17.85	17.84	19
5	16QAM	1	0	17.59	17.67	17.93	17.68	17.72	19
5		1	12	17.7	17.7	17.84	17.61	17.63	19
5		1	24	17.58	17.66	17.85	17.62	17.7	19
5		12	0	17.69	17.86	17.99	17.78	17.81	19
5		12	7	17.68	17.64	17.88	17.77	17.72	19
5		12	13	17.76	17.86	18.03	17.7	17.7	19
5		25	0	17.79	17.87	17.99	17.88	17.78	19
5	64QAM	1	0	17.69	17.87	17.98	17.72	17.77	19
5		1	12	17.68	17.66	17.91	17.74	17.65	19
5		1	24	17.77	17.88	18.07	17.84	17.79	19
5		12	0	17.77	17.74	17.95	17.79	17.67	19
5		12	7	17.82	17.83	17.94	17.85	17.75	19
5		12	13	17.89	17.84	17.97	17.79	17.76	19
5		25	0	17.77	17.94	18.08	17.78	17.82	19
5	256QAM	1	0	17.84	17.93	18.12	17.86	17.87	19
5		1	12	18.01	17.87	18.17	17.9	17.84	19
5		1	24	17.83	17.91	18.01	17.96	17.83	19
5		12	0	17.79	17.97	18.08	17.92	17.8	19
5		12	7	17.82	17.84	18.07	17.84	17.77	19
5		12	13	17.85	17.83	18.03	17.7	17.77	19
5		25	0	17.7	17.73	17.98	17.84	17.71	19

<LTE Band 2_Ant5_DSS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.68	18.61	18.68	19.5
20		1	49	18.77	18.68	18.67	19.5
20		1	99	18.68	18.64	18.69	19.5
20		50	0	18.51	18.76	18.63	19.5
20		50	24	18.53	18.57	18.57	19.5
20		50	50	18.51	18.61	18.48	19.5
20		100	0	18.33	18.7	18.34	19.5
20	16QAM	1	0	18.48	18.52	18.62	19.5
20		1	49	18.53	18.45	18.58	19.5
20		1	99	18.3	18.58	18.51	19.5
20		50	0	18.61	18.3	18.58	19.5
20		50	24	18.68	18.64	18.73	19.5
20		50	50	18.71	18.59	18.6	19.5
20		100	0	18.49	18.72	18.68	19.5
20	64QAM	1	0	18.53	18.58	18.67	19.5
20		1	49	18.55	18.51	18.61	19.5
20		1	99	18.54	18.68	18.69	19.5
20		50	0	18.68	18.7	18.61	19.5
20		50	24	18.62	18.58	18.72	19.5
20		50	50	18.48	18.69	18.75	19.5
20		100	0	18.62	18.59	18.69	19.5
20	256QAM	1	0	18.54	18.75	18.68	19.5
20		1	49	18.49	18.71	18.69	19.5
20		1	99	18.62	18.64	18.59	19.5
20		50	0	18.54	18.71	18.58	19.5
20		50	24	18.58	18.59	18.66	19.5
20		50	50	18.55	18.59	18.72	19.5
20		100	0	18.55	18.7	18.72	19.5
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1827.5	1880	1932.5	
15	QPSK	1	0	18.65	18.57	18.7	19.5
15		1	37	18.74	18.59	18.58	19.5
15		1	74	18.67	18.53	18.68	19.5
15		36	0	18.41	18.42	18.56	19.5
15		36	20	18.4	18.42	18.45	19.5
15		36	39	18.39	18.38	18.36	19.5
15		75	0	18.28	18.42	18.23	19.5
15	16QAM	1	0	18.31	18.47	18.58	19.5
15		1	37	18.44	18.38	18.52	19.5
15		1	74	18.46	18.42	18.56	19.5
15		36	0	18.48	18.44	18.51	19.5
15		36	20	18.63	18.55	18.62	19.5
15		36	39	18.66	18.3	18.57	19.5
15		75	0	18.45	18.67	18.62	19.5
15	64QAM	1	0	18.39	18.39	18.65	19.5
15		1	37	18.43	18.44	18.56	19.5
15		1	74	18.48	18.57	18.58	19.5
15		36	0	18.55	18.39	18.5	19.5
15		36	20	18.5	18.43	18.42	19.5
15		36	39	18.35	18.65	18.65	19.5
15		75	0	18.57	18.46	18.63	19.5
15	256QAM	1	0	18.46	18.67	18.66	19.5
15		1	37	18.42	18.63	18.66	19.5
15		1	74	18.58	18.58	18.54	19.5
15		36	0	18.41	18.67	18.53	19.5
15		36	20	18.48	18.49	18.54	19.5
15		36	39	18.46	18.32	18.67	19.5
15		75	0	18.52	18.69	18.7	19.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1850	1900	1950	
10	QPSK	1	0	18.57	18.76	18.56	19.5
10		1	25	18.65	18.53	18.65	19.5
10		1	49	18.55	18.55	18.57	19.5
10		25	0	18.42	18.72	18.56	19.5
10		25	12	18.51	18.53	18.49	19.5
10		25	25	18.41	18.33	18.38	19.5
10		50	0	18.33	18.38	18.36	19.5
10	16QAM	1	0	18.37	18.39	18.47	19.5
10		1	25	18.47	18.33	18.45	19.5
10		1	49	18.45	18.44	18.48	19.5
10		25	0	18.47	18.37	18.44	19.5
10		25	12	18.61	18.5	18.59	19.5
10		25	25	18.59	18.39	18.49	19.5
10		50	0	18.39	18.69	18.59	19.5
10	64QAM	1	0	18.47	18.45	18.62	19.5
10		1	25	18.5	18.37	18.53	19.5
10		1	49	18.5	18.61	18.67	19.5
10		25	0	18.54	18.37	18.51	19.5
10		25	12	18.6	18.43	18.52	19.5
10		25	25	18.39	18.55	18.64	19.5
10		50	0	18.52	18.47	18.59	19.5
10	256QAM	1	0	18.46	18.67	18.67	19.5
10		1	25	18.48	18.68	18.58	19.5
10		1	49	18.58	18.61	18.43	19.5
10		25	0	18.43	18.58	18.53	19.5
10		25	12	18.49	18.48	18.62	19.5
10		25	25	18.5	18.47	18.59	19.5
10		50	0	18.52	18.65	18.6	19.5
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1900	1947.5	
5	QPSK	1	0	18.61	18.68	18.6	19.5
5		1	12	18.73	18.62	18.56	19.5
5		1	24	18.65	18.54	18.63	19.5
5		12	0	18.43	18.63	18.53	19.5
5		12	7	18.51	18.52	18.48	19.5
5		12	13	18.5	18.57	18.45	19.5
5		25	0	18.3	18.41	18.2	19.5
5	16QAM	1	0	18.42	18.43	18.5	19.5
5		1	12	18.39	18.3	18.46	19.5
5		1	24	18.41	18.48	18.42	19.5
5		12	0	18.56	18.43	18.53	19.5
5		12	7	18.55	18.53	18.68	19.5
5		12	13	18.61	18.49	18.48	19.5
5		25	0	18.45	18.7	18.63	19.5
5	64QAM	1	0	18.3	18.51	18.58	19.5
5		1	12	18.4	18.44	18.48	19.5
5		1	24	18.44	18.67	18.62	19.5
5		12	0	18.6	18.53	18.5	19.5
5		12	7	18.51	18.3	18.44	19.5
5		12	13	18.49	18.47	18.64	19.5
5		25	0	18.48	18.61	18.6	19.5
5	256QAM	1	0	18.4	18.62	18.59	19.5
5		1	12	18.41	18.69	18.57	19.5
5		1	24	18.51	18.44	18.5	19.5
5		12	0	18.53	18.6	18.52	19.5
5		12	7	18.5	18.5	18.57	19.5
5		12	13	18.53	18.46	18.64	19.5
5		25	0	18.48	18.61	18.6	19.5
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1900	1948.5	
3	QPSK	1	0	18.67	18.73	18.63	19.5
3		1	8	18.78	18.63	18.58	19.5
3		1	14	18.57	18.53	18.58	19.5
3		8	0	18.47	18.67	18.52	19.5
3		8	4	18.51	18.54	18.55	19.5
3		8	7	18.42	18.46	18.4	19.5
3		15	0	18.31	18.43	18.19	19.5
3	16QAM	1	0	18.34	18.41	18.55	19.5
3		1	8	18.43	18.39	18.52	19.5
3		1	14	18.45	18.5	18.47	19.5
3		8	0	18.52	18.46	18.48	19.5
3		8	4	18.57	18.5	18.69	19.5
3		8	7	18.62	18.55	18.47	19.5
3		15	0	18.35	18.62	18.55	19.5
3	64QAM	1	0	18.46	18.47	18.64	19.5
3		1	8	18.53	18.43	18.47	19.5
3		1	14	18.47	18.55	18.54	19.5
3		8	0	18.64	18.57	18.47	19.5
3		8	4	18.47	18.56	18.43	19.5
3		8	7	18.34	18.66	18.64	19.5
3		15	0	18.48	18.48	18.64	19.5
3	256QAM	1	0	18.44	18.64	18.64	19.5
3		1	8	18.35	18.63	18.67	19.5
3		1	14	18.57	18.48	18.48	19.5
3		8	0	18.42	18.57	18.55	19.5
3		8	4	18.52	18.51	18.53	19.5
3		8	7	18.41	18.53	18.71	19.5
3		15	0	18.47	18.43	18.6	19.5
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1900	1949.3	
1.4	QPSK	1	0	18.54	18.75	18.58	19.5
1.4		1	3	18.69	18.61	18.63	19.5
1.4		1	5	18.6	18.38	18.59	19.5
1.4		3	0	18.41	18.73	18.5	19.5
1.4		3	1	18.51	18.33	18.47	19.5
1.4		3	3	18.38	18.38	18.45	19.5
1.4		6	0	18.29	18.36	18.26	19.5
1.4	16QAM	1	0	18.32	18.45	18.58	19.5
1.4		1	3	18.51	18.3	18.54	19.5
1.4		1	5	18.36	18.46	18.46	19.5
1.4		3	0	18.48	18.43	18.54	19.5
1.4		3	1	18.61	18.33	18.64	19.5
1.4		3	3	18.65	18.54	18.54	19.5
1.4		6	0	18.39	18.7	18.68	19.5
1.4	64QAM	1	0	18.48	18.38	18.63	19.5
1.4		1	3	18.53	18.38	18.52	19.5
1.4		1	5	18.51	18.34	18.55	19.5
1.4		3	0	18.57	18.68	18.46	19.5
1.4		3	1	18.57	18.47	18.51	19.5
1.4		3	3	18.43	18.64	18.63	19.5
1.4		6	0	18.59	18.57	18.64	19.5
1.4	256QAM	1	0	18.49	18.7	18.62	19.5
1.4		1	3	18.39	18.58	18.68	19.5
1.4		1	5	18.54	18.34	18.49	19.5
1.4		3	0	18.41	18.6	18.53	19.5
1.4		3	1	18.51	18.33	18.61	19.5
1.4		3	3	18.46	18.34	18.57	19.5
1.4		6	0	18.48	18.6	18.69	19.5

<LTE Band 4_Ant5_DSS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.61	19.74	19.63	20.5
20		1	49	19.68	19.69	19.66	20.5
20		1	99	19.6	19.6	19.51	20.5
20		50	0	19.46	19.64	19.53	20.5
20		50	24	19.44	19.51	19.51	20.5
20		50	50	19.43	19.51	19.5	20.5
20		100	0	19.34	19.47	19.35	20.5
20	16QAM	1	0	19.41	19.52	19.56	20.5
20		1	49	19.39	19.49	19.43	20.5
20		1	99	19.46	19.37	19.47	20.5
20		50	0	19.53	19.51	19.53	20.5
20		50	24	19.51	19.55	19.64	20.5
20		50	50	19.58	19.45	19.63	20.5
20		100	0	19.44	19.58	19.52	20.5
20	64QAM	1	0	19.48	19.44	19.55	20.5
20		1	49	19.53	19.54	19.61	20.5
20		1	99	19.45	19.65	19.5	20.5
20		50	0	19.48	19.54	19.46	20.5
20		50	24	19.54	19.54	19.41	20.5
20		50	50	19.39	19.59	19.63	20.5
20		100	0	19.47	19.51	19.66	20.5
20	256QAM	1	0	19.54	19.66	19.49	20.5
20		1	49	19.49	19.66	19.46	20.5
20		1	99	19.56	19.62	19.52	20.5
20		50	0	19.64	19.64	19.58	20.5
20		50	24	19.42	19.56	19.57	20.5
20		50	50	19.53	19.58	19.6	20.5
20		100	0	19.63	19.63	19.63	20.5
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.54	19.67	19.54	20.5
15		1	37	19.6	19.65	19.52	20.5
15		1	74	19.51	19.59	19.5	20.5
15		36	0	19.4	19.52	19.49	20.5
15		36	20	19.39	19.43	19.46	20.5
15		36	39	19.39	19.42	19.48	20.5
15		75	0	19.21	19.37	19.13	20.5
15	16QAM	1	0	19.37	19.3	19.46	20.5
15		1	37	19.28	19.41	19.39	20.5
15		1	74	19.39	19.24	19.41	20.5
15		36	0	19.4	19.4	19.52	20.5
15		36	20	19.36	19.46	19.62	20.5
15		36	39	19.45	19.44	19.48	20.5
15		75	0	19.4	19.48	19.31	20.5
15	64QAM	1	0	19.33	19.42	19.49	20.5
15		1	37	19.41	19.53	19.56	20.5
15		1	74	19.35	19.54	19.41	20.5
15		36	0	19.42	19.52	19.42	20.5
15		36	20	19.44	19.49	19.29	20.5
15		36	39	19.37	19.3	19.6	20.5
15		75	0	19.33	19.43	19.58	20.5
15	256QAM	1	0	19.48	19.62	19.34	20.5
15		1	37	19.47	19.62	19.39	20.5
15		1	74	19.46	19.54	19.37	20.5
15		36	0	19.39	19.53	19.48	20.5
15		36	20	19.34	19.44	19.43	20.5
15		36	39	19.39	19.56	19.58	20.5
15		75	0	19.4	19.51	19.58	20.5
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.59	19.64	19.46	20.5
10		1	25	19.67	19.67	19.57	20.5
10		1	49	19.56	19.52	19.45	20.5
10		25	0	19.43	19.49	19.51	20.5
10		25	12	19.32	19.37	19.46	20.5
10		25	25	19.34	19.42	19.4	20.5
10		50	0	19.2	19.42	19.22	20.5
10	16QAM	1	0	19.29	19.41	19.41	20.5
10		1	25	19.36	19.42	19.29	20.5
10		1	49	19.33	19.26	19.34	20.5
10		25	0	19.42	19.36	19.46	20.5
10		25	12	19.47	19.47	19.58	20.5
10		25	25	19.5	19.43	19.44	20.5
10		50	0	19.31	19.48	19.42	20.5
10	64QAM	1	0	19.41	19.42	19.46	20.5
10		1	25	19.48	19.48	19.56	20.5
10		1	49	19.31	19.57	19.44	20.5
10		25	0	19.39	19.49	19.39	20.5
10		25	12	19.42	19.52	19.53	20.5
10		25	25	19.32	19.55	19.56	20.5
10		50	0	19.39	19.44	19.62	20.5
10	256QAM	1	0	19.42	19.38	19.46	20.5
10		1	25	19.46	19.57	19.38	20.5
10		1	49	19.47	19.56	19.46	20.5
10		25	0	19.52	19.62	19.46	20.5
10		25	12	19.36	19.44	19.56	20.5
10		25	25	19.47	19.44	19.56	20.5
10		50	0	19.34	19.35	19.57	20.5
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.52	19.64	19.62	20.5
5		1	12	19.62	19.67	19.65	20.5
5		1	24	19.53	19.46	19.45	20.5
5		12	0	19.44	19.49	19.38	20.5
5		12	7	19.36	19.36	19.41	20.5
5		12	13	19.34	19.46	19.44	20.5
5		25	0	19.3	19.35	19.15	20.5
5	16QAM	1	0	19.31	19.42	19.5	20.5
5		1	12	19.28	19.45	19.37	20.5
5		1	24	19.33	19.36	19.42	20.5
5		12	0	19.44	19.38	19.44	20.5
5		12	7	19.48	19.52	19.52	20.5
5		12	13	19.47	19.47	19.31	20.5
5		25	0	19.34	19.46	19.47	20.5
5	64QAM	1	0	19.45	19.39	19.52	20.5
5		1	12	19.43	19.53	19.53	20.5
5		1	24	19.44	19.59	19.44	20.5
5		12	0	19.47	19.41	19.4	20.5
5		12	7	19.52	19.46	19.39	20.5
5		12	13	19.32	19.55	19.59	20.5
5		25	0	19.4	19.43	19.6	20.5
5	256QAM	1	0	19.4	19.6	19.36	20.5
5		1	12	19.41	19.59	19.33	20.5
5		1	24	19.53	19.59	19.44	20.5
5		12	0	19.35	19.59	19.46	20.5
5		12	7	19.31	19.54	19.45	20.5
5		12	13	19.39	19.46	19.5	20.5
5		25	0	19.39	19.54	19.56	20.5
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.56	19.69	19.62	20.5
3		1	8	19.57	19.66	19.57	20.5
3		1	14	19.49	19.58	19.47	20.5
3		8	0	19.32	19.53	19.43	20.5
3		8	4	19.38	19.49	19.45	20.5
3		8	7	19.39	19.42	19.43	20.5
3		15	0	19.21	19.34	19.12	20.5
3	16QAM	1	0	19.39	19.49	19.47	20.5
3		1	8	19.36	19.37	19.35	20.5
3		1	14	19.39	19.28	19.44	20.5
3		8	0	19.43	19.47	19.44	20.5
3		8	4	19.44	19.52	19.5	20.5
3		8	7	19.37	19.43	19.52	20.5
3		15	0	19.32	19.55	19.42	20.5
3	64QAM	1	0	19.42	19.36	19.47	20.5
3		1	8	19.42	19.47	19.52	20.5
3		1	14	19.4	19.63	19.37	20.5
3		8	0	19.47	19.49	19.33	20.5
3		8	4	19.52	19.46	19.38	20.5
3		8	7	19.32	19.57	19.48	20.5
3		15	0	19.44	19.43	19.59	20.5
3	256QAM	1	0	19.47	19.54	19.41	20.5
3		1	8	19.44	19.64	19.36	20.5
3		1	14	19.51	19.52	19.49	20.5
3		8	0	19.38	19.61	19.5	20.5
3		8	4	19.36	19.52	19.47	20.5
3		8	7	19.5	19.53	19.49	20.5
3		15	0	19.4	19.61	19.56	20.5
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.56	19.67	19.54	20.5
1.4		1	3	19.62	19.65	19.56	20.5
1.4		1	5	19.51	19.58	19.49	20.5
1.4		3	0	19.39	19.55	19.39	20.5
1.4		3	1	19.39	19.45	19.42	20.5
1.4		3	3	19.29	19.39	19.46	20.5
1.4		6	0	19.24	19.43	19.14	20.5
1.4	16QAM	1	0	19.36	19.43	19.42	20.5
1.4		1	3	19.33	19.44	19.3	20.5
1.4		1	5	19.41	19.28	19.42	20.5
1.4		3	0	19.49	19.37	19.5	20.5
1.4		3	1	19.41	19.51	19.51	20.5
1.4		3	3	19.46	19.48	19.49	20.5
1.4		6	0	19.39	19.53	19.38	20.5
1.4	64QAM	1	0	19.34	19.41	19.41	20.5
1.4		1	3	19.38	19.42	19.58	20.5
1.4		1	5	19.34	19.54	19.44	20.5
1.4		3	0	19.43	19.5	19.42	20.5
1.4		3	1	19.47	19.46	19.33	20.5
1.4		3	3	19.3	19.51	19.38	20.5
1.4		6	0	19.41	19.43	19.54	20.5
1.4	256QAM	1	0	19.4	19.64	19.45	20.5
1.4		1	3	19.42	19.54	19.33	20.5
1.4		1	5	19.45	19.54	19.4	20.5
1.4		3	0	19.42	19.59	19.42	20.5
1.4		3	1	19.29	19.51	19.49	20.5
1.4		3	3	19.52	19.49	19.5	20.5
1.4		6	0	19.43	19.55	19.31	20.5

<LTE Band 7_Ant5_DSS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.72	17.95	17.68	18.5
20		1	49	17.88	17.87	17.81	18.5
20		1	99	17.85	17.79	17.72	18.5
20		50	0	17.58	17.9	17.74	18.5
20		50	24	17.92	17.85	17.92	18.5
20		50	50	17.91	17.76	17.8	18.5
20		100	0	17.46	17.94	17.46	18.5
20	16QAM	1	0	17.39	17.74	17.71	18.5
20		1	49	17.55	17.64	17.62	18.5
20		1	99	17.55	17.6	17.6	18.5
20		50	0	17.55	17.9	17.6	18.5
20		50	24	17.72	17.75	17.82	18.5
20		50	50	17.77	17.76	17.71	18.5
20		100	0	17.65	17.85	17.79	18.5
20	64QAM	1	0	17.75	17.96	17.82	18.5
20		1	49	17.86	17.94	17.77	18.5
20		1	99	17.8	17.88	17.76	18.5
20		50	0	17.79	17.77	17.89	18.5
20		50	24	17.79	17.79	17.86	18.5
20		50	50	17.58	17.74	17.81	18.5
20		100	0	17.7	17.71	17.77	18.5
20	256QAM	1	0	17.86	17.74	17.73	18.5
20		1	49	17.68	17.83	17.78	18.5
20		1	99	17.85	17.7	17.75	18.5
20		50	0	17.78	17.79	17.81	18.5
20		50	24	17.66	17.69	17.7	18.5
20		50	50	17.67	17.76	17.77	18.5
20		100	0	17.68	17.79	17.76	18.5
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.68	17.9	17.77	18.5
15		1	37	17.77

<LTE Band 25_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			26140	26340	26540	
	Frequency (MHz)			1860	1880	1900	
20	QPSK	1	0	18.69	18.83	18.74	19.5
20		1	49	18.58	18.62	18.72	19.5
20		1	99	18.62	18.75	18.64	19.5
20		50	0	18.53	18.66	18.62	19.5
20		50	24	18.51	18.52	18.52	19.5
20		50	50	18.46	18.58	18.46	19.5
20		100	0	18.39	18.53	18.45	19.5
20	16QAM	1	0	18.53	18.53	18.57	19.5
20		1	49	18.49	18.55	18.54	19.5
20		1	99	18.54	18.41	18.51	19.5
20		50	0	18.54	18.57	18.48	19.5
20		50	24	18.7	18.53	18.68	19.5
20		50	50	18.57	18.53	18.57	19.5
20		100	0	18.49	18.64	18.63	19.5
20	64QAM	1	0	18.54	18.6	18.61	19.5
20		1	49	18.64	18.54	18.72	19.5
20		1	99	18.69	18.77	18.72	19.5
20		50	0	18.71	18.68	18.57	19.5
20		50	24	18.58	18.58	18.59	19.5
20		50	50	18.5	18.68	18.78	19.5
20		100	0	18.62	18.71	18.72	19.5
20	256QAM	1	0	18.59	18.65	18.64	19.5
20		1	49	18.43	18.6	18.53	19.5
20		1	99	18.59	18.68	18.63	19.5
20		50	0	18.64	18.67	18.71	19.5
20		50	24	18.45	18.65	18.62	19.5
20		50	50	18.55	18.6	18.6	19.5
20		100	0	18.39	18.64	18.67	19.5
	Channel			26115	26340	26565	Tune-up Limit (dBm)
	Frequency (MHz)			1857.5	1880	1902.5	
15	QPSK	1	0	18.68	18.65	18.62	19.5
15		1	37	18.62	18.78	18.67	19.5
15		1	74	18.61	18.68	18.49	19.5
15		36	0	18.61	18.63	18.66	19.5
15		36	20	18.57	18.42	18.47	19.5
15		36	39	18.53	18.47	18.35	19.5
15		75	0	18.22	18.5	18.39	19.5
15	16QAM	1	0	18.42	18.43	18.53	19.5
15		1	37	18.34	18.44	18.43	19.5
15		1	74	18.5	18.35	18.42	19.5
15		36	0	18.45	18.52	18.42	19.5
15		36	20	18.63	18.39	18.53	19.5
15		36	39	18.48	18.47	18.44	19.5
15		75	0	18.35	18.51	18.53	19.5
15	64QAM	1	0	18.46	18.49	18.48	19.5
15		1	37	18.61	18.46	18.39	19.5
15		1	74	18.56	18.7	18.62	19.5
15		36	0	18.62	18.59	18.48	19.5
15		36	20	18.55	18.45	18.54	19.5
15		36	39	18.48	18.56	18.71	19.5
15		75	0	18.6	18.69	18.7	19.5
15	256QAM	1	0	18.52	18.57	18.62	19.5
15		1	37	18.3	18.77	18.51	19.5
15		1	74	18.56	18.58	18.6	19.5
15		36	0	18.52	18.65	18.67	19.5
15		36	20	18.37	18.52	18.51	19.5
15		36	39	18.45	18.53	18.56	19.5
15		75	0	18.57	18.61	18.63	19.5
	Channel			26090	26340	26590	Tune-up Limit (dBm)
	Frequency (MHz)			1850	1880	1910	
10	QPSK	1	0	18.67	18.67	18.63	19.5
10		1	25	18.66	18.71	18.62	19.5
10		1	49	18.63	18.62	18.57	19.5
10		25	0	18.46	18.55	18.48	19.5
10		25	12	18.61	18.44	18.61	19.5
10		25	25	18.5	18.44	18.35	19.5
10		50	0	18.3	18.45	18.33	19.5
10	16QAM	1	0	18.67	18.41	18.53	19.5
10		1	25	18.47	18.49	18.42	19.5
10		1	49	18.44	18.36	18.44	19.5
10		25	0	18.46	18.47	18.33	19.5
10		25	12	18.6	18.5	18.6	19.5
10		25	25	18.45	18.42	18.44	19.5
10		50	0	18.34	18.55	18.6	19.5
10	64QAM	1	0	18.51	18.48	18.57	19.5
10		1	25	18.51	18.48	18.59	19.5
10		1	49	18.63	18.78	18.65	19.5
10		25	0	18.59	18.61	18.44	19.5
10		25	12	18.54	18.48	18.57	19.5
10		25	25	18.45	18.58	18.73	19.5
10		50	0	18.5	18.64	18.59	19.5
10	256QAM	1	0	18.38	18.5	18.54	19.5
10		1	25	18.38	18.79	18.39	19.5
10		1	49	18.58	18.65	18.59	19.5
10		25	0	18.55	18.58	18.61	19.5
10		25	12	18.33	18.52	18.49	19.5
10		25	25	18.44	18.53	18.54	19.5
10		50	0	18.51	18.5	18.5	19.5
	Channel			26065	26340	26615	Tune-up Limit (dBm)
	Frequency (MHz)			1852.5	1880	1907.5	
8	QPSK	1	0	18.6	18.74	18.65	19.5
8		1	12	18.61	18.72	18.63	19.5
8		1	24	18.63	18.67	18.5	19.5
8		12	0	18.38	18.57	18.54	19.5
8		12	7	18.58	18.42	18.43	19.5
8		12	13	18.46	18.55	18.43	19.5
8		25	0	18.37	18.44	18.38	19.5
8	16QAM	1	0	18.45	18.51	18.45	19.5
8		1	12	18.37	18.4	18.44	19.5
8		1	24	18.47	18.35	18.44	19.5
8		12	0	18.41	18.49	18.34	19.5
8		12	7	18.58	18.38	18.66	19.5
8		12	13	18.44	18.41	18.45	19.5
8		25	0	18.38	18.62	18.51	19.5
8	64QAM	1	0	18.39	18.55	18.46	19.5
8		1	12	18.61	18.39	18.67	19.5
8		1	24	18.58	18.69	18.58	19.5
8		12	0	18.58	18.6	18.51	19.5
8		12	7	18.44	18.52	18.49	19.5
8		12	13	18.46	18.66	18.68	19.5
8		25	0	18.38	18.67	18.62	19.5
8	256QAM	1	0	18.47	18.58	18.6	19.5
8		1	12	18.34	18.73	18.42	19.5
8		1	24	18.46	18.64	18.58	19.5
8		12	0	18.57	18.58	18.67	19.5
8		12	7	18.36	18.55	18.57	19.5
8		12	13	18.42	18.45	18.5	19.5
8		25	0	18.45	18.52	18.61	19.5
	Channel			26050	26340	26630	Tune-up Limit (dBm)
	Frequency (MHz)			1851.5	1880	1908.5	
3	QPSK	1	0	18.65	18.67	18.68	19.5
3		1	8	18.65	18.73	18.69	19.5
3		1	14	18.68	18.64	18.58	19.5
3		8	0	18.47	18.64	18.55	19.5
3		8	4	18.58	18.41	18.43	19.5
3		8	7	18.52	18.55	18.37	19.5
3		15	0	18.25	18.52	18.38	19.5
3	16QAM	1	0	18.43	18.51	18.48	19.5
3		1	8	18.36	18.31	18.39	19.5
3		1	14	18.44	18.28	18.39	19.5
3		8	0	18.46	18.5	18.39	19.5
3		8	4	18.52	18.4	18.52	19.5
3		8	7	18.53	18.46	18.5	19.5
3		15	0	18.39	18.59	18.51	19.5
3	64QAM	1	0	18.42	18.53	18.59	19.5
3		1	8	18.61	18.42	18.67	19.5
3		1	14	18.57	18.7	18.68	19.5
3		8	0	18.6	18.38	18.48	19.5
3		8	4	18.56	18.53	18.51	19.5
3		8	7	18.44	18.59	18.71	19.5
3		15	0	18.5	18.39	18.61	19.5
3	256QAM	1	0	18.46	18.56	18.57	19.5
3		1	8	18.31	18.75	18.39	19.5
3		1	14	18.55	18.39	18.5	19.5
3		8	0	18.5	18.55	18.65	19.5
3		8	4	18.4	18.52	18.55	19.5
3		8	7	18.42	18.54	18.5	19.5
3		15	0	18.55	18.52	18.52	19.5
	Channel			26047	26340	26633	Tune-up Limit (dBm)
	Frequency (MHz)			1850.7	1880	1909.3	
1.4	QPSK	1	0	18.6	18.63	18.67	19.5
1.4		1	3	18.66	18.67	18.67	19.5
1.4		1	5	18.66	18.65	18.52	19.5
1.4		3	0	18.41	18.64	18.48	19.5
1.4		3	1	18.6	18.4	18.38	19.5
1.4		3	3	18.43	18.43	18.37	19.5
1.4		6	0	18.31	18.44	18.36	19.5
1.4	16QAM	1	0	18.45	18.47	18.38	19.5
1.4		1	3	18.37	18.43	18.45	19.5
1.4		1	5	18.45	18.36	18.39	19.5
1.4		3	0	18.45	18.44	18.46	19.5
1.4		3	1	18.58	18.31	18.6	19.5
1.4		3	3	18.54	18.51	18.43	19.5
1.4		6	0	18.44	18.31	18.52	19.5
1.4	64QAM	1	0	18.5	18.49	18.5	19.5
1.4		1	3	18.54	18.52	18.68	19.5
1.4		1	5	18.63	18.74	18.61	19.5
1.4		3	0	18.58	18.39	18.53	19.5
1.4		3	1	18.48	18.5	18.55	19.5
1.4		3	3	18.38	18.57	18.76	19.5
1.4		6	0	18.53	18.64	18.6	19.5
1.4	256QAM	1	0	18.52	18.57	18.61	19.5
1.4		1	3	18.4	18.77	18.44	19.5
1.4		1	5	18.58	18.62	18.54	19.5
1.4		3	0	18.62	18.68	18.66	19.5
1.4		3	1	18.35	18.63	18.48	19.5
1.4		3	3	18.4	18.48	18.51	19.5
1.4		6	0	18.5	18.5	18.61	19.5

<LTE Band 66_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			132072	132322	132572	
	Frequency (MHz)			1720	1745	1770	
20	QPSK	1	0	19.5	19.62	19.58	20.5
20		1	49	19.43	19.6	19.56	20.5
20		1	99	19.45	19.59	19.52	20.5
20		50	0	19.42	19.46	19.34	20.5
20		50	24	19.36	19.43	19.32	20.5
20		50	50	19.41	19.35	19.29	20.5
20		100	0	19.15	19.33	19.12	20.5
20	16QAM	1	0	19.37	19.3	19.34	20.5
20		1	49	19.37	19.23	19.42	20.5
20		1	99	19.31	19.22	19.3	20.5
20		50	0	19.46	19.39	19.34	20.5
20		50	24	19.36	19.4	19.49	20.5
20		50	50	19.43	19.39	19.46	20.5
20		100	0	19.28	19.45	19.41	20.5
20	64QAM	1	0	19.44	19.39	19.47	20.5
20		1	49	19.44	19.41	19.43	20.5
20		1	99	19.48	19.53	19.41	20.5
20		50	0	19.5	19.53	19.33	20.5
20		50	24	19.43	19.5	19.31	20.5
20		50	50	19.34	19.5	19.53	20.5
20		100	0	19.41	19.54	19.46	20.5
20	256QAM	1	0	19.4	19.58	19.4	20.5
20		1	49	19.33	19.45	19.38	20.5
20		1	99	19.48	19.5	19.46	20.5
20		50	0	19.42	19.57	19.51	20.5
20		50	24	19.36	19.48	19.42	20.5
20		50	50	19.36	19.39	19.44	20.5
20		100	0	19.21	19.54	19.52	20.5
	Channel			132047	132322	132597	Tune-up Limit (dBm)
	Frequency (MHz)			1717.5	1745	1772.5	
15	QPSK	1	0	19.27	19.52	19.45	20.5
15		1	37	19.4	19.3	19.44	20.5
15		1	74	19.47	19.45	19.38	20.5
15		36	0	19.39	19.47	19.24	20.5
15		36	20	19.34	19.31	19.29	20.5
15		36	39	19.36	19.21	19.22	20.5
15		75	0	19.04	19.28	19	20.5
15	16QAM	1	0	19.3	19.2	19.33	20.5
15		1	37	19.32	19.1	19.31	20.5
15		1	74	19.17	19.15	19.21	20.5
15		36	0	19.33	19.25	19.23	20.5
15		36	20	19.23	19.26	19.45	20.5
15		36	39	19.39	19.29	19.37	20.5
15		75	0	19.23	19.41	19.33	20.5
15	64QAM	1	0	19.31	19.3	19.42	20.5
15		1	37	19.39	19.34	19.28	20.5
15		1	74	19.39	19.43	19.32	20.5
15		36	0	19.38	19.46	19.32	20.5
15		36	20	19.38	19.39	19.22	20.5
15		36	39	19.23	19.36	19.45	20.5
15		75	0	19.28	19.52	19.33	20.5
15	256QAM	1	0	19.52	19.52	19.34	20.5
15		1	37	19.29	19.63	19.25	20.5
15		1	74	19.4	19.38	19.39	20.5
15		36	0	19.37	19.52	19.38	20.5
15		36	20	19.26	19.38	19.39	20.5
15		36	39	19.32	19.3	19.29	20.5
15		75	0	19.23	19.46	19.39	20.5
	Channel			132022	132322	132622	Tune-up Limit (dBm)
	Frequency (MHz)			1715	1745	1775	
10	QPSK	1	0	19.49	19.52	19.46	20.5
10		1	25	19.42	19.45	19.54	20.5
10		1	49	19.48	19.5	19.37	20.5
10		25	0	19.34	19.47	19.21	20.5
10		25	12	19.22	19.35	19.23	20.5
10		25	25	19.28	19.22	19.2	20.5
10		50	0	19.03	19.32	19.02	20.5
10	16QAM	1	0	19.23	19.29	19.25	20.5
10		1	25	19.27	19.08	19.35	20.5
10		1	49	19.07	19.21	19.27	20.5
10		25	0	19.31	19.31	19.3	20.5
10		25	12	19.39	19.36	19.46	20.5
10		25	25	19.36	19.35	19.44	20.5
10		50	0	19.22	19.33	19.33	20.5
10	64QAM	1	0	19.32	19.26	19.44	20.5
10		1	25	19.31	19.32	19.39	20.5
10		1	49	19.35	19.45	19.4	20.5
10		25	0	19.39	19.44	19.25	20.5
10		25	12	19.33	19.4	19.32	20.5
10		25	25	19.26	19.41	19.5	20.5
10		50	0	19.37	19.44	19.31	20.5
10	256QAM	1	0	19.34	19.47	19.37	20.5
10		1	25	19.32	19.53	19.25	20.5
10		1	49	19.42	19.47	19.35	20.5
10		25	0	19.38	19.46	19.38	20.5
10		25	12	19.32	19.36	19.4	20.5
10		25	25	19.3	19.36	19.39	20.5
10		50	0	19.25	19.31	19.37	20.5
	Channel			131987	132322	132657	Tune-up Limit (dBm)
	Frequency (MHz)			1712.5	1745	1777.5	
5	QPSK	1	0	19.43	19.52	19.47	20.5
5		1	12	19.41	19.48	19.45	20.5
5		1	24	19.36	19.46	19.43	20.5
5		12	0	19.39	19.39	19.22	20.5
5		12	7	19.31	19.37	19.28	20.5
5		12	13	19.34	19.23	19.26	20.5
5		25	0	19.05	19.31	19.08	20.5
5	16QAM	1	0	19.27	19.18	19.24	20.5
5		1	12	19.27	19.16	19.34	20.5
5		1	24	19.16	19.12	19.28	20.5
5		12	0	19.45	19.35	19.29	20.5
5		12	7	19.34	19.29	19.42	20.5
5		12	13	19.28	19.28	19.38	20.5
5		25	0	19.27	19.33	19.34	20.5
5	64QAM	1	0	19.31	19.33	19.33	20.5
5		1	12	19.3	19.35	19.42	20.5
5		1	24	19.45	19.3	19.39	20.5
5		12	0	19.41	19.41	19.21	20.5
5		12	7	19.39	19.44	19.23	20.5
5		12	13	19.31	19.42	19.48	20.5
5		25	0	19.39	19.47	19.37	20.5
5	256QAM	1	0	19.29	19.52	19.25	20.5
5		1	12	19.31	19.62	19.36	20.5
5		1	24	19.44	19.4	19.38	20.5
5		12	0	19.31	19.46	19.48	20.5
5		12	7	19.21	19.37	19.38	20.5
5		12	13	19.09	19.35	19.38	20.5
5		25	0	19.23	19.42	19.37	20.5
	Channel			131967	132322	132677	Tune-up Limit (dBm)
	Frequency (MHz)			1711.5	1745	1778.5	
3	QPSK	1	0	19.41	19.61	19.53	20.5
3		1	8	19.44	19.52	19.47	20.5
3		1	14	19.35	19.53	19.5	20.5
3		8	0	19.37	19.36	19.25	20.5
3		8	4	19.27	19.41	19.31	20.5
3		8	7	19.27	19.28	19.28	20.5
3		15	0	19.07	19.28	19	20.5
3	16QAM	1	0	19.35	19.21	19.24	20.5
3		1	8	19.09	19.1	19.28	20.5
3		1	14	19.16	19.17	19.16	20.5
3		8	0	19.45	19.36	19.32	20.5
3		8	4	19.35	19.3	19.45	20.5
3		8	7	19.32	19.32	19.44	20.5
3		15	0	19.19	19.34	19.38	20.5
3	64QAM	1	0	19.39	19.35	19.37	20.5
3		1	8	19.38	19.4	19.41	20.5
3		1	14	19.44	19.39	19.39	20.5
3		8	0	19.38	19.5	19.25	20.5
3		8	4	19.31	19.35	19.23	20.5
3		8	7	19.29	19.47	19.31	20.5
3		15	0	19.05	19.41	19.41	20.5
3	256QAM	1	0	19.28	19.56	19.38	20.5
3		1	8	19.29	19.53	19.35	20.5
3		1	14	19.39	19.4	19.42	20.5
3		8	0	19.27	19.51	19.45	20.5
3		8	4	19.29	19.36	19.27	20.5
3		8	7	19.09	19.34	19.32	20.5
3		15	0	19.2	19.44	19.5	20.5
	Channel			131979	132322	132665	Tune-up Limit (dBm)
	Frequency (MHz)			1712.7	1745	1779.3	
1.4	QPSK	1	0	19.38	19.49	19.49	20.5
1.4		1	3	19.44	19.46	19.42	20.5
1.4		1	5	19.48	19.49	19.46	20.5
1.4		3	0	19.34	19.44	19.23	20.5
1.4		3	1	19.35	19.41	19.2	20.5
1.4		3	3	19.09	19.3	19.21	20.5
1.4		6	0	19.12	19.31	19.03	20.5
1.4	16QAM	1	0	19.27	19.23	19.26	20.5
1.4		1	3	19.31	19.1	19.36	20.5
1.4		1	5	19.24	19.13	19.18	20.5
1.4		3	0	19.39	19.3	19.22	20.5
1.4		3	1	19.22	19.3	19.43	20.5
1.4		3	3	19.3	19.35	19.35	20.5
1.4		6	0	19.23	19.43	19.3	20.5
1.4	64QAM	1	0	19.3	19.3	19.46	20.5
1.4		1	3	19.39	19.26	19.31	20.5
1.4		1	5	19.43	19.44	19.3	20.5
1.4		3	0	19.37	19.47	19.2	20.5
1.4		3	1	19.29	19.43	19.25	20.5
1.4		3	3	19.31	19.45	19.42	20.5
1.4		6	0	19.27	19.39	19.41	20.5
1.4	256QAM	1	0	19.26	19.43	19.37	20.5
1.4		1	3	19.32	19.51	19.35	20.5
1.4		1	5	19.43	19.39	19.41	20.5
1.4		3	0	19.34	19.56	19.38	20.5
1.4		3	1	19.31	19.4	19.39	20.5
1.4		3	3	19.33	19.31	19.4	20.5
1.4		6	0	19.17	19.41	19.49	20.5

<LTE Band 38_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.67	18.7	18.61	19.5
20		1	49	18.55	18.63	18.45	19.5
20		1	99	18.57	18.63	18.51	19.5
20		50	0	18.6	18.73	18.57	19.5
20		50	24	18.36	18.5	18.3	19.5
20		50	50	18.37	18.48	18.24	19.5
20		100	0	18.53	18.64	18.47	19.5
20	16QAM	1	0	18.42	18.56	18.38	19.5
20		1	49	18.32	18.46	18.3	19.5
20		1	99	18.31	18.48	18.27	19.5
20		50	0	18.44	18.57	18.34	19.5
20		50	24	18.47	18.52	18.3	19.5
20		50	50	18.3	18.46	18.23	19.5
20		100	0	18.55	18.67	18.48	19.5
20	64QAM	1	0	18.39	18.5	18.35	19.5
20		1	49	18.37	18.54	18.39	19.5
20		1	99	18.5	18.61	18.44	19.5
20		50	0	18.55	18.62	18.39	19.5
20		50	24	18.45	18.57	18.33	19.5
20		50	50	18.47	18.61	18.48	19.5
20		100	0	18.6	18.65	18.53	19.5
20	256QAM	1	0	18.53	18.65	18.54	19.5
20		1	49	18.72	18.76	18.53	19.5
20		1	99	18.51	18.55	18.35	19.5
20		50	0	18.54	18.61	18.48	19.5
20		50	24	18.47	18.59	18.37	19.5
20		50	50	18.45	18.63	18.47	19.5
20		100	0	18.42	18.55	18.39	19.5
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.52	18.63	18.51	19.5
15		1	37	18.53	18.52	18.37	19.5
15		1	74	18.54	18.56	18.5	19.5
15		36	0	18.57	18.63	18.46	19.5
15		36	20	18.27	18.49	18.24	19.5
15		36	39	18.35	18.35	18.23	19.5
15		75	0	18.46	18.57	18.33	19.5
15	16QAM	1	0	18.39	18.43	18.34	19.5
15		1	37	18.21	18.41	18.29	19.5
15		1	74	18.27	18.43	18.24	19.5
15		36	0	18.32	18.48	18.31	19.5
15		36	20	18.46	18.5	18.28	19.5
15		36	39	18.26	18.4	18.16	19.5
15		75	0	18.49	18.56	18.45	19.5
15	64QAM	1	0	18.36	18.43	18.2	19.5
15		1	37	18.28	18.42	18.31	19.5
15		1	74	18.47	18.53	18.3	19.5
15		36	0	18.46	18.6	18.3	19.5
15		36	20	18.33	18.44	18.29	19.5
15		36	39	18.34	18.55	18.39	19.5
15		75	0	18.53	18.5	18.5	19.5
15	256QAM	1	0	18.42	18.59	18.4	19.5
15		1	37	18.67	18.75	18.45	19.5
15		1	74	18.41	18.49	18.22	19.5
15		36	0	18.42	18.5	18.41	19.5
15		36	20	18.37	18.47	18.32	19.5
15		36	39	18.32	18.55	18.39	19.5
15		75	0	18.3	18.43	18.26	19.5
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.56	18.65	18.59	19.5
10		1	25	18.51	18.6	18.39	19.5
10		1	49	18.49	18.6	18.48	19.5
10		25	0	18.53	18.67	18.49	19.5
10		25	12	18.23	18.38	18.16	19.5
10		25	25	18.32	18.34	18.09	19.5
10		50	0	18.41	18.61	18.41	19.5
10	16QAM	1	0	18.32	18.52	18.25	19.5
10		1	25	18.19	18.38	18.26	19.5
10		1	49	18.17	18.35	18.26	19.5
10		25	0	18.4	18.52	18.33	19.5
10		25	12	18.34	18.41	18.27	19.5
10		25	25	18.26	18.37	18.11	19.5
10		50	0	18.44	18.6	18.37	19.5
10	64QAM	1	0	18.37	18.36	18.2	19.5
10		1	25	18.26	18.52	18.34	19.5
10		1	49	18.45	18.59	18.32	19.5
10		25	0	18.5	18.48	18.31	19.5
10		25	12	18.35	18.5	18.27	19.5
10		25	25	18.33	18.53	18.34	19.5
10		50	0	18.56	18.51	18.48	19.5
10	256QAM	1	0	18.44	18.63	18.49	19.5
10		1	25	18.67	18.65	18.52	19.5
10		1	49	18.37	18.51	18.24	19.5
10		25	0	18.46	18.52	18.39	19.5
10		25	12	18.33	18.45	18.23	19.5
10		25	25	18.37	18.58	18.45	19.5
10		50	0	18.35	18.5	18.29	19.5
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.61	18.56	18.56	19.5
5		1	12	18.52	18.56	18.37	19.5
5		1	24	18.54	18.58	18.4	19.5
5		12	0	18.5	18.7	18.48	19.5
5		12	7	18.27	18.46	18.25	19.5
5		12	13	18.25	18.45	18.1	19.5
5		25	0	18.43	18.52	18.39	19.5
5	16QAM	1	0	18.31	18.43	18.36	19.5
5		1	12	18.18	18.45	18.15	19.5
5		1	24	18.17	18.37	18.13	19.5
5		12	0	18.29	18.54	18.22	19.5
5		12	7	18.45	18.39	18.23	19.5
5		12	13	18.27	18.4	18.16	19.5
5		25	0	18.51	18.54	18.46	19.5
5	64QAM	1	0	18.37	18.47	18.21	19.5
5		1	12	18.36	18.52	18.35	19.5
5		1	24	18.41	18.53	18.32	19.5
5		12	0	18.41	18.55	18.25	19.5
5		12	7	18.35	18.52	18.2	19.5
5		12	13	18.42	18.54	18.38	19.5
5		25	0	18.59	18.63	18.45	19.5
5	256QAM	1	0	18.52	18.64	18.47	19.5
5		1	12	18.57	18.7	18.45	19.5
5		1	24	18.38	18.53	18.27	19.5
5		12	0	18.5	18.49	18.35	19.5
5		12	7	18.42	18.44	18.35	19.5
5		12	13	18.38	18.58	18.44	19.5
5		25	0	18.36	18.43	18.38	19.5

<LTE Band 41_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.2	19.22	19.26	19.11	19.09	19.7
20		1	49	19.1	19.15	19.25	19.06	18.99	19.7
20		1	99	18.97	19.07	19.11	18.93	18.88	19.7
20		50	0	19.13	19.15	19.27	19.04	19.11	19.7
20		50	24	19.01	19.02	19.1	18.83	18.82	19.7
20		50	50	18.97	18.9	19.05	18.85	18.81	19.7
20		100	0	19.1	19.02	19.19	18.93	18.91	19.7
20	16QAM	1	0	18.95	18.94	19.08	18.89	18.79	19.7
20		1	49	18.85	18.91	18.95	18.7	18.75	19.7
20		1	99	18.82	18.78	18.9	18.76	18.74	19.7
20		50	0	18.88	18.99	19.05	18.79	18.82	19.7
20		50	24	18.88	19.04	19.07	18.8	18.79	19.7
20		50	50	18.98	19.04	19.08	18.83	18.88	19.7
20		100	0	18.97	18.95	19.12	18.88	18.86	19.7
20	64QAM	1	0	19.03	19.04	19.11	18.87	18.88	19.7
20		1	49	18.92	19.03	19.09	18.93	18.81	19.7
20		1	99	19.08	19.01	19.15	19	18.95	19.7
20		50	0	19.03	18.95	19.09	18.82	18.86	19.7
20		50	24	19.08	19	19.14	18.87	18.89	19.7
20		50	50	19	19.09	19.13	18.94	18.85	19.7
20		100	0	18.99	18.97	19.07	18.89	18.94	19.7
20	256QAM	1	0	19.07	19.02	19.16	19.02	18.93	19.7
20		1	49	19.19	19.13	19.27	19.03	19.1	19.7
20		1	99	19.01	18.97	19.12	18.89	18.95	19.7
20		50	0	18.98	19	19.13	18.87	18.86	19.7
20		50	24	19.01	19.04	19.11	18.9	18.83	19.7
20		50	50	19.02	19.04	19.09	18.86	18.92	19.7
20		100	0	18.99	18.98	19.09	18.92	18.88	19.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.12	19.08	19.18	19.03	19.01	19.7
15		1	37	19.05	19.11	19.13	19.02	18.94	19.7
15		1	74	18.85	19.03	18.98	18.78	18.8	19.7
15		36	0	19.03	19.11	19.16	18.96	19.09	19.7
15		36	20	18.97	19.01	18.98	18.79	18.79	19.7
15		36	39	18.86	18.86	18.91	18.77	18.76	19.7
15		75	0	19.05	18.89	19.07	18.81	18.82	19.7
15	16QAM	1	0	18.87	18.91	19.01	18.8	18.72	19.7
15		1	37	18.7	18.88	18.88	18.59	18.69	19.7
15		1	74	18.81	18.75	18.79	18.62	18.62	19.7
15		36	0	18.74	18.86	19.03	18.76	18.79	19.7
15		36	20	18.76	18.93	18.98	18.75	18.72	19.7
15		36	39	18.95	18.96	19.01	18.81	18.73	19.7
15		75	0	18.87	18.9	19.01	18.82	18.84	19.7
15	64QAM	1	0	18.96	18.91	19.05	18.83	18.8	19.7
15		1	37	18.84	18.88	19.04	18.83	18.76	19.7
15		1	74	19.06	18.99	19.09	18.93	18.89	19.7
15		36	0	18.95	18.91	19.07	18.71	18.8	19.7
15		36	20	19.02	18.97	19.04	18.74	18.79	19.7
15		36	39	18.94	18.99	19.01	18.88	18.77	19.7
15		75	0	18.9	18.96	19.02	18.87	18.71	19.7
15	256QAM	1	0	19.05	19.01	19.01	18.87	18.87	19.7
15		1	37	19.13	19.04	19.13	19	19.08	19.7
15		1	74	18.92	18.86	18.97	18.77	18.89	19.7
15		36	0	18.96	18.86	19.05	18.76	18.75	19.7
15		36	20	18.94	18.99	19.03	18.77	18.7	19.7
15		36	39	19.01	18.97	19.06	18.77	18.91	19.7
15		75	0	18.95	18.84	19.02	18.77	18.73	19.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.05	19.15	19.2	19.02	19.05	19.7
10		1	25	19.06	19.02	19.2	19.03	18.95	19.7
10		1	49	18.91	18.95	19.05	18.83	18.8	19.7
10		25	0	19.1	19.01	19.19	18.94	19.02	19.7
10		25	12	18.95	18.97	19.08	18.82	18.71	19.7
10		25	25	18.9	18.79	19.04	18.7	18.69	19.7
10		50	0	19.03	18.93	19.07	18.89	18.84	19.7
10	16QAM	1	0	18.94	18.84	19.07	18.83	18.76	19.7
10		1	25	18.81	18.89	18.93	18.66	18.69	19.7
10		1	49	18.78	18.7	18.87	18.7	18.65	19.7
10		25	0	18.76	18.97	19.01	18.77	18.69	19.7
10		25	12	18.78	18.92	18.98	18.74	18.7	19.7
10		25	25	18.84	19	19.01	18.78	18.78	19.7
10		50	0	18.94	18.83	19.01	18.84	18.73	19.7
10	64QAM	1	0	18.92	19.01	19.05	18.73	18.8	19.7
10		1	25	18.9	18.89	18.94	18.78	18.76	19.7
10		1	49	19	18.87	19.07	18.86	18.9	19.7
10		25	0	18.93	18.88	19.04	18.7	18.83	19.7
10		25	12	18.97	18.88	19.03	18.84	18.88	19.7
10		25	25	18.92	18.99	19.09	18.91	18.8	19.7
10		50	0	18.88	18.86	18.99	18.8	18.81	19.7
10	256QAM	1	0	19.06	18.91	19.14	18.95	18.86	19.7
10		1	25	19.05	19.05	19.25	18.91	19.01	19.7
10		1	49	18.9	18.83	19.01	18.8	18.81	19.7
10		25	0	18.84	18.95	19.08	18.75	18.79	19.7
10		25	12	18.93	18.9	18.97	18.78	18.8	19.7
10		25	25	18.95	18.96	18.98	18.74	18.84	19.7
10		50	0	18.88	18.97	19.08	18.78	18.79	19.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.15	19.13	19.12	18.97	19.05	19.7
5		1	12	19.02	19.01	19.24	18.95	18.85	19.7
5		1	24	18.9	18.97	19.04	18.82	18.83	19.7
5		12	0	19.03	19.09	19.19	19.02	19.04	19.7
5		12	7	18.95	18.89	19.03	18.8	18.69	19.7
5		12	13	18.93	18.88	19.01	18.78	18.68	19.7
5		25	0	19.08	18.96	19.16	18.89	18.8	19.7
5	16QAM	1	0	18.81	18.91	19.03	18.77	18.68	19.7
5		1	12	18.82	18.82	18.91	18.59	18.67	19.7
5		1	24	18.78	18.75	18.86	18.72	18.73	19.7
5		12	0	18.86	18.96	18.97	18.77	18.71	19.7
5		12	7	18.86	18.99	19.05	18.73	18.74	19.7
5		12	13	18.88	18.93	19.05	18.71	18.86	19.7
5		25	0	18.93	18.89	19.09	18.85	18.77	19.7
5	64QAM	1	0	19	18.94	19.06	18.75	18.83	19.7
5		1	12	18.88	18.93	19.06	18.88	18.71	19.7
5		1	24	19.05	18.86	19.12	18.9	18.92	19.7
5		12	0	18.89	18.85	19.03	18.67	18.76	19.7
5		12	7	19.01	18.95	19.12	18.73	18.79	19.7
5		12	13	18.96	19.06	19.04	18.88	18.74	19.7
5		25	0	18.96	18.93	18.94	18.79	18.77	19.7
5	256QAM	1	0	18.96	18.9	19.06	18.94	18.86	19.7
5		1	12	19.07	19.11	19.21	18.96	19	19.7
5		1	24	18.99	18.85	19.06	18.84	18.84	19.7
5		12	0	18.88	18.88	19.03	18.73	18.79	19.7
5		12	7	18.96	18.96	18.97	18.89	18.81	19.7
5		12	13	18.91	19.03	19.04	18.72	18.79	19.7
5		25	0	18.96	18.92	18.98	18.79	18.73	19.7

<LTE Band 42 (27Q)_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42100	42590	43080	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.5	20.55	20.48	21.2
20		1	49	20.27	20.4	20.3	21.2
20		1	99	20.26	20.39	20.21	21.2
20		50	0	20.36	20.5	20.32	21.2
20		50	24	20.15	20.32	20.11	21.2
20		50	50	20.27	20.35	20.2	21.2
20		100	0	20.31	20.37	20.19	21.2
20	16QAM	1	0	20.18	20.33	20.2	21.2
20		1	49	20.09	20.25	20.12	21.2
20		1	99	20.08	20.23	20.11	21.2
20		50	0	20.09	20.2	20.08	21.2
20		50	24	20.2	20.35	20.2	21.2
20		50	50	20.14	20.23	20.08	21.2
20		100	0	20.27	20.4	20.26	21.2
20	64QAM	1	0	20.12	20.26	20.06	21.2
20		1	49	20.24	20.32	20.22	21.2
20		1	99	20.22	20.36	20.19	21.2
20		50	0	20.3	20.37	20.2	21.2
20		50	24	20.18	20.38	20.22	21.2
20		50	50	20.37	20.45	20.34	21.2
20		100	0	20.2	20.29	20.12	21.2
20	256QAM	1	0	19.87	19.97	19.86	20.7
20		1	49	19.83	19.95	19.84	20.7
20		1	99	19.61	19.7	19.57	20.7
20		50	0	19.82	19.92	19.77	20.7
20		50	24	19.89	19.95	19.85	20.7
20		50	50	19.81	19.93	19.86	20.7
20		100	0	19.78	19.92	19.87	20.7
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.43	20.45	20.36	21.2
15		1	37	20.17	20.33	20.16	21.2
15		1	74	20.14	20.26	20.15	21.2
15		36	0	20.31	20.36	20.3	21.2
15		36	20	20.02	20.24	19.97	21.2
15		36	39	20.16	20.2	20.13	21.2
15		75	0	20.22	20.24	20.16	21.2
15	16QAM	1	0	20.1	20.25	20.18	21.2
15		1	37	20.06	20.18	20	21.2
15		1	74	20.05	20.18	20.02	21.2
15		36	0	20	20.17	20.04	21.2
15		36	20	20.1	20.21	20.17	21.2
15		36	39	20.07	20.08	19.97	21.2
15		75	0	20.24	20.36	20.25	21.2
15	64QAM	1	0	20.07	20.18	19.99	21.2
15		1	37	20.14	20.28	20.19	21.2
15		1	74	20.09	20.28	20.11	21.2
15		36	0	20.2	20.31	20.14	21.2
15		36	20	20.13	20.36	20.09	21.2
15		36	39	20.34	20.34	20.26	21.2
15		75	0	20.08	20.21	19.98	21.2
15	256QAM	1	0	19.85	19.87	19.75	20.7
15		1	37	19.69	19.89	19.72	20.7
15		1	74	19.49	19.56	19.5	20.7
15		36	0	19.68	19.86	19.63	20.7
15		36	20	19.74	19.84	19.75	20.7
15		36	39	19.8	19.89	19.71	20.7
15		75	0	19.65	19.84	19.81	20.7
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.44	20.47	20.42	21.2
10		1	25	20.26	20.38	20.24	21.2
10		1	49	20.24	20.36	20.1	21.2
10		25	0	20.31	20.43	20.31	21.2
10		25	12	20.02	20.24	20.02	21.2
10		25	25	20.24	20.3	20.14	21.2
10		50	0	20.24	20.34	20.09	21.2
10	16QAM	1	0	20.15	20.28	20.08	21.2
10		1	25	19.97	20.13	20.08	21.2
10		1	49	19.93	20.1	20.02	21.2
10		25	0	20.05	20.06	20.01	21.2
10		25	12	20.06	20.24	20.16	21.2
10		25	25	20.02	20.08	19.96	21.2
10		50	0	20.25	20.36	20.16	21.2
10	64QAM	1	0	20.07	20.2	19.91	21.2
10		1	25	20.1	20.24	20.1	21.2
10		1	49	20.16	20.34	20.14	21.2
10		25	0	20.21	20.32	20.12	21.2
10		25	12	20.17	20.24	20.16	21.2
10		25	25	20.27	20.33	20.32	21.2
10		50	0	20.09	20.19	20.1	21.2
10	256QAM	1	0	19.8	19.94	19.73	20.7
10		1	25	19.8	19.9	19.75	20.7
10		1	49	19.57	19.69	19.49	20.7
10		25	0	19.8	19.89	19.62	20.7
10		25	12	19.78	19.87	19.82	20.7
10		25	25	19.79	19.81	19.8	20.7
10		50	0	19.76	19.8	19.75	20.7
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.42	20.4	20.34	21.2
5		1	12	20.22	20.38	20.23	21.2
5		1	24	20.13	20.29	20.11	21.2
5		12	0	20.3	20.47	20.26	21.2
5		12	7	20.09	20.18	20.05	21.2
5		12	13	20.14	20.28	20.13	21.2
5		25	0	20.24	20.31	20.17	21.2
5	16QAM	1	0	20.15	20.23	20.07	21.2
5		1	12	19.97	20.22	20.07	21.2
5		1	24	20.07	20.09	20.02	21.2
5		12	0	19.99	20.12	19.97	21.2
5		12	7	20.15	20.25	20.19	21.2
5		12	13	20.11	20.17	20	21.2
5		25	0	20.15	20.29	20.12	21.2
5	64QAM	1	0	19.99	20.25	19.92	21.2
5		1	12	20.13	20.22	20.18	21.2
5		1	24	20.12	20.35	20.09	21.2
5		12	0	20.28	20.35	20.1	21.2
5		12	7	20.1	20.29	20.13	21.2
5		12	13	20.29	20.43	20.26	21.2
5		25	0	20.17	20.2	20.03	21.2
5	256QAM	1	0	19.79	19.91	19.72	20.7
5		1	12	19.72	19.92	19.72	20.7
5		1	24	19.52	19.63	19.55	20.7
5		12	0	19.73	19.87	19.74	20.7
5		12	7	19.84	19.92	19.74	20.7
5		12	13	19.76	19.79	19.72	20.7
5		25	0	19.75	19.78	19.73	20.7

<LTE Band 48_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.21	20.24	20.26	20.15	20.13	21.1
20		1	49	19.98	20.08	20.12	19.89	19.91	21.1
20		1	99	19.92	20.03	20.08	19.95	19.89	21.1
20		50	0	19.98	20.02	20.16	20.02	20.02	21.1
20		50	24	19.9	19.87	20.01	19.89	19.75	21.1
20		50	50	19.77	19.92	19.96	19.77	19.73	21.1
20		100	0	19.97	20.01	20.08	19.91	19.83	21.1
20	16QAM	1	0	19.91	19.85	19.99	19.86	19.73	21.1
20		1	49	19.68	19.81	19.85	19.61	19.65	21.1
20		1	99	19.76	19.76	19.88	19.74	19.61	21.1
20		50	0	19.86	19.89	19.99	19.82	19.81	21.1
20		50	24	19.91	19.86	20.02	19.83	19.84	21.1
20		50	50	19.92	19.92	20.04	19.92	19.86	21.1
20		100	0	20.09	20.14	20.19	19.96	20.03	21.1
20	64QAM	1	0	19.88	19.87	20.01	19.79	19.84	21.1
20		1	49	19.81	19.79	19.95	19.7	19.78	21.1
20		1	99	20.12	20.16	20.21	20.04	20.06	21.1
20		50	0	19.98	20.03	20.15	19.91	20.01	21.1
20		50	24	19.87	19.9	19.97	19.84	19.77	21.1
20		50	50	20	20.05	20.09	19.91	19.89	21.1
20		100	0	19.96	20	20.09	19.95	19.94	21.1
20	256QAM	1	0	18.11	18.25	18.38	18.17	18.1	19.6
20		1	49	18.22	18.16	18.4	18.22	18.05	19.6
20		1	99	17.98	18.05	18.21	18.04	17.91	19.6
20		50	0	18.29	18.25	18.49	18.29	18.22	19.6
20		50	24	18.28	18.42	18.57	18.46	18.23	19.6
20		50	50	18.11	18.24	18.41	18.26	18.08	19.6
20		100	0	18.24	18.27	18.48	18.36	18.22	19.6
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.07	20.21	20.16	20.02	20.1	21.1
15		1	37	19.89	20.05	19.98	19.86	19.85	21.1
15		1	74	19.87	20	20.07	19.81	19.86	21.1
15		36	0	19.91	19.92	20.04	19.9	19.91	21.1
15		36	20	19.82	19.8	19.91	19.77	19.63	21.1
15		36	39	19.66	19.87	19.88	19.67	19.63	21.1
15		75	0	19.82	19.88	19.99	19.85	19.77	21.1
15	16QAM	1	0	19.79	19.78	19.85	19.82	19.62	21.1
15		1	37	19.63	19.78	19.73	19.57	19.56	21.1
15		1	74	19.73	19.67	19.78	19.62	19.5	21.1
15		36	0	19.84	19.76	19.86	19.76	19.76	21.1
15		36	20	19.82	19.72	19.92	19.71	19.7	21.1
15		36	39	19.81	19.83	19.93	19.78	19.81	21.1
15		75	0	20.06	20.12	20.12	19.86	19.96	21.1
15	64QAM	1	0	19.77	19.72	19.89	19.68	19.83	21.1
15		1	37	19.71	19.68	19.84	19.64	19.74	21.1
15		1	74	20.11	20.08	20.19	19.96	20.03	21.1
15		36	0	19.92	20.02	20.02	19.78	19.98	21.1
15		36	20	19.8	19.88	19.96	19.74	19.7	21.1
15		36	39	19.87	19.98	19.98	19.78	19.78	21.1
15		75	0	19.84	19.9	19.95	19.93	19.82	21.1
15	256QAM	1	0	18	18.15	18.37	18.11	17.99	19.6
15		1	37	18.12	18.12	18.25	18.18	17.91	19.6
15		1	74	17.88	18.03	18.09	17.89	17.81	19.6
15		36	0	18.16	18.14	18.45	18.22	18.15	19.6
15		36	20	18.16	18.29	18.54	18.33	18.19	19.6
15		36	39	17.98	18.16	18.36	18.19	17.98	19.6
15		75	0	18.17	18.24	18.42	18.31	18.17	19.6
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.2	20.12	20.14	20.12	20.08	21.1
10		1	25	19.86	20.03	20.05	19.81	19.89	21.1
10		1	49	19.9	19.89	19.97	19.81	19.87	21.1
10		25	0	19.88	20	20.05	20.01	19.97	21.1
10		25	12	19.86	19.84	19.92	19.84	19.73	21.1
10		25	25	19.69	19.85	19.83	19.72	19.71	21.1
10		50	0	19.89	19.89	19.97	19.8	19.7	21.1
10	16QAM	1	0	19.89	19.82	19.92	19.76	19.69	21.1
10		1	25	19.58	19.79	19.7	19.58	19.51	21.1
10		1	49	19.66	19.63	19.76	19.72	19.51	21.1
10		25	0	19.83	19.84	19.92	19.74	19.74	21.1
10		25	12	19.77	19.75	19.96	19.75	19.74	21.1
10		25	25	19.9	19.89	19.93	19.82	19.72	21.1
10		50	0	19.94	20.02	20.1	19.86	19.93	21.1
10	64QAM	1	0	19.85	19.82	19.87	19.73	19.82	21.1
10		1	25	19.69	19.72	19.8	19.67	19.75	21.1
10		1	49	20.09	20.02	20.14	20	20	21.1
10		25	0	19.97	19.93	20.07	19.8	19.98	21.1
10		25	12	19.81	19.79	19.87	19.78	19.76	21.1
10		25	25	19.89	19.98	20.08	19.85	19.83	21.1
10		50	0	19.85	19.87	19.97	19.82	19.83	21.1
10	256QAM	1	0	18.07	18.11	18.35	18.06	18.01	19.6
10		1	25	18.11	18.03	18.28	18.09	17.94	19.6
10		1	49	17.89	17.99	18.19	18	17.76	19.6
10		25	0	18.23	18.21	18.42	18.24	18.08	19.6
10		25	12	18.17	18.33	18.45	18.32	18.15	19.6
10		25	25	18	18.16	18.33	18.19	17.94	19.6
10		50	0	18.21	18.14	18.33	18.21	18.12	19.6
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.09	20.15	20.24	20.02	20.03	21.1
5		1	12	19.96	20	20.1	19.87	19.79	21.1
5		1	24	19.83	19.97	19.96	19.89	19.77	21.1
5		12	0	19.95	19.9	20.07	19.95	20	21.1
5		12	7	19.88	19.8	19.99	19.79	19.7	21.1
5		12	13	19.66	19.82	19.95	19.66	19.63	21.1
5		25	0	19.91	19.92	19.98	19.87	19.8	21.1
5	16QAM	1	0	19.78	19.76	19.86	19.84	19.58	21.1
5		1	12	19.65	19.7	19.75	19.51	19.52	21.1
5		1	24	19.66	19.66	19.75	19.63	19.47	21.1
5		12	0	19.8	19.83	19.94	19.73	19.8	21.1
5		12	7	19.89	19.74	19.96	19.77	19.72	21.1
5		12	13	19.82	19.91	19.93	19.8	19.84	21.1
5		25	0	19.99	20.08	20.07	19.87	20	21.1
5	64QAM	1	0	19.81	19.86	19.98	19.73	19.8	21.1
5		1	12	19.78	19.76	19.86	19.61	19.64	21.1
5		1	24	20.02	20.06	20.14	20.01	20.03	21.1
5		12	0	19.85	20.02	20.06	19.89	19.92	21.1
5		12	7	19.81	19.79	19.83	19.75	19.62	21.1
5		12	13	19.93	19.94	19.96	19.88	19.77	21.1
5		25	0	19.94	19.9	20.06	19.81	19.92	21.1
5	256QAM	1	0	18.01	18.19	18.31	18.02	18.08	19.6
5		1	12	18.14	18.15	18.3	18.16	17.99	19.6
5		1	24	17.91	17.95	18.15	17.94	17.81	19.6
5		12	0	18.21	18.1	18.38	18.25	18.16	19.6
5		12	7	18.22	18.34	18.49	18.37	18.13	19.6
5		12	13	18.01	18.18	18.32	18.18	17.97	19.6
5		25	0	18.2	18.14	18.43	18.24	18.13	19.6

<LTE Band 4_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.5	18.56	18.53	19.7
20		1	49	18.52	18.52	18.42	19.7
20		1	99	18.48	18.41	18.45	19.7
20		50	0	18.26	18.46	18.41	19.7
20		50	24	18.31	18.41	18.27	19.7
20		50	50	18.3	18.39	18.3	19.7
20		100	0	18.16	18.29	18.22	19.7
20	16QAM	1	0	18.33	18.25	18.3	19.7
20		1	49	18.31	18.19	18.4	19.7
20		1	99	18.21	18.17	18.36	19.7
20		50	0	18.35	18.28	18.29	19.7
20		50	24	18.36	18.33	18.52	19.7
20		50	50	18.48	18.33	18.32	19.7
20		100	0	18.3	18.48	18.47	19.7
20	64QAM	1	0	18.3	18.39	18.42	19.7
20		1	49	18.28	18.41	18.49	19.7
20		1	99	18.35	18.47	18.45	19.7
20		50	0	18.43	18.48	18.4	19.7
20		50	24	18.35	18.32	18.38	19.7
20		50	50	18.28	18.51	18.5	19.7
20		100	0	18.41	18.41	18.42	19.7
20	256QAM	1	0	18.35	18.5	18.32	19.7
20		1	49	18.18	18.47	18.37	19.7
20		1	99	18.39	18.41	18.36	19.7
20		50	0	18.33	18.47	18.4	19.7
20		50	24	18.22	18.36	18.41	19.7
20		50	50	18.41	18.42	18.46	19.7
20		100	0	18.26	18.4	18.34	19.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.4	18.46	18.45	19.7
15		1	37	18.42	18.38	18.31	19.7
15		1	74	18.42	18.27	18.44	19.7
15		36	0	18.18	18.39	18.34	19.7
15		36	20	18.29	18.38	18.21	19.7
15		36	39	18.19	18.37	18.23	19.7
15		75	0	18.09	18.14	18.09	19.7
15	16QAM	1	0	18.19	18.16	18.19	19.7
15		1	37	18.2	18.16	18.27	19.7
15		1	74	18.12	18.05	18.15	19.7
15		36	0	18.3	18.22	18.23	19.7
15		36	20	18.32	18.23	18.44	19.7
15		36	39	18.38	18.24	18.18	19.7
15		75	0	18.24	18.37	18.38	19.7
15	64QAM	1	0	18.27	18.34	18.3	19.7
15		1	37	18.23	18.32	18.36	19.7
15		1	74	18.27	18.33	18.33	19.7
15		36	0	18.3	18.43	18.27	19.7
15		36	20	18.2	18.2	18.25	19.7
15		36	39	18.18	18.42	18.43	19.7
15		75	0	18.34	18.26	18.3	19.7
15	256QAM	1	0	18.23	18.4	18.18	19.7
15		1	37	18.16	18.44	18.34	19.7
15		1	74	18.36	18.27	18.29	19.7
15		36	0	18.25	18.34	18.28	19.7
15		36	20	18.18	18.29	18.3	19.7
15		36	39	18.37	18.38	18.39	19.7
15		75	0	18.2	18.35	18.21	19.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.42	18.39	18.5	19.7
10		1	25	18.45	18.46	18.39	19.7
10		1	49	18.4	18.28	18.33	19.7
10		25	0	18.27	18.41	18.39	19.7
10		25	12	18.27	18.29	18.22	19.7
10		25	25	18.24	18.35	18.23	19.7
10		50	0	18.06	18.15	18.09	19.7
10	16QAM	1	0	18.28	18.11	18.28	19.7
10		1	25	18.05	18.08	18.34	19.7
10		1	49	18.19	18.16	18.2	19.7
10		25	0	18.23	18.14	18.21	19.7
10		25	12	18.26	18.2	18.4	19.7
10		25	25	18.39	18.25	18.29	19.7
10		50	0	18.27	18.43	18.37	19.7
10	64QAM	1	0	18.2	18.37	18.37	19.7
10		1	25	18.16	18.33	18.43	19.7
10		1	49	18.24	18.34	18.32	19.7
10		25	0	18.3	18.34	18.34	19.7
10		25	12	18.28	18.27	18.34	19.7
10		25	25	18.2	18.41	18.4	19.7
10		50	0	18.36	18.37	18.31	19.7
10	256QAM	1	0	18.24	18.36	18.28	19.7
10		1	25	18.06	18.45	18.35	19.7
10		1	49	18.36	18.39	18.25	19.7
10		25	0	18.16	18.39	18.35	19.7
10		25	12	18.16	18.32	18.28	19.7
10		25	25	18.31	18.39	18.35	19.7
10		50	0	18.23	18.37	18.2	19.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.41	18.5	18.38	19.7
5		1	12	18.48	18.44	18.37	19.7
5		1	24	18.36	18.32	18.34	19.7
5		12	0	18.21	18.45	18.39	19.7
5		12	7	18.27	18.35	18.24	19.7
5		12	13	18.18	18.35	18.21	19.7
5		25	0	18.06	18.15	18.15	19.7
5	16QAM	1	0	18.24	18.13	18.19	19.7
5		1	12	18.19	18.14	18.27	19.7
5		1	24	18.1	18.04	18.22	19.7
5		12	0	18.33	18.26	18.17	19.7
5		12	7	18.22	18.24	18.41	19.7
5		12	13	18.48	18.25	18.31	19.7
5		25	0	18.15	18.43	18.36	19.7
5	64QAM	1	0	18.24	18.29	18.33	19.7
5		1	12	18.13	18.33	18.43	19.7
5		1	24	18.31	18.38	18.41	19.7
5		12	0	18.39	18.34	18.27	19.7
5		12	7	18.3	18.17	18.23	19.7
5		12	13	18.25	18.41	18.4	19.7
5		25	0	18.35	18.27	18.35	19.7
5	256QAM	1	0	18.32	18.45	18.24	19.7
5		1	12	18.07	18.38	18.5	19.7
5		1	24	18.29	18.29	18.3	19.7
5		12	0	18.24	18.35	18.33	19.7
5		12	7	18.1	18.35	18.35	19.7
5		12	13	18.27	18.33	18.39	19.7
5		25	0	18.17	18.27	18.32	19.7
Channel				19950	20175	20400	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.49	18.48	18.45	19.7
3		1	8	18.47	18.46	18.39	19.7
3		1	14	18.39	18.37	18.39	19.7
3		8	0	18.27	18.38	18.39	19.7
3		8	4	18.2	18.32	18.23	19.7
3		8	7	18.16	18.32	18.26	19.7
3		15	0	18.14	18.23	18.15	19.7
3	16QAM	1	0	18.22	18.15	18.28	19.7
3		1	8	18.27	18.09	18.35	19.7
3		1	14	18.17	18.04	18.14	19.7
3		8	0	18.24	18.26	18.17	19.7
3		8	4	18.34	18.22	18.48	19.7
3		8	7	18.42	18.31	18.3	19.7
3		15	0	18.17	18.41	18.36	19.7
3	64QAM	1	0	18.27	18.31	18.33	19.7
3		1	8	18.22	18.3	18.45	19.7
3		1	14	18.22	18.42	18.34	19.7
3		8	0	18.3	18.4	18.37	19.7
3		8	4	18.23	18.26	18.34	19.7
3		8	7	18.21	18.42	18.42	19.7
3		15	0	18.39	18.29	18.31	19.7
3	256QAM	1	0	18.27	18.4	18.2	19.7
3		1	8	18.14	18.46	18.3	19.7
3		1	14	18.27	18.33	18.32	19.7
3		8	0	18.23	18.37	18.28	19.7
3		8	4	18.2	18.29	18.38	19.7
3		8	7	18.32	18.34	18.43	19.7
3		15	0	18.21	18.27	18.3	19.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.44	18.49	18.46	19.7
1.4		1	3	18.48	18.42	18.3	19.7
1.4		1	5	18.38	18.29	18.33	19.7
1.4		3	0	18.28	18.38	18.38	19.7
1.4		3	1	18.28	18.38	18.14	19.7
1.4		3	3	18.21	18.29	18.24	19.7
1.4		6	0	18.06	18.15	18.13	19.7
1.4	16QAM	1	0	18.25	18.23	18.17	19.7
1.4		1	3	18.23	18.12	18.27	19.7
1.4		1	5	18.13	18.09	18.15	19.7
1.4		3	0	18.28	18.26	18.15	19.7
1.4		3	1	18.28	18.21	18.41	19.7
1.4		3	3	18.48	18.26	18.29	19.7
1.4		6	0	18.17	18.41	18.46	19.7
1.4	64QAM	1	0	18.28	18.31	18.32	19.7
1.4		1	3	18.15	18.32	18.35	19.7
1.4		1	5	18.31	18.45	18.37	19.7
1.4		3	0	18.34	18.44	18.26	19.7
1.4		3	1	18.33	18.3	18.34	19.7
1.4		3	3	18.23	18.42	18.37	19.7
1.4		6	0	18.39	18.29	18.37	19.7
1.4	256QAM	1	0	18.32	18.47	18.19	19.7
1.4		1	3	18.05	18.43	18.29	19.7
1.4		1	5	18.32	18.39	18.27	19.7
1.4		3	0	18.15	18.46	18.34	19.7
1.4		3	1	18.09	18.35	18.27	19.7
1.4		3	3	18.39	18.34	18.39	19.7
1.4		6	0	18.16	18.35	18.22	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.28	19.49	19.44	20.7
20		1	49	19.21	19.46	19.34	20.7
20		1	99	19.23	19.36	19.4	20.7
20		50	0	19.26	19.39	19.3	20.7
20		50	24	19.11	19.22	19.19	20.7
20		50	50	19.16	19.29	19.24	20.7
20		100	0	19.14	19.23	19.05	20.7
20	16QAM	1	0	19.19	19.24	19.35	20.7
20		1	49	19.26	19.12	19.17	20.7
20		1	99	19.19	19.18	19.22	20.7
20		50	0	19.33	19.3	19.19	20.7
20		50	24	19.3	19.26	19.29	20.7
20		50	50	19.34	19.22	19.28	20.7
20		100	0	19.28	19.42	19.33	20.7
20	64QAM	1	0	19.28	19.26	19.42	20.7
20		1	49	19.25	19.21	19.32	20.7
20		1	99	19.26	19.44	19.33	20.7
20		50	0	19.26	19.29	19.19	20.7
20		50	24	19.23	19.24	19.23	20.7
20		50	50	19.24	19.38	19.46	20.7
20		100	0	19.27	19.39	19.39	20.7
20	256QAM	1	0	18.98	19	18.91	20.2
20		1	49	18.67	18.81	18.7	20.2
20		1	99	18.83	18.96	18.65	20.2
20		50	0	18.85	18.87	18.78	20.2
20		50	24	18.77	18.87	18.67	20.2
20		50	50	18.78	18.91	18.67	20.2
20		100	0	18.85	18.91	18.8	20.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.26	19.39	19.31	20.7
15		1	37	19.3	19.34	19.27	20.7
15		1	74	19.34	19.34	19.34	20.7
15		36	0	19.2	19.36	19.26	20.7
15		36	20	19.28	19.11	19.18	20.7
15		36	39	19.18	19.25	19.12	20.7
15		75	0	19.01	19.19	18.92	20.7
15	16QAM	1	0	19.09	19.21	19.28	20.7
15		1	37	19.18	19.08	19.16	20.7
15		1	74	19.09	19.12	19.16	20.7
15		36	0	19.18	19.24	19.08	20.7
15		36	20	19.17	19.12	19.14	20.7
15		36	39	19.2	19.09	19.25	20.7
15		75	0	19.15	19.34	19.26	20.7
15	64QAM	1	0	19.25	19.11	19.36	20.7
15		1	37	19.16	19.15	19.27	20.7
15		1	74	19.24	19.09	19.27	20.7
15		36	0	19.12	19.28	19.09	20.7
15		36	20	19.2	19.14	19.08	20.7
15		36	39	19.17	19.3	19.42	20.7
15		75	0	19.18	19.17	19.26	20.7
15	256QAM	1	0	18.92	18.86	18.84	20.2
15		1	37	18.54	18.69	18.68	20.2
15		1	74	18.74	18.62	18.53	20.2
15		36	0	18.78	18.74	18.69	20.2
15		36	20	18.66	18.85	18.65	20.2
15		36	39	18.67	18.73	18.57	20.2
15		75	0	18.84	18.77	18.79	20.2
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.14	19.35	19.36	20.7
10		1	25	19.3	19.43	19.2	20.7
10		1	49	19.24	19.32	19.34	20.7
10		25	0	19.17	19.25	19.18	20.7
10		25	12	19.17	19.19	19.12	20.7
10		25	25	19.22	19.2	19.16	20.7
10		50	0	19.06	19.19	18.96	20.7
10	16QAM	1	0	19.18	19.2	19.2	20.7
10		1	25	19.25	19	19.05	20.7
10		1	49	19.14	19.14	19.1	20.7
10		25	0	19.24	19.24	19.13	20.7
10		25	12	19.2	19.18	19.18	20.7
10		25	25	19.25	19.21	19.18	20.7
10		50	0	19.2	19.36	19.22	20.7
10	64QAM	1	0	19.15	19.19	19.4	20.7
10		1	25	19.21	19.07	19.18	20.7
10		1	49	19.23	19.41	19.2	20.7
10		25	0	19.22	19.15	19.11	20.7
10		25	12	19.19	19.18	19.12	20.7
10		25	25	19.17	19.36	19.36	20.7
10		50	0	19.25	19.23	19.27	20.7
10	256QAM	1	0	18.87	18.93	18.84	20.2
10		1	25	18.63	18.72	18.58	20.2
10		1	49	18.77	18.8	18.57	20.2
10		25	0	18.83	18.92	18.69	20.2
10		25	12	18.69	18.83	18.6	20.2
10		25	25	18.67	18.87	18.55	20.2
10		50	0	18.83	18.83	18.75	20.2
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.16	19.42	19.33	20.7
5		1	12	19.28	19.42	19.3	20.7
5		1	24	19.34	19.3	19.35	20.7
5		12	0	19.23	19.35	19.19	20.7
5		12	7	19.17	19.16	19.08	20.7
5		12	13	19.18	19.17	19.14	20.7
5		25	0	19.07	19.13	18.94	20.7
5	16QAM	1	0	19.12	19.16	19.21	20.7
5		1	12	19.23	19.08	19.11	20.7
5		1	24	19.14	19.11	19.08	20.7
5		12	0	19.3	19.16	19.07	20.7
5		12	7	19.24	19.14	19.2	20.7
5		12	13	19.28	19.21	19.22	20.7
5		25	0	19.26	19.37	19.21	20.7
5	64QAM	1	0	19.24	19.17	19.35	20.7
5		1	12	19.2	19.16	19.23	20.7
5		1	24	19.24	19.35	19.31	20.7
5		12	0	19.15	19.24	19.14	20.7
5		12	7	19.17	19.1	19.16	20.7
5		12	13	19.18	19.29	19.41	20.7
5		25	0	19.23	19.16	19.24	20.7
5	256QAM	1	0	18.68	18.88	18.78	20.2
5		1	12	18.61	18.72	18.57	20.2
5		1	24	18.7	18.75	18.64	20.2
5		12	0	18.8	18.85	18.69	20.2
5		12	7	18.64	18.8	18.57	20.2
5		12	13	18.67	18.71	18.58	20.2
5		25	0	18.82	18.9	18.66	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.54	18.58	18.55	19.7
20		1	49	18.48	18.54	18.52	19.7
20		1	99	18.51	18.56	18.41	19.7
20		50	0	18.25	18.45	18.44	19.7
20		50	24	18.21	18.38	18.28	19.7
20		50	50	18.13	18.32	18.3	19.7
20		100	0	18.19	18.29	18.12	19.7
20	16QAM	1	0	18.21	18.4	18.37	19.7
20		1	49	18.27	18.37	18.35	19.7
20		1	99	18.28	18.24	18.24	19.7
20		50	0	18.33	18.41	18.27	19.7
20		50	24	18.37	18.36	18.45	19.7
20		50	50	18.51	18.52	18.39	19.7
20		100	0	18.33	18.48	18.47	19.7
20	64QAM	1	0	18.38	18.34	18.44	19.7
20		1	49	18.3	18.37	18.39	19.7
20		1	99	18.45	18.46	18.38	19.7
20		50	0	18.41	18.47	18.35	19.7
20		50	24	18.3	18.44	18.26	19.7
20		50	50	18.39	18.52	18.46	19.7
20	256QAM	1	0	18.39	18.41	18.47	19.7
20		1	49	18.32	18.55	18.39	19.7
20		1	99	18.26	18.51	18.41	19.7
20		50	0	18.48	18.5	18.38	19.7
20		50	24	18.33	18.55	18.39	19.7
20		50	50	18.23	18.43	18.51	19.7
20		50	50	18.38	18.43	18.54	19.7
20		100	0	18.42	18.38	18.36	19.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.44	18.55	18.43	19.7
15		1	37	18.36	18.48	18.51	19.7
15		1	74	18.49	18.54	18.34	19.7
15		36	0	18.19	18.41	18.4	19.7
15		36	20	18.4	18.25	18.21	19.7
15		36	39	18.26	18.22	18.24	19.7
15		75	0	18.07	18.21	18.07	19.7
15	16QAM	1	0	18.13	18.34	18.28	19.7
15		1	37	18.12	18.33	18.23	19.7
15		1	74	18.25	18.22	18.19	19.7
15		36	0	18.19	18.33	18.23	19.7
15		36	20	18.25	18.31	18.39	19.7
15		36	39	18.44	18.26	18.3	19.7
15		75	0	18.29	18.35	18.42	19.7
15	64QAM	1	0	18.27	18.3	18.35	19.7
15		1	37	18.16	18.34	18.26	19.7
15		1	74	18.06	18.38	18.3	19.7
15		36	0	18.38	18.42	18.24	19.7
15		36	20	18.16	18.37	18.23	19.7
15		36	39	18.26	18.4	18.33	19.7
15		75	0	18.06	18.33	18.35	19.7
15	256QAM	1	0	18.28	18.49	18.35	19.7
15		1	37	18.24	18.58	18.3	19.7
15		1	74	18.45	18.38	18.23	19.7
15		36	0	18.18	18.41	18.37	19.7
15		36	20	18.14	18.39	18.46	19.7
15		36	39	18.34	18.29	18.46	19.7
15		75	0	18.08	18.33	18.32	19.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.52	18.55	18.51	19.7
10		1	25	18.46	18.44	18.46	19.7
10		1	49	18.43	18.46	18.37	19.7
10		25	0	18.17	18.41	18.42	19.7
10		25	12	18.35	18.25	18.2	19.7
10		25	25	18.29	18.28	18.15	19.7
10		50	0	18.15	18.24	18.08	19.7
10	16QAM	1	0	18.17	18.36	18.28	19.7
10		1	25	18.2	18.23	18.26	19.7
10		1	49	18.25	18.18	18.1	19.7
10		25	0	18.27	18.31	18.25	19.7
10		25	12	18.26	18.31	18.39	19.7
10		25	25	18.44	18.3	18.26	19.7
10	64QAM	1	0	18.19	18.39	18.37	19.7
10		1	25	18.03	18.3	18.42	19.7
10		1	49	18.19	18.29	18.32	19.7
10		25	0	18.42	18.4	18.25	19.7
10		25	12	18.38	18.38	18.24	19.7
10		25	25	18.18	18.38	18.17	19.7
10		50	0	18.37	18.4	18.35	19.7
10	256QAM	1	0	18.26	18.4	18.4	19.7
10		1	25	18.17	18.41	18.25	19.7
10		1	49	18.18	18.57	18.29	19.7
10		25	0	18.36	18.38	18.27	19.7
10		25	12	18.3	18.42	18.34	19.7
10		25	25	18.12	18.42	18.5	19.7
10		50	0	18.36	18.34	18.49	19.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.4	18.44	18.45	19.7
5		1	12	18.39	18.48	18.51	19.7
5		1	24	18.48	18.55	18.26	19.7
5		12	0	18.29	18.33	18.3	19.7

<LTE Band 38_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.67	20.77	20.66	21.7
20		1	49	20.54	20.72	20.48	21.7
20		1	99	20.49	20.69	20.46	21.7
20		50	0	20.53	20.71	20.5	21.7
20		50	24	20.3	20.45	20.3	21.7
20		50	50	20.31	20.49	20.27	21.7
20		100	0	20.37	20.61	20.4	21.7
20	16QAM	1	0	20.36	20.53	20.37	21.7
20		1	49	20.17	20.42	20.3	21.7
20		1	99	20.25	20.42	20.23	21.7
20		50	0	20.32	20.55	20.32	21.7
20		50	24	20.36	20.48	20.3	21.7
20		50	50	20.36	20.58	20.44	21.7
20		100	0	20.55	20.69	20.48	21.7
20	64QAM	1	0	20.35	20.51	20.28	21.7
20		1	49	20.32	20.5	20.32	21.7
20		1	99	20.47	20.71	20.56	21.7
20		50	0	20.33	20.53	20.31	21.7
20		50	24	20.37	20.59	20.35	21.7
20		50	50	20.54	20.66	20.5	21.7
20		100	0	20.39	20.59	20.4	21.7
20	256QAM	1	0	19.02	19.21	19.09	20.2
20		1	49	19.34	19.51	19.38	20.2
20		1	99	19.09	19.22	19.1	20.2
20		50	0	19.04	19.25	19.06	20.2
20		50	24	19.08	19.2	19.07	20.2
20		50	50	18.96	19.15	19.08	20.2
20		100	0	19.11	19.25	19.11	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.54	20.69	20.57	21.7
15		1	37	20.42	20.67	20.46	21.7
15		1	74	20.42	20.67	20.33	21.7
15		36	0	20.47	20.67	20.4	21.7
15		36	20	20.23	20.33	20.24	21.7
15		36	39	20.28	20.47	20.17	21.7
15		75	0	20.3	20.46	20.3	21.7
15	16QAM	1	0	20.28	20.4	20.24	21.7
15		1	37	20.16	20.41	20.18	21.7
15		1	74	20.24	20.39	20.13	21.7
15		36	0	20.29	20.52	20.26	21.7
15		36	20	20.25	20.34	20.21	21.7
15		36	39	20.25	20.52	20.39	21.7
15		75	0	20.43	20.58	20.37	21.7
15	64QAM	1	0	20.24	20.48	20.21	21.7
15		1	37	20.23	20.4	20.24	21.7
15		1	74	20.45	20.6	20.54	21.7
15		36	0	20.19	20.47	20.18	21.7
15		36	20	20.34	20.52	20.3	21.7
15		36	39	20.51	20.62	20.42	21.7
15		75	0	20.25	20.55	20.34	21.7
15	256QAM	1	0	18.98	19.19	19.04	20.2
15		1	37	19.31	19.37	19.36	20.2
15		1	74	18.97	19.19	19.07	20.2
15		36	0	18.95	19.14	18.99	20.2
15		36	20	18.97	19.12	18.99	20.2
15		36	39	18.89	19	19.06	20.2
15		75	0	19.03	19.24	19.06	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.65	20.64	20.58	21.7
10		1	25	20.46	20.61	20.35	21.7
10		1	49	20.42	20.63	20.41	21.7
10		25	0	20.44	20.67	20.41	21.7
10		25	12	20.19	20.37	20.25	21.7
10		25	25	20.23	20.48	20.25	21.7
10		50	0	20.34	20.59	20.28	21.7
10	16QAM	1	0	20.3	20.48	20.28	21.7
10		1	25	20.09	20.38	20.23	21.7
10		1	49	20.18	20.3	20.2	21.7
10		25	0	20.19	20.51	20.19	21.7
10		25	12	20.21	20.44	20.25	21.7
10		25	25	20.29	20.45	20.36	21.7
10		50	0	20.54	20.59	20.35	21.7
10	64QAM	1	0	20.32	20.5	20.16	21.7
10		1	25	20.23	20.38	20.22	21.7
10		1	49	20.42	20.65	20.46	21.7
10		25	0	20.2	20.49	20.29	21.7
10		25	12	20.3	20.5	20.3	21.7
10		25	25	20.5	20.64	20.39	21.7
10		50	0	20.25	20.51	20.37	21.7
10	256QAM	1	0	18.93	19.08	19.01	20.2
10		1	25	19.2	19.45	19.3	20.2
10		1	49	18.98	19.2	19.03	20.2
10		25	0	18.92	19.14	19.04	20.2
10		25	12	19.02	19.1	19.01	20.2
10		25	25	18.93	19.12	19.01	20.2
10		50	0	19.04	19.16	18.96	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.52	20.69	20.63	21.7
5		1	12	20.42	20.61	20.44	21.7
5		1	24	20.42	20.59	20.34	21.7
5		12	0	20.43	20.59	20.41	21.7
5		12	7	20.21	20.32	20.16	21.7
5		12	13	20.17	20.38	20.24	21.7
5		25	0	20.34	20.47	20.32	21.7
5	16QAM	1	0	20.28	20.48	20.28	21.7
5		1	12	20.05	20.37	20.24	21.7
5		1	24	20.2	20.32	20.22	21.7
5		12	0	20.2	20.52	20.22	21.7
5		12	7	20.29	20.35	20.25	21.7
5		12	13	20.29	20.47	20.43	21.7
5		25	0	20.52	20.64	20.34	21.7
5	64QAM	1	0	20.26	20.46	20.21	21.7
5		1	12	20.25	20.39	20.25	21.7
5		1	24	20.44	20.6	20.44	21.7
5		12	0	20.26	20.47	20.27	21.7
5		12	7	20.36	20.47	20.32	21.7
5		12	13	20.45	20.53	20.41	21.7
5		25	0	20.32	20.54	20.32	21.7
5	256QAM	1	0	18.93	19.07	19.08	20.2
5		1	12	19.33	19.42	19.24	20.2
5		1	24	18.96	19.19	19	20.2
5		12	0	19.01	19.23	18.93	20.2
5		12	7	18.97	19.14	18.94	20.2
5		12	13	18.89	19.09	19.03	20.2
5		25	0	19.06	19.17	18.97	20.2

<LTE Band 41_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.71	20.77	20.82	20.63	20.6	21.7
20		1	49	20.42	20.59	20.67	20.35	20.39	21.7
20		1	99	20.43	20.5	20.59	20.31	20.35	21.7
20		50	0	20.62	20.67	20.76	20.56	20.49	21.7
20		50	24	20.29	20.38	20.52	20.31	20.27	21.7
20		50	50	20.42	20.47	20.58	20.34	20.31	21.7
20		100	0	20.35	20.43	20.58	20.32	20.23	21.7
20	16QAM	1	0	20.35	20.46	20.58	20.27	20.28	21.7
20		1	49	20.3	20.35	20.51	20.22	20.28	21.7
20		1	99	20.23	20.38	20.47	20.23	20.23	21.7
20		50	0	20.4	20.48	20.59	20.34	20.28	21.7
20		50	24	20.38	20.42	20.58	20.31	20.22	21.7
20		50	50	20.32	20.35	20.54	20.24	20.2	21.7
20		100	0	20.56	20.56	20.69	20.48	20.38	21.7
20	64QAM	1	0	20.36	20.41	20.51	20.21	20.21	21.7
20		1	49	20.3	20.45	20.54	20.25	20.26	21.7
20		1	99	20.47	20.53	20.7	20.49	20.37	21.7
20		50	0	20.49	20.51	20.65	20.43	20.31	21.7
20		50	24	20.36	20.41	20.58	20.29	20.22	21.7
20		50	50	20.49	20.51	20.66	20.4	20.29	21.7
20		100	0	20.3	20.48	20.56	20.23	20.29	21.7
20	256QAM	1	0	18.96	19.21	19.33	18.88	18.83	20.2
20		1	49	18.9	19.15	19.27	18.84	18.82	20.2
20		1	99	18.89	19.14	19.25	18.83	18.82	20.2
20		50	0	18.97	19.21	19.3	18.94	18.91	20.2
20		50	24	18.9	19.08	19.24	18.89	18.83	20.2
20		50	50	18.84	19.1	19.22	18.78	18.76	20.2
20		100	0	18.9	19.12	19.2	18.85	18.82	20.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.64	20.65	20.81	20.58	20.46	21.7
15		1	37	20.29	20.48	20.55	20.33	20.32	21.7
15		1	74	20.4	20.37	20.48	20.17	20.26	21.7
15		36	0	20.57	20.59	20.72	20.53	20.46	21.7
15		36	20	20.25	20.29	20.49	20.19	20.23	21.7
15		36	39	20.37	20.46	20.47	20.29	20.22	21.7
15		75	0	20.3	20.39	20.46	20.31	20.12	21.7
15	16QAM	1	0	20.21	20.38	20.5	20.15	20.14	21.7
15		1	37	20.29	20.22	20.42	20.19	20.23	21.7
15		1	74	20.2	20.34	20.33	20.21	20.13	21.7
15		36	0	20.29	20.44	20.57	20.23	20.16	21.7
15		36	20	20.24	20.3	20.48	20.23	20.1	21.7
15		36	39	20.21	20.33	20.46	20.15	20.08	21.7
15		75	0	20.44	20.46	20.65	20.35	20.36	21.7
15	64QAM	1	0	20.21	20.33	20.48	20.09	20.11	21.7
15		1	37	20.29	20.34	20.45	20.2	20.22	21.7
15		1	74	20.36	20.4	20.65	20.44	20.24	21.7
15		36	0	20.43	20.49	20.59	20.31	20.3	21.7
15		36	20	20.22	20.29	20.49	20.2	20.11	21.7
15		36	39	20.36	20.45	20.6	20.32	20.21	21.7
15		75	0	20.16	20.38	20.49	20.22	20.21	21.7
15	256QAM	1	0	18.94	19.11	19.26	18.84	18.8	20.2
15		1	37	18.88	19.05	19.25	18.75	18.78	20.2
15		1	74	18.79	19.04	19.2	18.71	18.8	20.2
15		36	0	18.95	19.16	19.2	18.81	18.87	20.2
15		36	20	18.77	19.02	19.17	18.8	18.76	20.2
15		36	39	18.74	19.04	19.12	18.63	18.73	20.2
15		75	0	18.78	19.08	19.08	18.72	18.69	20.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.67	20.72	20.73	20.52	20.56	21.7
10		1	25	20.29	20.56	20.53	20.24	20.33	21.7
10		1	49	20.29	20.39	20.57	20.22	20.21	21.7
10		25	0	20.54	20.63	20.68	20.46	20.48	21.7
10		25	12	20.26	20.32	20.45	20.18	20.2	21.7
10		25	25	20.34	20.33	20.51	20.29	20.23	21.7
10		50	0	20.32	20.28	20.45	20.18	20.12	21.7
10	16QAM	1	0	20.2	20.33	20.56	20.21	20.15	21.7
10		1	25	20.28	20.24	20.45	20.2	20.2	21.7
10		1	49	20.18	20.35	20.34	20.1	20.13	21.7
10		25	0	20.34	20.37	20.48	20.25	20.21	21.7
10		25	12	20.26	20.32	20.51	20.19	20.16	21.7
10		25	25	20.19	20.31	20.4	20.11	20.13	21.7
10		50	0	20.47	20.51	20.58	20.47	20.27	21.7
10	64QAM	1	0	20.28	20.27	20.48	20.16	20.2	21.7
10		1	25	20.27	20.3	20.43	20.2	20.24	21.7
10		1	49	20.39	20.41	20.56	20.41	20.33	21.7
10		25	0	20.41	20.5	20.6	20.35	20.26	21.7
10		25	12	20.31	20.3	20.47	20.22	20.14	21.7
10		25	25	20.42	20.42	20.55	20.38	20.25	21.7
10		50	0	20.17	20.4	20.54	20.09	20.17	21.7
10	256QAM	1	0	18.9	19.17	19.32	18.81	18.74	20.2
10		1	25	18.84	19.03	19.17	18.77	18.72	20.2
10		1	49	18.85	19.06	19.16	18.79	18.76	20.2
10		25	0	18.88	19.19	19.28	18.87	18.78	20.2
10		25	12	18.75	18.98	19.21	18.87	18.76	20.2
10		25	25	18.81	19.07	19.1	18.65	18.65	20.2
10		50	0	18.81	18.98	19.15	18.74	18.79	20.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.68	20.69	20.73	20.51	20.56	21.7
5		1	12	20.28	20.57	20.57	20.26	20.36	21.7
5		1	24	20.3	20.39	20.49	20.23	20.26	21.7
5		12	0	20.56	20.54	20.62	20.55	20.39	21.7
5		12	7	20.24	20.26	20.37	20.28	20.17	21.7
5		12	13	20.28	20.41	20.45	20.26	20.2	21.7
5		25	0	20.34	20.39	20.57	20.25	20.18	21.7
5	16QAM	1	0	20.24	20.36	20.45	20.18	20.18	21.7
5		1	12	20.22	20.26	20.37	20.08	20.17	21.7
5		1	24	20.19	20.3	20.32	20.16	20.2	21.7
5		12	0	20.3	20.34	20.51	20.2	20.15	21.7
5		12	7	20.3	20.31	20.43	20.3	20.13	21.7
5		12	13	20.25	20.32	20.45	20.15	20.1	21.7
5		25	0	20.47	20.49	20.59	20.46	20.26	21.7
5	64QAM	1	0	20.33	20.27	20.4	20.11	20.1	21.7
5		1	12	20.19	20.43	20.45	20.2	20.14	21.7
5		1	24	20.45	20.43	20.57	20.36	20.34	21.7
5		12	0	20.37	20.47	20.64	20.36	20.28	21.7
5		12	7	20.23	20.38	20.51	20.27	20.15	21.7
5		12	13	20.43	20.37	20.6	20.28	20.21	21.7
5		25	0	20.26	20.45	20.43	20.15	20.21	21.7
5	256QAM	1	0	18.91	19.15	19.24	18.74	18.73	20.2
5		1	12	18.87	19.1	19.15	18.74	18.68	20.2
5		1	24	18.82	19.07	19.2	18.74	18.69	20.2
5		12	0	18.92	19.15	19.18	18.86	18.89	20.2
5		12	7	18.81	18.99	19.15	18.85	18.79	20.2
5		12	13	18.76	19.04	19.16	18.76	18.64	20.2
5		25	0	18.79	19.09	19.16	18.82	18.68	20.2

<LTE Band 42 (27Q)_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.56	19.57	19.52	21.2
20		1	49	19.51	19.56	19.45	21.2
20		1	99	19.28	19.41	19.25	21.2
20		50	0	19.43	19.5	19.38	21.2
20		50	24	19.36	19.4	19.34	21.2
20		50	50	19.16	19.31	19.14	21.2
20		100	0	19.39	19.44	19.29	21.2
20	16QAM	1	0	19.26	19.33	19.25	21.2
20		1	49	19.22	19.27	19.08	21.2
20		1	99	19.18	19.22	19.1	21.2
20		50	0	19.14	19.28	19.09	21.2
20		50	24	19.26	19.29	19.15	21.2
20		50	50	19.32	19.35	19.22	21.2
20		100	0	19.35	19.5	19.4	21.2
20	64QAM	1	0	19.28	19.4	19.26	21.2
20		1	49	19.28	19.33	19.17	21.2
20		1	99	19.33	19.45	19.33	21.2
20		50	0	19.29	19.4	19.3	21.2
20		50	24	19.24	19.37	19.29	21.2
20		50	50	19.46	19.53	19.46	21.2
20		100	0	19.33	19.44	19.33	21.2
20	256QAM	1	0	17.44	17.63	17.47	18.2
20		1	49	17.42	17.62	17.53	18.2
20		1	99	17.39	17.56	17.44	18.2
20		50	0	17.31	17.48	17.36	18.2
20		50	24	17.31	17.55	17.47	18.2
20		50	50	17.27	17.53	17.36	18.2
20		100	0	17.34	17.53	17.46	18.2
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.41	19.47	19.4	21.2
15		1	37	19.47	19.43	19.37	21.2
15		1	74	19.19	19.38	19.21	21.2
15		36	0	19.3	19.48	19.26	21.2
15		36	20	19.21	19.3	19.2	21.2
15		36	39	19.14	19.25	19.05	21.2
15		75	0	19.27	19.38	19.24	21.2
15	16QAM	1	0	19.11	19.29	19.22	21.2
15		1	37	19.21	19.19	19.03	21.2
15		1	74	19.15	19.08	18.98	21.2
15		36	0	19.08	19.24	19	21.2
15		36	20	19.21	19.15	19.09	21.2
15		36	39	19.3	19.3	19.13	21.2
15		75	0	19.34	19.4	19.35	21.2
15	64QAM	1	0	19.17	19.34	19.16	21.2
15		1	37	19.2	19.19	19.04	21.2
15		1	74	19.25	19.44	19.27	21.2
15		36	0	19.24	19.3	19.16	21.2
15		36	20	19.12	19.35	19.16	21.2
15		36	39	19.44	19.41	19.35	21.2
15		75	0	19.22	19.39	19.29	21.2
15	256QAM	1	0	17.32	17.5	17.34	18.2
15		1	37	17.4	17.54	17.39	18.2
15		1	74	17.26	17.5	17.36	18.2
15		36	0	17.26	17.4	17.26	18.2
15		36	20	17.18	17.45	17.34	18.2
15		36	39	17.23	17.4	17.26	18.2
15		75	0	17.24	17.41	17.4	18.2
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.42	19.47	19.38	21.2
10		1	25	19.43	19.44	19.43	21.2
10		1	49	19.25	19.3	19.11	21.2
10		25	0	19.32	19.35	19.37	21.2
10		25	12	19.33	19.32	19.32	21.2
10		25	25	19.02	19.2	19.08	21.2
10		50	0	19.34	19.33	19.26	21.2
10	16QAM	1	0	19.22	19.2	19.21	21.2
10		1	25	19.09	19.24	18.94	21.2
10		1	49	19.07	19.17	18.97	21.2
10		25	0	19.01	19.22	18.98	21.2
10		25	12	19.23	19.18	19.01	21.2
10		25	25	19.21	19.32	19.14	21.2
10		50	0	19.23	19.47	19.34	21.2
10	64QAM	1	0	19.22	19.25	19.19	21.2
10		1	25	19.14	19.22	19.09	21.2
10		1	49	19.22	19.42	19.25	21.2
10		25	0	19.19	19.31	19.28	21.2
10		25	12	19.15	19.27	19.2	21.2
10		25	25	19.44	19.41	19.39	21.2
10		50	0	19.2	19.42	19.21	21.2
10	256QAM	1	0	17.42	17.54	17.44	18.2
10		1	25	17.31	17.57	17.48	18.2
10		1	49	17.37	17.5	17.29	18.2
10		25	0	17.16	17.44	17.27	18.2
10		25	12	17.2	17.45	17.41	18.2
10		25	25	17.24	17.5	17.32	18.2
10		50	0	17.32	17.44	17.33	18.2
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.54	19.52	19.51	21.2
5		1	12	19.48	19.53	19.36	21.2
5		1	24	19.22	19.4	19.11	21.2
5		12	0	19.32	19.4	19.23	21.2
5		12	7	19.29	19.38	19.24	21.2
5		12	13	19.08	19.25	19.1	21.2
5		25	0	19.28	19.34	19.14	21.2
5	16QAM	1	0	19.24	19.19	19.22	21.2
5		1	12	19.2	19.19	19.05	21.2
5		1	24	19.16	19.1	19.01	21.2
5		12	0	19.04	19.24	19.06	21.2
5		12	7	19.21	19.24	19.04	21.2
5		12	13	19.2	19.3	19.17	21.2
5		25	0	19.24	19.4	19.31	21.2
5	64QAM	1	0	19.25	19.27	19.22	21.2
5		1	12	19.17	19.28	19.03	21.2
5		1	24	19.19	19.38	19.32	21.2
5		12	0	19.26	19.37	19.21	21.2
5		12	7	19.15	19.28	19.19	21.2
5		12	13	19.41	19.49	19.31	21.2
5		25	0	19.28	19.41	19.22	21.2
5	256QAM	1	0	17.32	17.49	17.42	18.2
5		1	12	17.27	17.61	17.41	18.2
5		1	24	17.27	17.49	17.34	18.2
5		12	0	17.23	17.47	17.29	18.2
5		12	7	17.24	17.45	17.37	18.2
5		12	13	17.17	17.46	17.3	18.2
5		25	0	17.31	17.43	17.33	18.2

<LTE Band 48_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.51	17.54	17.6	17.5	17.46	18.9
20		1	49	17.3	17.3	17.43	17.32	17.21	18.9
20		1	99	17.23	17.35	17.43	17.26	17.25	18.9
20		50	0	17.4	17.36	17.5	17.37	17.27	18.9
20		50	24	17.19	17.22	17.34	17.18	17.17	18.9
20		50	50	17.06	17.13	17.29	17.06	17.1	18.9
20		100	0	17.36	17.36	17.47	17.3	17.3	18.9
20	16QAM	1	0	17.07	17.14	17.29	17.07	17.08	18.9
20		1	49	17.06	17.14	17.22	17.01	17.03	18.9
20		1	99	16.97	17.02	17.17	17	16.91	18.9
20		50	0	17.02	17.12	17.25	17.05	17.02	18.9
20		50	24	17.12	17.27	17.34	17.12	17.18	18.9
20		50	50	17.07	17.13	17.29	17.06	17.1	18.9
20		100	0	17.31	17.36	17.43	17.3	17.16	18.9
20	64QAM	1	0	17.11	17.13	17.3	17.12	17.04	18.9
20		1	49	17.19	17.27	17.36	17.12	17.17	18.9
20		1	99	17.28	17.22	17.42	17.3	17.25	18.9
20		50	0	17.24	17.3	17.4	17.26	17.13	18.9
20		50	24	17.19	17.25	17.37	17.17	17.13	18.9
20		50	50	17.25	17.33	17.46	17.22	17.18	18.9
20		100	0	17.22	17.32	17.44	17.31	17.17	18.9
20	256QAM	1	0	15.93	15.92	16.09	15.88	15.66	17.4
20		1	49	15.92	15.97	16.13	15.92	15.7	17.4
20		1	99	15.87	15.94	16.1	15.89	15.69	17.4
20		50	0	15.92	15.96	16.08	15.94	15.68	17.4
20		50	24	15.93	16.04	16.14	16.05	15.65	17.4
20		50	50	16.05	16.07	16.17	16.08	15.68	17.4
20		100	0	16.05	16.03	16.2	16.12	15.8	17.4
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.41	17.43	17.55	17.48	17.34	18.9
15		1	37	17.23	17.18	17.34	17.25	17.12	18.9
15		1	74	17.11	17.21	17.29	17.17	17.23	18.9
15		36	0	17.3	17.33	17.43	17.24	17.22	18.9
15		36	20	17.1	17.19	17.29	17.04	17.06	18.9
15		36	39	16.91	17.09	17.25	16.91	16.97	18.9
15		75	0	17.29	17.26	17.37	17.23	17.16	18.9
15	16QAM	1	0	17.04	17.02	17.17	16.92	17.03	18.9
15		1	37	16.99	17.06	17.19	16.99	16.9	18.9
15		1	74	16.89	16.94	17.12	16.86	16.84	18.9
15		36	0	16.9	16.99	17.13	16.94	16.95	18.9
15		36	20	17	17.13	17.28	16.99	17.03	18.9
15		36	39	17.04	17.11	17.16	16.96	16.97	18.9
15		75	0	17.23	17.34	17.33	17.25	17.09	18.9
15	64QAM	1	0	17	17.07	17.21	17.04	16.92	18.9
15		1	37	17.08	17.16	17.29	17.06	17.16	18.9
15		1	74	17.22	17.1	17.38	17.18	17.14	18.9
15		36	0	17.19	17.22	17.31	17.16	16.99	18.9
15		36	20	17.1	17.16	17.23	17.04	17.1	18.9
15		36	39	17.16	17.31	17.32	17.15	17.06	18.9
15		75	0	17.14	17.3	17.32	17.27	17.03	18.9
15	256QAM	1	0	15.88	15.78	16.07	15.81	15.57	17.4
15		1	37	15.8	15.96	16.03	15.84	15.62	17.4
15		1	74	15.73	15.8	16.04	15.87	15.6	17.4
15		36	0	15.86	15.88	16.01	15.9	15.53	17.4
15		36	20	15.87	15.89	16	15.96	15.54	17.4
15		36	39	15.96	16	16.08	16.05	15.54	17.4
15		75	0	16	15.98	16.08	16.11	15.75	17.4
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.48	17.48	17.49	17.46	17.33	18.9
10		1	25	17.21	17.19	17.32	17.24	17.15	18.9
10		1	49	17.16	17.2	17.3	17.22	17.15	18.9
10		25	0	17.36	17.21	17.38	17.34	17.2	18.9
10		25	12	17.13	17.09	17.28	17.03	17.04	18.9
10		25	25	17.05	17.08	17.23	17.04	17.02	18.9
10		50	0	17.25	17.32	17.37	17.29	17.18	18.9
10	16QAM	1	0	16.98	17.06	17.24	16.98	17.03	18.9
10		1	25	16.93	17.04	17.15	16.98	16.88	18.9
10		1	49	16.92	16.96	17.06	16.99	16.86	18.9
10		25	0	16.94	17.01	17.12	16.94	16.98	18.9
10		25	12	17.04	17.15	17.27	16.97	17.1	18.9
10		25	25	16.97	17.05	17.26	16.93	17.01	18.9
10		50	0	17.16	17.25	17.37	17.24	17.03	18.9
10	64QAM	1	0	17.01	17.11	17.22	17.09	16.96	18.9
10		1	25	17.18	17.16	17.29	17.05	17.08	18.9
10		1	49	17.14	17.11	17.29	17.22	17.22	18.9
10		25	0	17.16	17.26	17.31	17.14	17.09	18.9
10		25	12	17.13	17.11	17.24	17.07	17.02	18.9
10		25	25	17.23	17.24	17.41	17.14	17.12	18.9
10		50	0	17.16	17.31	17.4	17.29	17.04	18.9
10	256QAM	1	0	15.79	15.89	16.02	15.8	15.54	17.4
10		1	25	15.91	15.83	16.07	15.79	15.59	17.4
10		1	49	15.82	15.89	16.01	15.77	15.67	17.4
10		25	0	15.86	15.85	16.07	15.86	15.65	17.4
10		25	12	15.91	16	16.09	15.91	15.57	17.4
10		25	25	15.98	16.02	16.1	16	15.53	17.4
10		50	0	15.96	16	16.09	15.98	15.67	17.4
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.46	17.51	17.48	17.47	17.33	18.9
5		1	12	17.27	17.28	17.4	17.28	17.19	18.9
5		1	24	17.11	17.32	17.4	17.2	17.13	18.9
5		12	0	17.29	17.24	17.47	17.29	17.12	18.9
5		12	7	17.1	17.2	17.3	17.03	17.11	18.9
5		12	13	17.01	17.1	17.15	16.96	17.07	18.9
5		25	0	17.26	17.33	17.46	17.17	17.25	18.9
5	16QAM	1	0	17.01	17.06	17.15	16.99	17	18.9
5		1	12	17.01	17.13	17.09	16.87	16.99	18.9
5		1	24	16.84	16.93	17.12	16.91	16.79	18.9
5		12	0	16.89	17.05	17.13	17.01	16.95	18.9
5		12	7	17.04	17.14	17.19	17.03	17.15	18.9
5		12	13	16.97	17.07	17.16	16.99	16.96	18.9
5		25	0	17.22	17.29	17.4	17.29	17.04	18.9
5	64QAM	1	0	17.01	16.99	17.24	16.99	17.01	18.9
5		1	12	17.1	17.26	17.32	17.07	17.03	18.9
5		1	24	17.15	17.14	17.35	17.16	17.22	18.9
5		12	0	17.16	17.19	17.29	17.2	17	18.9
5		12	7	17.07	17.21	17.28	17.09	17.09	18.9
5		12	13	17.23	17.3	17.43	17.08	17.05	18.9
5		25	0	17.17	17.26	17.39	17.26	17.14	18.9
5	256QAM	1	0	15.82	15.85	16.03	15.81	15.63	17.4
5		1	12	15.79	15.85	16	15.84	15.6	17.4
5		1	24	15.82	15.91	16.09	15.78	15.57	17.4
5		12	0	15.81	15.82	15.97	15.83	15.61	17.4
5		12	7	15.81	15.96	16.02	15.9	15.62	17.4
5		12	13	15.93	15.94	16.09	16.07	15.65	17.4
5		25	0	15.93	15.99	16.17	15.99	15.69	17.4

<LTE Band 4_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.55	17.6	17.47	18.7
20		1	49	17.56	17.49	17.57	18.7
20		1	99	17.56	17.47	17.53	18.7
20		50	0	17.38	17.51	17.33	18.7
20		50	24	17.43	17.44	17.33	18.7
20		50	50	17.36	17.35	17.29	18.7
20		100	0	17.28	17.33	17.16	18.7
20	16QAM	1	0	17.27	17.35	17.34	18.7
20		1	49	17.34	17.27	17.41	18.7
20		1	99	17.3	17.3	17.3	18.7
20		50	0	17.42	17.43	17.43	18.7
20		50	24	17.39	17.35	17.58	18.7
20		50	50	17.52	17.33	17.53	18.7
20		100	0	17.41	17.57	17.4	18.7
20	64QAM	1	0	17.37	17.42	17.55	18.7
20		1	49	17.41	17.44	17.54	18.7
20		1	99	17.35	17.4	17.5	18.7
20		50	0	17.4	17.41	17.37	18.7
20		50	24	17.35	17.39	17.31	18.7
20		50	50	17.37	17.47	17.59	18.7
20		100	0	17.36	17.49	17.5	18.7
20	256QAM	1	0	17.33	17.54	17.43	18.7
20		1	49	17.32	17.57	17.39	18.7
20		1	99	17.51	17.46	17.51	18.7
20		50	0	17.43	17.52	17.37	18.7
20		50	24	17.39	17.45	17.49	18.7
20		50	50	17.35	17.41	17.46	18.7
20		100	0	17.36	17.53	17.43	18.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.48	17.52	17.4	18.7
15		1	37	17.47	17.42	17.43	18.7
15		1	74	17.53	17.43	17.5	18.7
15		36	0	17.31	17.41	17.18	18.7
15		36	20	17.33	17.35	17.24	18.7
15		36	39	17.34	17.27	17.21	18.7
15		75	0	17.24	17.26	17.08	18.7
15	16QAM	1	0	17.15	17.29	17.3	18.7
15		1	37	17.2	17.15	17.27	18.7
15		1	74	17.28	17.19	17.17	18.7
15		36	0	17.35	17.4	17.4	18.7
15		36	20	17.31	17.22	17.51	18.7
15		36	39	17.42	17.19	17.51	18.7
15		75	0	17.27	17.54	17.38	18.7
15	64QAM	1	0	17.33	17.31	17.54	18.7
15		1	37	17.29	17.31	17.44	18.7
15		1	74	17.28	17.45	17.41	18.7
15		36	0	17.3	17.3	17.31	18.7
15		36	20	17.23	17.32	17.23	18.7
15		36	39	17.31	17.41	17.46	18.7
15		75	0	17.22	17.45	17.38	18.7
15	256QAM	1	0	17.27	17.44	17.32	18.7
15		1	37	17.26	17.47	17.35	18.7
15		1	74	17.41	17.47	17.43	18.7
15		36	0	17.36	17.43	17.34	18.7
15		36	20	17.26	17.41	17.46	18.7
15		36	39	17.3	17.32	17.39	18.7
15		75	0	17.37	17.51	17.3	18.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.54	17.53	17.44	18.7
10		1	25	17.43	17.48	17.51	18.7
10		1	49	17.53	17.46	17.49	18.7
10		25	0	17.37	17.37	17.29	18.7
10		25	12	17.42	17.39	17.21	18.7
10		25	25	17.22	17.3	17.19	18.7
10		50	0	17.15	17.3	17.13	18.7
10	16QAM	1	0	17.15	17.23	17.29	18.7
10		1	25	17.19	17.17	17.36	18.7
10		1	49	17.19	17.16	17.26	18.7
10		25	0	17.39	17.36	17.4	18.7
10		25	12	17.36	17.27	17.47	18.7
10		25	25	17.39	17.26	17.5	18.7
10		50	0	17.3	17.54	17.3	18.7
10	64QAM	1	0	17.3	17.26	17.42	18.7
10		1	25	17.39	17.39	17.47	18.7
10		1	49	17.22	17.5	17.37	18.7
10		25	0	17.34	17.29	17.28	18.7
10		25	12	17.25	17.37	17.27	18.7
10		25	25	17.35	17.43	17.57	18.7
10		50	0	17.34	17.46	17.35	18.7
10	256QAM	1	0	17.26	17.51	17.38	18.7
10		1	25	17.18	17.55	17.35	18.7
10		1	49	17.49	17.41	17.39	18.7
10		25	0	17.38	17.38	17.27	18.7
10		25	12	17.36	17.39	17.41	18.7
10		25	25	17.21	17.36	17.36	18.7
10		50	0	17.41	17.46	17.35	18.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.41	17.53	17.33	18.7
5		1	12	17.48	17.36	17.47	18.7
5		1	24	17.42	17.32	17.44	18.7
5		12	0	17.26	17.42	17.31	18.7
5		12	7	17.32	17.4	17.24	18.7
5		12	13	17.34	17.23	17.25	18.7
5		25	0	17.2	17.3	17.1	18.7
5	16QAM	1	0	17.19	17.23	17.24	18.7
5		1	12	17.21	17.24	17.35	18.7
5		1	24	17.24	17.16	17.25	18.7
5		12	0	17.3	17.38	17.32	18.7
5		12	7	17.38	17.34	17.55	18.7
5		12	13	17.5	17.2	17.51	18.7
5		25	0	17.37	17.49	17.3	18.7
5	64QAM	1	0	17.28	17.34	17.43	18.7
5		1	12	17.34	17.39	17.47	18.7
5		1	24	17.3	17.46	17.36	18.7
5		12	0	17.35	17.36	17.33	18.7
5		12	7	17.31	17.33	17.21	18.7
5		12	13	17.3	17.36	17.57	18.7
5		25	0	17.34	17.42	17.42	18.7
5	256QAM	1	0	17.19	17.4	17.37	18.7
5		1	12	17.23	17.3	17.25	18.7
5		1	24	17.38	17.44	17.37	18.7
5		12	0	17.35	17.5	17.35	18.7
5		12	7	17.37	17.39	17.35	18.7
5		12	13	17.31	17.32	17.45	18.7
5		25	0	17.28	17.48	17.37	18.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.46	17.47	17.4	18.7
3		1	8	17.51	17.44	17.48	18.7
3		1	14	17.48	17.38	17.39	18.7
3		8	0	17.35	17.45	17.25	18.7
3		8	4	17.41	17.37	17.29	18.7
3		8	7	17.28	17.23	17.15	18.7
3		15	0	17.22	17.26	17.13	18.7
3	16QAM	1	0	17.17	17.26	17.33	18.7
3		1	8	17.21	17.26	17.33	18.7
3		1	14	17.17	17.18	17.25	18.7
3		8	0	17.31	17.36	17.32	18.7
3		8	4	17.34	17.23	17.37	18.7
3		8	7	17.41	17.18	17.45	18.7
3		15	0	17.34	17.54	17.27	18.7
3	64QAM	1	0	17.32	17.39	17.41	18.7
3		1	8	17.26	17.33	17.49	18.7
3		1	14	17.31	17.48	17.42	18.7
3		8	0	17.28	17.26	17.33	18.7
3		8	4	17.29	17.27	17.19	18.7
3		8	7	17.32	17.37	17.45	18.7
3		15	0	17.24	17.42	17.46	18.7
3	256QAM	1	0	17.3	17.45	17.3	18.7
3		1	8	17.25	17.53	17.37	18.7
3		1	14	17.37	17.4	17.45	18.7
3		8	0	17.4	17.44	17.31	18.7
3		8	4	17.33	17.39	17.45	18.7
3		8	7	17.31	17.38	17.45	18.7
3		15	0	17.3	17.46	17.39	18.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.5	17.58	17.39	18.7
1.4		1	3	17.49	17.48	17.48	18.7
1.4		1	5	17.47	17.36	17.5	18.7
1.4		3	0	17.26	17.46	17.24	18.7
1.4		3	1	17.38	17.29	17.32	18.7
1.4		3	3	17.34	17.26	17.27	18.7
1.4		6	0	17.15	17.19	17.14	18.7
1.4	16QAM	1	0	17.25	17.34	17.34	18.7
1.4		1	3	17.31	17.23	17.38	18.7
1.4		1	5	17.18	17.22	17.26	18.7
1.4		3	0	17.32	17.31	17.31	18.7
1.4		3	1	17.34	17.25	17.45	18.7
1.4		3	3	17.4	17.3	17.4	18.7
1.4		6	0	17.28	17.53	17.37	18.7
1.4	64QAM	1	0	17.3	17.27	17.53	18.7
1.4		1	3	17.32	17.4	17.44	18.7
1.4		1	5	17.29	17.49	17.46	18.7
1.4		3	0	17.29	17.26	17.31	18.7
1.4		3	1	17.34	17.35	17.28	18.7
1.4		3	3	17.34	17.33	17.47	18.7
1.4		6	0	17.31	17.37	17.45	18.7
1.4	256QAM	1	0	17.26	17.43	17.33	18.7
1.4		1	3	17.22	17.52	17.36	18.7
1.4		1	5	17.38	17.38	17.45	18.7
1.4		3	0	17.41	17.46	17.22	18.7
1.4		3	1	17.25	17.36	17.45	18.7
1.4		3	3	17.2	17.36	17.38	18.7
1.4		6	0	17.38	17.49	17.29	18.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.23	20.3	20.22	21
20		1	49	20.07	20.29	20	21
20		1	99	20.04	20.15	20.07	21
20		50	0	20.04	20.2	20.11	21
20		50	24	20.01	20.03	20.08	21
20		50	50	19.99	20.05	20.04	21
20		100	0	19.93	20.02	19.82	21
20	16QAM	1	0	19.93	20.02	20.03	21
20		1	49	19.94	20	20.03	21
20		1	99	19.95	20.02	20	21
20		50	0	20.04	19.99	19.98	21
20		50	24	20.06	20.09	20.1	21
20		50	50	20.12	20.09	20.07	21
20		100	0	20.01	20.13	20.17	21
20	64QAM	1	0	20.04	20.13	20.08	21
20		1	49	20.05	19.99	20.14	21
20		1	99	20.06	20.26	20.06	21
20		50	0	20.06	20.09	20.08	21
20		50	24	20.01	20.02	19.96	21
20		50	50	19.94	20.01	20.17	21
20		100	0	20.14	20.1	20.08	21
20	256QAM	1	0	17.74	18.38	18.27	19
20		1	49	17.53	18.27	18.16	19
20		1	99	17.51	18.15	18.07	19
20		50	0	17.37	18.08	17.97	19
20		50	24	17.49	18.21	18.13	19
20		50	50	17.5	18.12	17.98	19
20		100	0	17.47	18.14	18.03	19
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.19	20.21	20.16	21
15		1	37	19.97	20.24	19.98	21
15		1	74	19.93	20.11	19.98	21
15		36	0	20.01	20.11	19.98	21
15		36	20	19.87	19.9	20.03	21
15		36	39	19.86	19.98	19.99	21
15		75	0	19.88	19.9	19.7	21
15	16QAM	1	0	19.85	19.96	19.98	21
15		1	37	19.87	19.93	20.01	21
15		1	74	19.9	19.99	19.88	21
15		36	0	19.9	19.87	19.91	21
15		36	20	19.92	19.98	20	21
15		36	39	20.04	20.06	19.96	21
15		75	0	19.9	20.06	20.03	21
15	64QAM	1	0	20	20.01	19.96	21
15		1	37	19.94	19.94	20.08	21
15		1	74	19.96	20.14	19.96	21
15		36	0	19.94	20.04	19.94	21
15		36	20	19.91	19.92	19.86	21
15		36	39	19.92	20.1	20.02	21
15		75	0	20.06	19.97	20	21
15	256QAM	1	0	17.69	18.36	18.23	19
15		1	37	17.48	18.14	18.08	19
15		1	74	17.48	18.1	18.02	19
15		36	0	17.36	17.96	17.94	19
15		36	20	17.4	18.08	18.11	19
15		36	39	17.49	18.1	17.92	19
15		75	0	17.4	18.03	17.88	19
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.2	20.25	20.16	21
10		1	25	20.05	20.26	19.91	21
10		1	49	20	20.12	19.94	21
10		25	0	19.91	20.09	20.03	21
10		25	12	19.94	20.01	19.89	21
10		25	25	19.87	19.99	20.02	21
10		50	0	19.81	19.98	19.78	21
10	16QAM	1	0	19.85	19.89	20.01	21
10		1	25	19.84	19.9	19.89	21
10		1	49	19.87	19.91	19.88	21
10		25	0	19.93	19.96	19.92	21
10		25	12	20	20.07	20.08	21
10		25	25	20	19.96	19.92	21
10		50	0	20	19.99	20.12	21
10	64QAM	1	0	19.92	20.01	20.03	21
10		1	25	19.99	19.88	20.02	21
10		1	49	19.91	20.24	19.93	21
10		25	0	20.02	20.06	20.04	21
10		25	12	19.94	19.89	19.91	21
10		25	25	19.87	20.19	20.12	21
10		50	0	20	20.08	19.98	21
10	256QAM	1	0	17.69	18.28	18.24	19
10		1	25	17.47	18.23	18.13	19
10		1	49	17.41	18.03	17.97	19
10		25	0	17.3	18.05	17.9	19
10		25	12	17.43	18.1	18.11	19
10		25	25	17.36	18.05	17.85	19
10		50	0	17.34	18.08	17.96	19
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.18	20.17	20.16	21
5		1	12	19.98	20.27	19.97	21
5		1	24	19.98	20.05	20.06	21
5		12	0	20.01	20.05	20.02	21
5		12	7	19.87	19.95	20.03	21
5		12	13	19.9	20.01	20	21
5		25	0	19.85	19.98	19.74	21
5	16QAM	1	0	19.86	19.91	19.95	21
5		1	12	19.93	19.92	19.99	21
5		1	24	19.87	19.92	19.91	21
5		12	0	20.03	19.97	19.9	21
5		12	7	20.01	19.95	19.97	21
5		12	13	20.04	20.01	20.01	21
5		25	0	20	20.12	20.09	21
5	64QAM	1	0	20.01	20.06	19.99	21
5		1	12	20	19.96	20.04	21
5		1	24	20.02	20.15	19.94	21
5		12	0	19.96	19.97	19.96	21
5		12	7	19.95	20.01	19.92	21
5		12	13	19.83	20.17	20.11	21
5		25	0	20.02	20.06	19.99	21
5	256QAM	1	0	17.65	18.3	18.13	19
5		1	12	17.44	18.19	18.06	19
5		1	24	17.39	18.04	17.97	19
5		12	0	17.25	18.05	17.91	19
5		12	7	17.47	18.1	18.08	19
5		12	13	17.42	18.09	17.85	19
5		25	0	17.41	18.08	17.91	19

<LTE Band 66_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.53	17.63	17.57	18.4
20		1	49	17.48	17.58	17.6	18.4
20		1	99	17.55	17.59	17.53	18.4
20		50	0	17.42	17.54	17.38	18.4
20		50	24	17.36	17.36	17.41	18.4
20		50	50	17.38	17.42	17.38	18.4
20		100	0	17.27	17.34	17.22	18.4
20	16QAM	1	0	17.24	17.36	17.46	18.4
20		1	49	17.29	17.38	17.4	18.4
20		1	99	17.3	17.24	17.3	18.4
20		50	0	17.37	17.38	17.3	18.4
20		50	24	17.52	17.4	17.54	18.4
20		50	50	17.5	17.47	17.42	18.4
20		100	0	17.39	17.46	17.5	18.4
20	64QAM	1	0	17.44	17.46	17.47	18.4
20		1	49	17.37	17.47	17.43	18.4
20		1	99	17.46	17.51	17.53	18.4
20		50	0	17.53	17.47	17.43	18.4
20		50	24	17.37	17.45	17.3	18.4
20		50	50	17.42	17.39	17.52	18.4
20		100	0	17.44	17.51	17.47	18.4
20	256QAM	1	0	17.41	17.58	17.5	18.4
20		1	49	17.39	17.62	17.46	18.4
20		1	99	17.57	17.45	17.38	18.4
20		50	0	17.36	17.47	17.46	18.4
20		50	24	17.36	17.43	17.49	18.4
20		50	50	17.36	17.53	17.5	18.4
20		100	0	17.36	17.4	17.48	18.4
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.4	17.51	17.46	18.4
15		1	37	17.38	17.45	17.54	18.4
15		1	74	17.5	17.45	17.48	18.4
15		36	0	17.38	17.51	17.36	18.4
15		36	20	17.21	17.22	17.31	18.4
15		36	39	17.3	17.38	17.25	18.4
15		75	0	17.14	17.31	17.11	18.4
15	16QAM	1	0	17.14	17.25	17.39	18.4
15		1	37	17.24	17.26	17.34	18.4
15		1	74	17.17	17.19	17.26	18.4
15		36	0	17.24	17.28	17.22	18.4
15		36	20	17.4	17.32	17.52	18.4
15		36	39	17.36	17.28	17.28	18.4
15		75	0	17.32	17.31	17.46	18.4
15	64QAM	1	0	17.34	17.35	17.41	18.4
15		1	37	17.24	17.39	17.35	18.4
15		1	74	17.42	17.45	17.38	18.4
15		36	0	17.42	17.38	17.37	18.4
15		36	20	17.31	17.41	17.2	18.4
15		36	39	17.36	17.49	17.5	18.4
15		75	0	17.42	17.4	17.35	18.4
15	256QAM	1	0	17.39	17.45	17.47	18.4
15		1	37	17.28	17.55	17.36	18.4
15		1	74	17.45	17.37	17.28	18.4
15		36	0	17.29	17.32	17.34	18.4
15		36	20	17.32	17.33	17.36	18.4
15		36	39	17.27	17.4	17.48	18.4
15		75	0	17.24	17.34	17.42	18.4
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.51	17.51	17.43	18.4
10		1	25	17.35	17.57	17.51	18.4
10		1	49	17.45	17.57	17.51	18.4
10		25	0	17.39	17.49	17.33	18.4
10		25	12	17.33	17.34	17.28	18.4
10		25	25	17.35	17.31	17.38	18.4
10		50	0	17.18	17.21	17.1	18.4
10	16QAM	1	0	17.22	17.25	17.34	18.4
10		1	25	17.26	17.26	17.29	18.4
10		1	49	17.16	17.14	17.26	18.4
10		25	0	17.23	17.31	17.24	18.4
10		25	12	17.5	17.33	17.41	18.4
10		25	25	17.4	17.37	17.32	18.4
10		50	0	17.29	17.41	17.36	18.4
10	64QAM	1	0	17.29	17.34	17.48	18.4
10		1	25	17.32	17.35	17.28	18.4
10		1	49	17.36	17.35	17.45	18.4
10		25	0	17.48	17.44	17.34	18.4
10		25	12	17.32	17.32	17.27	18.4
10		25	25	17.39	17.51	17.44	18.4
10		50	0	17.31	17.39	17.42	18.4
10	256QAM	1	0	17.34	17.51	17.39	18.4
10		1	25	17.33	17.49	17.35	18.4
10		1	49	17.54	17.34	17.28	18.4
10		25	0	17.32	17.39	17.38	18.4
10		25	12	17.25	17.33	17.47	18.4
10		25	25	17.3	17.45	17.35	18.4
10		50	0	17.32	17.35	17.42	18.4
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.4	17.5	17.51	18.4
5		1	12	17.35	17.47	17.5	18.4
5		1	24	17.53	17.52	17.51	18.4
5		12	0	17.31	17.52	17.32	18.4
5		12	7	17.33	17.23	17.31	18.4
5		12	13	17.28	17.39	17.27	18.4
5		25	0	17.14	17.31	17.1	18.4
5	16QAM	1	0	17.21	17.32	17.37	18.4
5		1	12	17.14	17.29	17.38	18.4
5		1

<LTE Band 38_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.84	18.88	18.83	19.7
20		1	49	18.61	18.76	18.58	19.7
20		1	99	18.63	18.7	18.57	19.7
20		50	0	18.65	18.83	18.74	19.7
20		50	24	18.48	18.66	18.48	19.7
20		50	50	18.57	18.65	18.52	19.7
20		100	0	18.58	18.76	18.57	19.7
20	16QAM	1	0	18.54	18.67	18.55	19.7
20		1	49	18.4	18.5	18.39	19.7
20		1	99	18.33	18.5	18.39	19.7
20		50	0	18.42	18.6	18.45	19.7
20		50	24	18.46	18.58	18.42	19.7
20		50	50	18.63	18.71	18.52	19.7
20		100	0	18.68	18.74	18.61	19.7
20	64QAM	1	0	18.62	18.69	18.55	19.7
20		1	49	18.45	18.58	18.44	19.7
20		1	99	18.64	18.75	18.69	19.7
20		50	0	18.5	18.67	18.6	19.7
20		50	24	18.57	18.65	18.49	19.7
20		50	50	18.56	18.72	18.63	19.7
20		100	0	18.58	18.69	18.51	19.7
20	256QAM	1	0	17.99	18.18	18.03	19.2
20		1	49	18.04	18.22	18.07	19.2
20		1	99	17.89	18.15	18.02	19.2
20		50	0	17.96	18.18	18.07	19.2
20		50	24	17.96	18.16	18.08	19.2
20		50	50	18.05	18.2	18.1	19.2
20		100	0	17.97	18.23	18.09	19.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.8	18.76	18.69	19.7
15		1	37	18.5	18.7	18.51	19.7
15		1	74	18.52	18.56	18.53	19.7
15		36	0	18.52	18.7	18.62	19.7
15		36	20	18.37	18.52	18.4	19.7
15		36	39	18.43	18.54	18.42	19.7
15		75	0	18.47	18.65	18.51	19.7
15	16QAM	1	0	18.44	18.6	18.47	19.7
15		1	37	18.38	18.44	18.31	19.7
15		1	74	18.29	18.4	18.35	19.7
15		36	0	18.3	18.46	18.39	19.7
15		36	20	18.33	18.53	18.4	19.7
15		36	39	18.56	18.7	18.49	19.7
15		75	0	18.62	18.71	18.49	19.7
15	64QAM	1	0	18.56	18.58	18.42	19.7
15		1	37	18.3	18.54	18.33	19.7
15		1	74	18.53	18.71	18.55	19.7
15		36	0	18.4	18.59	18.57	19.7
15		36	20	18.43	18.64	18.43	19.7
15		36	39	18.52	18.69	18.59	19.7
15		75	0	18.54	18.6	18.47	19.7
15	256QAM	1	0	17.93	18.11	17.89	19.2
15		1	37	18	18.2	17.94	19.2
15		1	74	17.84	18.11	18.01	19.2
15		36	0	17.87	18.14	17.93	19.2
15		36	20	17.89	18.09	18.03	19.2
15		36	39	17.94	18.09	18	19.2
15		75	0	17.89	18.13	17.99	19.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.81	18.83	18.69	19.7
10		1	25	18.51	18.66	18.45	19.7
10		1	49	18.57	18.6	18.46	19.7
10		25	0	18.57	18.75	18.7	19.7
10		25	12	18.38	18.52	18.34	19.7
10		25	25	18.48	18.61	18.47	19.7
10		50	0	18.44	18.72	18.49	19.7
10	16QAM	1	0	18.49	18.64	18.42	19.7
10		1	25	18.27	18.38	18.35	19.7
10		1	49	18.2	18.36	18.27	19.7
10		25	0	18.3	18.58	18.41	19.7
10		25	12	18.38	18.46	18.29	19.7
10		25	25	18.6	18.67	18.45	19.7
10		50	0	18.59	18.68	18.59	19.7
10	64QAM	1	0	18.54	18.58	18.4	19.7
10		1	25	18.31	18.51	18.42	19.7
10		1	49	18.5	18.69	18.65	19.7
10		25	0	18.47	18.6	18.53	19.7
10		25	12	18.44	18.53	18.38	19.7
10		25	25	18.47	18.61	18.6	19.7
10		50	0	18.57	18.58	18.44	19.7
10	256QAM	1	0	17.87	18.05	18.02	19.2
10		1	25	17.99	18.15	17.92	19.2
10		1	49	17.81	18.1	17.99	19.2
10		25	0	17.9	18.14	17.96	19.2
10		25	12	17.93	18.08	18.06	19.2
10		25	25	18.03	18.05	18.02	19.2
10		50	0	17.84	18.15	17.96	19.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.75	18.77	18.75	19.7
5		1	12	18.52	18.72	18.55	19.7
5		1	24	18.57	18.57	18.43	19.7
5		12	0	18.63	18.73	18.6	19.7
5		12	7	18.35	18.6	18.36	19.7
5		12	13	18.45	18.51	18.51	19.7
5		25	0	18.48	18.67	18.5	19.7
5	16QAM	1	0	18.47	18.56	18.42	19.7
5		1	12	18.36	18.45	18.37	19.7
5		1	24	18.2	18.49	18.29	19.7
5		12	0	18.29	18.48	18.41	19.7
5		12	7	18.43	18.46	18.41	19.7
5		12	13	18.61	18.59	18.37	19.7
5		25	0	18.57	18.65	18.5	19.7
5	64QAM	1	0	18.5	18.55	18.44	19.7
5		1	12	18.42	18.51	18.41	19.7
5		1	24	18.57	18.69	18.55	19.7
5		12	0	18.43	18.6	18.45	19.7
5		12	7	18.48	18.57	18.43	19.7
5		12	13	18.49	18.63	18.49	19.7
5		25	0	18.43	18.66	18.44	19.7
5	256QAM	1	0	17.91	18.09	17.97	19.2
5		1	12	17.93	18.11	18	19.2
5		1	24	17.85	18.14	17.96	19.2
5		12	0	17.9	18.08	18.05	19.2
5		12	7	17.89	18.02	18.06	19.2
5		12	13	17.9	18.14	18.05	19.2
5		25	0	17.86	18.13	18.08	19.2

<LTE Band 41_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.76	17.79	17.85	17.78	17.71	18.7
20		1	49	17.64	17.63	17.76	17.67	17.52	18.7
20		1	99	17.49	17.52	17.71	17.59	17.46	18.7
20		50	0	17.62	17.65	17.81	17.71	17.66	18.7
20		50	24	17.51	17.54	17.66	17.46	17.46	18.7
20		50	50	17.34	17.44	17.55	17.36	17.29	18.7
20		100	0	17.58	17.52	17.68	17.58	17.53	18.7
20	16QAM	1	0	17.42	17.51	17.6	17.52	17.33	18.7
20		1	49	17.32	17.32	17.52	17.44	17.3	18.7
20		1	99	17.32	17.44	17.53	17.35	17.36	18.7
20		50	0	17.43	17.43	17.54	17.43	17.27	18.7
20		50	24	17.43	17.39	17.58	17.46	17.3	18.7
20		50	50	17.47	17.5	17.58	17.37	17.33	18.7
20		100	0	17.56	17.67	17.77	17.64	17.62	18.7
20	64QAM	1	0	17.4	17.39	17.57	17.43	17.35	18.7
20		1	49	17.39	17.44	17.55	17.45	17.37	18.7
20		1	99	17.58	17.58	17.76	17.62	17.52	18.7
20		50	0	17.64	17.63	17.75	17.63	17.59	18.7
20		50	24	17.52	17.49	17.67	17.55	17.4	18.7
20		50	50	17.56	17.54	17.7	17.57	17.48	18.7
20		100	0	17.44	17.57	17.67	17.48	17.46	18.7
20	256QAM	1	0	16.27	16.9	17.06	16.89	16.8	18.2
20		1	49	16.47	17.06	17.21	17.12	16.9	18.2
20		1	99	16.46	17.02	17.18	17.05	16.92	18.2
20		50	0	16.54	17.14	17.24	17.14	17.03	18.2
20		50	24	16.64	17.12	17.34	17.29	17.03	18.2
20		50	50	16.53	17.16	17.3	17.19	16.97	18.2
20		100	0	16.55	17.09	17.32	17.26	17.03	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.62	17.72	17.73	17.68	17.63	18.7
15		1	37	17.51	17.55	17.69	17.57	17.4	18.7
15		1	74	17.35	17.39	17.67	17.49	17.33	18.7
15		36	0	17.51	17.62	17.77	17.6	17.58	18.7
15		36	20	17.39	17.47	17.64	17.32	17.4	18.7
15		36	39	17.23	17.35	17.42	17.33	17.24	18.7
15		75	0	17.53	17.42	17.61	17.55	17.45	18.7
15	16QAM	1	0	17.4	17.42	17.52	17.38	17.25	18.7
15		1	37	17.21	17.19	17.39	17.32	17.26	18.7
15		1	74	17.24	17.29	17.42	17.31	17.28	18.7
15		36	0	17.39	17.36	17.5	17.42	17.17	18.7
15		36	20	17.3	17.33	17.54	17.31	17.28	18.7
15		36	39	17.42	17.47	17.47	17.24	17.27	18.7
15		75	0	17.42	17.59	17.7	17.58	17.51	18.7
15	64QAM	1	0	17.36	17.32	17.48	17.41	17.21	18.7
15		1	37	17.33	17.32	17.44	17.37	17.29	18.7
15		1	74	17.52	17.47	17.68	17.6	17.42	18.7
15		36	0	17.52	17.48	17.68	17.53	17.49	18.7
15		36	20	17.38	17.43	17.62	17.48	17.28	18.7
15		36	39	17.44	17.53	17.64	17.46	17.44	18.7
15		75	0	17.41	17.55	17.64	17.42	17.44	18.7
15	256QAM	1	0	16.25	16.84	17	16.76	16.7	18.2
15		1	37	16.41	16.96	17.07	17	16.79	18.2
15		1	74	16.36	16.98	17.14	16.93	16.85	18.2
15		36	0	16.44	17.04	17.17	17.09	16.95	18.2
15		36	20	16.61	17.01	17.26	17.27	16.99	18.2
15		36	39	16.48	17.13	17.27	17.15	16.85	18.2
15		75	0	16.51	17.02	17.2	17.19	16.93	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.71	17.74	17.74	17.75	17.62	18.7
10		1	25	17.54	17.51	17.66	17.62	17.42	18.7
10		1	49	17.45	17.47	17.63	17.5	17.36	18.7
10		25	0	17.56	17.52	17.74	17.66	17.53	18.7
10		25	12	17.45	17.4	17.54	17.32	17.41	18.7
10		25	25	17.3	17.39	17.5	17.31	17.23	18.7
10		50	0	17.44	17.41	17.63	17.45	17.47	18.7
10	16QAM	1	0	17.29	17.47	17.48	17.39	17.21	18.7
10		1	25	17.27	17.26	17.42	17.43	17.21	18.7
10		1	49	17.23	17.37	17.51	17.26	17.3	18.7
10		25	0	17.41	17.35	17.46	17.36	17.25	18.7
10		25	12	17.31	17.3	17.5	17.32	17.25	18.7
10		25	25	17.46	17.48	17.54	17.3	17.18	18.7
10		50	0	17.46	17.57	17.73	17.59	17.57	18.7
10	64QAM	1	0	17.33	17.27	17.5	17.42	17.29	18.7
10		1	25	17.35	17.36	17.49	17.32	17.34	18.7
10		1	49	17.49	17.49	17.66	17.47	17.44	18.7
10		25	0	17.53	17.49	17.61	17.56	17.54	18.7
10		25	12	17.38	17.38	17.53	17.53	17.26	18.7
10		25	25	17.42	17.51	17.64	17.44	17.34	18.7
10		50	0	17.32	17.51	17.56	17.35	17.33	18.7
10	256QAM	1	0	16.24	16.83	16.96	16.75	16.69	18.2
10		1	25	16.46	17.03	17.1	17.08	16.78	18.2
10		1	49	16.34	17	17.08	16.98	16.81	18.2
10		25	0	16.43	17.08	17.09	17.08	17.02	18.2
10		25	12	16.56	17.04	17.31	17.22	17.02	18.2
10		25	25	16.4	17.1	17.22	17.12	16.92	18.2
10		50	0	16.47	17.08	17.2	17.23	16.91	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.73	17.7	17.81	17.64	17.63	18.7
5		1	12	17.51	17.6	17.62	17.6	17.38	18.7
5		1	24	17.44	17.37	17.56	17.46	17.38	18.7
5		12	0	17.57	17.53	17.8	17.56	17.59	18.7
5		12	7	17.47	17.46	17.54	17.39	17.43	18.7
5		12	13	17.27	17.33	17.47	17.27	17.2	18.7
5		25	0	17.44	17.48	17.55	17.52	17.44	18.7
5	16QAM	1	0	17.32	17.41	17.49	17.44	17.29	18.7
5		1	12	17.27	17.18	17.4	17.42	17.16	18.7
5		1	24	17.26	17.36	17.49	17.23	17.29	18.7
5		12	0	17.37	17.39	17.52	17.38	17.18	18.7
5		12	7	17.33	17.28	17.44	17.35	17.2	18.7
5		12	13	17.44	17.37	17.44	17.3	17.27	18.7
5		25	0	17.43	17.54	17.74	17.58	17.57	18.7
5	64QAM	1	0	17.35	17.35	17.45	17.4	17.26	18.7
5		1	12	17.3	17.4	17.45	17.31	17.31	18.7
5		1	24	17.53	17.48	17.73	17.47	17.45	18.7
5		12	0	17.51	17.52	17.61	17.55	17.56	18.7
5		12	7	17.43	17.47	17.61	17.47	17.38	18.7
5		12	13	17.5	17.45	17.67	17.49	17.37	18.7
5		25	0	17.3	17.46	17.66	17.36	17.35	18.7
5	256QAM	1	0	16.14	16.77	16.91	16.84	16.71	18.2
5		1	12	16.39	17.05	17.11	17	16.79	18.2
5		1	24	16.32	16.94	17.09	16.93	16.82	18.2
5		12	0	16.53	16.99	17.21	17.07	16.99	18.2
5		12	7	16.62	17.04	17.26	17.2	16.97	18.2
5		12	13	16.43	17.05	17.28	17.09	16.83	18.2
5		25	0	16.49	17.06	17.19	17.22	16.96	18.2

<LTE Band 42 (27Q)_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.52	20.55	20.53	21.8
20		1	49	20.4	20.53	20.44	21.8
20		1	99	20.43	20.47	20.31	21.8
20		50	0	19.57	19.7	19.66	20.8
20		50	24	19.52	19.67	19.55	20.8
20		50	50	19.51	19.68	19.55	20.8
20		100	0	19.5	19.65	19.61	20.8
20	16QAM	1	0	19.7	19.87	19.79	20.8
20		1	49	19.87	19.96	19.83	20.8
20		1	99	19.65	19.78	19.74	20.8
20		50	0	18.5	18.67	18.56	19.8
20		50	24	18.57	18.7	18.64	19.8
20		50	50	18.62	18.68	18.53	19.8
20		100	0	18.63	18.67	18.59	19.8
20	64QAM	1	0	18.81	18.91	18.87	19.8
20		1	49	18.74	18.88	18.79	19.8
20		1	99	18.73	18.9	18.73	19.8
20		50	0	17.63	17.69	17.58	18.8
20		50	24	17.65	17.77	17.72	18.8
20		50	50	17.67	17.73	17.7	18.8
20		100	0	17.68	17.73	17.58	18.8
20	256QAM	1	0	15.66	15.75	15.65	16.8
20		1	49	15.6	15.71	15.55	16.8
20		1	99	15.71	15.85	15.81	16.8
20		50	0	15.71	15.8	15.76	16.8
20		50	24	15.58	15.73	15.63	16.8
20		50	50	15.59	15.72	15.64	16.8
20		100	0	15.62	15.75	15.67	16.8
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.39	20.53	20.44	21.8
15		1	37	20.26	20.44	20.42	21.8
15		1	74	20.29	20.45	20.17	21.8
15		36	0	19.44	19.69	19.55	20.8
15		36	20	19.41	19.64	19.43	20.8
15		36	39	19.41	19.59	19.43	20.8
15		75	0	19.38	19.57	19.51	20.8
15	16QAM	1	0	19.59	19.75	19.78	20.8
15		1	37	19.76	19.89	19.82	20.8
15		1	74	19.52	19.69	19.72	20.8
15		36	0	18.43	18.57	18.49	19.8
15		36	20	18.45	18.57	18.52	19.8
15		36	39	18.54	18.59	18.49	19.8
15		75	0	18.54	18.66	18.56	19.8
15	64QAM	1	0	18.67	18.84	18.81	19.8
15		1	37	18.62	18.82	18.77	19.8
15		1	74	18.64	18.76	18.64	19.8
15		36	0	17.51	17.65	17.44	18.8
15		36	20	17.54	17.66	17.59	18.8
15		36	39	17.6	17.69	17.62	18.8
15		75	0	17.58	17.7	17.51	18.8
15	256QAM	1	0	15.63	15.62	15.57	16.8
15		1	37	15.46	15.64	15.4	16.8
15		1	74	15.7	15.7	15.73	16.8
15		36	0	15.69	15.77	15.62	16.8
15		36	20	15.45	15.62	15.55	16.8
15		36	39	15.49	15.6	15.62	16.8
15		75	0	15.55	15.69	15.58	16.8
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.44	20.47	20.45	21.8
10		1	25	20.26	20.43	20.34	21.8
10		1	49	20.28	20.33	20.22	21.8
10		25	0	19.45	19.69	19.54	20.8
10		25	12	19.51	19.57	19.45	20.8
10		25	25	19.5	19.64	19.53	20.8
10		50	0	19.39	19.64	19.51	20.8
10	16QAM	1	0	19.63	19.84	19.69	20.8
10		1	25	19.82	19.94	19.73	20.8
10		1	49	19.56	19.69	19.69	20.8
10		25	0	18.45	18.62	18.46	19.8
10		25	12	18.43	18.59	18.55	19.8
10		25	25	18.6	18.59	18.42	19.8
10		50	0	18.61	18.63	18.45	19.8
10	64QAM	1	0	18.8	18.88	18.78	19.8
10		1	25	18.69	18.81	18.78	19.8
10		1	49	18.71	18.77	18.66	19.8
10		25	0	17.52	17.56	17.54	18.8
10		25	12	17.63	17.66	17.58	18.8
10		25	25	17.63	17.63	17.6	18.8
10		50	0	17.6	17.6	17.44	18.8
10	256QAM	1	0	15.64	15.71	15.53	16.8
10		1	25	15.56	15.66	15.52	16.8
10		1	49	15.69	15.84	15.75	16.8
10		25	0	15.68	15.66	15.7	16.8
10		25	12	15.52	15.68	15.61	16.8
10		25	25	15.55	15.67	15.51	16.8
10		50	0	15.5	15.65	15.63	16.8
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.44	20.48	20.39	21.8
5		1	12	20.38	20.5	20.3	21.8
5		1	24	20.41	20.34	20.18	21.8
5		12	0	19.47	19.6	19.58	20.8
5		12	7	19.38	19.58	19.44	20.8
5		12	13	19.37	19.57	19.52	20.8
5		25	0	19.39	19.53	19.55	20.8
5	16QAM	1	0	19.58	19.82	19.7	20.8
5		1	12	19.81	19.87	19.74	20.8
5		1	24	19.59	19.66	19.68	20.8
5		12	0	18.48	18.53	18.52	19.8
5		12	7	18.55	18.56	18.56	19.8
5		12	13	18.55	18.55	18.42	19.8
5		25	0	18.56	18.53	18.57	19.8
5	64QAM	1	0	18.67	18.86	18.84	19.8
5		1	12	18.63	18.82	18.67	19.8
5		1	24	18.64	18.79	18.66	19.8
5		12	0	17.53	17.55	17.47	18.8
5		12	7	17.64	17.64	17.71	18.8
5		12	13	17.53	17.62	17.67	18.8
5		25	0	17.59	17.6	17.49	18.8
5	256QAM	1	0	15.55	15.67	15.51	16.8
5		1	12	15.58	15.6	15.5	16.8
5		1	24	15.58	15.82	15.8	16.8
5		12	0	15.67	15.67	15.75	16.8
5		12	7	15.44	15.65	15.53	16.8
5		12	13	15.55	15.58	15.56	16.8
5		25	0	15.55	15.66	15.57	16.8

<LTE Band 48_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.61	18.85	18.96	18.83	18.55	19.9
20		1	49	18.53	18.65	18.9	18.67	18.42	19.9
20		1	99	18.38	18.61	18.83	18.67	18.34	19.9
20		50	0	17.75	17.99	18.12	17.93	17.65	18.9
20		50	24	17.63	17.89	18.09	17.83	17.63	18.9
20		50	50	17.61	17.83	18.03	17.77	17.52	18.9
20		100	0	17.63	17.79	18.04	17.78	17.55	18.9
20	16QAM	1	0	17.96	18.15	18.36	18.11	17.91	18.9
20		1	49	17.96	18.21	18.41	18.18	17.88	18.9
20		1	99	17.94	18.21	18.35	18.1	17.91	18.9
20		50	0	16.76	16.94	17.11	16.9	16.62	17.9
20		50	24	16.79	16.96	17.14	16.96	16.73	17.9
20		50	50	16.63	16.87	17.06	16.87	16.57	17.9
20		100	0	16.69	16.93	17.04	16.89	16.59	17.9
20	64QAM	1	0	16.78	16.97	17.14	16.88	16.68	17.9
20		1	49	16.95	17.11	17.29	17.15	16.81	17.9
20		1	99	16.86	17.11	17.24	17.04	16.85	17.9
20		50	0	15.75	15.89	16.07	15.92	15.6	16.9
20		50	24	15.69	15.91	16.1	15.88	15.67	16.9
20		50	50	15.69	15.88	16.02	15.81	15.63	16.9
20		100	0	15.74	16.02	16.14	15.89	15.71	16.9
20	256QAM	1	0	13.78	14	14.1	13.93	13.66	14.9
20		1	49	13.76	13.96	14.09	13.88	13.7	14.9
20		1	99	13.78	13.99	14.11	13.88	13.74	14.9
20		50	0	13.77	14.05	14.17	13.98	13.79	14.9
20		50	24	13.82	14.06	14.15	13.95	13.7	14.9
20		50	50	13.85	13.97	14.17	14.01	13.85	14.9
20		100	0	13.79	14.08	14.18	13.96	13.83	14.9
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.56	18.82	18.81	18.73	18.49	19.9
15		1	37	18.42	18.62	18.81	18.59	18.4	19.9
15		1	74	18.36	18.47	18.82	18.55	18.3	19.9
15		36	0	17.65	17.91	18.01	17.88	17.6	18.9
15		36	20	17.56	17.82	18.03	17.71	17.56	18.9
15		36	39	17.48	17.8	17.92	17.63	17.45	18.9
15		75	0	17.5	17.75	17.93	17.64	17.49	18.9
15	16QAM	1	0	17.89	18.11	18.24	18	17.87	18.9
15		1	37	17.84	18.12	18.36	18.11	17.84	18.9
15		1	74	17.92	18.15	18.33	17.99	17.85	18.9
15		36	0	16.74	16.92	17.02	16.8	16.54	17.9
15		36	20	16.66	16.82	17.1	16.85	16.65	17.9
15		36	39	16.6	16.72	17	16.73	16.54	17.9
15		75	0	16.55	16.84	17.02	16.78	16.57	17.9
15	64QAM	1	0	16.69	16.83	16.99	16.79	16.59	17.9
15		1	37	16.92	17.05	17.24	17.1	16.73	17.9
15		1	74	16.74	17.04	17.21	16.97	16.76	17.9
15		36	0	15.62	15.81	16.03	15.77	15.5	16.9
15		36	20	15.55	15.83	16.05	15.82	15.52	16.9
15		36	39	15.6	15.82	15.95	15.67	15.49	16.9
15		75	0	15.7	15.89	16	15.75	15.64	16.9
15	256QAM	1	0	13.67	13.89	13.98	13.87	13.53	14.9
15		1	37	13.69	13.88	14	13.75	13.58	14.9
15		1	74	13.69	13.98	14.05	13.74	13.71	14.9
15		36	0	13.72	14.04	14.05	13.88	13.67	14.9
15		36	20	13.73	14	14.06	13.89	13.59	14.9
15		36	39	13.76	13.91	14.16	13.98	13.8	14.9
15		75	0	13.71	14.03	14.08	13.91	13.77	14.9
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.54	18.73	18.92	18.69	18.47	19.9
10		1	25	18.45	18.53	18.82	18.58	18.29	19.9
10		1	49	18.29	18.49	18.7	18.59	18.29	19.9
10		25	0	17.68	17.93	18.02	17.89	17.52	18.9
10		25	12	17.6	17.86	18.02	17.73	17.53	18.9
10		25	25	17.51	17.8	18	17.75	17.4	18.9
10		50	0	17.61	17.71	17.99	17.74	17.44	18.9
10	16QAM	1	0	17.87	18.06	18.25	18.09	17.9	18.9
10		1	25	17.84	18.16	18.37	18.03	17.8	18.9
10		1	49	17.91	18.09	18.21	17.95	17.87	18.9
10		25	0	16.63	16.81	17.04	16.8	16.51	17.9
10		25	12	16.67	16.86	17.1	16.92	16.59	17.9
10		25	25	16.55	16.85	16.97	16.83	16.49	17.9
10		50	0	16.61	16.8	16.98	16.83	16.52	17.9
10	64QAM	1	0	16.76	16.9	17.01	16.85	16.53	17.9
10		1	25	16.88	17.09	17.21	17.07	16.72	17.9
10		1	49	16.85	17.06	17.18	16.91	16.78	17.9
10		25	0	15.69	15.75	16.04	15.8	15.49	16.9
10		25	12	15.61	15.86	16.06	15.82	15.57	16.9
10		25	25	15.6	15.75	15.93	15.78	15.57	16.9
10		50	0	15.72	15.9	16.11	15.78	15.6	16.9
10	256QAM	1	0	13.67	13.88	14.08	13.91	13.64	14.9
10		1	25	13.62	13.83	13.95	13.86	13.61	14.9
10		1	49	13.75	13.98	14.01	13.78	13.63	14.9
10		25	0	13.74	13.93	14.05	13.87	13.68	14.9
10		25	12	13.8	14.04	14.07	13.81	13.56	14.9
10		25	25	13.71	13.94	14.08	13.91	13.78	14.9
10		50	0	13.72	14.03	14.17	13.83	13.8	14.9
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.49	18.74	18.92	18.74	18.53	19.9
5		1	12	18.45	18.51	18.75	18.64	18.31	19.9
5		1	24	18.3	18.56	18.69	18.6	18.26	19.9
5		12	0	17.65	17.94	18.09	17.87	17.51	18.9
5		12	7	17.55	17.77	17.97	17.77	17.5	18.9
5		12	13	17.59	17.78	17.97	17.67	17.44	18.9
5		25	0	17.55	17.73	17.91	17.76	17.43	18.9
5	16QAM	1	0	17.92	18.03	18.26	18.07	17.78	18.9
5		1	12	17.92	18.12	18.33	18.07	17.76	18.9
5		1	24	17.91	18.09	18.21	17.96	17.87	18.9
5		12	0	16.66	16.85	17.07	16.83	16.59	17.9
5		12	7	16.68	16.92	17.07	16.91	16.66	17.9
5		12	13	16.52	16.76	17.02	16.79	16.54	17.9
5		25	0	16.58	16.86	16.92	16.84	16.54	17.9
5	64QAM	1	0	16.7	16.95	17.1	16.86	16.66	17.9
5		1	12	16.85	16.98	17.18	17.07	16.7	17.9
5		1	24	16.75	17.04	17.09	16.94	16.8	17.9
5		12	0	15.69	15.85	15.93	15.81	15.57	16.9
5		12	7	15.67	15.83	15.96	15.81	15.62	16.9
5		12	13	15.58	15.83	15.88	15.78	15.49	16.9
5		25	0	15.6	15.93	16.08	15.83	15.61	16.9
5	256QAM	1	0	13.72	13.94	14.05	13.84	13.52	14.9
5		1	12	13.66	13.85	14.03	13.85	13.57	14.9
5		1	24	13.74	13.88	14.01	13.83	13.61	14.9
5		12	0	13.64	14.04	14.1	13.9	13.74	14.9
5		12	7	13.8	14.03	14.08	13.91	13.55	14.9
5		12	13	13.77	13.86	14.04	13.88	13.79	14.9
5		25	0	13.65	13.96	14.16	13.89	13.8	14.9

<LTE Band 5_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.55	25.10	24.66	25.7
10		1	25	24.53	25.04	24.66	25.7
10		1	49	24.58	24.81	24.52	25.7
10		25	0	23.59	23.94	23.56	24.7
10		25	12	23.36	23.92	23.34	24.7
10		25	25	23.35	23.86	23.5	24.7
10		50	0	23.44	23.71	23.41	24.7
10	16QAM	1	0	23.02	24.15	23.8	24.7
10		1	25	23.77	24.01	23.69	24.7
10		1	49	23.81	24.05	23.7	24.7
10		25	0	22.66	22.97	22.7	23.7
10		25	12	22.6	22.98	22.72	23.7
10		25	25	22.64	22.86	22.5	23.7
10		50	0	22.73	22.9	22.63	23.7
10	64QAM	1	0	24.02	24.23	23.95	24.7
10		1	25	23.99	24.24	23.91	24.7
10		1	49	23.75	24.06	23.89	24.7
10		25	0	22.64	22.87	22.62	23.7
10		25	12	22.48	22.7	22.35	23.7
10		25	25	22.64	22.83	22.46	23.7
10		50	0	22.45	22.75	22.37	23.7
10	256QAM	1	0	19.79	19.96	19.71	20.7
10		1	25	19.76	19.92	19.57	20.7
10		1	49	19.67	19.84	19.53	20.7
10		25	0	19.72	19.87	19.58	20.7
10		25	12	19.7	19.86	19.52	20.7
10		25	25	19.68	19.83	19.51	20.7
10		50	0	19.76	19.91	19.58	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.65	24.89	24.76	25.7
5		1	12	24.78	24.99	24.58	25.7
5		1	24	24.52	24.78	24.41	25.7
5		12	0	23.48	23.74	23.46	24.7
5		12	7	23.31	23.55	23.31	24.7
5		12	13	23.64	23.72	23.39	24.7
5		25	0	23.4	23.64	23.39	24.7
5	16QAM	1	0	23.81	24.12	23.77	24.7
5		1	12	23.74	23.88	23.58	24.7
5		1	24	23.68	23.93	23.61	24.7
5		12	0	22.6	22.95	22.61	23.7
5		12	7	22.71	22.91	22.58	23.7
5		12	13	22.59	22.86	22.36	23.7
5		25	0	22.66	22.75	22.55	23.7
5	64QAM	1	0	23.95	24.15	23.87	24.7
5		1	12	23.85	24.15	23.76	24.7
5		1	24	23.61	24.04	23.61	24.7
5		12	0	22.55	22.79	22.6	23.7
5		12	7	22.41	22.69	22.3	23.7
5		12	13	22.54	22.71	22.45	23.7
5		25	0	22.37	22.73	22.31	23.7
5	256QAM	1	0	19.73	19.92	19.58	20.7
5		1	12	19.7	19.83	19.46	20.7
5		1	24	19.52	19.73	19.5	20.7
5		12	0	19.67	19.77	19.55	20.7
5		12	7	19.68	19.72	19.45	20.7
5		12	13	19.55	19.79	19.43	20.7
5		25	0	19.69	19.84	19.46	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.91	25.08	24.75	25.7
3		1	8	24.79	24.93	24.52	25.7
3		1	14	24.56	24.72	24.42	25.7
3		8	0	23.45	23.74	23.46	24.7
3		8	4	23.31	23.52	23.31	24.7
3		8	7	23.53	23.75	23.4	24.7
3		15	0	23.32	23.59	23.38	24.7
3	16QAM	1	0	23.78	24.07	23.72	24.7
3		1	8	23.63	23.92	23.57	24.7
3		1	14	23.67	23.94	23.57	24.7
3		8	0	22.57	22.84	22.6	23.7
3		8	4	22.73	22.85	22.59	23.7
3		8	7	22.52	22.83	22.36	23.7
3		15	0	22.66	22.76	22.53	23.7
3	64QAM	1	0	24	24.12	23.94	24.7
3		1	8	23.87	24.19	23.78	24.7
3		1	14	23.73	23.96	23.66	24.7
3		8	0	22.52	22.76	22.58	23.7
3		8	4	22.38	22.55	22.33	23.7
3		8	7	22.62	22.79	22.31	23.7
3		15	0	22.44	22.62	22.33	23.7
3	256QAM	1	0	19.71	19.86	19.58	20.7
3		1	8	19.7	19.87	19.45	20.7
3		1	14	19.61	19.78	19.49	20.7
3		8	0	19.58	19.84	19.55	20.7
3		8	4	19.66	19.81	19.41	20.7
3		8	7	19.63	19.77	19.39	20.7
3		15	0	19.63	19.82	19.57	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.62	25.02	24.76	25.7
1.4		1	3	24.7	24.92	24.52	25.7
1.4		1	5	24.46	24.74	24.45	25.7
1.4		3	0	24.47	24.71	24.41	25.7
1.4		3	1	24.31	24.54	24.32	25.7
1.4		3	3	24.61	24.8	24.44	25.7
1.4		6	0	23.38	23.69	23.32	24.7
1.4	16QAM	1	0	23.85	24.01	23.77	24.7
1.4		1	3	23.72	23.99	23.67	24.7
1.4		1	5	23.75	24.02	23.58	24.7
1.4		3	0	23.61	23.89	23.65	24.7
1.4		3	1	23.66	23.97	23.67	24.7
1.4		3	3	23.53	23.73	23.36	24.7
1.4		6	0	22.64	22.8	22.56	23.7
1.4	64QAM	1	0	23.91	23.77	23.94	23.7
1.4		1	3	22.85	23.19	22.86	23.7
1.4		1	5	22.61	22.91	22.64	23.7
1.4		3	0	22.48	22.85	22.48	23.7
1.4		3	1	22.37	22.58	22.33	23.7
1.4		3	3	22.54	22.76	22.32	23.7
1.4		6	0	21.38	21.73	21.35	22.7
1.4	256QAM	1	0	19.76	19.89	19.66	20.7
1.4		1	3	19.66	19.82	19.44	20.7
1.4		1	5	19.55	19.72	19.45	20.7
1.4		3	0	19.69	19.85	19.58	20.7
1.4		3	1	19.6	19.84	19.4	20.7
1.4		3	3	19.62	19.76	19.37	20.7
1.4		6	0	19.62	19.87	19.51	20.7

<LTE Band 12_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	24.65	24.93	24.69	25.7
10		1	25	24.56	24.75	24.61	25.7
10		1	49	24.6	24.79	24.67	25.7
10		25	0	23.7	23.95	23.73	24.7
10		25	12	23.69	23.91	23.65	24.7
10		25	25	23.63	23.83	23.76	24.7
10		50	0	23.66	23.82	23.74	24.7
10	16QAM	1	0	23.79	23.98	23.85	24.7
10		1	25	23.97	24.1	23.92	24.7
10		1	49	23.88	24.06	23.96	24.7
10		25	0	22.75	22.91	22.83	23.7
10		25	12	22.71	22.91	22.84	23.7
10		25	25	22.67	22.83	22.69	23.7
10		50	0	22.79	22.88	22.72	23.7
10	64QAM	1	0	22.9	23	22.82	23.7
10		1	25	23.01	23.1	22.88	23.7
10		1	49	22.89	23.04	22.89	23.7
10		25	0	21.72	21.86	21.8	22.7
10		25	12	21.68	21.82	21.71	22.7
10		25	25	21.74	21.93	21.8	22.7
10		50	0	21.64	21.84	21.66	22.7
10	256QAM	1	0	19.47	19.68	19.61	20.7
10		1	25	19.66	19.75	19.67	20.7
10		1	49	19.61	19.68	19.53	20.7
10		25	0	19.7	19.81	19.64	20.7
10		25	12	19.7	19.86	19.79	20.7
10		25	25	19.55	19.66	19.51	20.7
10		50	0	19.61	19.71	19.53	20.7
Channel				23030	23095	23151	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	710.3	
5	QPSK	1	0	24.71	24.91	24.8	25.7
5		1	12	24.41	24.73	24.56	25.7
5		1	24	24.51	24.72	24.54	25.7
5		12	0	23.66	23.77	23.65	24.7
5		12	7	23.56	23.72	23.7	24.7
5		12	13	23.58	23.75	23.69	24.7
5		25	0	23.57	23.64	23.73	24.7
5	16QAM	1	0	23.67	23.87	23.74	24.7
5		1	12	23.67	24.01	23.62	24.7
5		1	24	23.65	24	23.63	24.7
5		12	0	22.65	22.78	22.8	23.7
5		12	7	22.59	22.89	22.8	23.7
5		12	13	22.53	22.75	22.58	23.7
5		25	0	22.7	22.83	22.61	23.7
5	64QAM	1	0	22.77	22.94	22.71	23.7
5		1	12	22.93	22.98	22.88	23.7
5		1	24	22.75	22.94	22.8	23.7
5		12	0	21.6	21.77	21.73	22.7
5		12	7	21.63	21.77	21.61	22.7
5		12	13	21.61	21.79	21.74	22.7
5		25	0	21.62	21.82	21.65	22.7
5	256QAM	1	0	19.42	19.62	19.47	20.7
5		1	12	19.63	19.72	19.59	20.7
5		1	24	19.58	19.54	19.4	20.7
5		12	0	19.63	19.71	19.61	20.7
5		12	7	19.67	19.73	19.67	20.7
5		12	13	19.42	19.59	19.42	20.7
5		25	0	19.44	19.57	19.5	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.75	24.83	24.77	25.7
3		1	8	24.47	24.73	24.52	25.7
3		1	14	24.5	24.69	24.53	25.7
3		8	0	23.65	23.83	23.62	24.7
3		8	4	23.57	23.64	23.67	24.7
3		8	7	23.48	23.68	23.71	24.7
3		15	0	23.55	23.79	23.68	24.7
3	16QAM	1	0	23.7	23.94	23.73	24.7
3		1	8	23.53	23.98	23.66	24.7
3		1	14	23.66	23.93	23.91	24.7
3		8	0	22.61	22.78	22.76	23.7
3		8	4	22.64	22.82	22.79	23.7
3		8	7	22.65	22.69	22.55	23.7
3		15	0	22.74	22.75	22.68	23.7
3	64QAM	1	0	22.85	22.96	22.77	23.7
3		1	8	22.96	23.02	22.96	23.7
3		1	14	22.8	22.95	22.78	23.7
3		8	0	21.73	21.75	21.76	22.7
3		8	4	21.6	21.71	21.59	22.7
3		8	7	21.65	21.86	21.68	22.7
3		15	0	21.63	21.73	21.61	22.7
3	256QAM	1	0	19.37	19.56	19.58	20.7
3		1	8	19.58	19.67	19.53	20.7
3		1	14	19.57	19.64	19.47	20.7
3		8	0	19.63	19.66	19.58	20.7
3		8	4	19.67	19.72	19.7	20.7
3		8	7	19.44	19.52	19.41	20.7
3		15	0	19.49	19.66	19.47	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.81	24.85	24.8	25.7
1.4		1	3	24.5	24.67	24.57	25.7
1.4		1	5	24.52	24.69	24.61	25.7
1.4		3	0	24.61	24.82	24.58	25.7
1.4		3	1	24.63	24.67	24.59	25.7
1.4		3	3	24.48	24.74	24.63	25.7
1.4		6	0	23.63	23.84	23.66	24.7
1.4	16QAM	1	0	23.66	23.87	23.81	24.7
1.4		1	3	23.67	24.02	23.79	24.7
1.4		1	5	23.76	24.03	23.84	24.7
1.4		3	0	23.64	23.88	23.79	24.7
1.4		3	1	23.65	23.86	23.7	24.7
1.4		3	3	23.59	23.77	23.58	24.7
1.4		6	0	22.75	22.79	22.7	23.7
1.4	64QAM	1	0	22.83	23.07	22.66	23.7
1.4		1	3	22.89	23.02	22.89	23.7
1.4		1	5	22.77	23.02	22.78	23.7
1.4		3	0	22.66	23.02	22.73	23.7
1.4		3	1	22.64	22.76	22.57	23.7
1.4		3	3	22.65	22.79	22.76	23.7
1.4		6	0	21.58	21.71	21.58	22.7
1.4	256QAM	1	0	19.72	19.62	19.59	20.7
1.4		1	3	19.63	19.72	19.58	20.7
1.4		1	5	19.47	19.55	19.46	20.7
1.4		3	0	19.59	19.7	19.62	20.7
1.4		3	1	19.69	19.76	19.78	20.7
1.4		3	3	19.49	19.6	19.43	20.7
1.4		6	0	19.42	19.58	19.44	20.7

<LTE Band 13_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.7
10		1	25		24.96		25.7
10		1	49		24.98		25.7
10		25	0		24.12		24.7
10		25	12		24.1		24.7
10		25	25		23.98		24.7
10		50	0		23.98		24.7
10	16QAM	1	0		23.99		24.7
10		1	25		24.04		24.7
10		1	49		24.13		24.7
10		25	0		23.01		23.7
10		25	12		23.06		23.7
10		25	25		23.06		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.05		23.7
10		1	25		23.06		23.7
10		1	49		23.09		23.7
10		25	0		21.98		22.7
10		25	12		22.17		22.7
10		25	25		22.01		22.7
10		50	0		22.08		22.7
10	256QAM	1	0		19.95		20.7
10		1	25		19.93		20.7
10		1	49		19.95		20.7
10		25	0		20.04		20.7
10		25	12		20.14		20.7
10		25	25		20.16		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.87	24.88	24.81	25.7
5		1	12	24.68	24.82	24.72	25.7
5		1	24	24.74	24.9	24.81	25.7
5		12	0	23.69	23.77	23.56	24.7
5		12	7	23.66	24.02	23.84	24.7
5		12	13	23.77	23.91	23.78	24.7
5		25	0	23.72	23.76	23.52	24.7
5	16QAM	1	0	23.65	23.87	23.68	24.7
5		1	12	23.68	23.92	23.78	24.7
5		1	24	23.67	24.09	23.98	24.7
5		12	0	22.78	22.88	22.77	23.7
5		12	7	23.02	23.06	22.93	23.7
5		12	13	23.07	22.99	22.9	23.7
5		25	0	22.77	22.88	22.7	23.7
5	64QAM	1	0	22.71	22.82	22.75	23.7
5		1	12	23.02	22.99	22.77	23.7
5		1	24	23.01	23.03	22.91	23.7
5		12	0	21.81	21.82	21.75	22.7
5		12	7	21.91	22.06	21.96	22.7
5		12	13	21.8	21.94	21.84	22.7
5		25	0	21.91	22.03	21.91	22.7
5	256QAM	1	0	19.79	19.88	19.77	20.7
5		1	12	19.79	19.85	19.77	20.7
5		1	24	19.61	19.75	19.66	20.7
5		12	0	19.76	19.89	19.8	20.7
5		12	7	19.99	20.02	19.89	20.7
5		12	13	19.84	19.97	19.85	20.7
5		25	0	20.06	20.09	19.95	20.7

<LTE Band 17_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.78	24.56	24.66	25.7
10		1	25	24.55	24.37	24.64	25.7
10		1	49	24.57	24.8	24.58	25.7
10		25	0	23.57	23.65	23.68	24.7
10		25	12	23.67	23.52	23.75	24.7
10		25	25	23.64	23.89	23.76	24.7
10		50	0	23.68	23.9	23.7	24.7
10	16QAM	1	0	23.89	24.13	24.02	24.7
10		1	25	23.79	24.04	23.9	24.7
10		1	49	24.06	24.31	24.11	24.7
10		25	0	22.72	23	22.78	23.7
10		25	12	22.64	22.95	22.72	23.7
10		25	25	22.75	23	22.83	23.7
10		50	0	22.68	22.95	22.83	23.7
10	64QAM	1	0	22.7	23.02	22.87	23.7
10		1	25	22.8	23.01	22.91	23.7
10		1	49	22.8	23.1	22.93	23.7
10		25	0	21.8	21.92	21.91	22.7
10		25	12	21.67	21.87	21.77	22.7
10		25	25	21.77	21.99	21.75	22.7
10		50	0	21.66	21.88	21.77	22.7
10	256QAM	1	0	19.7	19.91	19.82	20.7
10		1	25	19.64	19.85	19.73	20.7
10		1	49	19.47	19.75	19.8	20.7
10		25	0	19.61	19.89	19.7	20.7
10		25	12	19.77	20.02	19.93	20.7
10		25	25	19.7	19.97	19.88	20.7
10		50	0	19.67	20.08	19.86	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.64	24.9	24.72	25.7
5		1	12	24.52	24.74	24.54	25.7
5		1	24	24.49	24.67	24.45	25.7
5		12	0	23.55	23.79	23.67	24.7
5		12	7	23.62	23.82	23.6	24.7
5		12	13	23.52	23.68	23.7	24.7
5		25	0	23.66	23.81	23.58	24.7
5	16QAM	1	0	23.84	23.98	23.66	24.7
5		1	12	23.65	23.95	23.68	24.7
5		1	24	24.04	24.17	24.09	24.7
5		12	0	22.68	22.96	22.71	23.7
5		12	7	22.58	22.93	22.61	23.7
5		12	13	22.63	22.95	22.79	23.7
5		25	0	22.65	22.87	22.73	23.7
5	64QAM	1	0	22.57	22.88	22.84	23.7
5		1	12	22.73	22.95	22.87	23.7
5		1	24	22.72	23.02	22.85	23.7
5		12	0	21.45	21.69	21.77	22.7
5		12	7	21.62	21.82	21.63	22.7
5		12	13	21.71	21.95	21.64	22.7
5		25	0	21.51	21.81	21.62	22.7
5	256QAM	1	0	19.65	19.86	19.76	20.7
5		1	12	19.61	19.71	19.63	20.7
5		1	24	19.4	19.68	19.58	20.7
5		12	0	19.47	19.67	19.58	20.7
5		12	7	19.73	19.98	19.92	20.7
5		12	13	19.68	19.94	19.74	20.7
5		25	0	19.76	19.99	19.91	20.7

<LTE Band 26_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.66	24.55	24.45	25.7
15		1	37	24.78	24.69	24.67	25.7
15		1	74	24.67	24.64	24.78	25.7
15		36	0	24.04	24.14	24.02	24.7
15		36	20	23.81	23.95	23.83	24.7
15		36	39	23.91	24.01	23.86	24.7
15		75	0	23.94	24.11	23.97	24.7
15	16QAM	1	0	23.66	24.01	23.64	24.7
15		1	37	24.03	24.13	24.01	24.7
15		1	74	23.97	24.16	23.95	24.7
15		36	0	22.89	23.05	22.86	23.7
15		36	20	22.96	23.03	22.89	23.7
15		36	39	23.69	23.06	23.67	23.7
15		75	0	22.83	22.94	22.79	23.7
15	64QAM	1	0	22.93	23.07	22.88	23.7
15		1	37	22.77	22.98	22.83	23.7
15		1	74	22.89	22.98	22.79	23.7
15		36	0	21.83	21.98	21.77	22.7
15		36	20	21.82	21.9	21.87	22.7
15		36	39	21.82	21.96	21.76	22.7
15		75	0	21.88	22.07	21.93	22.7
15	256QAM	1	0	19.65	20	19.91	20.7
15		1	37	19.99	20.09	19.95	20.7
15		1	74	19.92	20.07	19.93	20.7
15		36	0	20.01	20.09	19.92	20.7
15		36	20	19.87	20.03	19.88	20.7
15		36	39	20.06	20.17	20.09	20.7
15		75	0	19.98	20.13	19.97	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.78	24.85	24.78	25.7
10		1	25	24.69	24.75	24.58	25.7
10		1	49	24.75	24.92	24.75	25.7
10		25	0	23.99	24.05	23.94	24.7
10		25	12	23.77	23.89	23.81	24.7
10		25	25	23.77	23.99	23.73	24.7
10		50	0	23.89	23.98	23.77	24.7
10	16QAM	1	0	23.74	23.96	23.74	24.7
10		1	25	23.9	24.04	23.89	24.7
10		1	49	23.91	24.05	23.91	24.7
10		25	0	22.84	22.96	22.79	23.7
10		25	12	22.92	22.96	22.78	23.7
10		25	25	22.74	23.03	22.81	23.7
10		50	0	22.7	22.9	22.69	23.7
10	64QAM	1	0	22.84	23.03	22.77	23.7
10		1	25	22.87	22.84	22.77	23.7
10		1	49	22.86	22.9	22.75	23.7
10		25	0	21.82	21.97	21.65	22.7
10		25	12	21.72	21.86	21.68	22.7
10		25	25	21.73	21.87	21.72	22.7
10		50	0	21.87	22.01	21.91	22.7
10	256QAM	1	0	19.78	19.88	19.73	20.7
10		1	25	19.84	19.99	19.8	20.7
10		1	49	19.86	19.97	19.84	20.7
10		25	0	19.92	19.96	19.86	20.7
10		25	12	19.72	19.9	19.82	20.7
10		25	25	19.93	20.06	20.04	20.7
10		50	0	19.84	20.09	19.92	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
8	QPSK	1	0	24.75	24.82	24.77	25.7
8		1	12	24.75	24.83	24.59	25.7
8		1	24	24.73	24.87	24.77	25.7
8		12	0	23.89	24.06	23.9	24.7
8		12	7	23.69	23.8	23.76	24.7
8		12	13	23.81	23.97	23.75	24.7
8		25	0	23.85	24.08	23.83	24.7
8	16QAM	1	0	23.78	23.87	23.69	24.7
8		1	12	23.92	24.03	23.94	24.7
8		1	24	23.86	24.12	23.93	24.7
8		12	0	22.65	22.94	22.79	23.7
8		12	7	22.93	22.91	22.96	23.7
8		12	13	22.75	23	22.84	23.7
8		25	0	22.71	22.88	22.67	23.7
8	64QAM	1	0	22.89	23.03	22.76	23.7
8		1	12	22.74	22.92	22.89	23.7
8		1	24	22.86	22.95	22.65	23.7
8		12	0	21.61	21.9	21.7	22.7
8		12	7	21.68	21.79	21.58	22.7
8		12	13	21.71	21.91	21.65	22.7
8		25	0	21.79	21.95	21.94	22.7
8	256QAM	1	0	19.78	19.88	19.76	20.7
8		1	12	19.84	19.97	19.82	20.7
8		1	24	19.86	20.04	19.94	20.7
8		12	0	19.9	19.89	19.88	20.7
8		12	7	19.77	19.96	19.81	20.7
8		12	13	19.56	20.13	20.01	20.7
8		25	0	19.65	20.09	19.92	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.74	24.88	24.76	25.7
3		1	8	24.7	24.82	24.53	25.7
3		1	14	24.75	24.88	24.66	25.7
3		8	0	23.97	24.12	23.89	24.7
3		8	4	23.7	23.83	23.76	24.7
3		8	7	23.82	23.91	23.75	24.7
3		15	0	23.81	24.1	23.82	24.7
3	16QAM	1	0	23.75	23.88	23.73	24.7
3		1	8	23.9	24.12	23.87	24.7
3		1	14	23.84	24.11	23.83	24.7
3		8	0	22.8	22.93	22.72	23.7
3		8	4	22.83	22.93	22.76	23.7
3		8	7	22.75	23.03	22.89	23.7
3		15	0	22.76	22.8	22.76	23.7
3	64QAM	1	0	22.83	23.06	22.77	23.7
3		1	8	22.65	22.92	22.7	23.7
3		1	14	22.76	22.91	22.65	23.7
3		8	0	21.6	21.91	21.66	22.7
3		8	4	21.79	21.84	21.67	22.7
3		8	7	21.78	21.9	21.62	22.7
3		15	0	21.66	21.85	21.85	22.7
3	256QAM	1	0	19.62	19.88	19.75	20.7
3		1	8	19.67	20.07	19.9	20.7
3		1	14	19.78	19.96	19.86	20.7
3		8	0	20	20.03	19.93	20.7
3		8	4	19.72	19.92	19.8	20.7
3		8	7	20.01	20.04	19.96	20.7
3		15	0	19.88	20.11	19.91	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.79	24.88	24.76	25.7
1.4		1	3	24.75	24.75	24.61	25.7
1.4		1	5	24.75	24.82	24.7	25.7
1.4		3	0	24.95	25	24.89	25.7
1.4		3	1	24.77	24.91	24.69	25.7
1.4		3	3	24.83	24.94	24.76	25.7
1.4		6	0	23.89	24.05	23.9	24.7
1.4	16QAM	1	0	23.79	23.94	23.75	24.7
1.4		1	3	23.98	24.09	23.87	24.7
1.4		1	5	23.83	24.1	23.87	24.7
1.4		3	0	23.75	23.92	23.74	24.7
1.4		3	1	23.92	24	23.79	24.7
1.4		3	3	23.84	24.05	23.75	24.7
1.4		6	0	22.74	22.88	22.71	23.7
1.4	64QAM	1	0	22.89	22.92	22.76	23.7
1.4		1	3	22.68	22.94	22.69	23.7
1.4		1	5	22.87	22.85	22.71	23.7
1.4		3	0	22.74	22.89	22.71	23.7
1.4		3	1	22.78	22.87	22.54	23.7
1.4		3	3	22.87	22.84	22.65	23.7
1.4		6	0	21.78	22.03	21.78	22.7
1.4	256QAM	1	0	19.78	19.95	19.69	20.7
1.4		1	3	19.87	19.93	19.89	20.7
1.4		1	5	19.82	20.03	19.91	20.7
1.4		3	0	19.95	20.01	19.77	20.7
1.4		3	1	19.79	19.94	19.85	20.7
1.4		3	3	19.97	20.05	20.01	20.7
1.4		6	0	19.91	20.03	19.85	20.7

<LTE Band 71_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133022	133297	133572	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.73	25.07	24.93	25.7
20		1	49	24.53	24.97	24.76	25.7
20		1	99	24.3	24.73	24.43	25.7
20		50	0	23.75	24.1	23.94	24.7
20		50	24	23.6	23.96	23.77	24.7
20		50	50	23.59	23.95	23.72	24.7
20		100	0	23.62	24.02	23.79	24.7
20	16QAM	1	0	23.62	24.21	23.95	24.7
20		1	49	23.74	24.15	23.9	24.7
20		1	99	23.71	24.16	23.91	24.7
20		50	0	22.75	23.08	22.83	23.7
20		50	24	22.68	23.03	22.75	23.7
20		50	50	22.61	23.01	22.82	23.7
20	64QAM	100	0	22.69	23.09	22.91	23.7
20		1	0	22.97	23.35	23.16	23.7
20		1	49	22.79	23.13	22.87	23.7
20		1	99	22.62	22.95	22.79	23.7
20		50	0	21.69	22.04	21.8	22.7
20		50	24	21.77	22.12	21.96	22.7
20		50	50	21.6	21.92	21.78	22.7
20		100	0	21.64	22.05	21.81	22.7
20	256QAM	1	0	19.66	20.05	19.88	20.7
20		1	49	19.67	20	19.84	20.7
20		1	99	19.63	19.96	19.8	20.7
20		50	0	19.67	19.96	19.77	20.7
20		50	24	19.75	20.14	19.93	20.7
20		50	50	19.76	20.12	19.96	20.7
20		100	0	19.84	20.01	19.86	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				676.5	680.5	684.5	
15	QPSK	1	0	24.67	24.96	24.9	25.7
15		1	37	24.41	24.92	24.7	25.7
15		1	74	24.32	24.71	24.33	25.7
15		36	0	23.64	24	23.81	24.7
15		36	20	23.51	23.87	23.72	24.7
15		36	39	23.45	23.89	23.61	24.7
15		75	0	23.39	23.91	23.71	24.7
15	16QAM	1	0	23.77	24.2	23.87	24.7
15		1	37	23.62	24.01	23.77	24.7
15		1	74	23.62	24.04	23.82	24.7
15		36	0	22.67	23.02	22.79	23.7
15		36	20	22.59	22.94	22.82	23.7
15		36	39	22.47	22.86	22.54	23.7
15		75	0	22.62	23.02	22.88	23.7
15	64QAM	1	0	22.86	23.31	23.05	23.7
15		1	37	22.89	23.07	22.9	23.7
15		1	74	22.48	22.87	22.74	23.7
15		36	0	21.64	21.91	21.88	22.7
15		36	20	21.75	22.08	21.94	22.7
15		36	39	21.64	21.9	21.72	22.7
15		75	0	21.6	21.94	21.71	22.7
15	256QAM	1	0	19.62	19.92	19.76	20.7
15		1	37	19.65	19.91	19.76	20.7
15		1	74	19.54	19.86	19.75	20.7
15		36	0	19.51	19.93	19.82	20.7
15		36	20	19.73	20.04	19.91	20.7
15		36	39	19.73	20.02	19.93	20.7
15		75	0	19.62	19.88	19.79	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				669	680.5	692	
10	QPSK	1	0	24.64	24.96	24.8	25.7
10		1	25	24.47	24.89	24.7	25.7
10		1	49	24.3	24.85	24.38	25.7
10		25	0	23.64	23.96	23.85	24.7
10		25	12	23.57	23.84	23.73	24.7
10		25	25	23.53	23.88	23.65	24.7
10		50	0	23.52	23.9	23.63	24.7
10	16QAM	1	0	23.78	24.18	23.93	24.7
10		1	25	23.71	24.11	23.77	24.7
10		1	49	23.62	24.06	23.79	24.7
10		25	0	22.61	22.95	22.7	23.7
10		25	12	22.63	23.01	22.6	23.7
10		25	25	22.58	22.92	22.72	23.7
10		50	0	22.58	23	22.69	23.7
10	64QAM	1	0	22.95	23.31	23.01	23.7
10		1	25	22.88	23.09	22.79	23.7
10		1	49	22.58	22.91	22.68	23.7
10		25	0	21.54	21.95	21.77	22.7
10		25	12	21.62	22.03	21.82	22.7
10		25	25	21.54	21.87	21.75	22.7
10		50	0	21.53	21.93	21.67	22.7
10	256QAM	1	0	19.63	19.9	19.77	20.7
10		1	25	19.65	19.94	19.81	20.7
10		1	49	19.55	19.95	19.72	20.7
10		25	0	19.43	19.82	19.7	20.7
10		25	12	19.61	20.03	19.84	20.7
10		25	25	19.65	20.02	19.9	20.7
10		50	0	19.44	19.88	19.82	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.72	24.98	24.85	25.7
5		1	12	24.5	24.84	24.66	25.7
5		1	24	24.31	24.7	24.36	25.7
5		12	0	23.82	24.02	23.92	24.7
5		12	7	23.48	23.88	23.63	24.7
5		12	13	23.44	23.92	23.69	24.7
5		25	0	23.58	24.03	23.66	24.7
5	16QAM	1	0	23.68	24.09	23.86	24.7
5		1	12	23.66	24.09	23.76	24.7
5		1	24	23.6	24.16	23.79	24.7
5		12	0	22.67	23.06	22.75	23.7
5		12	7	22.6	23.02	22.72	23.7
5		12	13	22.39	22.77	22.5	23.7
5		25	0	22.67	23	22.84	23.7
5	64QAM	1	0	22.86	23.25	23.08	23.7
5		1	12	22.72	23.07	22.83	23.7
5		1	24	22.6	22.91	22.64	23.7
5		12	0	21.62	21.94	21.68	22.7
5		12	7	21.67	22.08	21.86	22.7
5		12	13	21.52	21.88	21.65	22.7
5		25	0	21.54	21.97	21.72	22.7
5	256QAM	1	0	19.58	19.94	19.86	20.7
5		1	12	19.53	19.95	19.82	20.7
5		1	24	19.39	19.82	19.74	20.7
5		12	0	19.47	19.88	19.75	20.7
5		12	7	19.62	20.01	19.85	20.7
5		12	13	19.7	20.07	19.88	20.7
5		25	0	19.44	19.94	19.81	20.7

<LTE Band 5_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.38	21.58	21.41	22.2
10		1	25	21.29	21.51	21.32	22.2
10		1	49	21.3	21.37	21.36	22.2
10		25	0	21.24	21.3	21.23	22.2
10		25	12	21.21	21.37	21.11	22.2
10		25	25	21.19	21.38	21.2	22.2
10		50	0	21.04	21.33	21.07	22.2
10	16QAM	1	0	21.2	21.34	21.34	22.2
10		1	25	21.25	21.24	21.29	22.2
10		1	49	21.16	21.21	21.25	22.2
10		25	0	21.29	21.27	21.31	22.2
10		25	12	21.38	21.22	21.46	22.2
10		25	25	21.43	21.38	21.27	22.2
10		50	0	21.24	21.4	21.36	22.2
10	64QAM	1	0	21.33	21.29	21.38	22.2
10		1	25	21.23	21.3	21.44	22.2
10		1	49	21.27	21.43	21.36	22.2
10		25	0	21.3	21.39	21.37	22.2
10		25	12	21.25	21.31	21.22	22.2
10		25	25	21.27	21.37	21.45	22.2
10		50	0	21.26	21.34	21.33	22.2
10	256QAM	1	0	19.76	19.99	19.93	20.7
10		1	25	19.8	19.98	19.92	20.7
10		1	49	19.85	19.95	19.87	20.7
10		25	0	19.79	20.01	19.92	20.7
10		25	12	19.96	20.1	20.02	20.7
10		25	25	19.84	19.98	19.85	20.7
10		50	0	19.67	19.93	19.88	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.36	21.53	21.31	22.2
5		1	12	21.44	21.41	21.44	22.2
5		1	24	21.2	21.29	21.32	22.2
5		12	0	21.11	21.44	21.12	22.2
5		12	7	21.14	21.33	21.17	22.2
5		12	13	21.19	21.28	21.2	22.2
5		25	0	20.99	21.25	21.04	22.2
5	16QAM	1	0	21.11	21.2	21.2	22.2
5		1	12	21.21	21.2	21.26	22.2
5		1	24	21.07	21.08	21.17	22.2
5		12	0	21.16	21.13	21.17	22.2
5		12	7	21.31	21.14	21.43	22.2
5		12	13	21.36	21.33	21.13	22.2
5		25	0	21.11	21.38	21.29	22.2
5	64QAM	1	0	21.23	21.2	21.27	22.2
5		1	12	21.1	21.17	21.36	22.2
5		1	24	21.13	21.31	21.33	22.2
5		12	0	21.16	21.32	21.26	22.2
5		12	7	21.16	21.19	21.1	22.2
5		12	13	21.16	21.25	21.4	22.2
5		25	0	21.14	21.32	21.23	22.2
5	256QAM	1	0	19.66	19.92	19.88	20.7
5		1	12	19.79	19.88	19.77	20.7
5		1	24	19.79	19.97	19.74	20.7
5		12	0	19.71	19.98	19.76	20.7
5		12	7	19.83	20.01	19.98	20.7
5		12	13	19.82	19.94	19.9	20.7
5		25	0	19.59	19.9	19.85	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.33	21.5	21.36	22.2
3		1	8	21.36	21.48	21.43	22.2
3		1	14	21.15	21.3	21.34	22.2
3		8	0	21.22	21.46	21.13	22.2
3		8	4	21.13	21.23	21.21	22.2
3		8	7	21.07	21.32	21.15	22.2
3		15	0	21.03	21.24	20.99	22.2
3	16QAM	1	0	21.08	21.2	21.21	22.2
3		1	8	21.11	21.11	21.28	22.2
3		1	14	21.04	21.17	21.23	22.2
3		8	0	21.22	21.21	21.22	22.2
3		8	4	21.26	21.07	21.37	22.2
3		8	7	21.3	21.28	21.17	22.2
3		15	0	21.14	21.37	21.33	22.2
3	64QAM	1	0	21.22	21.21	21.23	22.2
3		1	8	21.21	21.19	21.42	22.2
3		1	14	21.15	21.3	21.24	22.2
3		8	0	21.15	21.36	21.32	22.2
3		8	4	21.16	21.16	21.16	22.2
3		8	7	21.19	21.31	21.34	22.2
3		15	0	21.17	21.34	21.23	22.2
3	256QAM	1	0	19.7	19.98	19.78	20.7
3		1	8	19.71	19.9	19.87	20.7
3		1	14	19.77	19.89	19.91	20.7
3		8	0	19.71	19.99	19.68	20.7
3		8	4	19.68	20.02	19.99	20.7
3		8	7	19.82	19.95	19.75	20.7
3		15	0	19.58	19.71	19.83	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.28	21.52	21.4	22.2
1.4		1	3	21.41	21.5	21.48	22.2
1.4		1	5	21.19	21.36	21.36	22.2
1.4		3	0	21.1	21.47	21.15	22.2
1.4		3	1	21.21	21.34	21.25	22.2
1.4		3	3	21.19	21.24	21.22	22.2
1.4		6	0	21	21.23	20.93	22.2
1.4	16QAM	1	0	21.16	21.24	21.32	22.2
1.4		1	3	21.21	21.14	21.22	22.2
1.4		1	5	21.12	21.08	21.2	22.2
1.4		3	0	21.17	21.19	21.2	22.2
1.4		3	1	21.06	21.15	21.27	22.2
1.4		3	3	21.4	21.36	21.25	22.2
1.4		6	0	21.11	21.37	21.22	22.2
1.4	64QAM	1	0	21.26	21.16	21.24	22.2
1.4		1	3	21.16	21.38	21.39	22.2
1.4		1	5	21.18	21.35	21.22	22.2
1.4		3	0	21.15	21.37	21.21	22.2
1.4		3	1	21.14	21.3	21.09	22.2
1.4		3	3	21.21	21.29	21.41	22.2
1.4		6	0	21.23	21.24	21.23	22.2
1.4	256QAM	1	0	19.72	19.9	19.91	20.7
1.4		1	3	19.69	19.92	19.79	20.7
1.4		1	5	19.71	19.93	19.73	20.7
1.4		3	0	19.66	19.99	19.8	20.7
1.4		3	1	19.69	19.97	20	20.7
1.4		3	3	19.77	19.96	19.76	20.7
1.4		6	0	19.58	19.8	19.54	20.7

<LTE Band 12_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	22.06	22.11	22.05	22.7
10		1	25	22.01	22.02	22.01	22.7
10		1	49	21.97	22.01	22.03	22.7
10		25	0	21.9	21.97	21.96	22.7
10		25	12	21.85	21.86	21.8	22.7
10		25	25	21.88	21.91	21.81	22.7
10		50	0	21.67	21.84	21.69	22.7
10	16QAM	1	0	21.82	21.86	21.89	22.7
10		1	25	21.82	21.79	21.84	22.7
10		1	49	21.86	21.76	21.84	22.7
10		25	0	21.86	21.9	21.84	22.7
10		25	12	21.88	21.9	22.04	22.7
10		25	25	21.9	21.85	21.91	22.7
10		50	0	21.82	21.88	21.87	22.7
10	64QAM	1	0	21.95	21.93	21.98	22.7
10		1	25	21.86	21.87	22.03	22.7
10		1	49	21.89	22.05	21.89	22.7
10		25	0	21.96	21.95	21.97	22.7
10		25	12	21.85	22.02	21.82	22.7
10		25	25	21.85	21.96	22.1	22.7
10		50	0	21.9	22.05	22.04	22.7
10	256QAM	1	0	19.81	20.02	19.74	20.7
10		1	25	19.67	20.09	19.82	20.7
10		1	49	19.97	20.14	19.88	20.7
10		25	0	19.83	20.04	19.79	20.7
10		25	12	19.91	20.1	19.86	20.7
10		25	25	19.9	20.11	19.91	20.7
10		50	0	19.65	20.08	19.91	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	710.5	
5	QPSK	1	0	22.06	22.01	21.96	22.7
5		1	12	22	21.99	21.97	22.7
5		1	24	21.82	21.87	21.98	22.7
5		12	0	21.81	21.9	21.78	22.7
5		12	7	21.76	21.74	21.78	22.7
5		12	13	21.8	21.76	21.68	22.7
5		25	0	21.55	21.72	21.66	22.7
5	16QAM	1	0	21.73	21.75	21.82	22.7
5		1	12	21.69	21.77	21.8	22.7
5		1	24	21.83	21.83	21.76	22.7
5		12	0	21.82	21.87	21.7	22.7
5		12	7	21.79	21.76	21.83	22.7
5		12	13	21.76	21.77	21.87	22.7
5		25	0	21.68	21.86	21.66	22.7
5	64QAM	1	0	21.9	21.91	21.92	22.7
5		1	12	21.79	21.73	22.01	22.7
5		1	24	21.68	21.94	21.89	22.7
5		12	0	21.83	21.81	21.83	22.7
5		12	7	21.7	21.86	21.69	22.7
5		12	13	21.72	21.86	21.66	22.7
5		25	0	21.9	21.93	22.02	22.7
5	256QAM	1	0	19.76	19.93	19.64	20.7
5		1	12	19.76	19.99	19.7	20.7
5		1	24	19.91	20.02	19.85	20.7
5		12	0	19.69	20	19.71	20.7
5		12	7	19.77	19.99	19.74	20.7
5		12	13	19.84	20.06	19.83	20.7
5		25	0	19.62	19.98	19.9	20.7
Channel				23020	23095	23160	Tune-up Limit (dBm)
Frequency (MHz)				700.3	707.5	714.3	
3	QPSK	1	0	22.06	22	21.92	22.7
3		1	8	21.95	21.97	21.95	22.7
3		1	14	21.87	21.96	21.99	22.7
3		8	0	21.9	21.91	21.82	22.7
3		8	4	21.71	21.76	21.69	22.7
3		8	7	21.83	21.83	21.73	22.7
3		15	0	21.59	21.78	21.56	22.7
3	16QAM	1	0	21.73	21.77	21.78	22.7
3		1	8	21.67	21.68	21.75	22.7
3		1	14	21.79	21.61	21.76	22.7
3		8	0	21.82	21.76	21.83	22.7
3		8	4	21.64	21.69	21.66	22.7
3		8	7	21.78	21.77	21.82	22.7
3		15	0	21.78	21.66	21.83	22.7
3	64QAM	1	0	21.83	21.9	21.82	22.7
3		1	8	21.61	21.61	21.66	22.7
3		1	14	21.69	21.9	21.67	22.7
3		8	0	21.64	21.9	21.64	22.7
3		8	4	21.73	21.64	21.77	22.7
3		8	7	21.83	21.64	21.66	22.7
3		15	0	21.64	22	21.66	22.7
3	256QAM	1	0	19.8	19.66	19.71	20.7
3		1	8	19.65	19.97	19.71	20.7
3		1	14	19.55	20.12	19.79	20.7
3		8	0	19.73	20	19.71	20.7
3		8	4	19.9	20.02	19.71	20.7
3		8	7	19.69	19.97	19.83	20.7
3		15	0	19.79	20.01	19.88	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.03	22.08	21.95	22.7
1.4		1	3	22.05	21.95	21.99	22.7
1.4		1	5	21.88	21.9	21.92	22.7
1.4		3	0	21.85	21.84	21.75	22.7
1.4		3	1	21.83	21.74	21.75	22.7
1.4		3	3	21.77	21.8	21.71	22.7
1.4		6	0	21.54	21.8	21.6	22.7
1.4	16QAM	1	0	21.74	21.77	21.83	22.7
1.4		1	3	21.76	21.67	21.73	22.7
1.4		1	5	21.83	21.71	21.75	22.7
1.4		3	0	21.93	21.83	21.75	22.7
1.4		3	1	21.76	21.81	21.91	22.7
1.4		3	3	21.83	21.74	21.82	22.7
1.4		6	0	21.65	21.88	21.66	22.7
1.4	64QAM	1	0	21.85	21.91	21.94	22.7
1.4		1	3	21.72	21.75	21.98	22.7
1.4		1	5	21.88	22.02	21.95	22.7
1.4		3	0	21.95	21.84	21.86	22.7
1.4		3	1	21.74	21.94	21.75	22.7
1.4		3	3	21.82	21.86	22.07	22.7
1.4		6	0	21.77	22.02	21.95	22.7
1.4	256QAM	1	0	19.69	19.88	19.91	20.7
1.4		1	3	19.83	19.97	19.78	20.7
1.4		1	5	19.65	20.12	19.82	20.7
1.4		3	0	19.77	20.02	19.72	20.7
1.4		3	1	19.83	20	19.78	20.7
1.4		3	3	19.79	20.04	19.77	20.7
1.4		6	0	19.64	19.98	19.67	20.7

<LTE Band 13_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.48		22.2
10		1	25		21.46		22.2
10		1	49		21.38		22.2
10		25	0		21.4		22.2
10		25	12		21.27		22.2
10		25	25		21.19		22.2
10		50	0		21.13		22.2
10	16QAM	1	0		21.13		22.2
10		1	25		21.11		22.2
10		1	49		21.18		22.2
10		25	0		21.23		22.2
10		25	12		21.19		22.2
10		25	25		21.16		22.2
10		50	0		21.36		22.2
10	64QAM	1	0		21.16		22.2
10		1	25		21.28		22.2
10		1	49		21.39		22.2
10		25	0		21.27		22.2
10		25	12		21.31		22.2
10		25	25		21.3		22.2
10		50	0		21.27		22.2
10	256QAM	1	0		20.08		20.7
10		1	25		20.13		20.7
10		1	49		20.04		20.7
10		25	0		20.02		20.7
10		25	12		20.1		20.7
10		25	25		20.08		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.39	21.47	21.32	22.2
5		1	12	21.12	21.35	21.16	22.2
5		1	24	21.34	21.43	21.19	22.2
5		12	0	21.04	21.45	21.26	22.2
5		12	7	21.06	21.2	20.98	22.2
5		12	13	20.94	21.16	20.88	22.2
5		25	0	20.87	21.16	20.94	22.2
5	16QAM	1	0	20.9	21.1	20.92	22.2
5		1	12	20.92	21.05	20.88	22.2
5		1	24	21.09	21.24	21.07	22.2
5		12	0	21.04	21.16	20.88	22.2
5		12	7	21.03	21.2	20.91	22.2
5		12	13	21.03	21.17	20.94	22.2
5		25	0	21.17	21.32	21.07	22.2
5	64QAM	1	0	21.01	21.17	20.97	22.2
5		1	12	21.16	21.32	21.12	22.2
5		1	24	21.18	21.38	21.17	22.2
5		12	0	21.15	21.24	20.97	22.2
5		12	7	21.12	21.31	21.13	22.2
5		12	13	21.25	21.36	21.19	22.2
5		25	0	21.02	21.23	21.02	22.2
5	256QAM	1	0	19.91	20.02	19.8	20.7
5		1	12	19.93	20.13	19.87	20.7
5		1	24	19.9	20.03	19.79	20.7
5		12	0	19.83	19.95	19.88	20.7
5		12	7	19.87	20.08	19.82	20.7
5		12	13	19.91	20.01	19.76	20.7
5		25	0	19.95	20.1	19.9	20.7

<LTE Band 17_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.90	22.03	21.9	22.7
10		1	25	22	21.95	21.92	22.7
10		1	49	21.91	21.94	21.95	22.7
10		25	0	21.75	21.93	21.94	22.7
10		25	12	21.71	21.83	21.79	22.7
10		25	25	21.62	21.78	21.76	22.7
10		50	0	21.57	21.76	21.64	22.7
10	16QAM	1	0	21.72	21.75	21.63	22.7
10		1	25	21.66	21.77	21.72	22.7
10		1	49	21.74	21.69	21.67	22.7
10		25	0	21.65	21.73	21.72	22.7
10		25	12	21.64	21.73	21.66	22.7
10		25	25	21.64	21.75	21.66	22.7
10		50	0	21.75	21.85	21.9	22.7
10	64QAM	1	0	21.78	21.8	21.64	22.7
10		1	25	21.81	21.77	22	22.7
10		1	49	21.65	21.97	21.68	22.7
10		25	0	21.64	21.69	21.81	22.7
10		25	12	21.74	21.97	21.77	22.7
10		25	25	21.78	21.84	22.05	22.7
10		50	0	21.78	21.68	21.56	22.7
10	256QAM	1	0	19.93	20.09	19.95	20.7
10		1	25	20.06	20.24	20.06	20.7
10		1	49	19.76	20.07	19.88	20.7
10		25	0	19.76	20.02	19.8	20.7
10		25	12	19.63	20.01	19.76	20.7
10		25	25	19.81	19.99	19.84	20.7
10		50	0	19.69	19.98	19.81	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.79	22.01	21.8	22.7
5		1	12	21.98	21.85	21.8	22.7
5		1	24	21.82	21.82	21.82	22.7
5		12	0	21.66	21.87	21.76	22.7
5		12	7	21.7	21.82	21.64	22.7
5		12	13	21.68	21.67	21.62	22.7
5		25	0	21.51	21.72	21.48	22.7
5		1	0	21.63	21.72	21.8	22.7
5	16QAM	1	12	21.6	21.62	21.6	22.7
5		1	24	21.6	21.53	21.57	22.7
5		12	0	21.78	21.58	21.58	22.7
5		12	7	21.78	21.69	21.91	22.7
5		12	13	21.79	21.7	21.62	22.7
5		25	0	21.68	21.75	21.67	22.7
5	64QAM	1	0	21.69	21.75	21.79	22.7
5		1	12	21.75	21.63	21.58	22.7
5		1	24	21.75	21.65	21.77	22.7
5		12	0	21.64	21.74	21.74	22.7
5		12	7	21.72	21.61	21.63	22.7
5		12	13	21.69	21.77	21.58	22.7
5		25	0	21.68	21.63	21.63	22.7
5	256QAM	1	0	19.73	19.94	19.65	20.7
5		1	12	20.01	20.19	20.03	20.7
5		1	24	19.67	20	19.77	20.7
5		12	0	19.65	19.99	19.72	20.7
5		12	7	19.73	19.94	19.67	20.7
5		12	13	19.76	19.98	19.71	20.7
5		25	0	19.66	19.99	19.74	20.7

<LTE Band 26_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26745	26865	26985	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.62	22.01	21.67	22.7
15		1	37	21.76	21.9	21.78	22.7
15		1	74	21.61	21.9	21.72	22.7
15		36	0	21.72	21.63	21.61	22.7
15		36	20	21.7	21.61	21.79	22.7
15		36	39	21.61	21.6	21.61	22.7
15		75	0	21.61	21.64	21.62	22.7
15	16QAM	1	0	21.61	21.64	21.7	22.7
15		1	37	21.66	21.65	21.67	22.7
15		1	74	21.57	21.6	21.76	22.7
15		36	0	21.79	21.62	21.67	22.7
15		36	20	21.8	21.78	21.79	22.7
15		36	39	21.77	21.71	21.71	22.7
15		75	0	21.69	21.82	21.73	22.7
15	64QAM	1	0	21.74	21.72	21.66	22.7
15		1	37	21.66	21.78	21.77	22.7
15		1	74	21.63	21.61	21.65	22.7
15		36	0	21.8	21.61	21.69	22.7
15		36	20	21.7	21.71	21.76	22.7
15		36	39	21.65	21.84	21.61	22.7
15		75	0	21.79	21.76	21.9	22.7
15	256QAM	1	0	20.08	20.06	20.03	20.7
15		1	37	19.92	20.03	19.92	20.7
15		1	74	19.91	20.01	19.9	20.7
15		36	0	19.93	20.01	19.9	20.7
15		36	20	19.91	19.9	19.91	20.7
15		36	39	19.86	19.95	19.92	20.7
15		75	0	19.78	19.9	19.93	20.7
Channel				26743	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.8	21.95	21.73	22.7
10		1	25	21.76	21.83	21.74	22.7
10		1	49	21.75	21.85	21.92	22.7
10		25	0	21.71	21.68	21.78	22.7
10		25	12	21.67	21.74	21.65	22.7
10		25	25	21.56	21.7	21.58	22.7
10		50	0	21.58	21.6	21.4	22.7
10	16QAM	1	0	21.48	21.61	21.65	22.7
10		1	25	21.51	21.51	21.59	22.7
10		1	49	21.5	21.56	21.66	22.7
10		25	0	21.7	21.54	21.63	22.7
10		25	12	21.67	21.74	21.74	22.7
10		25	25	21.64	21.6	21.63	22.7
10		50	0	21.55	21.7	21.59	22.7
10	64QAM	1	0	21.7	21.66	21.71	22.7
10		1	25	21.62	21.63	21.64	22.7
10		1	49	21.69	21.61	21.79	22.7
10		25	0	21.7	21.71	21.64	22.7
10		25	12	21.56	21.71	21.74	22.7
10		25	25	21.56	21.71	21.76	22.7
10		50	0	21.68	21.69	21.64	22.7
10	256QAM	1	0	19.66	20.01	20.19	20.7
10		1	25	19.83	19.95	19.87	20.7
10		1	49	19.87	19.94	19.9	20.7
10		25	0	19.7	19.97	19.85	20.7
10		25	12	19.74	19.67	19.69	20.7
10		25	25	19.77	19.67	19.72	20.7
10		50	0	19.68	19.79	19.76	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	21.77	21.96	21.69	22.7
5		1	12	21.77	21.81	21.66	22.7
5		1	24	21.79	21.68	21.71	22.7
5		12	0	21.65	21.68	21.76	22.7
5		12	7	21.62	21.77	21.72	22.7
5		12	13	21.46	21.76	21.53	22.7
5		25	0	21.53	21.56	21.42	22.7
5	16QAM	1	0	21.56	21.54	21.63	22.7
5		1	12	21.54	21.57	21.62	22.7
5		1	24	21.49	21.52	21.67	22.7
5		12	0	21.66	21.58	21.58	22.7
5		12	7	21.77	21.76	21.7	22.7
5		12	13	21.66	21.62	21.68	22.7
5		25	0	21.63	21.69	21.71	22.7
5	64QAM	1	0	21.68	21.61	21.72	22.7
5		1	12	21.62	21.68	21.65	22.7
5		1	24	21.79	21.8	21.76	22.7
5		12	0	21.71	21.7	21.62	22.7
5		12	7	21.66	21.68	21.71	22.7
5		12	13	21.53	21.76	21.7	22.7
5		25	0	21.7	21.63	21.63	22.7
5	256QAM	1	0	20	20.22	20.15	20.7
5		1	12	19.79	20.01	19.79	20.7
5		1	24	19.69	19.89	19.92	20.7
5		12	0	19.71	19.82	19.82	20.7
5		12	7	19.67	19.76	19.72	20.7
5		12	13	19.63	19.8	19.79	20.7
5		25	0	19.76	19.82	19.72	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	847.5	
3	QPSK	1	0	21.73	21.88	21.75	22.7
3		1	8	21.81	21.86	21.64	22.7
3		1	14	21.75	21.77	21.7	22.7
3		8	0	21.66	21.71	21.72	22.7
3		8	4	21.67	21.78	21.62	22.7
3		8	7	21.48	21.74	21.57	22.7
3		15	0	21.49	21.53	21.49	22.7
3	16QAM	1	0	21.53	21.58	21.64	22.7
3		1	8	21.53	21.63	21.62	22.7
3		1	14	21.58	21.5	21.66	22.7
3		8	0	21.7	21.55	21.6	22.7
3		8	4	21.73	21.75	21.67	22.7
3		8	7	21.73	21.56	21.64	22.7
3		15	0	21.6	21.7	21.7	22.7
3	64QAM	1	0	21.67	21.58	21.76	22.7
3		1	8	21.53	21.71	21.64	22.7
3		1	14	21.72	21.66	21.71	22.7
3		8	0	21.79	21.77	21.6	22.7
3		8	4	21.61	21.74	21.66	22.7
3		8	7	21.62	21.75	21.69	22.7
3		15	0	21.77	21.76	21.68	22.7
3	256QAM	1	0	19.96	20.14	20.21	20.7
3		1	8	19.83	19.96	19.89	20.7
3		1	14	19.86	19.97	19.93	20.7
3		8	0	19.69	19.9	19.92	20.7
3		8	4	19.73	19.82	19.74	20.7
3		8	7	19.8	19.9	19.7	20.7
3		15	0	19.74	19.84	19.76	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	21.7	22	21.85	22.7
1.4		1	3	21.75	21.75	21.65	22.7
1.4		1	5	21.73	21.8	21.65	22.7
1.4		3	0	21.68	21.68	21.74	22.7
1.4		3	1	21.65	21.72	21.6	22.7
1.4		3	3	21.47	21.74	21.49	22.7
1.4		6	0	21.48	21.53	21.53	22.7
1.4	16QAM	1	0	21.53	21.62	21.6	22.7
1.4		1	3	21.52	21.64	21.63	22.7
1.4		1	5	21.56	21.54	21.47	22.7
1.4		3	0	21.66	21.57	21.53	22.7
1.4		3	1	21.7	21.65	21.73	22.7
1.4		3	3	21.76	21.62	21.64	22.7
1.4		6	0	21.56	21.72	21.6	22.7
1.4	64QAM	1	0	21.63	21.6	21.64	22.7
1.4		1	3	21.62	21.73	21.74	22.7
1.4		1	5	21.7	21.61	21.73	22.7
1.4		3	0	21.68	21.74	21.63	22.7
1.4		3	1	21.56	21.76	21.71	22.7
1.4		3	3	21.55	21.63	21.8	22.7
1.4		6	0	21.69	21.77	21.67	22.7
1.4	256QAM	1	0	20.01	20.19	20.22	20.7
1.4		1	3	19.89	19.99	19.81	20.7
1.4		1	5	19.88	19.9	19.89	20.7
1.4		3	0	19.71	19.96	19.85	20.7
1.4		3	1	19.79	19.83	19.74	20.7
1.4		3	3	19.72	19.91	19.73	20.7
1.4		6	0	19.64	19.81	19.76	20.7

<LTE Band 71_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133597	133772	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	25.1	25.13	25.12	25.7
20		1	49	24.92	25.06	24.92	25.7
20		1	99	25.03	25.09	25	25.7
20		50	0	24.25	24.3	24.19	24.7
20		50	24	24.15	24.29	24.13	24.7
20		50	50	24.16	24.24	24.12	24.7
20		100	0	24.15	24.32	24.22	24.7
20	16QAM	1	0	24.32	24.4	24.34	24.7
20		1	49	24.27	24.43	24.41	24.7
20		1	99	24.36	24.45	24.3	24.7
20		50	0	23.3	23.36	23.31	23.7
20		50	24	23.29	23.42	23.35	23.7
20		50	50	23.11	23.26	23.21	23.7
20		100	0	23.17	23.34	23.22	23.7
20	64QAM	1	0	23.15	23.31	23.25	23.7
20		1	49	23.24	23.36	23.27	23.7
20		1	99	23.42	23.54	23.52	23.7
20		50	0	22.31	22.36	22.28	22.7
20		50	24	22.17	22.33	22.22	22.7
20		50	50	22.13	22.29	22.17	22.7
20		100	0	22.22	22.29	22.19	22.7
20	256QAM	1	0	20.46	20.63	20.48	20.7
20		1	49	20.52	20.57	20.51	20.7
20		1	99	20.43	20.6	20.45	20.7
20		50	0	20.01	20.09	20.47	20.7
20		50	24	20.45	20.55	20.47	20.7
20		50	50	20.4	20.55	20.47	20.7
20		100	0	20.01	20.07	20.44	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.09	22.06	22.08	25.7
15		1	37	24.79	24.95	24.88	25.7
15		1	74	25	24.95	24.97	25.7
15		36	0	24.21	24.16	24.13	24.7
15		36	20	24.11	24.16	24.13	24.7
15		36	39	24.12	24.12	24.01	24.7
15		75	0	24.02	24.21	24.13	24.7
15	16QAM	1	0	24.22	24.37	24.25	24.7
15		1	37	24.16	24.36	24.29	24.7
15		1	74	24.36	24.36	24.32	24.7
15		36	0	23.21	23.22	23.22	23.7
15		36	20	23.16	23.28	23.29	23.7
15		36	39	23.07	23.24	23.14	23.7
15		75	0	23.15	23.33	23.21	23.7
15	64QAM	1	0	23.04	23.22	23.12	23.7
15		1	37	23.13	23.27	23.16	23.7
15		1	74	23.29	23.53	23.45	23.7
15		36	0	22.26	22.3	22.26	22.7
15		36	20	22.1	22.31	22.19	22.7
15		36	39	22.09	22.27	22.04	22.7
15		75	0	22.12	22.2	22.17	22.7
15	256QAM	1	0	20.41	20.49	20.33	20.7
15		1	37	20.48	20.55	20.44	20.7
15		1	74	20.4	20.39	20.34	20.7
15		36	0	20.44	20.45	20.43	20.7
15		36	20	20.31	20.51	20.4	20.7
15		36	39	20.31	20.32	20.43	20.7
15		75	0	20.38	20.5	20.33	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	25.01	25.05	25.09	25.7
10		1	25	24.88	24.93	24.91	25.7
10		1	49	24.95	24.97	24.98	25.7
10		25	0	24.21	24.17	24.09	24.7
10		25	12	24.13	24.19	24.16	24.7
10		25	25	24.09	24.15	24.02	24.7
10		50	0	24.13	24.2	24.09	24.7
10	16QAM	1	0	24.24	24.32	24.32	24.7
10		1	25	24.23	24.3	24.39	24.7
10		1	49	24.27	24.33	24.23	24.7
10		25	0	23.16	23.21	23.2	23.7
10		25	12	23.28	23.37	23.2	23.7
10		25	25	23.09	23.24	23.19	23.7
10		50	0	23.04	23.19	23.17	23.7
10	64QAM	1	0	23.02	23.17	23.14	23.7
10		1	25	23.17	23.3	23.17	23.7
10		1	49	23.3	23.51	23.5	23.7
10		25	0	22.29	22.22	22.14	22.7
10		25	12	22.27	22.25	22.23	22.7
10		25	25	22.01	22.27	22.05	22.7
10		50	0	22.2	22.23	22.1	22.7
10	256QAM	1	0	20.38	20.55	20.45	20.7
10		1	25	20.46	20.47	20.45	20.7
10		1	49	20.41	20.48	20.43	20.7
10		25	0	20.4	20.51	20.33	20.7
10		25	12	20.34	20.43	20.33	20.7
10		25	25	20.34	20.52	20.33	20.7
10		50	0	20.39	20.47	20.34	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	25.02	24.99	24.99	25.7
5		1	12	24.79	24.97	24.86	25.7
5		1	24	24.9	24.92	24.88	25.7
5		12	0	24.18	24.16	24.17	24.7
5		12	7	24.08	24.24	24.19	24.7
5		12	13	24.11	24.1	24.08	24.7
5		25	0	24.02	24.28	24.08	24.7
5	16QAM	1	0	24.19	24.34	24.29	24.7
5		1	12	24.15	24.31	24.32	24.7
5		1	24	24.34	24.36	24.27	24.7
5		12	0	23.26	23.26	23.16	23.7
5		12	7	23.23	23.39	23.24	23.7
5		12	13	22.96	23.12	23.16	23.7
5		25	0	23.15	23.3	23.13	23.7
5	64QAM	1	0	23.11	23.28	23.22	23.7
5		1	12	23.1	23.34	23.19	23.7
5		1	24	23.39	23.44	23.4	23.7
5		12	0	22.22	22.33	22.15	22.7
5		12	7	22.14	22.23	22.2	22.7
5		12	13	22.09	22.26	22.15	22.7
5		25	0	22.14	22.19	22.16	22.7
5	256QAM	1	0	20.44	20.52	20.37	20.7
5		1	12	20.41	20.54	20.42	20.7
5		1	24	20.43	20.52	20.31	20.7
5		12	0	20.38	20.44	20.4	20.7
5		12	7	20.33	20.49	20.37	20.7
5		12	13	20.3	20.45	20.36	20.7
5		25	0	20.45	20.55	20.43	20.7

<LTE Band 2_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.09	23.16	23.08	23.7
20		1	49	23.02	23.05	23.09	23.7
20		1	99	23.01	23.03	23.03	23.7
20		50	0	22.91	23.06	22.92	23.7
20		50	24	22.85	23.01	22.89	23.7
20		50	50	22.86	22.89	22.87	23.7
20		100	0	22.78	23.0	22.75	23.7
20	16QAM	1	0	22.8	22.88	22.9	23.7
20		1	49	22.92	22.88	22.89	23.7
20		1	99	22.85	22.78	22.94	23.7
20		50	0	22.85	22.86	22.94	23.7
20		50	24	23.03	22.87	23.09	23.7
20		50	50	22.85	23.0	22.89	23.7
20		100	0	22.82	23.07	22.95	23.7
20	64QAM	1	0	23.35	23.47	23.31	23.7
20		1	49	23.45	23.55	23.45	23.7
20		1	99	23.35	23.46	23.27	23.7
20		50	0	22.03	22.1	21.95	22.7
20		50	24	22.1	22.16	22.01	22.7
20		50	50	22.15	22.26	22.11	22.7
20		100	0	21.7	21.85	21.72	22.7
20	256QAM	1	0	20.14	20.3	20.2	20.7
20		1	49	20.18	20.24	20.15	20.7
20		1	99	20.06	20.16	19.98	20.7
20		50	0	19.96	20.12	20.04	20.7
20		50	24	20.2	20.26	20.08	20.7
20		50	50	20.11	20.25	20.18	20.7
20		100	0	20.23	20.27	20.2	20.7
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.07	23.09	23.07	23.7
15		1	37	22.93	23.02	22.99	23.7
15		1	74	22.93	22.93	23.01	23.7
15		36	0	22.82	22.94	22.77	23.7
15		36	20	22.72	23	22.83	23.7
15		36	39	22.82	22.8	22.79	23.7
15		75	0	22.74	22.75	22.62	23.7
15	16QAM	1	0	22.67	22.78	22.84	23.7
15		1	37	22.81	22.83	22.76	23.7
15		1	74	22.93	22.84	22.89	23.7
15		36	0	22.9	22.78	22.85	23.7
15		36	20	22.9	22.81	23.06	23.7
15		36	39	22.82	22.86	22.86	23.7
15		75	0	22.8	23.03	22.93	23.7
15	64QAM	1	0	23.24	23.32	23.23	23.7
15		1	37	23.4	23.42	23.3	23.7
15		1	74	23.21	23.35	23.24	23.7
15		36	0	21.98	22.07	21.88	22.7
15		36	20	22.08	22.16	21.97	22.7
15		36	39	22.12	22.15	22.09	22.7
15		75	0	21.59	21.84	21.7	22.7
15	256QAM	1	0	20.05	20.16	20.14	20.7
15		1	37	20.08	20.23	20.12	20.7
15		1	74	20.03	20.09	19.97	20.7
15		36	0	19.94	20.05	19.94	20.7
15		36	20	20.07	20.25	19.97	20.7
15		36	39	19.99	20.15	20.17	20.7
15		75	0	20.1	20.17	20.18	20.7
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
10	QPSK	1	0	23.07	23.14	23.06	23.7
10		1	25	23	22.95	22.99	23.7
10		1	49	22.96	22.97	22.98	23.7
10		25	0	22.87	22.91	22.92	23.7
10		25	12	22.81	22.94	22.77	23.7
10		25	25	22.78	22.81	22.82	23.7
10		50	0	22.75	22.84	22.69	23.7
10	16QAM	1	0	22.72	22.86	22.78	23.7
10		1	25	22.77	22.78	22.88	23.7
10		1	49	22.92	22.89	22.92	23.7
10		25	0	22.81	22.78	22.91	23.7
10		25	12	22.83	22.8	23.07	23.7
10		25	25	22.92	22.87	22.94	23.7
10		50	0	22.71	23.04	22.89	23.7
10	64QAM	1	0	23.27	23.44	23.22	23.7
10		1	25	23.44	23.43	23.39	23.7
10		1	49	23.33	23.32	23.21	23.7
10		25	0	21.98	21.98	21.93	22.7
10		25	12	22.03	22.14	21.96	22.7
10		25	25	22.04	22.17	22.05	22.7
10		50	0	21.69	21.75	21.67	22.7
10	256QAM	1	0	20.06	20.25	20.13	20.7
10		1	25	20.11	20.15	20.04	20.7
10		1	49	19.94	20.12	19.95	20.7
10		25	0	19.88	20	19.95	20.7
10		25	12	20.08	20.17	20.05	20.7
10		25	25	19.97	20.22	20.05	20.7
10		50	0	20.21	20.22	20.1	20.7
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.02	23.17	23.02	23.7
5		1	12	22.93	22.93	23.07	23.7
5		1	24	22.87	22.88	22.94	23.7
5		12	0	22.86	22.88	22.89	23.7
5		12	7	22.83	22.87	22.75	23.7
5		12	13	22.82	22.74	22.84	23.7
5		25	0	22.68	22.77	22.73	23.7
5	16QAM	1	0	22.67	22.75	22.88	23.7
5		1	12	22.85	22.82	22.75	23.7
5		1	24	22.83	22.69	22.81	23.7
5		12	0	22.85	22.74	22.91	23.7
5		12	7	22.93	22.82	22.98	23.7
5		12	13	22.88	22.73	22.91	23.7
5		25	0	22.73	23.02	22.94	23.7
5	64QAM	1	0	23.26	23.34	23.25	23.7
5		1	12	23.32	23.52	23.31	23.7
5		1	24	23.21	23.31	23.19	23.7
5		12	0	21.93	22.09	21.84	22.7
5		12	7	21.99	22.08	21.89	22.7
5		12	13	22.04	22.2	22.07	22.7
5		25	0	21.57	21.76	21.6	22.7
5	256QAM	1	0	20.12	20.2	20.09	20.7
5		1	12	20.12	20.15	20.03	20.7
5		1	24	19.96	20.14	19.96	20.7
5		12	0	19.93	20.06	19.91	20.7
5		12	7	20.11	20.22	19.95	20.7
5		12	13	19.97	20.16	20.17	20.7
5		25	0	20.11	20.25	20.16	20.7
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.06	23.07	23.05	23.7
3		1	8	23.01	22.95	22.95	23.7
3		1	14	22.99	22.95	22.93	23.7
3		8	0	22.78	22.94	22.86	23.7
3		8	4	22.71	22.86	22.86	23.7
3		8	7	22.72	22.86	22.85	23.7
3		15	0	22.76	22.85	22.62	23.7
3	16QAM	1	0	22.7	22.76	22.76	23.7
3		1	8	22.85	22.79	22.82	23.7
3		1	14	22.72	22.67	22.87	23.7
3		8	0	22.94	22.9	22.91	23.7
3		8	4	22.93	22.94	23.03	23.7
3		8	7	22.85	22.76	22.94	23.7
3		15	0	22.68	23	22.87	23.7
3	64QAM	1	0	23.29	23.36	23.2	23.7
3		1	8	23.4	23.45	23.39	23.7
3		1	14	23.27	23.44	23.15	23.7
3		8	0	22	21.95	21.9	22.7
3		8	4	21.98	22.14	21.88	22.7
3		8	7	22.01	22.14	22.07	22.7
3		15	0	21.8	21.73	21.58	22.7
3	256QAM	1	0	20.07	20.26	20.12	20.7
3		1	8	20.14	20.1	20.06	20.7
3		1	14	19.94	20.06	19.92	20.7
3		8	0	19.87	20	20.01	20.7
3		8	4	20.09	20.16	20.03	20.7
3		8	7	20.08	20.16	20.15	20.7
3		15	0	20.21	20.19	20.12	20.7
Channel				18660	18900	19140	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.08	23.06	23.05	23.7
1.4		1	3	22.94	22.94	22.98	23.7
1.4		1	5	22.89	22.86	22.96	23.7
1.4		3	0	22.83	22.93	22.84	23.7
1.4		3	1	22.71	22.83	22.86	23.7
1.4		3	3	22.79	22.84	22.72	23.7
1.4		6	0	22.74	22.88	22.67	23.7
1.4	16QAM	1	0	22.73	22.78	22.87	23.7
1.4		1	3	22.9	22.85	22.87	23.7
1.4		1	5	22.75	22.71	22.91	23.7
1.4		3	0	22.88	22.74	22.89	23.7
1.4		3	1	22.92	22.83	22.94	23.7
1.4		3	3	22.81	22.78	22.97	23.7
1.4		6	0	22.69	22.99	22.85	23.7
1.4	64QAM	1	0	23.2	23.34	23.39	23.7
1.4		1	3	23.32	23.51	23.35	23.7
1.4		1	5	23.27	23.35	23.25	23.7
1.4		3	0	22.96	23.04	22.92	23.7
1.4		3	1	23.04	23.07	23	23.7
1.4		3	3	23.01	23.14	23.05	23.7
1.4		6	0	21.89	21.89	21.89	22.7
1.4	256QAM	1	0	20.03	20.27	20.12	20.7
1.4		1	3	20.07	20.1	20.03	20.7
1.4		1	5	20.05	20.1	19.98	20.7
1.4		3	0	19.82	20.06	19.96	20.7
1.4		3	1	20.15	20.18	19.98	20.7
1.4		3	3	19.98	20.12	20.11	20.7
1.4		6	0	20.21	20.21	20.19	20.7

<LTE Band 4_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.14	25.16	25.09	25.7
20		1	49	24.83	24.96	24.76	25.7
20		1	99	24.87	24.98	24.79	25.7
20		50	0	23.87	24.1	23.92	24.7
20		50	24	23.95	24.09	23.89	24.7
20		50	50	23.91	24.06	23.83	24.7
20		100	0	24	24.16	24.02	24.7
20	16QAM	1	0	24.06	24.2	24.05	24.7
20		1	49	23.93	24.08	23.95	24.7
20		1	99	23.92	24.06	23.95	24.7
20		50	0	23.87	23.91	23.85	23.7
20		50	24	23.89	23.92	23.85	23.7
20		50	50	23.91	23.91	23.81	23.7
20		100	0	23.83	23.91	22.89	23.7
20	64QAM	1	0	22.95	23.11	22.95	23.7
20		1	49	23.09	23.16	22.92	23.7
20		1	99	22.99	23.16	23.03	23.7
20		50	0	22.1	22.16	22	22.7
20		50	24	21.8	21.96	21.76	22.7
20		50	50	21.94	22.07	21.88	22.7
20		100	0	21.94	22	21.79	22.7
20	256QAM	1	0	20.06	20.12	19.95	20.7
20		1	49	20.04	20.11	19.91	20.7
20		1	99	20.02	20.12	19.96	20.7
20		50	0	20.09	20.2	19.99	20.7
20		50	24	20.16	20.21	20.03	20.7
20		50	50	19.98	20.05	19.87	20.7
20		100	0	19.92	20	19.78	20.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.07	25.1	25.04	25.7
15		1	37	24.8	24.86	24.73	25.7
15		1	74	24.85	24.89	24.73	25.7
15		36	0	23.77	23.86	23.71	24.7
15		36	20	23.86	23.87	23.88	24.7
15		36	39	23.89	23.87	23.76	24.7
15		75	0	23.67	24.03	24.03	24.7
15	16QAM	1	0	24.01	24.16	23.99	24.7
15		1	37	23.85	23.95	23.84	24.7
15		1	74	23.82	23.96	23.7	24.7
15		36	0	22.93	23.17	22.94	23.7
15		36	20	22.96	23.17	22.96	23.7
15		36	39	22.95	23.09	22.96	23.7
15	64QAM	1	0	22.93	23.03	22.83	23.7
15		1	37	22.86	22.96	22.93	23.7
15		1	74	22.95	23.09	22.96	23.7
15		36	0	22.96	23.05	23.02	23.7
15		36	20	22.08	22.13	21.89	22.7
15		36	39	21.72	21.84	21.73	22.7
15		75	0	21.87	22.01	21.82	22.7
15	256QAM	1	0	21.93	21.95	21.7	22.7
15		1	37	20.02	20.04	19.95	20.7
15		1	74	20	19.97	19.86	20.7
15		36	0	19.92	20.07	19.96	20.7
15		36	20	20.05	20.17	19.96	20.7
15		36	39	19.99	20.01	19.85	20.7
15		75	0	19.85	19.98	19.77	20.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.1	25.17	24.97	25.7
10		1	25	24.79	24.89	24.72	25.7
10		1	49	24.8	24.82	24.67	25.7
10		25	0	23.73	23.93	23.82	24.7
10		25	12	23.82	24.01	23.81	24.7
10		25	25	23.88	23.99	23.72	24.7
10		50	0	23.84	24.07	24.04	24.7
10	16QAM	1	0	24.05	24.12	23.96	24.7
10		1	25	23.87	23.92	23.87	24.7
10		1	49	23.79	23.94	23.76	24.7
10		25	0	23.05	23.09	22.95	23.7
10		25	12	23.03	23.13	22.97	23.7
10		25	25	22.95	22.96	22.93	23.7
10		50	0	22.9	22.98	22.81	23.7
10	64QAM	1	0	22.94	23.08	22.9	23.7
10		1	25	23.01	23.06	22.9	23.7
10		1	49	22.87	23.03	23.01	23.7
10		25	0	21.97	22.09	21.85	22.7
10		25	12	21.79	21.87	21.71	22.7
10		25	25	21.85	21.95	21.87	22.7
10		50	0	21.82	21.96	21.78	22.7
10	256QAM	1	0	19.99	20.08	19.9	20.7
10		1	25	19.93	19.98	19.77	20.7
10		1	49	19.91	20	19.94	20.7
10		25	0	19.86	20.13	19.95	20.7
10		25	12	20.02	20.13	20.02	20.7
10		25	25	19.97	20	19.91	20.7
10		50	0	19.84	19.96	19.77	20.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	25.08	25.1	24.96	25.7
5		1	12	24.8	24.92	24.67	25.7
5		1	24	24.82	24.84	24.62	25.7
5		12	0	23.82	24.01	23.75	24.7
5		12	7	23.91	24	23.84	24.7
5		12	13	23.89	23.95	23.79	24.7
5		25	0	23.87	24.1	24.01	24.7
5	16QAM	1	0	24.05	24.16	24.01	24.7
5		1	12	23.91	24.05	23.93	24.7
5		1	24	23.79	23.96	23.8	24.7
5		12	0	23.01	23.11	23.03	23.7
5		12	7	23.04	23.14	23.01	23.7
5		12	13	22.97	23.1	22.97	23.7
5		25	0	22.98	23.05	22.76	23.7
5	64QAM	1	0	22.97	23	22.99	23.7
5		1	12	23.03	23.09	22.89	23.7
5		1	24	22.95	23.08	22.93	23.7
5		12	0	22.04	22.11	21.91	22.7
5		12	7	21.88	21.97	21.87	22.7
5		12	13	21.81	22.03	21.76	22.7
5		25	0	21.89	21.88	21.75	22.7
5	256QAM	1	0	20.02	20.11	19.92	20.7
5		1	12	19.94	20.06	19.8	20.7
5		1	24	19.89	20.03	19.95	20.7
5		12	0	19.99	20.09	19.89	20.7
5		12	7	20.08	20.15	19.92	20.7
5		12	13	19.92	19.91	19.85	20.7
5		25	0	19.77	19.94	19.84	20.7
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.1	25.17	24.98	25.7
3		1	8	24.89	24.96	24.89	25.7
3		1	14	24.79	24.94	24.69	25.7
3		8	0	23.82	23.91	23.81	24.7
3		8	4	23.83	24.07	23.8	24.7
3		8	7	23.82	23.92	23.72	24.7
3		15	0	23.93	24.05	23.96	24.7
3	16QAM	1	0	23.97	24.06	23.96	24.7
3		1	8	23.87	23.96	23.92	24.7
3		1	14	23.88	23.97	23.83	24.7
3		8	0	22.96	23.16	22.96	23.7
3		8	4	22.95	23.17	23.03	23.7
3		8	7	22.89	23.06	22.99	23.7
3		15	0	22.95	23.01	22.85	23.7
3	64QAM	1	0	23.01	23.09	22.99	23.7
3		1	8	22.98	23.12	22.9	23.7
3		1	14	22.94	23.03	22.94	23.7
3		8	0	22.03	22.16	21.96	22.7
3		8	4	21.85	21.94	21.87	22.7
3		8	7	21.85	21.94	21.76	22.7
3		15	0	21.8	21.97	21.77	22.7
3	256QAM	1	0	20.05	20.03	19.84	20.7
3		1	8	19.92	19.97	19.8	20.7
3		1	14	19.94	20	19.97	20.7
3		8	0	19.89	20.08	19.87	20.7
3		8	4	20.11	20.1	19.93	20.7
3		8	7	19.96	19.96	19.8	20.7
3		15	0	19.77	19.96	19.76	20.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.07	25.14	24.99	25.7
1.4		1	3	24.79	24.96	24.94	25.7
1.4		1	5	24.73	24.95	24.85	25.7
1.4		3	0	24.82	24.95	24.8	25.7
1.4		3	1	24.88	25.08	24.74	25.7
1.4		3	3	24.84	24.92	24.71	25.7
1.4		6	0	23.85	24.13	23.94	24.7
1.4	16QAM	1	0	23.92	24.08	24.01	24.7
1.4		1	3	23.8	24.04	23.94	24.7
1.4		1	5	23.86	23.96	23.71	24.7
1.4		3	0	24.01	24.11	23.97	24.7
1.4		3	1	23.97	24.05	24.01	24.7
1.4		3	3	23.94	23.98	23.9	24.7
1.4		6	0	22.97	22.96	22.81	23.7
1.4	64QAM	1	0	23.02	23.06	22.97	23.7
1.4		1	3	23.05	23.09	22.76	23.7
1.4		1	5	22.85	23.11	22.96	23.7
1.4		3	0	23.02	23.15	22.96	23.7
1.4		3	1	22.71	22.87	22.69	23.7
1.4		3	3	22.87	22.96	22.82	23.7
1.4		6	0	21.89	21.97	21.77	22.7
1.4	256QAM	1	0	20.04	20	19.82	20.7
1.4		1	3	19.93	20.03	19.81	20.7
1.4		1	5	19.92	20.06	19.95	20.7
1.4		3	0	20.01	20.17	19.95	20.7
1.4		3	1	20.01	20.16	19.95	20.7
1.4		3	3	19.94	20.01	19.9	20.7
1.4		6	0	19.83	19.96	19.89	20.7

<LTE Band 7_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.44	23.45	23.39	23.7
20		1	49	23.36	23.37	23.32	23.7
20		1	99	23.41	23.42	23.37	23.7
20		50	0	23.31	23.33	23.26	23.7
20		50	24	23.29	23.33	23.16	23.7
20		50	50	23.26	23.34	23.2	23.7
20		100	0	23.15	23.03	23.04	23.7
20	16QAM	1	0	23.16	23.34	23.22	23.7
20		1	49	23.26	23.21	23.27	23.7
20		1	99	23.36	23.25	23.16	23.7
20		50	0	23.3	23.25	23.25	23.7
20		50	24	23.35	23.23	23.4	23.7
20		50	50	23.31	23.1	23.32	23.7
20		100	0	23.3	23.45	23.43	23.7
20	64QAM	1	0	23.36	23.31	23.44	23.7
20		1	49	23.22	23.28	23.37	23.7
20		1	99	23.3	23.43	23.31	23.7
20		50	0	22.47	22.59	22.44	22.7
20		50	24	22.4	22.53	22.32	22.7
20		50	50	22.35	22.54	22.4	22.7
20		100	0	22.48	22.6	22.37	22.7
20	256QAM	1	0	20.34	20.59	20.44	20.7
20		1	49	20.42	20.54	20.36	20.7
20		1	99	20.3	20.5	20.36	20.7
20		50	0	20.33	20.52	20.36	20.7
20		50	24	20.33	20.48	20.36	20.7
20		50	50	20.14	20.35	20.16	20.7
20		100	0	20.26	20.44	20.3	20.7
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.36	23.36	23.25	23.7
15		1	37	23.22	23.32	23.32	23.7
15		1	74	23.33	23.29	23.31	23.7
15		36

<LTE Band 25_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26540	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.2	23.32	23.21	23.7
20		1	49	23.17	23.12	23.18	23.7
20		1	99	23.17	23.1	23.03	23.7
20		50	0	23.06	23.15	22.96	23.7
20		50	24	23.01	22.98	22.93	23.7
20		50	50	22.94	23.11	22.94	23.7
20		100	0	23.8	22.96	23.83	23.7
20	16QAM	1	0	22.99	23.02	23.03	23.7
20		1	49	22.91	22.92	22.94	23.7
20		1	99	23.02	22.96	23.06	23.7
20		50	0	23.13	22.99	23.06	23.7
20		50	24	23.16	23.03	23.08	23.7
20		50	50	23.16	23.11	23.13	23.7
20		100	0	23.01	23.16	23.14	23.7
20	64QAM	1	0	23.06	23.07	23.07	23.7
20		1	49	23.02	23.03	23.17	23.7
20		1	99	23.02	23.24	23.07	23.7
20		50	0	21.97	22.17	22.05	22.7
20		50	24	22	22.21	22.04	22.7
20		50	50	22.11	22.25	22.13	22.7
20		100	0	22.02	22.19	22.07	22.7
20	256QAM	1	0	24.02	25.2	24.06	25.7
20		1	49	20.19	20.31	20.26	20.7
20		1	99	19.93	20.15	20.01	20.7
20		50	0	20.06	20.24	20.08	20.7
20		50	24	20.08	20.22	20.04	20.7
20		50	50	20.1	20.29	20.1	20.7
20		100	0	19.97	20.13	19.92	20.7
Channel				26115	26340	26565	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882	1907.5	
15	QPSK	1	0	23.06	23.3	23.11	23.7
15		1	37	23.06	23.08	23.05	23.7
15		1	74	23.11	23.06	22.98	23.7
15		36	0	22.96	23.13	22.93	23.7
15		36	20	22.88	22.89	22.8	23.7
15		36	39	22.92	23.01	22.97	23.7
15		75	0	22.88	22.95	22.79	23.7
15	16QAM	1	0	22.91	22.97	22.89	23.7
15		1	37	22.78	22.86	22.89	23.7
15		1	74	22.86	22.77	22.89	23.7
15		36	0	23.08	22.86	22.99	23.7
15		36	20	23.05	22.92	23.05	23.7
15		36	39	23.03	23.02	23.1	23.7
15		75	0	22.9	23.08	23.02	23.7
15	64QAM	1	0	23.02	22.93	22.94	23.7
15		1	37	22.91	23.02	23.12	23.7
15		1	74	22.95	23.12	23.06	23.7
15		36	0	21.85	22.14	21.92	22.7
15		36	20	21.97	22.16	21.92	22.7
15		36	39	22.08	22.17	22.04	22.7
15		75	0	21.97	22.05	22.01	22.7
15	256QAM	1	0	19.91	20.14	19.98	20.7
15		1	37	20.08	20.16	20.1	20.7
15		1	74	19.93	20.07	19.93	20.7
15		36	0	19.98	20.12	20.02	20.7
15		36	20	19.96	20.13	19.98	20.7
15		36	39	20	20.2	20.04	20.7
15		75	0	19.92	20.04	19.91	20.7
Channel				26090	26340	26590	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
10	QPSK	1	0	23.17	23.25	23.15	23.7
10		1	25	23.02	22.97	23.18	23.7
10		1	49	23.16	23.01	22.93	23.7
10		25	0	23.02	23.06	22.95	23.7
10		25	12	22.97	22.93	22.91	23.7
10		25	25	22.94	23.03	22.99	23.7
10		50	0	22.86	22.92	22.79	23.7
10	16QAM	1	0	22.87	23.01	22.96	23.7
10		1	25	22.82	22.9	22.8	23.7
10		1	49	22.82	22.86	22.9	23.7
10		25	0	23.12	22.9	23.01	23.7
10		25	13	23.03	22.96	23.01	23.7
10		25	25	23.05	22.97	23.05	23.7
10		50	0	22.89	23.07	22.99	23.7
10	64QAM	1	0	23.02	22.95	23.05	23.7
10		1	25	22.96	22.97	23.05	23.7
10		1	49	22.88	23.19	22.99	23.7
10		25	0	21.94	22.09	22.02	22.7
10		25	12	21.96	22.06	22.03	22.7
10		25	25	22.03	22.22	22.05	22.7
10		50	0	21.96	22.13	21.98	22.7
10	256QAM	1	0	19.94	20.11	20.01	20.7
10		1	25	20.15	20.27	20.24	20.7
10		1	49	19.78	20.03	19.99	20.7
10		25	0	19.93	20.14	19.99	20.7
10		25	12	19.96	20.15	19.96	20.7
10		25	25	20.03	20.21	20.07	20.7
10		50	0	19.92	20.06	19.98	20.7
Channel				26065	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1850.0	1880	1910.0	
8	QPSK	1	0	23.18	23.24	23.15	23.7
8		1	12	23.14	22.98	23.13	23.7
8		1	24	23.16	22.96	22.96	23.7
8		12	0	22.97	23.02	22.91	23.7
8		12	7	22.91	22.94	22.91	23.7
8		12	13	22.89	22.97	22.9	23.7
8		25	0	22.79	22.93	22.71	23.7
8	16QAM	1	0	22.86	23	22.95	23.7
8		1	12	22.83	22.77	22.9	23.7
8		1	24	22.9	22.78	22.85	23.7
8		12	0	23.03	22.89	22.91	23.7
8		12	7	23.07	22.94	22.98	23.7
8		12	13	23.07	23.07	23.08	23.7
8		25	0	22.87	23.12	23.08	23.7
8	64QAM	1	0	23.02	22.87	23.02	23.7
8		1	12	22.88	22.93	23.04	23.7
8		1	24	22.97	23.1	22.97	23.7
8		12	0	21.87	22.05	21.94	22.7
8		12	7	21.88	22.2	22.01	22.7
8		12	13	22	22.22	22.02	22.7
8		25	0	21.97	22.06	22	22.7
8	256QAM	1	0	19.94	20.05	19.96	20.7
8		1	12	20.1	20.21	20.16	20.7
8		1	24	19.96	20.09	19.95	20.7
8		12	0	20.04	20.22	19.97	20.7
8		12	7	20.02	20.11	19.96	20.7
8		12	13	20.08	20.21	20.02	20.7
8		25	0	19.93	20.03	19.88	20.7
Channel				26050	26340	26630	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.06	23.17	23.19	23.7
3		1	8	23.11	22.98	23.17	23.7
3		1	14	23.06	23	22.95	23.7
3		8	0	22.94	23.01	22.95	23.7
3		8	4	22.89	22.85	22.87	23.7
3		8	7	22.9	23.08	22.92	23.7
3		15	0	22.71	22.88	22.69	23.7
3	16QAM	1	0	22.95	22.91	22.93	23.7
3		1	8	22.88	22.95	22.92	23.7
3		1	14	22.85	22.86	22.86	23.7
3		8	0	22.99	22.92	22.99	23.7
3		8	4	23.03	22.95	22.98	23.7
3		8	7	23.12	23.06	23	23.7
3		15	0	22.86	23.13	22.99	23.7
3	64QAM	1	0	23.02	23.02	22.93	23.7
3		1	8	22.96	22.94	23.04	23.7
3		1	14	22.92	23.17	22.99	23.7
3		8	0	21.97	22.14	22.02	22.7
3		8	4	21.86	22.12	21.95	22.7
3		8	7	21.97	22.14	22	22.7
3		15	0	21.92	22.07	21.93	22.7
3	256QAM	1	0	19.88	20.11	19.97	20.7
3		1	8	20.13	20.2	20.13	20.7
3		1	14	19.93	20.06	19.97	20.7
3		8	0	19.97	20.13	19.98	20.7
3		8	4	20	20.14	19.97	20.7
3		8	7	20.06	20.22	20.09	20.7
3		15	0	19.83	20.02	19.8	20.7
Channel				26040	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.07	23.26	23.13	23.7
1.4		1	3	23.08	23.01	23.1	23.7
1.4		1	5	23.02	22.97	23.01	23.7
1.4		3	0	23	23.13	22.93	23.7
1.4		3	1	23	22.93	22.88	23.7
1.4		3	3	22.93	23.02	22.99	23.7
1.4		6	0	22.78	22.83	22.72	23.7
1.4	16QAM	1	0	22.9	22.97	22.99	23.7
1.4		1	3	22.89	22.91	22.95	23.7
1.4		1	5	22.95	22.75	22.96	23.7
1.4		3	0	23.02	22.88	23.04	23.7
1.4		3	1	23.15	22.95	23.05	23.7
1.4		3	3	23.1	23.07	23.07	23.7
1.4		6	0	22.99	23.09	23.11	23.7
1.4	64QAM	1	0	22.97	23.04	23.04	23.7
1.4		1	3	22.98	22.9	23.1	23.7
1.4		1	5	23	23.21	22.98	23.7
1.4		3	0	22.98	23.08	23.04	23.7
1.4		3	1	22.94	23.17	22.97	23.7
1.4		3	3	23.08	23.1	23.07	23.7
1.4		6	0	21.91	22.09	21.98	22.7
1.4	256QAM	1	0	19.96	20.12	20.02	20.7
1.4		1	3	20.07	20.17	20.11	20.7
1.4		1	5	19.91	20.05	19.95	20.7
1.4		3	0	19.92	20.13	20.02	20.7
1.4		3	1	19.95	20.17	19.99	20.7
1.4		3	3	20.05	20.18	20.03	20.7
1.4		6	0	19.83	20.04	19.91	20.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	25.15	25.3	25.19	25.7
20		1	49	25.03	25.08	25.12	25.7
20		1	99	25.07	25.23	25.05	25.7
20		50	0	24.08	24.3	24.1	24.7
20		50	24	23.94	24.02	24.03	24.7
20		50	50	24.03	24.27	24.09	24.7
20		100	0	23.9	24.15	24	24.7
20	16QAM	1	0	24.35	24.55	24.32	24.7
20		1	49	24.33	24.55	24.42	24.7
20		1	99	24.33	24.6	24.41	24.7
20		50	0	23.09	23.38	23.12	23.7
20		50	24	23.01	23.28	23.11	23.7
20		50	50	23.1	23.29	23.13	23.7
20		100	0	22.6	22.86	22.74	23.7
20	64QAM	1	0	23.1	23.37	23.15	23.7
20		1	49	23.17	23.39	23.19	23.7
20		1	99	23.26	23.42	23.27	23.7
20		50	0	21.98	22.25	22.01	22.7
20		50	24	22.07	22.24	22.09	22.7
20		50	50	22.17	22.36	22.21	22.7
20		100	0	22.19	22.35	22.15	22.7
20	256QAM	1	0	24	25.24	25.12	25.7
20		1	49	20.29	20.45	20.22	20.7
20		1	99	20.21	20.35	20.13	20.7
20		50	0	20.13	20.33	20.21	20.7
20		50	24	19.98	20.19	20.04	20.7
20		50	50	20.06	20.27	20.16	20.7
20		100	0	20.02	20.16	19.96	20.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.04	25.21	25.09	25.7
15		1	37	25	25.05	25.01	25.7
15		1	74	24.99	25.18	25.03	25.7
15		36	0	24.04	24.22	23.99	24.7
15		36	20	23.91	24.16	23.99	24.7
15		36	39	24.01	24.13	23.95	24.7
15		75	0	23.89	24.09	23.95	24.7
15	16QAM	1	0	24.3	24.47	24.2	24.7
15		1	37	24.29	24.52	24.35	24.7
15		1	74	24.28	24.5	24.29	24.7
15		36	0	22.94	23.2	23.1	23.7
15		36	20	22.92	23.14	23.08	23.7
15		36	39	22.99	23.16	23.02	23.7
15		75	0	22.94	22.78	22.7	23.7
15	64QAM	1	0	23.08	23.22	23.07	23.7
15		1	37	23.13	23.39	23.12	23.7
15		1	74	23.18	23.29	23.17	23.7
15		36	0	21.87	22.15	21.92	22.7
15		36	20	22.04	22.14	22.05	22.7
15		36	39	22.07	22.25	22.17	22.7
15		75	0	22.16	22.24	22.12	22.7
15	256QAM	1	0	19.91	20.17	20.08	20.7
15		1	37	20.27	20.34	20.19	20.7
15		1	74	20.13	20.21	20.08	20.7
15		36	0	20.06	20.28	20.08	20.7
15		36	20	19.87	20.08	19.89	20.7
15		36	39	19.92	20.19	20.04	20.7
15		75	0	19.95	20.11	19.94	20.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	25.16	25.25	25.15	25.7
10		1	25	24.96	25.21	25	25.7
10		1	49	24.92	25.16	24.92	25.7
10		25	0	23.95	24.17	24.09	24.7
10		25	12	23.84	24.19	24	24.7
10		25	25	24.07	24.17	23.96	24.7
10		50	0	23.91	24.09	23.91	24.7
10	16QAM	1	0	24.24	24.47	24.23	24.7
10		1	25	24.21	24.54	24.32	24.7
10		1	49	24.01	24.54	24.31	24.7
10		25	0	23.01	23.23	23.11	23.7
10		25	13	22.97	23.26	23.09	23.7
10		25	25	22.99	23.16	23.04	23.7
10		50	0	22.97	22.82	22.87	23.7
10	64QAM	1	0	22.98	23.3	23.09	23.7
10		1	25	23.09	23.33	23.11	23.7
10		1	49	23.23	23.36	23.2	23.7
10		25	0	21.95	22.24	21.93	22.7
10		25	12	21.95	22.2	22.07	22.7
10		25	25	22.1	22.26	22.16	22.7
10		50	0	22.14	22.32	22.1	22.7
10	256QAM	1	0	19.96	20.13	20.01	20.7
10		1	25	20.15	20.43	20.11	20.7
10		1	49	20.08	20.22	20.01	20.7
10		25	0	20.1	20.22	20.09	20.7
10		25	12	19.89	20.05	19.98	20.7
10		25	25	19.95	20.13	20.09	20.7
10		50	0	19.9	20.08	19.93	20.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	25.08	25.21	25.14	25.7
5		1	12	24.89	25.2	25.07	25.7
5		1	24	25	25.03	24.93	25.7
5		12	0	24.01	24.16	23.97	24.7
5		12	7	23.89	24.14	24.06	24.7
5		12	13	24.06	24.25	24.02	24.7
5		25	0	23.8	24.11	23.86	24.7
5	16QAM	1	0	24.27	24.52	24.28	24.7
5		1	12	24.27	24.62	24.39	24.7
5		1	24	24.16	24.49	24.38	24.7
5		12	0	22.94	23.17	23.01	23.7
5		12	7	23.05	23.23	23.01	23.7
5		12	13	23.09	23.35	23.11	23.7
5		25	0	22.52	22.83	22.68	23.7
5	64QAM	1	0	23.07	23.34	23.13	23.7
5		1	12	23.09	23.37	23.1	23.7
5		1	24	23.25	23.4	23.13	23.7
5		12	0	21.93	22.16	21.95	22.7
5		12	7	21.95	22.22	21.94	22.7
5		12	13	22.12	22.28	22.12	22.7
5		25	0	22.03	22.24	22.09	22.7
5	256QAM	1	0	19.86	20.2	19.99	20.7
5		1	12	20.17	20.38	20.15	20.7
5		1	24	19.94	20.21	20.04	20.7
5		12	0	20.05	20.25	20.13	20.7
5		12	7	19.9	20.12	19.91	20.7
5		12	13	20.05	20.13	20.14	20.7
5		25	0	19.92	20.05	19.92	20.7
Channel				131967	132322	132677	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	25.07	25.26	25.15	25.7
3		1	8	25.01	25.16	25.08	25.7
3		1	14	24.94	25.21	25.03	25.7
3		8	0	24.05	24.22	24.02	24.7
3		8	4	23.86	24.18	23.97	24.7
3		8	7	23.94	24.23	24.02	24.7
3		15	0	23.83	24.11	23.92	24.7
3	16QAM	1	0	24.24	24.46	24.23	24.7
3		1	8	24.18	24.44	24.28	24.7
3		1	14	24.28	24.58	24.3	24.7
3		8	0	23.03	23.24	23.08	23.7
3		8	4	22.97	23.22	22.97	23.7
3		8	7	22.98	23.24	22.99	23.7
3		15	0	22.49	22.73	22.68	23.7
3	64QAM	1	0	23.03	23.26	23.07	23.7
3		1	8	23.05	23.36	23.15	23.7
3		1	14	23.18	23.33	23.18	23.7
3		8	0	21.98	22.2	21.99	22.7
3		8	4	21.94	22.11	22.06	22.7
3		8	7	22.15	22.26	22.07	22.7
3		15	0	22.14	22.2	22.01	22.7
3	256QAM	1	0	19.89	20.13	20	20.7
3		1	8	20.22	20.4	20.17	20.7
3		1	14	20.12	20.21	20.01	20.7
3		8	0	20.02	20.19	20.12	20.7
3		8	4	19.88	20.08	20.02	20.7
3		8	7	19.91	20.16	20.05	20.7
3		15	0	20.01	20.09	19.83	20.7
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1778.3	
1.4	QPSK	1	0	25.05	25.26	25.07	25.7
1.4		1	3	25.01	25.26	25.04	25.7
1.4		1	5	24.98	25.15	24.95	25.7
1.4		3	0	25.05	25.22	25	25.7
1.4		3	1	24.92	25.1	24.96	25.7
1.4		3	3	25	25.17	25	25.7
1.4		6	0	23.82	24.07	23.88	24.7
1.4	16QAM	1	0	24.31	24.45	24.27	24.7
1.4		1	3	24.18	24.42	24.41	24.7
1.4		1	5	24.23	24.48	24.32	24.7
1.4		3	0	23.95	24.25	24	24.7
1.4		3	1	23.97	24.25	24.03	24.7
1.4		3	3	24.09	24.32	24.11	24.7
1.4		6	0	22.52	22.76	22.61	23.7
1.4	64QAM	1	0	23.06	23.35	23.01	23.7
1.4		1	3	23.15	23.32	23.1	23.7
1.4		1	5	23.23	23.3	23.18	23.7
1.4		3	0	22.97	23.23	22.93	23.7
1.4		3	1	22.99	23.21	23.05	23.7
1.4		3	3	23.05	23.26	23.13	23.7
1.4		6	0	22.1	22.36	22.11	22.7
1.4	256QAM	1	0	19.9	20.11	20.08	20.7
1.4		1	3	20.17	20.3	20.19	20.7
1.4		1	5	20.16	20.29	19.99	20.7
1.4		3	0	20.01	20.31	20.15	20.7
1.4		3	1	19.91	20.08	20.02	20.7
1.4		3	3	19.95	20.15	20.05	20.7
1.4		6	0	19.89	20.1	19.91	20.7

<LTE Band 38_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.4	24.45	24.32	24.7
20		1	49	24.3	24.33	24.3	24.7
20		1	99	24.31	24.39	24.23	24.7
20		50	0	24.2	24.37	24.11	24.7
20		50	24	24.16	24.29	24.02	24.7
20		50	50	24.15	24.29	24.05	24.7
20		100	0	24.24	24.36	24.21	24.7
20	16QAM	1	0	24.11	24.2	23.93	24.7
20		1	49	23.99	24.09	23.92	24.7
20		1	99	23.97	24.07	23.83	24.7
20		50	0	22.98	23.03	22.84	23.7
20		50	24	22.99	23.14	22.99	23.7
20		50	50	23.06	23.14	23.05	23.7
20		100	0	23.02	23.12	22.97	23.7
20	64QAM	1	0	22.92	23.04	22.88	23.7
20		1	49	23.03	23.16	22.97	23.7
20		1	99	23.09	23.25	23.16	23.7
20		50	0	22.09	22.19	22.01	22.7
20		50	24	22.13	22.17	22	22.7
20		50	50	22.12	22.17	22.05	22.7
20		100	0	22.01	22.18	22.11	22.7
20	256QAM	1	0	20.11	20.17	20.08	20.7
20		1	49	19.96	20.08	20.02	20.7
20		1	99	19.94	20.01	19.82	20.7
20		50	0	20.01	20.05	19.95	20.7
20		50	24	20.09	20.19	20.06	20.7
20		50	50	20.12	20.22	20.04	20.7
20		100	0	20.07	20.11	19.92	20.7
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.31	24.41	24.31	24.7
15		1	37	24.3	24.31	24.3	24.7
15		1	74	24.3	24.37	24.31	24.7
15		36	0	24.18	24.25	23.96	24.7
15		36	20	24.15	24.15	23.95	24.7
15		36	39	24.03	24.16	23.96	24.7
15		75	0	24.12	24.32	24.11	24.7
15	16QAM	1	0	24.01	24.18	23.88	24.7
15		1	37	23.98	24.02	23.91	24.7
15		1	74	23.84	23.94	23.7	24.7
15		36	0	23.7	23.69	23.69	23.7
15		36	20	23.7	23.69	23.68	23.7
15		36	39	23.69	23.69	23.68	23.7
15		75	0	22.91	22.89	22.74	23.7
15	64QAM	1	0	22.86	23.01	22.86	23.7
15		1	37	22.92	23.04	22.99	23.7
15		1	74	22.97	23.03	22.84	23.7
15		36	0	22.7	22.7	22.69	22.7
15		36	20	22.7	22.7	22.69	22.7
15		36	39	22.69	22.7	22.69	22.7
15		75	0	22.07	22.1	21.95	22.7
15	256QAM	1	0	20.69	20.68	20.7	20.7
15		1	37	20.7	20.7	20.7	20.7
15		1	74	20.7	20.7	20.7	20.7
15		36	0	20.04	20.05	20.01	20.7
15		36	20	19.88	19.99	19.93	20.7
15		36	39	19.88	19.89	19.69	20.7
15		75	0	19.87	20.02	19.88	20.7
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.3	24.31	24.3	24.7
10		1	25	24.3	24.3	24.3	24.7
10		1	49	24.31	24.32	24.3	24.7
10		25	0	24.14	24.26	24.03	24.7
10		25	12	24.09	24.25	24.01	24.7
10		25	25	24.06	24.19	23.95	24.7
10		50	0	24.22	24.33	24.07	24.7
10	16QAM	1	0	24.01	24.05	23.8	24.7
10		1	25	23.91	23.98	23.84	24.7
10		1	49	23.86	24.04	23.73	24.7
10		25	0	23.7	23.7	23.69	23.7
10		25	12	23.7	23.7	23.7	23.7
10		25	25	23.69	23.7	23.7	23.7
10		50	0	22.92	22.92	22.81	23.7
10	64QAM	1	0	22.92	23.02	22.87	23.7
10		1	25	23.02	23.07	22.99	23.7
10		1	49	22.93	23.07	22.89	23.7
10		25	0	22.7	22.7	22.7	22.7
10		25	12	22.7	22.7	22.7	22.7
10		25	25	22.7	22.7	22.7	22.7
10		50	0	22.02	22.05	21.9	22.7
10	256QAM	1	0	20.68	20.69	20.69	20.7
10		1	25	20.68	20.69	20.7	20.7
10		1	49	20.69	20.68	20.7	20.7
10		25	0	20.04	20.06	19.96	20.7
10		25	12	19.94	20.06	20.01	20.7
10		25	25	19.81	19.93	19.79	20.7
10		50	0	19.86	20.01	19.86	20.7
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.3	24.43	24.32	24.7
5		1	12	24.31	24.3	24.31	24.7
5		1	24	24.3	24.33	24.3	24.7
5		12	0	24.11	24.33	24.1	24.7
5		12	7	24.14	24.26	23.89	24.7
5		12	13	24.04	24.27	23.96	24.7
5		25	0	24.13	24.26	24.14	24.7
5	16QAM	1	0	23.98	24.08	23.81	24.7
5		1	12	23.9	24.05	23.89	24.7
5		1	24	23.9	23.95	23.81	24.7
5		12	0	23.69	23.7	23.69	23.7
5		12	7	23.7	23.68	23.7	23.7
5		12	13	23.7	23.69	23.7	23.7
5		25	0	22.94	22.96	22.81	23.7
5	64QAM	1	0	22.96	23.05	22.9	23.7
5		1	12	22.95	23.03	22.9	23.7
5		1	24	22.94	23.09	22.89	23.7
5		12	0	22.7	22.69	22.69	22.7
5		12	7	22.7	22.69	22.7	22.7
5		12	13	22.7	22.69	22.69	22.7
5		25	0	22	22.12	21.89	22.7
5	256QAM	1	0	20.7	20.69	20.69	20.7
5		1	12	20.68	20.68	20.7	20.7
5		1	24	20.7	20.69	20.7	20.7
5		12	0	19.96	20.15	19.94	20.7
5		12	7	19.93	20.06	19.96	20.7
5		12	13	19.81	19.98	19.8	20.7
5		25	0	19.94	19.98	19.9	20.7

<LTE Band 41_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.4	24.31	24.47	24.41	24.39	24.7
20		1	49	24.21	24.23	24.41	24.3	24.25	24.7
20		1	99	24.24	24.16	24.41	24.25	24.32	24.7
20		50	0	24.28	24.17	24.39	24.21	24.23	24.7
20		50	24	24.06	24.05	24.28	24.16	24.12	24.7
20		50	50	24.2	24.05	24.3	24.2	24.09	24.7
20		100	0	24.16	24.02	24.32	24.21	24.2	24.7
20	16QAM	1	0	24.2	24.17	24.34	24.21	24.24	24.7
20		1	49	24.28	24.23	24.46	24.38	24.25	24.7
20		1	99	24.2	24.19	24.4	24.27	24.21	24.7
20		50	0	23.24	23.16	23.45	23.35	23.23	23.7
20		50	24	23.28	23.24	23.45	23.3	23.22	23.7
20		50	50	23.35	23.29	23.48	23.3	23.35	23.7
20		100	0	23.2	23.23	23.4	23.31	23.3	23.7
20	64QAM	1	0	23.29	23.31	23.5	23.36	23.32	23.7
20		1	49	23.45	23.32	23.6	23.42	23.39	23.7
20		1	99	23.45	23.38	23.57	23.42	23.48	23.7
20		50	0	22.26	22.14	22.38	22.18	22.23	22.7
20		50	24	22.47	22.4	22.58	22.4	22.41	22.7
20		50	50	22.31	22.25	22.42	22.27	22.32	22.7
20		100	0	22.37	22.39	22.56	22.46	22.49	22.7
20	256QAM	1	0	20.26	20.18	20.43	20.27	20.28	20.7
20		1	49	20.44	20.32	20.54	20.38	20.43	20.7
20		1	99	20.22	20.2	20.4	20.33	20.28	20.7
20		50	0	20.47	20.37	20.55	20.43	20.38	20.7
20		50	24	20.3	20.29	20.48	20.36	20.28	20.7
20		50	50	20.39	20.32	20.58	20.48	20.46	20.7
20		100	0	20.45	20.4	20.57	20.51	20.42	20.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.33	24.27	24.32	24.28	24.29	24.7
15		1	37	24.11	24.12	24.29	24.16	24.11	24.7
15		1	74	24.17	24.04	24.34	24.11	24.26	24.7
15		36	0	24.18	24.04	24.38	24.13	24.09	24.7
15		36	20	23.94	24.03	24.24	24.1	24	24.7
15		36	39	24.11	23.94	24.17	24.16	24	24.7
15		75	0	24.08	23.91	24.31	24.08	24.08	24.7
15	16QAM	1	0	24.16	24.13	24.24	24.07	24.23	24.7
15		1	37	24.19	24.19	24.4	24.23	24.2	24.7
15		1	74	24.12	24.1	24.27	24.22	24.12	24.7
15		36	0	23.18	23.09	23.37	23.28	23.17	23.7
15		36	20	23.14	23.16	23.44	23.27	23.16	23.7
15		36	39	23.26	23.2	23.44	23.19	23.3	23.7
15		75	0	23.05	23.12	23.25	23.25	23.25	23.7
15	64QAM	1	0	23.28	23.2	23.44	23.33	23.23	23.7
15		1	37	23.42	23.21	23.58	23.27	23.35	23.7
15		1	74	23.31	23.33	23.51	23.33	23.33	23.7
15		36	0	22.2	22.01	22.25	22.08	22.1	22.7
15		36	20	22.43	22.38	22.49	22.37	22.34	22.7
15		36	39	22.18	22.23	22.36	22.16	22.18	22.7
15		75	0	22.22	22.31	22.49	22.43	22.38	22.7
15	256QAM	1	0	20.22	20.03	20.32	20.15	20.17	20.7
15		1	37	20.31	20.19	20.45	20.26	20.34	20.7
15		1	74	20.1	20.16	20.37	20.3	20.17	20.7
15		36	0	20.38	20.33	20.5	20.29	20.27	20.7
15		36	20	20.26	20.25	20.33	20.33	20.22	20.7
15		36	39	20.29	20.22	20.47	20.4	20.36	20.7
15		75	0	20.31	20.38	20.47	20.36	20.28	20.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.36	24.21	24.33	24.35	24.32	24.7
10		1	25	24.13	24.19	24.3	24.29	24.11	24.7
10		1	49	24.14	24.13	24.29	24.14	24.2	24.7
10		25	0	24.19	24.09	24.3	24.16	24.17	24.7
10		25	12	23.96	23.98	24.25	24.04	24.09	24.7
10		25	25	24.13	23.96	24.18	24.11	24.08	24.7
10		50	0	24.03	23.93	24.22	24.08	24.1	24.7
10	16QAM	1	0	24.18	24.09	24.28	24.06	24.11	24.7
10		1	25	24.27	24.21	24.44	24.32	24.24	24.7
10		1	49	24.1	24.18	24.29	24.24	24.1	24.7
10		25	0	23.18	23.08	23.32	23.21	23.09	23.7
10		25	12	23.22	23.17	23.38	23.21	23.18	23.7
10		25	25	23.27	23.21	23.38	23.26	23.3	23.7
10		50	0	23.1	23.14	23.31	23.25	23.21	23.7
10	64QAM	1	0	23.15	23.29	23.42	23.21	23.21	23.7
10		1	25	23.38	23.2	23.55	23.36	23.27	23.7
10		1	49	23.3	23.23	23.54	23.34	23.44	23.7
10		25	0	22.19	22.09	22.24	22.04	22.1	22.7
10		25	12	22.33	22.33	22.49	22.27	22.38	22.7
10		25	25	22.29	22.1	22.37	22.22	22.25	22.7
10		50	0	22.36	22.32	22.55	22.37	22.46	22.7
10	256QAM	1	0	20.15	20.05	20.4	20.26	20.25	20.7
10		1	25	20.3	20.29	20.51	20.3	20.4	20.7
10		1	49	20.09	20.15	20.31	20.21	20.14	20.7
10		25	0	20.34	20.29	20.42	20.39	20.26	20.7
10		25	12	20.22	20.28	20.45	20.32	20.24	20.7
10		25	25	20.36	20.22	20.5	20.46	20.37	20.7
10		50	0	20.36	20.31	20.43	20.44	20.35	20.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.38	24.2	24.42	24.31	24.34	24.7
5		1	12	24.2	24.09	24.31	24.18	24.2	24.7
5		1	24	24.1	24.08	24.38	24.15	24.25	24.7
5		12	0	24.16	24.06	24.25	24.13	24.12	24.7
5		12	7	24.02	23.93	24.22	24.12	24.07	24.7
5		12	13	24.08	24.04	24.25	24.15	24.02	24.7
5		25	0	24.04	23.94	24.22	24.11	24.1	24.7
5	16QAM	1	0	24.15	24.04	24.26	24.08	24.19	24.7
5		1	12	24.15	24.17	24.33	24.31	24.18	24.7
5		1	24	24.07	24.07	24.29	24.24	24.12	24.7
5		12	0	23.11	23.11	23.3	23.24	23.14	23.7
5		12	7	23.21	23.13	23.38	23.23	23.12	23.7
5		12	13	23.27	23.21	23.46	23.21	23.29	23.7
5		25	0	23.17	23.1	23.36	23.2	23.16	23.7
5	64QAM	1	0	23.21	23.25	23.36	23.22	23.29	23.7
5		1	12	23.33	23.24	23.51	23.32	23.28	23.7
5		1	24	23.42	23.27	23.43	23.35	23.46	23.7
5		12	0	22.21	22.01	22.31	22.16	22.12	22.7
5		12	7	22.36	22.31	22.5	22.37	22.39	22.7
5		12	13	22.17	22.18	22.34	22.16	22.29	22.7
5		25	0	22.27	22.24	22.56	22.36	22.42	22.7
5	256QAM	1	0	20.21	20.14	20.3	20.26	20.25	20.7
5		1	12	20.32	20.27	20.4	20.32	20.28	20.7
5		1	24	20.19	20.15	20.32	20.28	20.21	20.7
5		12	0	20.44	20.32	20.43	20.29	20.34	20.7
5		12	7	20.28	20.19	20.43	20.24	20.23	20.7
5		12	13	20.31	20.31	20.44	20.36	20.33	20.7
5		25	0	20.43	20.3	20.48	20.47	20.29	20.7

<LTE Band 42 (27Q)_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.97	22.98	22.85	23.2
20		1	49	22.84	22.98	22.75	23.2
20		1	99	22.82	22.93	22.66	23.2
20		50	0	22.86	22.91	22.74	23.2
20		50	24	22.69	22.78	22.5	23.2
20		50	50	22.82	22.87	22.65	23.2
20		100	0	22.86	22.88	22.68	23.2
20	16QAM	1	0	22.53	22.69	22.53	23.2
20		1	49	22.65	22.76	22.5	23.2
20		1	99	22.46	22.61	22.46	23.2
20		50	0	22.75	22.78	22.53	23.2
20		50	24	22.61	22.77	22.6	23.2
20		50	50	22.66	22.77	22.61	23.2
20		100	0	22.8	22.87	22.6	23.2
20	64QAM	1	0	22.69	22.79	22.63	23.2
20		1	49	22.57	22.72	22.56	23.2
20		1	99	22.76	22.91	22.66	23.2
20		50	0	22.24	22.36	22.26	22.7
20		50	24	22.22	22.37	22.35	22.7
20		50	50	22.29	22.43	22.29	22.7
20		100	0	22.22	22.36	22.21	22.7
20	256QAM	1	0	20.23	20.3	20.22	20.7
20		1	49	20.2	20.36	20.3	20.7
20		1	99	20.14	20.24	20.13	20.7
20		50	0	20.23	20.4	20.29	20.7
20		50	24	20.32	20.39	20.28	20.7
20		50	50	20.23	20.39	20.23	20.7
20		100	0	20.28	20.34	20.19	20.7
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.94	22.89	22.72	23.2
15		1	37	22.76	22.89	22.69	23.2
15		1	74	22.7	22.88	22.65	23.2
15		36	0	22.75	22.81	22.65	23.2
15		36	20	22.57	22.64	22.38	23.2
15		36	39	22.68	22.8	22.59	23.2
15		75	0	22.79	22.77	22.6	23.2
15	16QAM	1	0	22.39	22.63	22.44	23.2
15		1	37	22.5	22.65	22.43	23.2
15		1	74	22.38	22.48	22.41	23.2
15		36	0	22.61	22.73	22.43	23.2
15		36	20	22.55	22.65	22.51	23.2
15		36	39	22.53	22.75	22.47	23.2
15		75	0	22.72	22.73	22.56	23.2
15	64QAM	1	0	22.63	22.73	22.49	23.2
15		1	37	22.52	22.69	22.49	23.2
15		1	74	22.72	22.76	22.6	23.2
15		36	0	22.11	22.32	22.22	22.7
15		36	20	22.19	22.26	22.33	22.7
15		36	39	22.24	22.31	22.24	22.7
15		75	0	22.14	22.29	22.09	22.7
15	256QAM	1	0	20.14	20.17	20.13	20.7
15		1	37	20.1	20.24	20.27	20.7
15		1	74	20.06	20.18	20.09	20.7
15		36	0	20.19	20.28	20.22	20.7
15		36	20	20.27	20.34	20.26	20.7
15		36	39	20.13	20.36	20.16	20.7
15		75	0	20.16	20.3	20.14	20.7
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.86	22.91	22.73	23.2
10		1	25	22.74	22.85	22.7	23.2
10		1	49	22.69	22.9	22.52	23.2
10		25	0	22.71	22.85	22.67	23.2
10		25	12	22.6	22.71	22.36	23.2
10		25	25	22.78	22.78	22.58	23.2
10		50	0	22.77	22.74	22.64	23.2
10	16QAM	1	0	22.5	22.63	22.41	23.2
10		1	25	22.54	22.67	22.45	23.2
10		1	49	22.44	22.51	22.36	23.2
10		25	0	22.66	22.71	22.48	23.2
10		25	12	22.54	22.72	22.56	23.2
10		25	25	22.65	22.66	22.58	23.2
10		50	0	22.71	22.8	22.58	23.2
10	64QAM	1	0	22.6	22.74	22.59	23.2
10		1	25	22.54	22.63	22.46	23.2
10		1	49	22.67	22.88	22.63	23.2
10		25	0	22.22	22.21	22.24	22.7
10		25	12	22.17	22.24	22.3	22.7
10		25	25	22.21	22.39	22.2	22.7
10		50	0	22.12	22.27	22.09	22.7
10	256QAM	1	0	20.16	20.16	20.19	20.7
10		1	25	20.12	20.29	20.27	20.7
10		1	49	20.1	20.15	20.06	20.7
10		25	0	20.21	20.28	20.21	20.7
10		25	12	20.22	20.24	20.22	20.7
10		25	25	20.15	20.29	20.14	20.7
10		50	0	20.16	20.31	20.16	20.7
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.91	22.87	22.77	23.2
5		1	12	22.71	22.86	22.64	23.2
5		1	24	22.73	22.85	22.58	23.2
5		12	0	22.74	22.86	22.65	23.2
5		12	7	22.6	22.74	22.45	23.2
5		12	13	22.8	22.84	22.61	23.2
5		25	0	22.76	22.81	22.57	23.2
5	16QAM	1	0	22.41	22.62	22.42	23.2
5		1	12	22.62	22.66	22.46	23.2
5		1	24	22.38	22.53	22.41	23.2
5		12	0	22.62	22.73	22.43	23.2
5		12	7	22.57	22.66	22.5	23.2
5		12	13	22.59	22.68	22.48	23.2
5		25	0	22.78	22.72	22.5	23.2
5	64QAM	1	0	22.58	22.65	22.51	23.2
5		1	12	22.52	22.62	22.43	23.2
5		1	24	22.65	22.78	22.53	23.2
5		12	0	22.1	22.33	22.11	22.7
5		12	7	22.11	22.25	22.21	22.7
5		12	13	22.2	22.39	22.21	22.7
5		25	0	22.16	22.29	22.13	22.7
5	256QAM	1	0	20.11	20.16	20.17	20.7
5		1	12	20.08	20.31	20.21	20.7
5		1	24	20.05	20.23	20.02	20.7
5		12	0	20.14	20.37	20.23	20.7
5		12	7	20.27	20.29	20.24	20.7
5		12	13	20.08	20.31	20.16	20.7
5		25	0	20.14	20.33	20.12	20.7

<LTE Band 48_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.21	23.26	23.32	23.25	23.23	24
20		1	49	22.87	22.98	23.13	22.96	23	24
20		1	99	22.96	23.06	23.15	23.07	22.96	24
20		50	0	22.98	23.18	23.3	23.19	22.91	24
20		50	24	22.91	23.07	23.3	23.12	22.83	24
20		50	50	22.93	23.12	23.29	23.16	22.83	24
20		100	0	22.92	23.12	23.32	23.18	23.05	24
20	16QAM	1	0	22.97	23.08	23.27	23.14	23.02	24
20		1	49	23.28	23.39	23.58	23.49	23.3	24
20		1	99	22.94	23.02	23.22	23.12	22.92	24
20		50	0	21.94	22.16	22.29	22.21	21.97	23
20		50	24	21.93	22.06	22.29	22.22	21.94	23
20		50	50	22	22.1	22.29	22.19	22.05	23
20		100	0	21.91	22.05	22.2	22.14	21.93	23
20	64QAM	1	0	21.83	21.97	22.18	22.04	21.82	23
20		1	49	21.94	22.13	22.24	22.19	21.92	23
20		1	99	21.9	22.07	22.23	22.13	21.9	23
20		50	0	21.02	21.08	21.29	21.23	20.99	22
20		50	24	20.94	21.2	21.31	21.25	21.01	22
20		50	50	20.98	21.14	21.29	21.18	21.05	22
20		100	0	20.94	21.06	21.24	21.2	20.9	22
20	256QAM	1	0	18.9	18.95	19.15	19.09	18.9	20
20		1	49	19.1	19.24	19.41	19.31	19.08	20
20		1	99	18.7	18.96	19.06	18.94	18.76	20
20		50	0	19.04	19.13	19.31	19.17	19.01	20
20		50	24	18.97	19.17	19.27	19.13	18.99	20
20		50	50	19.04	19.18	19.28	19.22	18.98	20
20		100	0	18.99	19.05	19.27	19.14	18.94	20
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.16	23.24	23.18	23.23	23.08	24
15		1	37	22.76	22.94	23.02	22.87	22.88	24
15		1	74	22.81	22.94	23.12	22.99	22.81	24
15		36	0	22.91	23.13	23.18	23.12	22.84	24
15		36	20	22.96	23.06	23.21	23.14	22.85	24
15		36	39	22.79	22.99	23.23	23.14	22.89	24
15		75	0	22.85	23.03	23.25	23.14	22.96	24
15	16QAM	1	0	22.83	23.02	23.16	23.08	22.89	24
15		1	37	23.14	23.33	23.54	23.4	23.28	24
15		1	74	22.83	22.95	23.2	22.98	22.86	24
15		36	0	21.91	22.07	22.26	22.12	21.88	23
15		36	20	21.84	22.05	22.22	22.12	21.9	23
15		36	39	21.98	21.98	22.25	22.11	21.91	23
15		75	0	21.83	21.97	22.09	22.06	21.85	23
15	64QAM	1	0	21.78	21.84	22.1	21.92	21.76	23
15		1	37	21.84	22.12	22.2	22.18	21.85	23
15		1	74	21.76	21.97	22.11	22.02	21.83	23
15		36	0	20.94	21.06	21.23	21.19	20.88	22
15		36	20	20.82	21.06	21.19	21.19	20.92	22
15		36	39	20.87	21.05	21.16	21.08	20.94	22
15		75	0	20.89	20.92	21.13	21.1	20.78	22
15	256QAM	1	0	18.88	18.83	19.13	19.08	18.78	20
15		1	37	19.01	19.1	19.35	19.18	18.99	20
15		1	74	18.58	18.82	18.94	18.87	18.74	20
15		36	0	19.01	19.06	19.21	19.15	18.93	20
15		36	20	18.93	19.1	19.19	19.09	18.88	20
15		36	39	18.94	19.17	19.21	19.15	18.87	20
15		75	0	18.87	18.9	19.18	19.05	18.84	20
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.07	23.16	23.27	23.13	23.12	24
10		1	25	22.73	22.94	23.02	22.84	22.86	24
10		1	49	22.87	22.96	23	22.97	22.93	24
10		25	0	22.97	23.05	23.23	23.05	22.83	24
10		25	12	22.85	22.96	23.17	23.11	22.83	24
10		25	25	22.79	23.02	23.14	23.04	22.89	24
10		50	0	22.79	23.07	23.21	23.15	22.93	24
10	16QAM	1	0	22.96	23.01	23.21	23.07	22.94	24
10		1	25	23.16	23.29	23.54	23.38	23.24	24
10		1	49	22.9	23.01	23.16	23.06	22.91	24
10		25	0	21.92	22.15	22.16	22.15	21.86	23
10		25	12	21.89	21.93	22.23	22.16	21.89	23
10		25	25	21.95	22.03	22.21	22.16	21.99	23
10		50	0	21.87	22.02	22.18	22.07	21.79	23
10	64QAM	1	0	21.79	21.88	22.16	22.03	21.69	23
10		1	25	21.81	21.99	22.22	22.09	21.89	23
10		1	49	21.83	22	22.15	21.98	21.89	23
10		25	0	20.93	20.96	21.26	21.09	20.86	22
10		25	12	20.84	21.12	21.25	21.12	20.93	22
10		25	25	20.93	21.04	21.27	21.04	20.93	22
10		50	0	20.85	20.93	21.19	21.13	20.77	22
10	256QAM	1	0	18.76	18.85	19.07	18.94	18.84	20
10		1	25	18.96	19.17	19.34	19.21	18.99	20
10		1	49	18.68	18.83	18.93	18.9	18.73	20
10		25	0	18.94	18.99	19.25	19.03	18.91	20
10		25	12	18.85	19.04	19.21	19.11	18.89	20
10		25	25	18.98	19.1	19.14	19.2	18.84	20
10		50	0	18.93	19.01	19.16	19.05	18.8	20
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.13	23.12	23.29	23.12	23.15	24
5		1	12	22.8	22.91	23.07	22.82	22.92	24
5		1	24	22.9	23	23.09	23	22.9	24
5		12	0	22.85	23.06	23.2	23.05	22.87	24
5		12	7	22.94	22.94	23.24	23.13	22.87	24
5		12	13	22.86	23.07	23.25	23.06	22.88	24
5		25	0	22.9	23.01	23.22	23.07	23	24
5	16QAM	1	0	22.95	22.93	23.15	23.05	22.94	24
5		1	12	23.21	23.37	23.46	23.35	23.24	24
5		1	24	22.9	22.93	23.17	23.05	22.89	24
5		12	0	21.83	22.04	22.19	22.14	21.86	23
5		12	7	21.82	21.92	22.21	22.15	21.92	23
5		12	13	21.85	22.03	22.26	22.04	21.99	23
5		25	0	21.87	22.01	22.21	21.99	21.89	23
5	64QAM	1	0	21.71	21.91	22.17	22.02	21.67	23
5		1	12	21.84	22.08	22.21	22.09	21.8	23
5		1	24	21.85	21.95	22.16	22.01	21.82	23
5		12	0	20.9	21.06	21.2	21.09	20.97	22
5		12	7	20.79	21.1	21.23	21.19	20.88	22
5		12	13	20.97	21.01	21.28	21.03	20.93	22
5		25	0	20.81	21.03	21.17	21.17	20.86	22
5	256QAM	1	0	18.77	18.83	19.05	19.04	18.85	20
5		1	12	18.99	19.13	19.29	19.23	19.01	20
5		1	24	18.64	18.81	18.95	18.82	18.64	20
5		12	0	18.97	19.11	19.17	19.08	18.91	20
5		12	7	18.87	19.09	19.18	19.08	18.98	20
5		12	13	19	19.16	19.21	19.12	18.9	20
5		25	0	18.85	19	19.15	19.1	18.93	20

<LTE Band 2_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.68	18.61	18.68	19.5
20		1	49	18.77	18.68	18.67	19.5
20		1	99	18.68	18.64	18.69	19.5
20		50	0	18.51	18.76	18.62	19.5
20		50	24	18.53	18.57	18.57	19.5
20		50	50	18.51	18.61	18.48	19.5
20		100	0	18.33	18.5	18.34	19.5
20	16QAM	1	0	18.48	18.52	18.62	19.5
20		1	49	18.53	18.45	18.58	19.5
20		1	99	18.5	18.58	18.51	19.5
20		50	0	18.61	18.5	18.58	19.5
20		50	24	18.68	18.64	18.73	19.5
20		50	50	18.71	18.59	18.6	19.5
20		100	0	18.49	18.72	18.68	19.5
20	64QAM	1	0	18.53	18.58	18.67	19.5
20		1	49	18.55	18.51	18.61	19.5
20		1	99	18.54	18.68	18.69	19.5
20		50	0	18.68	18.7	18.61	19.5
20		50	24	18.62	18.58	18.72	19.5
20		50	50	18.48	18.69	18.75	19.5
20		100	0	18.62	18.59	18.69	19.5
20	256QAM	1	0	18.54	18.75	18.68	19.5
20		1	49	18.49	18.71	18.69	19.5
20		1	99	18.62	18.64	18.59	19.5
20		50	0	18.54	18.71	18.58	19.5
20		50	24	18.58	18.59	18.66	19.5
20		50	50	18.55	18.59	18.72	19.5
20		100	0	18.55	18.7	18.72	19.5
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1827.5	1880	1932.5	
15	QPSK	1	0	18.65	18.57	18.7	19.5
15		1	37	18.74	18.59	18.58	19.5
15		1	74	18.67	18.53	18.68	19.5
15		36	0	18.41	18.42	18.54	19.5
15		36	20	18.4	18.42	18.45	19.5
15		36	39	18.39	18.39	18.36	19.5
15		75	0	18.28	18.42	18.23	19.5
15	16QAM	1	0	18.31	18.47	18.58	19.5
15		1	37	18.44	18.38	18.52	19.5
15		1	74	18.46	18.42	18.56	19.5
15		36	0	18.48	18.44	18.51	19.5
15		36	20	18.63	18.55	18.62	19.5
15		36	39	18.66	18.5	18.57	19.5
15		75	0	18.45	18.67	18.62	19.5
15	64QAM	1	0	18.39	18.39	18.65	19.5
15		1	37	18.49	18.44	18.56	19.5
15		1	74	18.48	18.57	18.58	19.5
15		36	0	18.55	18.39	18.5	19.5
15		36	20	18.5	18.43	18.42	19.5
15		36	39	18.35	18.65	18.65	19.5
15		75	0	18.57	18.46	18.63	19.5
15	256QAM	1	0	18.46	18.67	18.66	19.5
15		1	37	18.42	18.63	18.66	19.5
15		1	74	18.58	18.58	18.54	19.5
15		36	0	18.41	18.67	18.53	19.5
15		36	20	18.48	18.49	18.54	19.5
15		36	39	18.46	18.32	18.67	19.5
15		75	0	18.52	18.69	18.7	19.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1900	1947.5	
10	QPSK	1	0	18.37	18.76	18.56	19.5
10		1	25	18.65	18.53	18.65	19.5
10		1	49	18.55	18.55	18.57	19.5
10		25	0	18.42	18.72	18.58	19.5
10		25	12	18.51	18.53	18.49	19.5
10		25	25	18.41	18.33	18.38	19.5
10		50	0	18.33	18.38	18.38	19.5
10	16QAM	1	0	18.37	18.39	18.47	19.5
10		1	25	18.47	18.33	18.45	19.5
10		1	49	18.45	18.44	18.48	19.5
10		25	0	18.47	18.37	18.44	19.5
10		25	12	18.61	18.5	18.59	19.5
10		25	25	18.59	18.39	18.49	19.5
10		50	0	18.39	18.69	18.59	19.5
10	64QAM	1	0	18.47	18.45	18.62	19.5
10		1	25	18.5	18.37	18.53	19.5
10		1	49	18.5	18.61	18.67	19.5
10		25	0	18.54	18.37	18.51	19.5
10		25	12	18.6	18.43	18.52	19.5
10		25	25	18.39	18.52	18.64	19.5
10		50	0	18.52	18.47	18.59	19.5
10	256QAM	1	0	18.46	18.67	18.67	19.5
10		1	25	18.48	18.68	18.58	19.5
10		1	49	18.58	18.61	18.43	19.5
10		25	0	18.43	18.58	18.53	19.5
10		25	12	18.49	18.48	18.62	19.5
10		25	25	18.5	18.47	18.59	19.5
10		50	0	18.52	18.65	18.6	19.5
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1900	1947.5	
5	QPSK	1	0	18.61	18.68	18.6	19.5
5		1	12	18.73	18.62	18.56	19.5
5		1	24	18.65	18.54	18.63	19.5
5		12	0	18.43	18.63	18.53	19.5
5		12	7	18.51	18.52	18.48	19.5
5		12	13	18.5	18.57	18.45	19.5
5		25	0	18.3	18.41	18.2	19.5
5	16QAM	1	0	18.42	18.43	18.5	19.5
5		1	12	18.39	18.3	18.46	19.5
5		1	24	18.41	18.48	18.42	19.5
5		12	0	18.56	18.43	18.53	19.5
5		12	7	18.55	18.53	18.68	19.5
5		12	13	18.61	18.49	18.48	19.5
5		25	0	18.45	18.7	18.63	19.5
5	64QAM	1	0	18.3	18.51	18.56	19.5
5		1	12	18.4	18.44	18.48	19.5
5		1	24	18.44	18.67	18.62	19.5
5		12	0	18.6	18.53	18.5	19.5
5		12	7	18.51	18.3	18.44	19.5
5		12	13	18.42	18.61	18.64	19.5
5		25	0	18.49	18.47	18.56	19.5
5	256QAM	1	0	18.4	18.62	18.59	19.5
5		1	12	18.41	18.69	18.57	19.5
5		1	24	18.51	18.44	18.5	19.5
5		12	0	18.53	18.6	18.52	19.5
5		12	7	18.5	18.5	18.57	19.5
5		12	13	18.53	18.46	18.64	19.5
5		25	0	18.48	18.61	18.6	19.5
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1900	1948.5	
3	QPSK	1	0	18.67	18.73	18.63	19.5
3		1	8	18.78	18.63	18.58	19.5
3		1	14	18.57	18.53	18.58	19.5
3		8	0	18.47	18.67	18.52	19.5
3		8	4	18.51	18.54	18.55	19.5
3		8	7	18.42	18.46	18.4	19.5
3		15	0	18.31	18.43	18.19	19.5
3	16QAM	1	0	18.34	18.41	18.55	19.5
3		1	8	18.43	18.39	18.52	19.5
3		1	14	18.45	18.5	18.47	19.5
3		8	0	18.52	18.46	18.48	19.5
3		8	4	18.57	18.5	18.69	19.5
3		8	7	18.62	18.55	18.47	19.5
3		15	0	18.35	18.62	18.55	19.5
3	64QAM	1	0	18.46	18.47	18.64	19.5
3		1	8	18.53	18.43	18.47	19.5
3		1	14	18.47	18.55	18.54	19.5
3		8	0	18.64	18.27	18.47	19.5
3		8	4	18.47	18.56	18.43	19.5
3		8	7	18.34	18.66	18.64	19.5
3		15	0	18.48	18.48	18.64	19.5
3	256QAM	1	0	18.44	18.64	18.64	19.5
3		1	8	18.35	18.63	18.67	19.5
3		1	14	18.57	18.48	18.48	19.5
3		8	0	18.42	18.57	18.55	19.5
3		8	4	18.52	18.51	18.55	19.5
3		8	7	18.41	18.53	18.71	19.5
3		15	0	18.47	18.43	18.6	19.5
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1900	1949.3	
1.4	QPSK	1	0	18.54	18.75	18.58	19.5
1.4		1	3	18.69	18.61	18.63	19.5
1.4		1	5	18.6	18.35	18.59	19.5
1.4		3	0	18.41	18.73	18.5	19.5
1.4		3	1	18.51	18.33	18.47	19.5
1.4		3	3	18.38	18.38	18.45	19.5
1.4		6	0	18.29	18.36	18.26	19.5
1.4	16QAM	1	0	18.32	18.45	18.58	19.5
1.4		1	3	18.51	18.3	18.54	19.5
1.4		1	5	18.36	18.46	18.46	19.5
1.4		3	0	18.48	18.43	18.54	19.5
1.4		3	1	18.61	18.33	18.64	19.5
1.4		3	3	18.65	18.54	18.54	19.5
1.4		6	0	18.39	18.7	18.68	19.5
1.4	64QAM	1	0	18.48	18.39	18.63	19.5
1.4		1	3	18.53	18.38	18.52	19.5
1.4		1	5	18.51	18.54	18.55	19.5
1.4		3	0	18.57	18.68	18.46	19.5
1.4		3	1	18.57	18.47	18.51	19.5
1.4		3	3	18.43	18.64	18.63	19.5
1.4		6	0	18.59	18.27	18.64	19.5
1.4	256QAM	1	0	18.49	18.7	18.62	19.5
1.4		1	3	18.39	18.58	18.68	19.5
1.4		1	5	18.54	18.34	18.49	19.5
1.4		3	0	18.41	18.6	18.53	19.5
1.4		3	1	18.51	18.33	18.61	19.5
1.4		3	3	18.46	18.34	18.57	19.5
1.4		6	0	18.48	18.6	18.69	19.5

<LTE Band 4_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.61	19.74	19.63	20.5
20		1	49	19.68	19.69	19.66	20.5
20		1	99	19.6	19.6	19.51	20.5
20		50	0	19.46	19.64	19.53	20.5
20		50	24	19.44	19.51	19.51	20.5
20		50	50	19.43	19.51	19.5	20.5
20		100	0	19.34	19.47	19.45	20.5
20	16QAM	1	0	19.41	19.52	19.56	20.5
20		1	49	19.39	19.49	19.43	20.5
20		1	99	19.46	19.37	19.47	20.5
20		50	0	19.53	19.51	19.53	20.5
20		50	24	19.51	19.55	19.64	20.5
20		50	50	19.58	19.46	19.63	20.5
20		100	0	19.44	19.58	19.52	20.5
20	64QAM	1	0	19.48	19.44	19.55	20.5
20		1	49	19.53	19.54	19.61	20.5
20		1	99	19.45	19.65	19.5	20.5
20		50	0	19.48	19.54	19.46	20.5
20		50	24	19.54	19.54	19.41	20.5
20		50	50	19.39	19.59	19.63	20.5
20		100	0	19.47	19.51	19.66	20.5
20	256QAM	1	0	19.54	19.68	19.49	20.5
20		1	49	19.49	19.66	19.46	20.5
20		1	99	19.56	19.62	19.52	20.5
20		50	0	19.64	19.64	19.58	20.5
20		50	24	19.42	19.56	19.57	20.5
20		50	50	19.53	19.58	19.6	20.5
20		100	0	19.63	19.63	19.63	20.5
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.54	19.62	19.54	20.5
15		1	37	19.6	19.65	19.52	20.5
15		1	74	19.51	19.59	19.5	20.5
15		36	0	19.4	19.52	19.49	20.5
15		36	20	19.39	19.43	19.46	20.5
15		36	39	19.39	19.42	19.48	20.5
15		75	0	19.21	19.37	19.13	20.5
15	16QAM	1	0	19.37	19.3	19.46	20.5
15		1	37	19.28	19.41	19.39	20.5
15		1	74	19.39	19.24	19.41	20.5
15		36	0	19.4	19.4	19.52	20.5
15		36	20	19.36	19.46	19.62	20.5
15		36	39	19.45	19.44	19.48	20.5
15		75	0	19.4	19.48	19.31	20.5
15	64QAM	1	0	19.33	19.42	19.49	20.5
15		1	37	19.51	19.53	19.56	20.5
15		1	74	19.35	19.54	19.41	20.5
15		36	0	19.42	19.52	19.42	20.5
15		36	20	19.44	19.49	19.29	20.5
15		36	39	19.37	19.3	19.6	20.5
15		75	0	19.33	19.43	19.58	20.5
15	256QAM	1	0	19.48	19.62	19.34	20.5
15		1	37	19.47	19.62	19.39	20.5
15		1	74	19.46	19.54	19.37	20.5
15		36	0	19.39	19.53	19.48	20.5
15		36	20	19.34	19.44	19.43	20.5
15		36	39	19.39	19.56	19.58	20.5
15		75	0	19.4	19.51	19.58	20.5
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.59	19.64	19.46	20.5
10		1	25	19.67	19.67	19.57	20.5
10		1	49	19.56	19.52	19.45	20.5
10		25	0	19.43	19.49	19.51	20.5
10		25	12	19.32	19.37	19.46	20.5
10		25	25	19.34	19.42	19.4	20.5
10		50	0	19.2	19.42	19.22	20.5
10	16QAM	1	0	19.29	19.41	19.41	20.5
10		1	25	19.36	19.42	19.29	20.5
10		1	49	19.33	19.26	19.34	20.5
10		25	0	19.42	19.36	19.46	20.5
10		25	12	19.47	19.47	19.58	20.5
10		25	25	19.5	19.43	19.36	20.5
10		50	0	19.31	19.48	19.42	20.5
10	64QAM	1	0	19.41	19.42	19.46	20.5
10		1	25	19.5	19.48	19.58	20.5
10		1	49	19.31	19.57	19.44	20.5
10		25	0	19.39	19.49	19.39	20.5
10		25	12	19.42	19.52	19.53	20.5
10		25	25	19.32	19.55	19.56	20.5
10		50	0	19.39	19.44	19.62	20.5
10	256QAM	1	0	19.42	19.38	19.46	20.5
10		1	25	19.48	19.57	19.38	20.5
10		1	49	19.47	19.56	19.46	20.5
10		25	0	19.52	19.62	19.46	20.5
10		25	12	19.36	19.44	19.56	20.5
10		25	25	19.47	19.44	19.56	20.5
10		50	0	19.34	19.51	19.57	20.5
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.52	19.64	19.62	20.5
5		1	12	19.62	19.67	19.65	20.5
5		1	24	19.53	19.48	19.45	20.5
5		12	0	19.44	19.49	19.38	20.5
5		12	7	19.36	19.36	19.41	20.5
5		12	13	19.34	19.46	19.44	20.5
5		25	0	19.3	19.35	19.15	20.5
5	16QAM	1	0	19.31	19.42	19.5	20.5
5		1	12	19.28	19.45	19.37	20.5
5		1	24	19.33	19.36	19.42	20.5
5		12	0	19.44	19.38	19.44	20.5
5		12	7	19.48	19.52	19.52	20.5
5		12	13	19.47	19.47	19.31	20.5
5		25	0	19.34	19.46	19.47	20.5
5	64QAM	1	0	19.45	19.39	19.52	20.5
5		1	12	19.43	19.53	19.53	20.5
5		1	24	19.44	19.59	19.44	20.5
5		12	0	19.47	19.41	19.4	20.5
5		12	7	19.52	19.46	19.39	20.5
5		12	13	19.32	19.55	19.59	20.5
5		25	0	19.4	19.43	19.6	20.5
5	256QAM	1	0	19.4	19.6	19.36	20.5
5		1	12	19.41	19.59	19.33	20.5
5		1	24	19.53	19.59	19.44	20.5
5		12	0	19.35	19.59	19.46	20.5
5		12	7	19.31	19.54	19.45	20.5
5		12	13	19.39	19.46	19.5	20.5
5		25	0	19.39	19.54	19.56	20.5
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.56	19.69	19.62	20.5
3		1	8	19.57	19.66	19.57	20.5
3		1	14	19.49	19.58	19.47	20.5
3		8	0	19.32	19.53	19.43	20.5
3		8	4	19.38	19.49	19.45	20.5
3		8	7	19.39	19.42	19.43	20.5
3		15	0	19.21	19.34	19.12	20.5
3	16QAM	1	0	19.39	19.49	19.47	20.5
3		1	8	19.39	19.37	19.35	20.5
3		1	14	19.39	19.28	19.44	20.5
3		8	0	19.43	19.47	19.44	20.5
3		8	4	19.44	19.52	19.5	20.5
3		8	7	19.37	19.43	19.52	20.5
3		15	0	19.32	19.55	19.42	20.5
3	64QAM	1	0	19.42	19.36	19.47	20.5
3		1	8	19.42	19.47	19.52	20.5
3		1	14	19.4	19.43	19.37	20.5
3		8	0	19.47	19.49	19.33	20.5
3		8	4	19.52	19.46	19.38	20.5
3		8	7	19.32	19.57	19.48	20.5
3		15	0	19.44	19.43	19.59	20.5
3	256QAM	1	0	19.47	19.54	19.41	20.5
3		1	8	19.44	19.64	19.36	20.5
3		1	14	19.51	19.52	19.49	20.5
3		8	0	19.38	19.61	19.5	20.5
3		8	4	19.36	19.52	19.47	20.5
3		8	7	19.5	19.53	19.49	20.5
3		15	0	19.4	19.61	19.56	20.5
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.56	19.67	19.54	20.5
1.4		1	3	19.62	19.65	19.56	20.5
1.4		1	5	19.51	19.58	19.45	20.5
1.4		3	0	19.39	19.55	19.39	20.5
1.4		3	1	19.39	19.45	19.42	20.5
1.4		3	3	19.29	19.39	19.46	20.5
1.4		6	0	19.24	19.43	19.14	20.5
1.4	16QAM	1	0	19.36	19.42	19.42	20.5
1.4		1	3	19.33	19.44	19.3	20.5
1.4		1	5	19.41	19.28	19.42	20.5
1.4		3	0	19.49	19.37	19.5	20.5
1.4		3	1	19.41	19.51	19.51	20.5
1.4		3	3	19.46	19.48	19.49	20.5
1.4		6	0	19.39	19.53	19.38	20.5
1.4	64QAM	1	0	19.34	19.41	19.41	20.5
1.4		1	3	19.38	19.42	19.58	20.5
1.4		1	5	19.34	19.54	19.44	20.5
1.4		3	0	19.43	19.5	19.42	20.5
1.4		3	1	19.47	19.46	19.33	20.5
1.4		3	3	19.3	19.51	19.38	20.5
1.4		6	0	19.41	19.43	19.34	20.5
1.4	256QAM	1	0	19.4	19.64	19.45	20.5
1.4		1	3	19.42	19.54	19.33	20.5
1.4		1	5	19.45	19.54	19.4	20.5
1.4		3	0	19.42	19.59	19.42	20.5
1.4		3	1	19.29	19.51	19.49	20.5
1.4		3	3	19.52	19.49	19.5	20.5
1.4		6	0	19.43	19.55	19.31	20.5

<LTE Band 7_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.72	17.95	17.68	18.5
20		1	49	17.68	17.87	17.81	18.5
20		1	99	17.65	17.79	17.72	18.5
20		50	0	17.58	17.8	17.74	18.5
20		50	24	17.52	17.65	17.66	18.5
20		50	50	17.51	17.76	17.6	18.5
20		100	0	17.46	17.64	17.46	18.5
20	16QAM	1	0	17.39	17.74	17.71	18.5
20		1	49	17.55	17.64	17.62	18.5
20		1	99	17.55	17.8	17.6	18.5
20		50	0	17.55	17.6	17.6	18.5
20		50	24	17.77	17.74	17.74	18.5
20		50	50	17.72	17.75	17.62	18.5
20		100	0	17.77	17.77	17.71	18.5
20	64QAM	1	0	17.65	17.85	17.76	18.5
20		1	0	17.75	17.66	17.62	18.5
20		1	49	17.66	17.64	17.77	18.5
20		1	99	17.6	17.88	17.76	18.5
20		50	0	17.76	17.77	17.66	18.5
20		50	24	17.74	17.76	17.66	18.5
20		50	50	17.58	17.74	17.81	18.5
20		100	0	17.7	17.71	17.77	18.5
20	256QAM	1	0	17.66	17.76	17.73	18.5
20		1	49	17.68	17.63	17.76	18.5
20		1	99	17.65	17.7	17.75	18.5
20		50	0	17.76	17.76	17.66	18.5
20		50	24	17.66	17.69	17.7	18.5
20		50	50	17.67	17.76	17.77	18.5
20		100	0	17.66	17.76	17.76	18.5
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0

<LTE Band 25_Ant5_DS#4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				26140	26340	26540	
Frequency [MHz]				1860	1880	1900	
20	QPSK	1	0	18.69	18.63	18.74	19.5
20		1	49	18.58	18.62	18.72	19.5
20		1	99	18.62	18.75	18.64	19.5
20		50	0	18.53	18.66	18.62	19.5
20		50	24	18.51	18.52	18.52	19.5
20		50	50	18.46	18.58	18.46	19.5
20		100	0	18.39	18.53	18.45	19.5
20	16QAM	1	0	18.53	18.53	18.57	19.5
20		1	49	18.49	18.55	18.54	19.5
20		1	99	18.54	18.41	18.51	19.5
20		50	0	18.54	18.57	18.48	19.5
20		50	24	18.7	18.53	18.68	19.5
20		50	50	18.57	18.53	18.57	19.5
20		100	0	18.49	18.64	18.63	19.5
20	64QAM	1	0	18.54	18.6	18.61	19.5
20		1	49	18.64	18.54	18.72	19.5
20		1	99	18.69	18.77	18.72	19.5
20		50	0	18.71	18.68	18.57	19.5
20		50	24	18.58	18.58	18.59	19.5
20		50	50	18.5	18.68	18.78	19.5
20		100	0	18.62	18.71	18.72	19.5
20	256QAM	1	0	18.59	18.65	18.64	19.5
20		1	49	18.43	18.6	18.53	19.5
20		1	99	18.59	18.68	18.63	19.5
20		50	0	18.64	18.67	18.71	19.5
20		50	24	18.45	18.65	18.62	19.5
20		50	50	18.55	18.6	18.6	19.5
20		100	0	18.39	18.64	18.67	19.5
Channel				26115	26340	26565	Tune-up Limit [dBm]
Frequency [MHz]				1857.5	1880	1902.5	
15	QPSK	1	0	18.68	18.65	18.62	19.5
15		1	37	18.62	18.78	18.67	19.5
15		1	74	18.61	18.68	18.49	19.5
15		36	0	18.61	18.63	18.49	19.5
15		36	20	18.57	18.42	18.47	19.5
15		36	39	18.53	18.47	18.35	19.5
15		75	0	18.22	18.5	18.39	19.5
15	16QAM	1	0	18.43	18.43	18.53	19.5
15		1	37	18.34	18.44	18.43	19.5
15		1	74	18.5	18.35	18.42	19.5
15		36	0	18.45	18.52	18.43	19.5
15		36	20	18.63	18.39	18.53	19.5
15		36	39	18.48	18.47	18.44	19.5
15		75	0	18.35	18.51	18.53	19.5
15	64QAM	1	0	18.46	18.49	18.48	19.5
15		1	37	18.61	18.46	18.39	19.5
15		1	74	18.56	18.7	18.62	19.5
15		36	0	18.62	18.59	18.48	19.5
15		36	20	18.52	18.45	18.54	19.5
15		36	39	18.48	18.56	18.71	19.5
15		75	0	18.6	18.69	18.7	19.5
15	256QAM	1	0	18.52	18.57	18.62	19.5
15		1	37	18.3	18.77	18.51	19.5
15		1	74	18.56	18.58	18.6	19.5
15		36	0	18.52	18.65	18.67	19.5
15		36	20	18.37	18.52	18.51	19.5
15		36	39	18.45	18.53	18.56	19.5
15		75	0	18.57	18.61	18.63	19.5
Channel				26090	26340	26590	Tune-up Limit [dBm]
Frequency [MHz]				1850	1880	1910	
10	QPSK	1	0	18.67	18.67	18.63	19.5
10		1	25	18.66	18.71	18.62	19.5
10		1	49	18.63	18.62	18.57	19.5
10		25	0	18.46	18.55	18.48	19.5
10		25	12	18.61	18.44	18.61	19.5
10		25	25	18.5	18.44	18.35	19.5
10		50	0	18.3	18.45	18.33	19.5
10	16QAM	1	0	18.47	18.41	18.53	19.5
10		1	25	18.47	18.49	18.42	19.5
10		1	49	18.44	18.36	18.44	19.5
10		25	0	18.46	18.47	18.33	19.5
10		25	13	18.6	18.5	18.6	19.5
10		25	25	18.45	18.42	18.44	19.5
10		50	0	18.34	18.55	18.6	19.5
10	64QAM	1	0	18.51	18.48	18.57	19.5
10		1	25	18.51	18.48	18.59	19.5
10		1	49	18.63	18.78	18.65	19.5
10		25	0	18.59	18.61	18.44	19.5
10		25	12	18.54	18.48	18.57	19.5
10		25	25	18.45	18.58	18.73	19.5
10		50	0	18.5	18.64	18.59	19.5
10	256QAM	1	0	18.38	18.5	18.54	19.5
10		1	25	18.38	18.79	18.39	19.5
10		1	49	18.58	18.65	18.59	19.5
10		25	0	18.55	18.58	18.61	19.5
10		25	12	18.33	18.52	18.49	19.5
10		25	25	18.44	18.53	18.54	19.5
10		50	0	18.51	18.53	18.6	19.5
Channel				26065	26340	26615	Tune-up Limit [dBm]
Frequency [MHz]				1852.5	1880	1907.5	
8	QPSK	1	0	18.6	18.74	18.65	19.5
8		1	12	18.61	18.72	18.63	19.5
8		1	24	18.63	18.67	18.5	19.5
8		12	0	18.38	18.57	18.54	19.5
8		12	7	18.58	18.42	18.43	19.5
8		12	13	18.46	18.55	18.43	19.5
8		25	0	18.37	18.44	18.38	19.5
8	16QAM	1	0	18.45	18.51	18.45	19.5
8		1	13	18.37	18.4	18.44	19.5
8		1	24	18.47	18.35	18.44	19.5
8		12	0	18.41	18.49	18.34	19.5
8		12	7	18.58	18.38	18.66	19.5
8		12	13	18.44	18.41	18.45	19.5
8		25	0	18.38	18.62	18.51	19.5
8	64QAM	1	0	18.39	18.55	18.46	19.5
8		1	12	18.61	18.39	18.67	19.5
8		1	24	18.58	18.69	18.58	19.5
8		12	0	18.58	18.6	18.51	19.5
8		12	7	18.44	18.52	18.49	19.5
8		12	13	18.46	18.66	18.68	19.5
8		25	0	18.38	18.67	18.62	19.5
8	256QAM	1	0	18.47	18.58	18.6	19.5
8		1	12	18.34	18.73	18.42	19.5
8		1	24	18.46	18.64	18.58	19.5
8		12	0	18.57	18.58	18.67	19.5
8		12	7	18.36	18.55	18.57	19.5
8		12	13	18.42	18.45	18.5	19.5
8		25	0	18.45	18.52	18.61	19.5
Channel				26050	26340	26630	Tune-up Limit [dBm]
Frequency [MHz]				1851.5	1880	1908.5	
3	QPSK	1	0	18.65	18.67	18.68	19.5
3		1	8	18.65	18.73	18.69	19.5
3		1	14	18.68	18.64	18.58	19.5
3		8	0	18.47	18.64	18.55	19.5
3		8	4	18.58	18.41	18.43	19.5
3		8	7	18.52	18.55	18.37	19.5
3		15	0	18.25	18.52	18.38	19.5
3	16QAM	1	0	18.43	18.51	18.48	19.5
3		1	8	18.36	18.31	18.39	19.5
3		1	14	18.44	18.28	18.39	19.5
3		8	0	18.46	18.5	18.39	19.5
3		8	4	18.52	18.4	18.52	19.5
3		8	7	18.53	18.46	18.5	19.5
3		15	0	18.39	18.59	18.51	19.5
3	64QAM	1	0	18.42	18.53	18.59	19.5
3		1	8	18.61	18.42	18.67	19.5
3		1	14	18.57	18.7	18.68	19.5
3		8	0	18.5	18.39	18.48	19.5
3		8	4	18.56	18.53	18.51	19.5
3		8	7	18.44	18.59	18.71	19.5
3		15	0	18.3	18.39	18.61	19.5
3	256QAM	1	0	18.46	18.56	18.57	19.5
3		1	8	18.31	18.75	18.39	19.5
3		1	14	18.55	18.39	18.5	19.5
3		8	0	18.5	18.55	18.65	19.5
3		8	4	18.4	18.52	18.55	19.5
3		8	7	18.42	18.54	18.5	19.5
3		15	0	18.55	18.52	18.52	19.5
Channel				26047	26340	26633	Tune-up Limit [dBm]
Frequency [MHz]				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.6	18.63	18.67	19.5
1.4		1	3	18.66	18.67	18.67	19.5
1.4		1	5	18.66	18.65	18.52	19.5
1.4		3	0	18.41	18.64	18.48	19.5
1.4		3	1	18.6	18.4	18.38	19.5
1.4		3	3	18.43	18.43	18.37	19.5
1.4		6	0	18.31	18.44	18.36	19.5
1.4	16QAM	1	0	18.45	18.47	18.38	19.5
1.4		1	3	18.37	18.43	18.45	19.5
1.4		1	5	18.45	18.36	18.39	19.5
1.4		3	0	18.45	18.44	18.46	19.5
1.4		3	1	18.58	18.51	18.6	19.5
1.4		3	3	18.54	18.51	18.43	19.5
1.4		6	0	18.44	18.51	18.52	19.5
1.4	64QAM	1	0	18.5	18.49	18.5	19.5
1.4		1	3	18.54	18.52	18.68	19.5
1.4		1	5	18.63	18.74	18.61	19.5
1.4		3	0	18.58	18.39	18.53	19.5
1.4		3	1	18.48	18.5	18.55	19.5
1.4		3	3	18.38	18.57	18.76	19.5
1.4		6	0	18.53	18.64	18.6	19.5
1.4	256QAM	1	0	18.52	18.57	18.61	19.5
1.4		1	3	18.4	18.77	18.44	19.5
1.4		1	5	18.58	18.62	18.54	19.5
1.4		3	0	18.62	18.68	18.66	19.5
1.4		3	1	18.35	18.63	18.48	19.5
1.4		3	3	18.4	18.48	18.51	19.5
1.4		6	0	18.5	18.5	18.61	19.5

<LTE Band 66_Ant5_DS#4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
Channel				132072	132322	132572	
Frequency [MHz]				1720	1745	1770	
20	QPSK	1	0	19.5	19.62	19.58	20.5
20		1	49	19.43	19.6	19.56	20.5
20		1	99	19.45	19.59	19.52	20.5
20		50	0	19.42	19.46	19.34	20.5
20		50	24	19.36	19.43	19.32	20.5
20		50	50	19.41	19.35	19.39	20.5
20		100	0	19.15	19.33	19.12	20.5
20	16QAM	1	0	19.37	19.3	19.34	20.5
20		1	49	19.37	19.23	19.42	20.5
20		1	99	19.31	19.22	19.3	20.5
20		50	0	19.46	19.39	19.34	20.5
20		50	24	19.36	19.4	19.49	20.5
20		50	50	19.43	19.39	19.46	20.5
20		100	0	19.28	19.45	19.41	20.5
20	64QAM	1	0	19.44	19.39	19.47	20.5
20		1	49	19.44	19.41	19.43	20.5
20		1	99	19.48	19.53	19.41	20.5
20		50	0	19.5	19.53	19.33	20.5
20		50	24	19.43	19.5	19.31	20.5
20		50	50	19.34	19.5	19.53	20.5
20		100	0	19.41	19.54	19.46	20.5
20	256QAM	1	0	19.4	19.58	19.4	20.5
20		1	49	19.33	19.62	19.38	20.5
20		1	99	19.48	19.5	19.46	20.5
20		50	0	19.42	19.57	19.51	20.5
20		50	24	19.36	19.48	19.42	20.5
20		50	50	19.36	19.39	19.44	20.5
20		100	0	19.21	19.54	19.52	20.5
Channel				132047	132322	132597	Tune-up Limit [dBm]
Frequency [MHz]				1717.5	1745	1772.5	
15	QPSK	1	0	19.27	19.52	19.45	20.5
15		1	37	19.4	19.3	19.44	20.5
15		1	74	19.47	19.45	19.38	20.5
15		36	0	19.39	19.47	19.24	20.5
15		36	20	19.34	19.31	19.29	20.5
15		36	39	19.36	19.21	19.22	20.5
15		75	0	19.04	19.28	19	20.5
15	16QAM	1	0	19.3	19.2	19.33	20.5
15		1	37	19.32	19.1	19.31	20.5
15		1	74	19.17	19.15	19.21	20.5
15		36	0	19.33	19.25	19.23	20.5
15		36	20	19.23	19.26	19.45	20.5
15		36	39	19.38	19.28	19.37	20.5
15		75	0	19.23	19.41	19.33	20.5
15	64QAM	1	0	19.31	19.3	19.42	20.5
15		1	37	19.39	19.34	19.28	20.5
15		1	74	19.39	19.43	19.32	20.5
15		36	0	19.38	19.46	19.32	20.5
15		36	20	19.38	19.39	19.22	20.5
15		36	39	19.23	19.36	19.45	20.5
15		75	0	19.28	19.52	19.33	20.5
15	256QAM	1	0	19.32	19.52	19.34	20.5
15		1	37	19.29	19.63	19.25	20.5
15		1	74	19.4	19.38	19.39	20.5
15		36	0	19.37	19.52	19.38	20.5
15		36	20	19.26	19.38	19.39	20.5
15		36	39	19.32	19.3	19.29	20.5
15		75	0	19.23	19.46	19.39	20.5
Channel				132022	132322	132622	Tune-up Limit [dBm]
Frequency [MHz]				1715	1745	1775	
10	QPSK	1	0	19.49	19.52	19.46	20.5
10		1	25	19.42	19.45	19.54	20.5
10		1	49	19.48	19.5	19.37	20.5
10		25	0	19.34	19.47	19.21	20.5
10		25	12	19.22	19.35	19.23	20.5
10		25	25	19.28	19.22	19.2	20.5
10		50	0	19.03	19.32	19.02	20.5
10	16QAM	1	0	19.23	19.29	19.25	20.5
10		1	25	19.27	19.08	19.35	20.5
10		1	49	19.07	19.21	19.27	20.5
10		25	0	19.31	19.31	19.3	20.5
10		25	13	19.39	19.36	19.46	20.5
10		25	25	19.36	19.35	19.44	20.5
10		50	0	19.22	19.33	19.33	20.5
10	64QAM	1	0	19.32	19.26	19.44	20.5
10		1	25	19.31	19.32	19.39	20.5
10		1	49	19.35	19.45	19.4	20.5
10		25	0	19.39	19.44	19.25	20.5
10		25	12	19.33	19.4	19.22	20.5
10		25	25	19.26	19.41	19.5	20.5
10		50	0	19.37	19.44	19.31	20.5
10	256QAM	1	0	19.34	19.47	19.37	20.5
10		1	25	19.32	19.53	19.25	20.5
10		1	49	19.42	19.67	19.35	20.5
10		25	0	19.28	19.46	19.38	20.5
10		25	12	19.32	19.36	19.4	20.5
10		25	25	19.3	19.36	19.39	20.5
10		50	0	19.25	19.5	19.37	20.5
Channel				131997	132322	132647	Tune-up Limit [dBm]
Frequency [MHz]				1712.5	1745	1777.5	
5	QPSK	1	0	19.43	19.52	19.47	20.5
5		1	12	19.41	19.48	19.45	20.5
5		1	24	19.36	19.46	19.43	20.5
5		12	0	19.39	19.39	19.22	20.5
5		12	7	19.31	19.37	19.28	20.5
5		12	13	19.34	19.23	19.26	20.5
5		25	0	19.05	19.31	19.08	20.5
5	16QAM	1	0	19.27	19.18	19.24	20.5
5		1	12	19.27	19.14	19.34	20.5
5		1	24	19.16	19.12	19.28	20.5
5		12	0	19.45	19.35	19.29	20.5
5		12	7	19.24	19.29	19.42	20.5
5		12	13	19.28	19.28	19.38	20.5
5		25	0	19.27	19.33	19.34	20.5
5	64QAM	1	0	19.31	19.33	19.33	20.5
5		1	12	19.3	19.35	19.42	20.5
5		1	24	19.45	19.3	19.39	20.5
5		12	0	19.41	19.41	19.21	20.5
5		12	7	19.39	19.44	19.23	20.5
5		12	13	19.31	19.42	19.48	20.5
5		25	0	19.39	19.47	19.37	20.5
5	256QAM	1	0	19.29	19.52	19.25	20.5
5		1	12	19.31	19.62	19.36	20.5
5		1	24	19.44	19.4	19.38	20.5
5		12	0	19.31	19.46	19.48	20.5
5		12	7	19.21	19.37	19.38	20.5
5		12	13	19.29	19.35	19.38	20.5
5		25	0	19.23	19.42	19.37	20.5
Channel				131962	132322	132682	Tune-up Limit [dBm]
Frequency [MHz]				1711.5	1745	1778.5	
3	QPSK	1	0	19.41	19.61	19.52	20.5
3		1	8	19.44	19.52	19.47	20.5
3		1	14	19.58	19.53	19.5	20.5
3		8	0	19.37	19.36	19.25	20.5
3		8	4	19.27	19.41	19.31	20.5
3		8	7	19.27	19.28	19.28	20.5
3		15	0	19.07	19.28	19	20.5
3	16QAM	1	0	19.35	19.21	19.24	20.5
3		1	8	19.09	19.1	19.28	20.5
3		1	14	19.16	19.17	19.16	20.5
3		8	0	19.45	19.36	19.32	20.5
3		8	4	19.35	19.3	19.45	20.5
3		8	7	19.32	19.32	19.44	20.5
3		15	0	19.19	19.34	19.38	20.5
3	64QAM	1	0	19.39	19.35	19.37	20.5
3		1	8	19.38	19.4	19.41	20.5
3		1	14	19.44	19.39	19.39	20.5
3		8	0	19.38	19.5	19.25	20.5
3		8	4	19.31	19.35	19.23	20.5
3		8	7	19.29	19.47	19.31	20.5
3		15	0	19.05	19.41	19.41	20.5
3	256QAM	1	0	19.28	19.56	19.38	20.5
3		1	8	19.29	19.53	19.35	20.5
3		1	14	19.39	19.4	19.42	20.5
3		8	0	19.27	19.51	19.45	20.5
3		8	4	19.29	19.38	19.27	20.5
3		8	7	19.09	19.34	19.32	20.5
3		15	0	19.2	19.44	19.5	20.5
Channel				131979	132322	132665	Tune-up Limit [dBm]
Frequency [MHz]				1712.7	1745	1779.3	
1.4	QPSK	1	0	19.38	19.49	19.49	20.5
1.4		1	3	19.44	19.46	19.42	20.5
1.4		1	5	19.48	19.49	19.46	20.5
1.4		3	0	19.34	19.44	19.23	20.5
1.4		3	1	19.35	19.41	19.2	20.5
1.4		3	3	19.09	19.3	19.21	20.5
1.4		6	0	19.12	19.31	19.03	20.5
1.4	16QAM	1	0	19.27	19.23	19.26	20.5
1.4		1	3	19.31	19.1	19.36	20.5
1.4		1	5	19.24	19.13	19.18	20.5
1.4		3	0	19.39	19.3	19.22	20.5
1.4		3	1	19.02	19.3	19.43	20.5
1.4		3	3	19.3	19.35	19.35	20.5
1.4		6	0	19.23	19.43	19.3	20.5
1.4	64QAM	1	0	19.3	19.3	19.46	20.5
1.4		1	3	19.39	19.26	19.31	20.5
1.4		1	5	19.43	19.44	19.3	20.5
1.4		3	0	19.37	19.47	19.2	20.5
1.4		3	1	19.29	19.43	19.25	20.5
1.4		3	3	19.31	19.45	19.42	20.5
1.4		6	0	19.27	19.39	19.41	20.5
1.4	256QAM	1	0	19.26	19.43	19.37	20.5
1.4		1	3	19.32	19.51	19.35	20.5
1.4		1	5	19.43	19.39	19.41	20.5
1.4		3	0	19.34	19.56	19.38	20.5
1.4		3	1	19.31	19.4	19.39	20.5
1.4		3	3	19.33	19.31	19.4	20.5
1.4		6	0	19.17	19.41	19.49	20.5

<LTE Band 38_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.67	18.7	18.61	19.5
20		1	49	18.55	18.63	18.45	19.5
20		1	99	18.57	18.63	18.51	19.5
20		50	0	18.6	18.73	18.57	19.5
20		50	24	18.36	18.5	18.3	19.5
20		50	50	18.37	18.48	18.24	19.5
20		100	0	18.53	18.64	18.47	19.5
20	16QAM	1	0	18.42	18.56	18.38	19.5
20		1	49	18.32	18.46	18.3	19.5
20		1	99	18.31	18.48	18.27	19.5
20		50	0	18.44	18.57	18.34	19.5
20		50	24	18.47	18.52	18.3	19.5
20		50	50	18.3	18.46	18.23	19.5
20		100	0	18.55	18.67	18.48	19.5
20	64QAM	1	0	18.39	18.5	18.35	19.5
20		1	49	18.37	18.54	18.39	19.5
20		1	99	18.5	18.61	18.44	19.5
20		50	0	18.55	18.62	18.39	19.5
20		50	24	18.45	18.57	18.33	19.5
20		50	50	18.47	18.61	18.48	19.5
20		100	0	18.6	18.65	18.53	19.5
20	256QAM	1	0	18.53	18.65	18.54	19.5
20		1	49	18.72	18.76	18.53	19.5
20		1	99	18.51	18.55	18.35	19.5
20		50	0	18.54	18.61	18.48	19.5
20		50	24	18.47	18.59	18.37	19.5
20		50	50	18.45	18.63	18.47	19.5
20		100	0	18.42	18.55	18.39	19.5
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.52	18.63	18.51	19.5
15		1	37	18.53	18.52	18.37	19.5
15		1	74	18.54	18.56	18.5	19.5
15		36	0	18.57	18.63	18.46	19.5
15		36	20	18.27	18.49	18.24	19.5
15		36	39	18.35	18.35	18.23	19.5
15		75	0	18.46	18.57	18.33	19.5
15	16QAM	1	0	18.39	18.43	18.34	19.5
15		1	37	18.21	18.41	18.29	19.5
15		1	74	18.27	18.43	18.24	19.5
15		36	0	18.32	18.48	18.31	19.5
15		36	20	18.46	18.5	18.28	19.5
15		36	39	18.26	18.4	18.16	19.5
15		75	0	18.49	18.56	18.45	19.5
15	64QAM	1	0	18.36	18.43	18.2	19.5
15		1	37	18.28	18.42	18.31	19.5
15		1	74	18.47	18.53	18.3	19.5
15		36	0	18.46	18.6	18.3	19.5
15		36	20	18.33	18.44	18.29	19.5
15		36	39	18.34	18.55	18.39	19.5
15		75	0	18.53	18.5	18.5	19.5
15	256QAM	1	0	18.42	18.59	18.4	19.5
15		1	37	18.67	18.75	18.45	19.5
15		1	74	18.41	18.49	18.22	19.5
15		36	0	18.42	18.5	18.41	19.5
15		36	20	18.37	18.47	18.32	19.5
15		36	39	18.32	18.55	18.39	19.5
15		75	0	18.3	18.43	18.26	19.5
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.56	18.65	18.59	19.5
10		1	25	18.51	18.6	18.39	19.5
10		1	49	18.49	18.6	18.48	19.5
10		25	0	18.53	18.67	18.49	19.5
10		25	12	18.23	18.38	18.16	19.5
10		25	25	18.32	18.34	18.09	19.5
10		50	0	18.41	18.61	18.41	19.5
10	16QAM	1	0	18.32	18.52	18.25	19.5
10		1	25	18.19	18.38	18.26	19.5
10		1	49	18.17	18.35	18.26	19.5
10		25	0	18.4	18.52	18.33	19.5
10		25	12	18.34	18.41	18.27	19.5
10		25	25	18.26	18.37	18.11	19.5
10		50	0	18.44	18.6	18.37	19.5
10	64QAM	1	0	18.37	18.36	18.2	19.5
10		1	25	18.26	18.52	18.34	19.5
10		1	49	18.45	18.59	18.32	19.5
10		25	0	18.5	18.48	18.31	19.5
10		25	12	18.35	18.5	18.27	19.5
10		25	25	18.33	18.53	18.34	19.5
10		50	0	18.56	18.51	18.48	19.5
10	256QAM	1	0	18.44	18.63	18.49	19.5
10		1	25	18.67	18.65	18.52	19.5
10		1	49	18.37	18.51	18.24	19.5
10		25	0	18.46	18.52	18.39	19.5
10		25	12	18.33	18.45	18.23	19.5
10		25	25	18.37	18.58	18.45	19.5
10		50	0	18.35	18.5	18.29	19.5
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.61	18.56	18.56	19.5
5		1	12	18.52	18.56	18.37	19.5
5		1	24	18.54	18.58	18.4	19.5
5		12	0	18.5	18.7	18.48	19.5
5		12	7	18.27	18.46	18.25	19.5
5		12	13	18.25	18.45	18.1	19.5
5		25	0	18.43	18.52	18.39	19.5
5	16QAM	1	0	18.31	18.43	18.36	19.5
5		1	12	18.18	18.45	18.15	19.5
5		1	24	18.17	18.37	18.13	19.5
5		12	0	18.29	18.54	18.22	19.5
5		12	7	18.45	18.39	18.23	19.5
5		12	13	18.27	18.4	18.16	19.5
5		25	0	18.51	18.54	18.46	19.5
5	64QAM	1	0	18.37	18.47	18.21	19.5
5		1	12	18.36	18.52	18.35	19.5
5		1	24	18.41	18.53	18.32	19.5
5		12	0	18.41	18.55	18.25	19.5
5		12	7	18.35	18.52	18.2	19.5
5		12	13	18.42	18.54	18.38	19.5
5		25	0	18.59	18.63	18.45	19.5
5	256QAM	1	0	18.52	18.64	18.47	19.5
5		1	12	18.57	18.7	18.45	19.5
5		1	24	18.38	18.53	18.27	19.5
5		12	0	18.5	18.49	18.35	19.5
5		12	7	18.42	18.44	18.35	19.5
5		12	13	18.38	18.58	18.44	19.5
5		25	0	18.36	18.43	18.38	19.5

<LTE Band 41_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.2	19.22	19.26	19.11	19.09	19.7
20		1	49	19.1	19.15	19.25	19.06	18.99	19.7
20		1	99	18.97	19.07	19.11	18.93	18.88	19.7
20		50	0	19.13	19.15	19.27	19.04	19.11	19.7
20		50	24	19.01	19.02	19.1	18.83	18.82	19.7
20		50	50	18.97	18.9	19.05	18.85	18.81	19.7
20		100	0	19.1	19.02	19.19	18.93	18.91	19.7
20	16QAM	1	0	18.95	18.94	19.08	18.89	18.79	19.7
20		1	49	18.85	18.91	18.95	18.7	18.75	19.7
20		1	99	18.82	18.78	18.9	18.76	18.74	19.7
20		50	0	18.88	18.99	19.05	18.79	18.82	19.7
20		50	24	18.88	19.04	19.07	18.8	18.79	19.7
20		50	50	18.98	19.04	19.08	18.83	18.88	19.7
20		100	0	18.97	18.95	19.12	18.88	18.86	19.7
20	64QAM	1	0	19.03	19.04	19.11	18.87	18.88	19.7
20		1	49	18.92	19.03	19.09	18.93	18.81	19.7
20		1	99	19.08	19.01	19.15	19	18.95	19.7
20		50	0	19.03	18.95	19.09	18.82	18.86	19.7
20		50	24	19.08	19	19.14	18.87	18.89	19.7
20		50	50	19	19.09	19.13	18.94	18.85	19.7
20		100	0	18.99	18.97	19.07	18.89	18.94	19.7
20	256QAM	1	0	19.07	19.02	19.16	19.02	18.93	19.7
20		1	49	19.19	19.13	19.27	19.03	19.1	19.7
20		1	99	19.01	18.97	19.12	18.89	18.95	19.7
20		50	0	18.98	19	19.13	18.87	18.86	19.7
20		50	24	19.01	19.04	19.11	18.9	18.83	19.7
20		50	50	19.02	19.04	19.09	18.86	18.92	19.7
20		100	0	18.99	18.98	19.09	18.92	18.88	19.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.12	19.08	19.18	19.03	19.01	19.7
15		1	37	19.05	19.11	19.13	19.02	18.94	19.7
15		1	74	18.85	19.03	18.98	18.78	18.8	19.7
15		36	0	19.03	19.11	19.16	18.96	19.09	19.7
15		36	20	18.97	19.01	18.98	18.79	18.79	19.7
15		36	39	18.86	18.86	18.91	18.77	18.76	19.7
15		75	0	19.05	18.89	19.07	18.81	18.82	19.7
15	16QAM	1	0	18.87	18.91	19.01	18.8	18.72	19.7
15		1	37	18.7	18.88	18.88	18.59	18.69	19.7
15		1	74	18.81	18.75	18.79	18.62	18.62	19.7
15		36	0	18.74	18.86	19.03	18.76	18.79	19.7
15		36	20	18.76	18.93	18.98	18.75	18.72	19.7
15		36	39	18.95	18.96	19.01	18.81	18.73	19.7
15		75	0	18.87	18.9	19.01	18.82	18.84	19.7
15	64QAM	1	0	18.96	18.91	19.05	18.83	18.8	19.7
15		1	37	18.84	18.88	19.04	18.83	18.76	19.7
15		1	74	19.06	18.99	19.09	18.93	18.89	19.7
15		36	0	18.95	18.91	19.07	18.71	18.8	19.7
15		36	20	19.02	18.97	19.04	18.74	18.79	19.7
15		36	39	18.94	18.99	19.01	18.88	18.77	19.7
15		75	0	18.9	18.96	19.02	18.87	18.71	19.7
15	256QAM	1	0	19.05	19.01	19.01	18.87	18.87	19.7
15		1	37	19.13	19.04	19.13	19	19.08	19.7
15		1	74	18.92	18.86	18.97	18.77	18.89	19.7
15		36	0	18.96	18.86	19.05	18.76	18.75	19.7
15		36	20	18.94	18.99	19.03	18.77	18.7	19.7
15		36	39	19.01	18.97	19.06	18.77	18.91	19.7
15		75	0	18.95	18.84	19.02	18.77	18.73	19.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.05	19.15	19.2	19.02	19.05	19.7
10		1	25	19.06	19.02	19.2	19.03	18.95	19.7
10		1	49	18.91	18.95	19.05	18.83	18.8	19.7
10		25	0	19.1	19.01	19.19	18.94	19.02	19.7
10		25	12	18.95	18.97	19.08	18.82	18.71	19.7
10		25	25	18.9	18.79	19.04	18.7	18.69	19.7
10		50	0	19.03	18.93	19.07	18.89	18.84	19.7
10	16QAM	1	0	18.94	18.84	19.07	18.83	18.76	19.7
10		1	25	18.81	18.89	18.93	18.66	18.69	19.7
10		1	49	18.78	18.7	18.87	18.7	18.65	19.7
10		25	0	18.76	18.97	19.01	18.77	18.69	19.7
10		25	12	18.78	18.92	18.98	18.74	18.7	19.7
10		25	25	18.84	19	19.01	18.78	18.78	19.7
10		50	0	18.94	18.83	19.01	18.84	18.73	19.7
10	64QAM	1	0	18.92	19.01	19.05	18.73	18.8	19.7
10		1	25	18.9	18.89	18.94	18.78	18.76	19.7
10		1	49	19	18.87	19.07	18.86	18.9	19.7
10		25	0	18.93	18.88	19.04	18.7	18.83	19.7
10		25	12	18.97	18.88	19.03	18.84	18.88	19.7
10		25	25	18.92	18.99	19.09	18.91	18.8	19.7
10		50	0	18.88	18.86	18.99	18.8	18.81	19.7
10	256QAM	1	0	19.06	18.91	19.14	18.95	18.86	19.7
10		1	25	19.05	19.05	19.25	18.91	19.01	19.7
10		1	49	18.9	18.83	19.01	18.8	18.81	19.7
10		25	0	18.84	18.95	19.08	18.75	18.79	19.7
10		25	12	18.93	18.9	18.97	18.78	18.8	19.7
10		25	25	18.95	18.96	18.98	18.74	18.84	19.7
10		50	0	18.88	18.97	19.08	18.78	18.79	19.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.15	19.13	19.12	18.97	19.05	19.7
5		1	12	19.02	19.01	19.24	18.95	18.85	19.7
5		1	24	18.9	18.97	19.04	18.82	18.83	19.7
5		12	0	19.03	19.09	19.19	19.02	19.04	19.7
5		12	7	18.95	18.89	19.03	18.8	18.69	19.7
5		12	13	18.93	18.88	19.01	18.78	18.68	19.7
5		25	0	19.08	18.96	19.16	18.89	18.8	19.7
5	16QAM	1	0	18.81	18.91	19.03	18.77	18.68	19.7
5		1	12	18.82	18.82	18.91	18.59	18.67	19.7
5		1	24	18.78	18.75	18.86	18.72	18.73	19.7
5		12	0	18.86	18.96	18.97	18.77	18.71	19.7
5		12	7	18.86	18.99	19.05	18.73	18.74	19.7
5		12	13	18.88	18.93	19.05	18.71	18.86	19.7
5		25	0	18.93	18.89	19.09	18.85	18.77	19.7
5	64QAM	1	0	19	18.94	19.06	18.75	18.83	19.7
5		1	12	18.88	18.93	19.06	18.88	18.71	19.7
5		1	24	19.05	18.86	19.12	18.9	18.92	19.7
5		12	0	18.89	18.85	19.03	18.67	18.76	19.7
5		12	7	19.01	18.95	19.12	18.73	18.79	19.7
5		12	13	18.96	19.06	19.04	18.88	18.74	19.7
5		25	0	18.96	18.93	18.94	18.79	18.77	19.7
5	256QAM	1	0	18.96	18.9	19.06	18.94	18.86	19.7
5		1	12	19.07	19.11	19.21	18.96	19	19.7
5		1	24	18.99	18.85	19.06	18.84	18.84	19.7
5		12	0	18.88	18.88	19.03	18.73	18.79	19.7
5		12	7	18.96	18.96	18.97	18.89	18.81	19.7
5		12	13	18.91	19.03	19.04	18.72	18.79	19.7
5		25	0	18.96	18.92	18.98	18.79	18.73	19.7

<LTE Band 42 (27Q)_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.5	20.55	20.48	21.2
20		1	49	20.27	20.4	20.3	21.2
20		1	99	20.26	20.39	20.21	21.2
20		50	0	20.36	20.5	20.32	21.2
20		50	24	20.15	20.32	20.11	21.2
20		50	50	20.27	20.35	20.2	21.2
20		100	0	20.31	20.37	20.19	21.2
20	16QAM	1	0	20.18	20.33	20.2	21.2
20		1	49	20.09	20.25	20.12	21.2
20		1	99	20.08	20.23	20.11	21.2
20		50	0	20.09	20.2	20.08	21.2
20		50	24	20.2	20.35	20.2	21.2
20		50	50	20.14	20.23	20.08	21.2
20		100	0	20.27	20.4	20.26	21.2
20	64QAM	1	0	20.12	20.26	20.06	21.2
20		1	49	20.24	20.32	20.22	21.2
20		1	99	20.22	20.36	20.19	21.2
20		50	0	20.3	20.37	20.2	21.2
20		50	24	20.18	20.38	20.22	21.2
20		50	50	20.37	20.45	20.34	21.2
20		100	0	20.2	20.29	20.12	21.2
20	256QAM	1	0	19.87	19.97	19.86	20.7
20		1	49	19.83	19.95	19.84	20.7
20		1	99	19.61	19.7	19.57	20.7
20		50	0	19.82	19.92	19.77	20.7
20		50	24	19.89	19.95	19.85	20.7
20		50	50	19.81	19.93	19.86	20.7
20		100	0	19.78	19.92	19.87	20.7
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.43	20.45	20.36	21.2
15		1	37	20.17	20.33	20.16	21.2
15		1	74	20.14	20.26	20.15	21.2
15		36	0	20.31	20.36	20.3	21.2
15		36	20	20.02	20.24	19.97	21.2
15		36	39	20.16	20.2	20.13	21.2
15		75	0	20.22	20.24	20.16	21.2
15	16QAM	1	0	20.1	20.25	20.18	21.2
15		1	37	20.06	20.18	20	21.2
15		1	74	20.05	20.18	20.02	21.2
15		36	0	20	20.17	20.04	21.2
15		36	20	20.1	20.21	20.17	21.2
15		36	39	20.07	20.08	19.97	21.2
15		75	0	20.24	20.36	20.25	21.2
15	64QAM	1	0	20.07	20.18	19.99	21.2
15		1	37	20.14	20.28	20.19	21.2
15		1	74	20.09	20.28	20.11	21.2
15		36	0	20.2	20.31	20.14	21.2
15		36	20	20.13	20.36	20.09	21.2
15		36	39	20.34	20.34	20.26	21.2
15		75	0	20.08	20.21	19.98	21.2
15	256QAM	1	0	19.85	19.87	19.75	20.7
15		1	37	19.69	19.89	19.72	20.7
15		1	74	19.49	19.56	19.5	20.7
15		36	0	19.68	19.86	19.63	20.7
15		36	20	19.74	19.84	19.75	20.7
15		36	39	19.8	19.89	19.71	20.7
15		75	0	19.65	19.84	19.81	20.7
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.44	20.47	20.42	21.2
10		1	25	20.26	20.38	20.24	21.2
10		1	49	20.24	20.36	20.1	21.2
10		25	0	20.31	20.43	20.31	21.2
10		25	12	20.02	20.24	20.02	21.2
10		25	25	20.24	20.3	20.14	21.2
10		50	0	20.24	20.34	20.09	21.2
10	16QAM	1	0	20.15	20.28	20.08	21.2
10		1	25	19.97	20.13	20.08	21.2
10		1	49	19.93	20.1	20.02	21.2
10		25	0	20.05	20.06	20.01	21.2
10		25	12	20.06	20.24	20.16	21.2
10		25	25	20.02	20.08	19.96	21.2
10		50	0	20.25	20.36	20.16	21.2
10	64QAM	1	0	20.07	20.2	19.91	21.2
10		1	25	20.1	20.24	20.1	21.2
10		1	49	20.16	20.34	20.14	21.2
10		25	0	20.21	20.32	20.12	21.2
10		25	12	20.17	20.24	20.16	21.2
10		25	25	20.27	20.33	20.32	21.2
10		50	0	20.09	20.19	20.1	21.2
10	256QAM	1	0	19.8	19.94	19.73	20.7
10		1	25	19.8	19.9	19.75	20.7
10		1	49	19.57	19.69	19.49	20.7
10		25	0	19.8	19.89	19.62	20.7
10		25	12	19.78	19.87	19.82	20.7
10		25	25	19.79	19.81	19.8	20.7
10		50	0	19.76	19.8	19.75	20.7
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.42	20.4	20.34	21.2
5		1	12	20.22	20.38	20.23	21.2
5		1	24	20.13	20.29	20.11	21.2
5		12	0	20.3	20.47	20.26	21.2
5		12	7	20.09	20.18	20.05	21.2
5		12	13	20.14	20.28	20.13	21.2
5		25	0	20.24	20.31	20.17	21.2
5	16QAM	1	0	20.15	20.23	20.07	21.2
5		1	12	19.97	20.22	20.07	21.2
5		1	24	20.07	20.09	20.02	21.2
5		12	0	19.99	20.12	19.97	21.2
5		12	7	20.15	20.25	20.19	21.2
5		12	13	20.11	20.17	20	21.2
5		25	0	20.15	20.29	20.12	21.2
5	64QAM	1	0	19.99	20.25	19.92	21.2
5		1	12	20.13	20.22	20.18	21.2
5		1	24	20.12	20.35	20.09	21.2
5		12	0	20.28	20.35	20.1	21.2
5		12	7	20.1	20.29	20.13	21.2
5		12	13	20.29	20.43	20.26	21.2
5		25	0	20.17	20.2	20.03	21.2
5	256QAM	1	0	19.79	19.91	19.72	20.7
5		1	12	19.72	19.92	19.72	20.7
5		1	24	19.52	19.63	19.55	20.7
5		12	0	19.73	19.87	19.74	20.7
5		12	7	19.84	19.92	19.74	20.7
5		12	13	19.76	19.79	19.72	20.7
5		25	0	19.75	19.78	19.73	20.7

<LTE Band 48_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.21	20.24	20.26	20.15	20.13	21.1
20		1	49	19.98	20.08	20.12	19.89	19.91	21.1
20		1	99	19.92	20.03	20.08	19.95	19.89	21.1
20		50	0	19.98	20.02	20.16	20.02	20.02	21.1
20		50	24	19.9	19.87	20.01	19.89	19.75	21.1
20		50	50	19.77	19.92	19.96	19.77	19.73	21.1
20		100	0	19.97	20.01	20.08	19.91	19.83	21.1
20	16QAM	1	0	19.91	19.85	19.99	19.86	19.73	21.1
20		1	49	19.68	19.81	19.85	19.61	19.65	21.1
20		1	99	19.76	19.76	19.88	19.74	19.61	21.1
20		50	0	19.86	19.89	19.99	19.82	19.81	21.1
20		50	24	19.91	19.86	20.02	19.83	19.84	21.1
20		50	50	19.92	19.92	20.04	19.92	19.86	21.1
20		100	0	20.09	20.14	20.19	19.96	20.03	21.1
20	64QAM	1	0	19.88	19.87	20.01	19.79	19.84	21.1
20		1	49	19.81	19.79	19.95	19.7	19.78	21.1
20		1	99	20.12	20.16	20.21	20.04	20.06	21.1
20		50	0	19.98	20.03	20.15	19.91	20.01	21.1
20		50	24	19.87	19.9	19.97	19.84	19.77	21.1
20		50	50	20	20.05	20.09	19.91	19.89	21.1
20		100	0	19.96	20	20.09	19.95	19.94	21.1
20	256QAM	1	0	18.11	18.25	18.38	18.17	18.1	19.6
20		1	49	18.22	18.16	18.4	18.22	18.05	19.6
20		1	99	17.98	18.05	18.21	18.04	17.91	19.6
20		50	0	18.29	18.25	18.49	18.29	18.22	19.6
20		50	24	18.28	18.42	18.57	18.46	18.23	19.6
20		50	50	18.11	18.24	18.41	18.26	18.08	19.6
20		100	0	18.24	18.27	18.48	18.36	18.22	19.6
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.07	20.21	20.16	20.02	20.1	21.1
15		1	37	19.89	20.05	19.98	19.86	19.85	21.1
15		1	74	19.87	20	20.07	19.81	19.86	21.1
15		36	0	19.91	19.92	20.04	19.9	19.91	21.1
15		36	20	19.82	19.8	19.91	19.77	19.63	21.1
15		36	39	19.66	19.87	19.88	19.67	19.63	21.1
15		75	0	19.82	19.88	19.99	19.85	19.77	21.1
15	16QAM	1	0	19.79	19.78	19.85	19.82	19.62	21.1
15		1	37	19.63	19.78	19.73	19.57	19.56	21.1
15		1	74	19.73	19.67	19.78	19.62	19.5	21.1
15		36	0	19.84	19.76	19.86	19.76	19.76	21.1
15		36	20	19.82	19.72	19.92	19.71	19.7	21.1
15		36	39	19.81	19.83	19.93	19.78	19.81	21.1
15		75	0	20.06	20.12	20.12	19.86	19.96	21.1
15	64QAM	1	0	19.77	19.72	19.89	19.68	19.83	21.1
15		1	37	19.71	19.68	19.84	19.64	19.74	21.1
15		1	74	20.11	20.08	20.19	19.96	20.03	21.1
15		36	0	19.92	20.02	20.02	19.78	19.98	21.1
15		36	20	19.8	19.88	19.96	19.74	19.7	21.1
15		36	39	19.87	19.98	19.98	19.78	19.78	21.1
15		75	0	19.84	19.9	19.95	19.93	19.82	21.1
15	256QAM	1	0	18	18.15	18.37	18.11	17.99	19.6
15		1	37	18.12	18.12	18.25	18.18	17.91	19.6
15		1	74	17.88	18.03	18.09	17.89	17.81	19.6
15		36	0	18.16	18.14	18.45	18.22	18.15	19.6
15		36	20	18.16	18.29	18.54	18.33	18.19	19.6
15		36	39	17.98	18.16	18.36	18.19	17.98	19.6
15		75	0	18.17	18.24	18.42	18.31	18.17	19.6
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.2	20.12	20.14	20.12	20.08	21.1
10		1	25	19.86	20.03	20.05	19.81	19.89	21.1
10		1	49	19.9	19.89	19.97	19.81	19.87	21.1
10		25	0	19.88	20	20.05	20.01	19.97	21.1
10		25	12	19.86	19.84	19.92	19.84	19.73	21.1
10		25	25	19.69	19.85	19.83	19.72	19.71	21.1
10		50	0	19.89	19.89	19.97	19.8	19.7	21.1
10	16QAM	1	0	19.89	19.82	19.92	19.76	19.69	21.1
10		1	25	19.58	19.79	19.7	19.58	19.51	21.1
10		1	49	19.66	19.63	19.76	19.72	19.51	21.1
10		25	0	19.83	19.84	19.92	19.74	19.74	21.1
10		25	12	19.77	19.75	19.96	19.75	19.74	21.1
10		25	25	19.9	19.89	19.93	19.82	19.72	21.1
10		50	0	19.94	20.02	20.1	19.86	19.93	21.1
10	64QAM	1	0	19.85	19.82	19.87	19.73	19.82	21.1
10		1	25	19.69	19.72	19.8	19.67	19.75	21.1
10		1	49	20.09	20.02	20.14	20	20	21.1
10		25	0	19.97	19.93	20.07	19.8	19.98	21.1
10		25	12	19.81	19.79	19.87	19.78	19.76	21.1
10		25	25	19.89	19.98	20.08	19.85	19.83	21.1
10		50	0	19.85	19.87	19.97	19.82	19.83	21.1
10	256QAM	1	0	18.07	18.11	18.35	18.06	18.01	19.6
10		1	25	18.11	18.03	18.28	18.09	17.94	19.6
10		1	49	17.89	17.99	18.19	18	17.76	19.6
10		25	0	18.23	18.21	18.42	18.24	18.08	19.6
10		25	12	18.17	18.33	18.45	18.32	18.15	19.6
10		25	25	18	18.16	18.33	18.19	17.94	19.6
10		50	0	18.21	18.14	18.33	18.21	18.12	19.6
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.09	20.15	20.24	20.02	20.03	21.1
5		1	12	19.96	20	20.1	19.87	19.79	21.1
5		1	24	19.83	19.97	19.96	19.89	19.77	21.1
5		12	0	19.95	19.9	20.07	19.95	20	21.1
5		12	7	19.88	19.8	19.99	19.79	19.7	21.1
5		12	13	19.66	19.82	19.95	19.66	19.63	21.1
5		25	0	19.91	19.92	19.98	19.87	19.8	21.1
5	16QAM	1	0	19.78	19.76	19.86	19.84	19.58	21.1
5		1	12	19.65	19.7	19.75	19.51	19.52	21.1
5		1	24	19.66	19.66	19.75	19.63	19.47	21.1
5		12	0	19.8	19.83	19.94	19.73	19.8	21.1
5		12	7	19.89	19.74	19.96	19.77	19.72	21.1
5		12	13	19.82	19.91	19.93	19.8	19.84	21.1
5		25	0	19.99	20.08	20.07	19.87	20	21.1
5	64QAM	1	0	19.81	19.86	19.98	19.73	19.8	21.1
5		1	12	19.78	19.76	19.86	19.61	19.64	21.1
5		1	24	20.02	20.06	20.14	20.01	20.03	21.1
5		12	0	19.85	20.02	20.06	19.89	19.92	21.1
5		12	7	19.81	19.79	19.83	19.75	19.62	21.1
5		12	13	19.93	19.94	19.96	19.88	19.77	21.1
5		25	0	19.94	19.9	20.06	19.81	19.92	21.1
5	256QAM	1	0	18.01	18.19	18.31	18.02	18.08	19.6
5		1	12	18.14	18.15	18.3	18.16	17.99	19.6
5		1	24	17.91	17.95	18.15	17.94	17.81	19.6
5		12	0	18.21	18.1	18.38	18.25	18.16	19.6
5		12	7	18.22	18.34	18.49	18.37	18.13	19.6
5		12	13	18.01	18.18	18.32	18.18	17.97	19.6
5		25	0	18.2	18.14	18.43	18.24	18.13	19.6

<LTE Band 4_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.51	22.61	22.49	23.7
20		1	49	22.55	22.57	22.46	23.7
20		1	99	22.45	22.47	22.46	23.7
20		50	0	22.35	22.51	22.34	23.7
20		50	24	22.35	22.32	22.25	23.7
20		50	50	22.26	22.35	22.2	23.7
20		100	0	22.02	22.29	22.14	23.7
20	16QAM	1	0	22.31	22.31	22.4	23.7
20		1	49	22.25	22.31	22.32	23.7
20		1	99	22.19	22.21	22.22	23.7
20		50	0	22.51	22.61	22.49	23.2
20		50	24	22.55	22.57	22.46	23.2
20		50	50	22.45	22.47	22.46	23.2
20		100	0	22.35	22.51	22.34	23.2
20	64QAM	1	0	21.65	21.84	21.58	23.2
20		1	49	21.58	22.06	21.62	23.2
20		1	99	21.94	22.01	21.8	23.2
20		50	0	20.68	20.84	20.59	22.2
20		50	24	20.74	20.91	20.78	22.2
20		50	50	20.58	20.76	20.51	22.2
20		100	0	20.76	20.85	20.68	22.2
20	256QAM	1	0	18.88	18.97	18.76	20.2
20		1	49	18.64	18.74	18.57	20.2
20		1	99	18.74	18.87	18.66	20.2
20		50	0	18.87	18.95	18.75	20.2
20		50	24	18.74	18.93	18.77	20.2
20		50	50	18.88	18.92	18.76	20.2
20		100	0	18.7	18.78	18.55	20.2
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.5	22.58	22.39	23.7
15		1	37	22.54	22.48	22.34	23.7
15		1	74	22.4	22.41	22.33	23.7
15		36	0	22.3	22.36	22.2	23.7
15		36	20	22.25	22.23	22.16	23.7
15		36	39	22.16	22.31	22.14	23.7
15		75	0	22.11	22.21	22.08	23.7
15	16QAM	1	0	22.19	22.29	22.36	23.7
15		1	37	22.12	22.23	22.24	23.7
15		1	74	22.13	22.15	22.2	23.7
15		36	0	22.48	22.55	22.34	23.2
15		36	20	22.4	22.55	22.4	23.2
15		36	39	22.4	22.36	22.35	23.2
15		75	0	22.3	22.36	22.22	23.2
15	64QAM	1	0	21.6	21.73	21.44	23.2
15		1	37	21.84	22.03	21.84	23.2
15		1	74	21.8	21.99	21.69	23.2
15		36	0	20.65	20.7	20.55	22.2
15		36	20	20.72	20.8	20.69	22.2
15		36	39	20.44	20.64	20.39	22.2
15		75	0	20.65	20.83	20.61	22.2
15	256QAM	1	0	18.8	18.85	18.68	20.2
15		1	37	18.49	18.6	18.47	20.2
15		1	74	18.6	18.76	18.61	20.2
15		36	0	18.74	18.91	18.66	20.2
15		36	20	18.67	18.83	18.7	20.2
15		36	39	18.62	18.83	18.67	20.2
15		75	0	18.62	18.72	18.42	20.2
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.49	22.54	22.47	23.7
10		1	25	22.46	22.53	22.43	23.7
10		1	49	22.37	22.37	22.36	23.7
10		25	0	22.31	22.47	22.19	23.7
10		25	12	22.3	22.31	22.12	23.7
10		25	25	22.28	22.27	22.13	23.7
10		50	0	22.14	22.22	22.03	23.7
10	16QAM	1	0	22.16	22.27	22.36	23.7
10		1	25	22.15	22.21	22.2	23.7
10		1	49	22.08	22.18	22.21	23.7
10		25	0	22.47	22.49	22.44	23.2
10		25	12	22.45	22.51	22.35	23.2
10		25	25	22.39	22.36	22.41	23.2
10		50	0	22.24	22.45	22.28	23.2
10	64QAM	1	0	21.55	21.71	21.46	23.2
10		1	25	21.87	22.06	21.87	23.2
10		1	49	21.84	21.9	21.67	23.2
10		25	0	20.6	20.76	20.56	22.2
10		25	12	20.63	20.79	20.76	22.2
10		25	25	20.55	20.63	20.4	22.2
10		50	0	20.66	20.72	20.56	22.2
10	256QAM	1	0	18.79	18.85	18.74	20.2
10		1	25	18.59	18.6	18.43	20.2
10		1	49	18.65	18.79	18.51	20.2
10		25	0	18.84	18.93	18.73	20.2
10		25	12	18.6	18.81	18.72	20.2
10		25	25	18.77	18.79	18.73	20.2
10		50	0	18.62	18.75	18.41	20.2
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.41	22.6	22.43	23.7
5		1	12	22.51	22.42	22.41	23.7
5		1	24	22.42	22.45	22.46	23.7
5		12	0	22.27	22.41	22.3	23.7
5		12	7	22.22	22.23	22.14	23.7
5		12	13	22.27	22.3	22.14	23.7
5		25	0	22.13	22.16	22.12	23.7
5	16QAM	1	0	22.19	22.23	22.3	23.7
5		1	12	22.17	22.19	22.2	23.7
5		1	24	22.04	22.06	22.19	23.7
5		12	0	22.42	22.56	22.37	23.2
5		12	7	22.46	22.45	22.42	23.2
5		12	13	22.4	22.45	22.44	23.2
5		25	0	22.28	22.43	22.24	23.2
5	64QAM	1	0	21.64	21.74	21.44	23.2
5		1	12	21.93	21.98	21.86	23.2
5		1	24	21.85	21.92	21.74	23.2
5		12	0	20.64	20.72	20.55	22.2
5		12	7	20.72	20.78	20.72	22.2
5		12	13	20.57	20.74	20.48	22.2
5		25	0	20.73	20.73	20.65	22.2
5	256QAM	1	0	18.85	18.95	18.75	20.2
5		1	12	18.63	18.65	18.53	20.2
5		1	24	18.6	18.76	18.59	20.2
5		12	0	18.76	18.88	18.71	20.2
5		12	7	18.62	18.9	18.62	20.2
5		12	13	18.82	18.87	18.63	20.2
5		25	0	18.56	18.7	18.52	20.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.39	22.51	22.41	23.7
3		1	8	22.41	22.45	22.4	23.7
3		1	14	22.43	22.36	22.37	23.7
3		8	0	22.27	22.47	22.33	23.7
3		8	4	22.28	22.27	22.11	23.7
3		8	7	22.24	22.28	22.11	23.7
3		15	0	22.1	22.24	22.02	23.7
3	16QAM	1	0	22.2	22.29	22.3	23.7
3		1	8	22.12	22.23	22.19	23.7
3		1	14	22.16	22.19	22.09	23.7
3		8	0	22.37	22.56	22.35	23.2
3		8	4	22.41	22.51	22.43	23.2
3		8	7	22.32	22.35	22.45	23.2
3		15	0	22.24	22.49	22.27	23.2
3	64QAM	1	0	21.64	21.76	21.57	23.2
3		1	8	21.93	22.05	21.94	23.2
3		1	14	21.92	21.99	21.7	23.2
3		8	0	20.62	20.75	20.56	22.2
3		8	4	20.65	20.81	20.64	22.2
3		8	7	20.57	20.67	20.4	22.2
3		15	0	20.64	20.72	20.57	22.2
3	256QAM	1	0	18.83	18.89	18.65	20.2
3		1	8	18.59	18.61	18.47	20.2
3		1	14	18.61	18.8	18.53	20.2
3		8	0	18.85	18.89	18.66	20.2
3		8	4	18.61	18.87	18.63	20.2
3		8	7	18.79	18.85	18.7	20.2
3		15	0	18.6	18.72	18.46	20.2
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.45	22.56	22.43	23.7
1.4		1	3	22.52	22.53	22.4	23.7
1.4		1	5	22.42	22.44	22.46	23.7
1.4		3	0	22.27	22.43	22.23	23.7
1.4		3	1	22.28	22.24	22.14	23.7
1.4		3	3	22.15	22.29	22.15	23.7
1.4		6	0	22.1	22.17	22.02	23.7
1.4	16QAM	1	0	22.28	22.27	22.35	23.7
1.4		1	3	22.22	22.2	22.18	23.7
1.4		1	5	22.16	22.11	22.21	23.7
1.4		3	0	22.02	22.03	22.87	23.2
1.4		3	1	23.03	23.03	22.9	23.7
1.4		3	3	22.93	22.94	22.89	23.7
1.4		6	0	22.26	22.48	22.23	23.2
1.4	64QAM	1	0	21.61	21.75	21.48	23.2
1.4		1	3	21.85	22.07	21.85	23.2
1.4		1	5	21.65	21.85	21.75	23.2
1.4		3	0	21.66	21.72	21.46	23.2
1.4		3	1	21.66	21.86	21.7	23.2
1.4		3	3	21.5	21.73	21.36	23.2
1.4		6	0	20.7	20.7	20.62	22.2
1.4	256QAM	1	0	18.76	18.88	18.65	20.2
1.4		1	3	18.57	18.65	18.44	20.2
1.4		1	5	18.7	18.82	18.59	20.2
1.4		3	0	18.63	18.68	18.66	20.2
1.4		3	1	18.63	18.88	18.67	20.2
1.4		3	3	18.61	18.9	18.71	20.2
1.4		6	0	18.58	18.67	18.42	20.2

<LTE Band 7_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.9	23.91	23.82	25.2
20		1	49	23.7	23.8	23.62	25.2
20		1	99	23.41	23.51	23.39	25.2
20		50	0	22.79	22.86	22.68	24.2
20		50	24	22.69	22.86	22.59	24.2
20		50	50	22.69	22.76	22.56	24.2
20		100	0	22.8	22.82	22.59	24.2
20	16QAM	1	0	22.96	23.12	22.94	24.2
20		1	49	23.03	23.11	22.97	24.2
20		1	99	22.71	22.77	22.63	24.2
20		50	0	21.79	21.85	21.64	23.2
20		50	24	21.71	21.84	21.61	23.2
20		50	50	21.62	21.66	21.45	23.2
20		100	0	21.73	21.82	21.68	23.2
20	64QAM	1	0	22.2	22.26	22.04	23.2
20		1	49	21.94	22.01	21.89	23.2
20		1	99	21.81	21.94	21.65	23.2
20		50	0	20.75	20.89	20.79	22.2
20		50	24	20.67	20.92	20.66	22.2
20		50	50	20.63	20.79	20.52	22.2
20		100	0	20.82	20.89	20.8	22.2
20	256QAM	1	0	18.98	19	18.91	20.2
20		1	49	18.67	18.81	18.7	20.2
20		1	99	18.83	18.96	18.65	20.2
20		50	0	18.85	18.87	18.78	20.2
20		50	24	18.77	18.87	18.67	20.2
20		50	50	18.78	18.91	18.67	20.2
20		100	0	18.85	18.91	18.8	20.2
Channel				20625	21100	21575	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.87	23.78	23.73	25.2
15		1	37	23.67	23.7	23.59	25.2
15		1	74	23.3	23.41	23.28	25.2
15		36	0	22.67	22.73	22.6	24.2
15		36	20	22.73	22.73	22.67	24.2
15		36	39	22.64	22.69	22.48	24.2
15		75	0	22.7	22.8	22.51	24.2
15	16QAM	1	0	22.9	23.1	22.85	24.2
15		1	37	22.9	23.02	22.88	24.2
15		1	74	22.57	22.63	22.54	24.2
15		36	0	21.73	21.71	21.6	23.2
15		36	20	21.69	21.76	21.58	23.2
15		36	39	21.5	21.57	21.42	23.2
15		75	0	21.65	21.73	21.55	23.2
15	64QAM	1	0	22.13	22.12	21.99	23.2
15		1	37	21.84	21.99	21.77	23.2
15		1	74	21.74	21.81	21.53	23.2
15		36	0	20.65	20.78	20.75	22.2
15		36	20	20.62	20.71	20.53	22.2
15		36	39	20.51	20.62	20.46	22.2
15		75	0	20.73	20.75	20.77	22.2
15	256QAM	1	0	18.91	18.91	18.79	20.2
15		1	37	18.65	18.79	18.61	20.2
15		1	74	18.73	18.82	18.66	20.2
15		36	0	18.76	18.74	18.66	20.2
15		36	20	18.68	18.76	18.63	20.2
15		36	39	18.7	18.7	18.52	20.2
15		75	0	18.77	18.83	18.71	20.2
Channel				20600	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2565	
10	QPSK	1	0	23.76	23.77	23.71	25.2
10		1	25	23.68	23.77	23.59	25.2
10		1	49	23.28	23.37	23.36	25.2
10		25	0	22.71	22.72	22.65	24.2
10		25	12	22.7	22.82	22.63	24.2
10		25	25	22.58	22.74	22.43	24.2
10		50	0	22.68	22.75	22.52	24.2
10	16QAM	1	0	22.91	23.09	22.91	24.2
10		1	25	23.02	23.07	22.84	24.2
10		1	49	22.57	22.62	22.62	24.2
10		25	0	21.75	21.73	21.62	23.2
10		25	12	21.57	21.71	21.54	23.2
10		25	25	21.58	21.54	21.37	23.2
10		50	0	21.59	21.74	21.65	23.2
10	64QAM	1	0	22.09	22.21	21.9	23.2
10		1	25	21.86	21.9	21.76	23.2
10		1	49	21.7	21.73	21.61	23.2
10		25	0	20.68	20.75	20.77	22.2
10		25	12	20.62	20.81	20.51	22.2
10		25	25	20.53	20.72	20.41	22.2
10		50	0	20.77	20.85	20.68	22.2
10	256QAM	1	0	18.84	18.87	18.89	20.2
10		1	25	18.61	18.67	18.58	20.2
10		1	49	18.77	18.84	18.52	20.2
10		25	0	18.71	18.93	18.74	20.2
10		25	12	18.64	18.85	18.52	20.2
10		25	25	18.76	18.68	18.66	20.2
10		50	0	18.79	18.83	18.72	20.2
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.77	23.77	23.75	25.2
5		1	12	23.58	23.69	23.58	25.2
5		1	24	23.33	23.45	23.31	25.2
5		12	0	22.79	22.8	22.55	24.2
5		12	7	22.73	22.81	22.62	24.2
5		12	13	22.61	22.69	22.53	24.2
5		25	0	22.74	22.74	22.46	24.2
5	16QAM	1	0	22.89	22.99	22.9	24.2
5		1	12	22.97	23.04	22.89	24.2
5		1	24	22.67	22.71	22.54	24.2
5		12	0	21.74	21.75	21.6	23.2
5		12	7	21.68	21.7	21.46	23.2
5		12	13	21.61	21.58	21.41	23.2
5		25	0	21.6	21.7	21.57	23.2
5	64QAM	1	0	22.09	22.23	21.92	23.2
5		1	12	21.85	21.91	21.84	23.2
5		1	24	21.79	21.79	21.52	23.2
5		12	0	20.6	20.66	20.76	22.2
5		12	7	20.53	20.72	20.54	22.2
5		12	13	20.53	20.71	20.38	22.2
5		25	0	20.7	20.75	20.76	22.2
5	256QAM	1	0	18.96	18.95	18.77	20.2
5		1	12	18.53	18.71	18.64	20.2
5		1	24	18.68	18.83	18.61	20.2
5		12	0	18.83	18.79	18.68	20.2
5		12	7	18.74	18.86	18.65	20.2
5		12	13	18.68	18.86	18.64	20.2
5		25	0	18.8	18.77	18.67	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.63	22.75	22.54	23.7
20		1	49	22.61	22.73	22.43	23.7
20		1	99	22.56	22.5	22.36	23.7
20		50	0	22.5	22.66	22.51	23.7
20		50	24	22.42	22.42	22.37	23.7
20		50	50	22.38	22.44	22.3	23.7
20		100	0	22.74	22.83	22.49	23.7
20	16QAM	1	0	22.33	22.31	22.47	23.7
20		1	49	22.28	22.32	22.44	23.7
20		1	99	22.22	22.26	22.35	23.7
20		50	0	21.72	21.88	21.65	23.2
20		50	24	21.69	21.86	21.58	23.2
20		50	50	21.78	21.91	21.58	23.2
20		100	0	21.81	21.92	21.62	23.2
20	64QAM	1	0	21.92	22.1	21.76	23.2
20		1	49	21.83	22.05	21.74	23.2
20		1	99	21.93	22.03	21.72	23.2
20		50	0	20.84	20.91	20.66	22.2
20		50	24	20.77	20.89	20.59	22.2
20		50	50	20.72	20.84	20.61	22.2
20		100	0	20.71	20.84	20.53	22.2
20	256QAM	1	0	18.98	19.02	18.79	20.2
20		1	49	18.82	18.99	18.74	20.2
20		1	99	18.91	18.97	18.77	20.2
20		50	0	18.93	19	18.71	20.2
20		50	24	18.92	18.99	18.8	20.2
20		50	50	18.83	18.98	18.77	20.2
20		100	0	18.93	18.97	18.57	20.2
Channel				132047	132122	132197	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.4	22.5	22.52	23.7
15		1	37	22.53	22.41	22.48	23.7
15		1	74	22.44	22.35	22.39	23.7
15		36	0	22.32	22.49	22.16	23.7
15		36	20	22.38	22.28	22.26	23.7
15		36	39	22.22	22.38	22.2	23.7
15		75	0	22.01	22.2	22.13	23.7
15	16QAM	1	0	22.31	22.22	22.4	23.7
15		1	37	22.14	22.26	22.36	23.7
15		1	74	22.12	22.23	22.31	23.7
15		36	0	21.63	21.8	21.6	23.2
15		36	20	21.66	21.83	21.5	23.2
15		36	39	21.66	21.88	21.57	23.2
15		75	0	21.75	21.86	21.6	23.2
15	64QAM	1	0	21.85	21.96	21.72	23.2
15		1	37	21.79	22.05	21.83	23.2
15		1	74	21.79	21.93	21.63	23.2
15		36	0	20.77	20.9	20.51	22.2
15		36	20	20.7	20.83	20.48	22.2
15		36	39	20.69	20.72	20.56	22.2
15		75	0	20.61	20.8	20.38	22.2
15	256QAM	1	0	18.89	18.95	18.73	20.2
15		1	37	18.69	18.87	18.61	20.2
15		1	74	18.76	18.93	18.75	20.2
15		36	0	18.78	18.92	18.67	20.2
15		36	20	18.84	18.94	18.74	20.2
15		36	39	18.73	18.97	18.72	20.2
15		75	0	18.68	18.94	18.51	20.2
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.31	22.47	22.52	23.7
10		1	25	22.47	22.41	22.49	23.7
10		1	49	22.49	22.36	22.33	23.7
10		25	0	22.32	22.45	22.19	23.7
10		25	12	22.38	22.28	22.29	23.7
10		25	25	22.25	22.36	22.28	23.7
10		50	0	22.14	22.26	22.12	23.7
10	16QAM	1	0	22.2	22.26	22.41	23.7
10		1	25	22.13	22.27	22.32	23.7
10		1	49	22.13	22.17	22.34	23.7
10		25	0	21.6	21.86	21.64	23.2
10		25	12	21.64	21.8	21.5	23.2
10		25	25	21.65	21.88	21.55	23.2
10		50	0	21.77	21.69	21.47	23.2
10	64QAM	1	0	21.88	21.97	21.64	23.2
10		1	25	21.87	21.97	21.67	23.2
10		1	49	21.84	21.69	21.53	23.2
10		25	0	20.76	20.81	20.62	22.2
10		25	12	20.71	20.75	20.55	22.2
10		25	25	20.69	20.74	20.56	22.2
10		50	0	20.6	20.78	20.52	22.2
10	256QAM	1	0	18.87	18.89	18.67	20.2
10		1	25	18.77	18.87	18.71	20.2
10		1	49	18.8	18.83	18.68	20.2
10		25	0	18.8	18.95	18.66	20.2
10		25	12	18.84	18.95	18.66	20.2
10		25	25	18.76	18.96	18.72	20.2
10		50	0	18.61	18.96	18.52	20.2
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.28	22.5	22.41	23.7
5		1	12	22.44	22.47	22.47	23.7
5		1	24	22.43	22.38	22.33	23.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.06	24.17	24.1	25.2
20		1	49	23.89	24.15	24.05	25.2
20		1	99	23.77	23.99	23.77	25.2
20		50	0	22.96	23.18	22.97	24.2
20		50	24	22.86	23.15	22.93	24.2
20		50	50	22.88	23.06	22.91	24.2
20		100	0	22.92	23.14	22.98	24.2
20	16QAM	1	0	23.32	23.47	23.3	24.2
20		1	49	23.34	23.48	23.35	24.2
20		1	99	23.2	23.44	23.32	24.2
20		50	0	22.1	22.28	22.09	23.2
20		50	24	22.06	22.21	22.1	23.2
20		50	50	22	22.13	22	23.2
20		100	0	21.94	22.16	22.05	23.2
20	64QAM	1	0	22.45	22.57	22.4	23.2
20		1	49	22.37	22.51	22.43	23.2
20		1	99	22.21	22.33	22.25	23.2
20		50	0	21.1	21.22	21.03	22.2
20		50	24	21.05	21.22	21.09	22.2
20		50	50	20.93	21.13	20.98	22.2
20		100	0	21.01	21.16	21.05	22.2
20	256QAM	1	0	19.02	19.21	19.09	20.2
20		1	49	19.34	19.51	19.38	20.2
20		1	99	19.09	19.22	19.1	20.2
20		50	0	19.04	19.25	19.06	20.2
20		50	24	19.08	19.2	19.07	20.2
20		50	50	18.96	19.15	19.08	20.2
20		100	0	19.11	19.25	19.11	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.92	24.13	24.02	25.2
15		1	37	23.84	24	23.99	25.2
15		1	74	23.7	23.86	23.65	25.2
15		36	0	22.81	23.15	22.93	24.2
15		36	20	22.95	23.11	22.95	24.2
15		36	39	22.84	23.03	22.81	24.2
15		75	0	22.77	22.99	22.86	24.2
15	16QAM	1	0	23.17	23.39	23.25	24.2
15		1	37	23.32	23.41	23.24	24.2
15		1	74	23.09	23.33	23.31	24.2
15		36	0	22.04	22.14	21.97	23.2
15		36	20	22	22.07	21.98	23.2
15		36	39	21.88	22.03	21.9	23.2
15		75	0	21.87	22.07	21.98	23.2
15	64QAM	1	0	22.3	22.44	22.39	23.2
15		1	37	22.28	22.41	22.36	23.2
15		1	74	22.14	22.26	22.24	23.2
15		36	0	21.09	21.1	20.9	22.2
15		36	20	21.04	21.2	21.07	22.2
15		36	39	20.92	21	20.84	22.2
15		75	0	20.91	21.05	20.99	22.2
15	256QAM	1	0	18.9	19.18	18.97	20.2
15		1	37	19.31	19.45	19.35	20.2
15		1	74	19.04	19.21	18.99	20.2
15		36	0	18.96	19.19	18.99	20.2
15		36	20	19.03	19.06	18.94	20.2
15		36	39	18.82	19.14	19.04	20.2
15		75	0	19.06	19.12	19.02	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.94	24.07	24.03	25.2
10		1	25	23.81	24.05	23.99	25.2
10		1	49	23.64	23.95	23.76	25.2
10		25	0	22.92	23.13	22.85	24.2
10		25	12	22.86	23	22.97	24.2
10		25	25	22.83	22.92	22.87	24.2
10		50	0	22.87	23.12	22.92	24.2
10	16QAM	1	0	23.26	23.42	23.24	24.2
10		1	25	23.19	23.41	23.33	24.2
10		1	49	23.17	23.33	23.21	24.2
10		25	0	22.06	22.22	22.03	23.2
10		25	12	21.97	22.13	21.98	23.2
10		25	25	21.86	22	21.95	23.2
10		50	0	21.93	22.14	21.99	23.2
10	64QAM	1	0	22.41	22.43	22.28	23.2
10		1	25	22.23	22.36	22.33	23.2
10		1	49	22.13	22.3	22.15	23.2
10		25	0	20.99	21.14	20.96	22.2
10		25	12	21.02	21.17	21.08	22.2
10		25	25	20.9	21.01	20.88	22.2
10		50	0	20.9	21.15	20.98	22.2
10	256QAM	1	0	18.97	19.11	19.01	20.2
10		1	25	19.23	19.42	19.26	20.2
10		1	49	19.02	19.1	19.01	20.2
10		25	0	18.95	19.23	18.94	20.2
10		25	12	19	19.1	19.04	20.2
10		25	25	18.84	19.14	19.03	20.2
10		50	0	18.99	19.19	19.1	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.92	24.15	24	25.2
5		1	12	23.87	24.07	23.94	25.2
5		1	24	23.75	23.87	23.71	25.2
5		12	0	22.89	23.14	22.91	24.2
5		12	7	22.83	23.11	22.99	24.2
5		12	13	22.76	23.01	22.95	24.2
5		25	0	22.9	23.09	22.92	24.2
5	16QAM	1	0	23.19	23.37	23.18	24.2
5		1	12	23.22	23.41	23.3	24.2
5		1	24	23.13	23.39	23.31	24.2
5		12	0	22.08	22.14	21.97	23.2
5		12	7	22.04	22.14	22.06	23.2
5		12	13	21.87	21.99	21.97	23.2
5		25	0	21.81	22.03	22.01	23.2
5	64QAM	1	0	22.33	22.53	22.32	23.2
5		1	12	22.31	22.41	22.41	23.2
5		1	24	22.08	22.26	22.15	23.2
5		12	0	21.02	21.2	20.98	22.2
5		12	7	20.92	21.14	21	22.2
5		12	13	20.91	21.02	20.94	22.2
5		25	0	20.95	21.08	21	22.2
5	256QAM	1	0	18.97	19.07	18.95	20.2
5		1	12	19.22	19.41	19.3	20.2
5		1	24	19.05	19.07	19.07	20.2
5		12	0	18.98	19.18	18.96	20.2
5		12	7	19.03	19.07	18.99	20.2
5		12	13	18.89	19.11	18.97	20.2
5		25	0	19.01	19.14	19.02	20.2

<LTE Band 41_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.85	24.18	24.2	23.79	23.75	25.2
20		1	49	23.82	24.15	24.19	23.76	23.63	25.2
20		1	99	23.61	24.03	24.07	23.62	23.51	25.2
20		50	0	22.8	23.08	23.24	22.8	22.74	24.2
20		50	24	22.75	23.1	23.21	22.78	22.68	24.2
20		50	50	22.76	23.06	23.23	22.74	22.71	24.2
20		100	0	22.77	23.14	23.24	22.83	22.7	24.2
20	16QAM	1	0	23.1	23.37	23.52	22.97	22.95	24.2
20		1	49	23.08	23.43	23.56	23.05	22.98	24.2
20		1	99	23.18	23.47	23.55	23.11	23.03	24.2
20		50	0	21.88	22.18	22.22	21.73	21.71	23.2
20		50	24	21.86	22.13	22.25	21.79	21.8	23.2
20		50	50	21.93	22.27	22.31	21.91	21.82	23.2
20		100	0	21.95	22.22	22.3	21.82	21.81	23.2
20	64QAM	1	0	22.09	22.39	22.46	21.95	21.98	23.2
20		1	49	22.14	22.41	22.51	22.06	21.99	23.2
20		1	99	21.81	22.19	22.28	21.85	21.74	23.2
20		50	0	20.8	21.11	21.25	20.83	20.72	22.2
20		50	24	20.92	21.15	21.26	20.88	20.82	22.2
20		50	50	20.85	21.2	21.26	20.76	20.82	22.2
20		100	0	20.93	21.16	21.26	20.85	20.86	22.2
20	256QAM	1	0	18.96	19.21	19.33	18.88	18.83	20.2
20		1	49	18.9	19.15	19.27	18.84	18.82	20.2
20		1	99	18.89	19.14	19.25	18.83	18.82	20.2
20		50	0	18.97	19.21	19.3	18.94	18.91	20.2
20		50	24	18.9	19.08	19.24	18.89	18.83	20.2
20		50	50	18.84	19.1	19.22	18.78	18.76	20.2
20		100	0	18.9	19.12	19.2	18.85	18.82	20.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.8	24.08	24.11	23.73	23.66	25.2
15		1	37	23.68	24.09	24.06	23.62	23.52	25.2
15		1	74	23.47	24	23.99	23.47	23.43	25.2
15		36	0	22.77	23	23.19	22.71	22.71	24.2
15		36	20	22.67	22.97	23.15	22.75	22.62	24.2
15		36	39	22.68	23.03	23.14	22.67	22.67	24.2
15		75	0	22.7	23.1	23.19	22.77	22.6	24.2
15	16QAM	1	0	23.08	23.31	23.47	22.93	22.89	24.2
15		1	37	22.97	23.38	23.48	22.93	22.92	24.2
15		1	74	23.04	23.36	23.52	23	22.95	24.2
15		36	0	21.8	22.11	22.1	21.71	21.64	23.2
15		36	20	21.73	21.99	22.14	21.66	21.7	23.2
15		36	39	21.87	22.22	22.23	21.88	21.78	23.2
15		75	0	21.81	22.13	22.28	21.8	21.71	23.2
15	64QAM	1	0	22	22.34	22.33	21.88	21.97	23.2
15		1	37	22.09	22.27	22.44	21.92	21.88	23.2
15		1	74	21.68	22.17	22.14	21.76	21.67	23.2
15		36	0	20.7	21.07	21.14	20.78	20.65	22.2
15		36	20	20.81	21.11	21.15	20.77	20.68	22.2
15		36	39	20.78	21.07	21.22	20.63	20.77	22.2
15		75	0	20.8	21.04	21.22	20.82	20.8	22.2
15	256QAM	1	0	18.83	19.13	19.21	18.87	18.7	20.2
15		1	37	18.83	19.08	19.12	18.69	18.69	20.2
15		1	74	18.87	19.08	19.22	18.8	18.77	20.2
15		36	0	18.89	19.1	19.17	18.9	18.79	20.2
15		36	20	18.81	18.95	19.1	18.86	18.79	20.2
15		36	39	18.79	19	19.2	18.77	18.73	20.2
15		75	0	18.87	19.03	19.13	18.73	18.81	20.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.72	24.08	24.17	23.76	23.68	25.2
10		1	25	23.7	24.12	24.08	23.73	23.51	25.2
10		1	49	23.47	23.95	23.99	23.51	23.44	25.2
10		25	0	22.7	23.07	23.07	22.72	22.69	24.2
10		25	12	22.68	23.08	23.2	22.66	22.54	24.2
10		25	25	22.7	23.04	23.17	22.62	22.63	24.2
10		50	0	22.7	23.01	23.12	22.7	22.59	24.2
10	16QAM	1	0	22.99	23.32	23.39	22.83	22.92	24.2
10		1	25	23.04	23.39	23.54	22.92	22.94	24.2
10		1	49	23.08	23.35	23.44	22.98	22.91	24.2
10		25	0	21.76	22.12	22.15	21.62	21.63	23.2
10		25	12	21.75	22.07	22.11	21.68	21.7	23.2
10		25	25	21.87	22.25	22.22	21.89	21.75	23.2
10		50	0	21.83	22.13	22.29	21.71	21.74	23.2
10	64QAM	1	0	21.98	22.34	22.32	21.92	21.92	23.2
10		1	25	22.12	22.35	22.43	21.94	21.89	23.2
10		1	49	21.75	22.04	22.19	21.83	21.67	23.2
10		25	0	20.67	20.99	21.13	20.79	20.69	22.2
10		25	12	20.82	21.14	21.11	20.78	20.73	22.2
10		25	25	20.79	21.12	21.24	20.72	20.77	22.2
10		50	0	20.89	21.11	21.2	20.77	20.76	22.2
10	256QAM	1	0	18.81	19.18	19.24	18.78	18.68	20.2
10		1	25	18.86	19.13	19.22	18.74	18.81	20.2
10		1	49	18.77	19.13	19.21	18.82	18.77	20.2
10		25	0	18.91	19.13	19.22	18.85	18.81	20.2
10		25	12	18.86	19.05	19.17	18.79	18.7	20.2
10		25	25	18.77	18.97	19.17	18.64	18.73	20.2
10		50	0	18.8	18.99	19.1	18.72	18.77	20.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.71	24.15	24.07	23.68	23.65	25.2
5		1	12	23.78	24.05	24.07	23.61	23.52	25.2
5		1	24	23.5	23.95	23.96	23.51	23.48	25.2
5		12	0	22.69	22.96	23.08	22.69	22.73	24.2
5		12	7	22.63	23.06	23.12	22.68	22.55	24.2
5		12	13	22.73	23.01	23.17	22.73	22.66	24.2
5		25	0	22.71	23.06	23.19	22.72	22.62	24.2
5	16QAM	1	0	23.07	23.24	23.38	22.92	22.87	24.2
5		1	12	22.94	23.37	23.48	23.02	22.97	24.2
5		1	24	23.14	23.32	23.51	22.97	22.95	24.2
5		12	0	21.86	22.1	22.11	21.63	21.61	23.2
5		12	7	21.73	21.99	22.2	21.69	21.79	23.2
5		12	13	21.82	22.26	22.3	21.86	21.71	23.2
5		25	0	21.84	22.12	22.24	21.79	21.75	23.2
5	64QAM	1	0	21.94	22.31	22.36	21.9	21.92	23.2
5		1	12	22.09	22.31	22.47	22.02	21.84	23.2
5		1	24	21.73	22.07	22.13	21.83	21.63	23.2
5		12	0	20.73	21.05	21.24	20.77	20.69	22.2
5		12	7	20.8	21.06	21.13	20.77	20.71	22.2
5		12	13	20.73	21.14	21.18	20.68	20.69	22.2
5		25	0	20.8	21.15	21.18	20.81	20.77	22.2
5	256QAM	1	0	18.92	19.13	19.25	18.85	18.72	20.2
5		1	12	18.8	19.07	19.25	18.74	18.76	20.2
5		1	24	18.8	19.02	19.16	18.74	18.74	20.2
5		12	0	18.86	19.1	19.22	18.87	18.86	20.2
5		12	7	18.76	18.96	19.23	18.82	18.7	20.2
5		12	13	18.73	19.04	19.16	18.66	18.7	20.2
5		25	0	18.76	19.07	19.09	18.76	18.78	20.2

<LTE Band 42 (27Q)_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.3	22.5	22.45	24.2
20		1	49	22.11	22.32	22.12	24.2
20		1	99	22.02	22.29	22.09	24.2
20		50	0	21.55	21.56	21.36	23.2
20		50	24	21.33	21.55	21.49	23.2
20		50	50	21.16	21.46	21.31	23.2
20		100	0	21.27	21.53	21.35	23.2
20	16QAM	1	0	21.48	21.74	21.62	23.2
20		1	49	21.52	21.74	21.57	23.2
20		1	99	21.38	21.7	21.53	23.2
20		50	0	20.31	20.51	20.37	22.2
20		50	24	20.39	20.59	20.51	22.2
20		50	50	20.25	20.52	20.4	22.2
20		100	0	20.32	20.59	20.43	22.2
20	64QAM	1	0	20.64	20.87	20.68	22.2
20		1	49	20.31	20.56	20.46	22.2
20		1	99	20.42	20.74	20.65	22.2
20		50	0	19.27	19.5	19.41	21.2
20		50	24	19.33	19.59	19.45	21.2
20		50	50	19.29	19.48	19.34	21.2
20		100	0	19.28	19.46	19.39	21.2
20	256QAM	1	0	17.44	17.63	17.47	19.2
20		1	49	17.42	17.62	17.53	19.2
20		1	99	17.39	17.56	17.44	19.2
20		50	0	17.31	17.48	17.36	19.2
20		50	24	17.31	17.55	17.47	19.2
20		50	50	17.27	17.53	17.36	19.2
20		100	0	17.34	17.53	17.46	19.2
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.23	22.36	22.42	24.2
15		1	37	21.97	22.21	21.99	24.2
15		1	74	21.92	22.16	21.98	24.2
15		36	0	21.04	21.38	21.22	23.2
15		36	20	21.19	21.5	21.46	23.2
15		36	39	21.1	21.43	21.19	23.2
15		75	0	21.25	21.47	21.27	23.2
15	16QAM	1	0	21.42	21.67	21.48	23.2
15		1	37	21.46	21.69	21.45	23.2
15		1	74	21.34	21.64	21.41	23.2
15		36	0	20.22	20.44	20.28	22.2
15		36	20	20.28	20.51	20.44	22.2
15		36	39	20.23	20.5	20.29	22.2
15		75	0	20.27	20.49	20.41	22.2
15	64QAM	1	0	20.53	20.85	20.65	22.2
15		1	37	20.22	20.47	20.32	22.2
15		1	74	20.38	20.63	20.5	22.2
15		36	0	19.19	19.42	19.32	21.2
15		36	20	19.2	19.45	19.38	21.2
15		36	39	19.27	19.46	19.23	21.2
15		75	0	19.2	19.33	19.3	21.2
15	256QAM	1	0	17.34	17.49	17.33	19.2
15		1	37	17.36	17.5	17.47	19.2
15		1	74	17.32	17.49	17.4	19.2
15		36	0	17.18	17.34	17.31	19.2
15		36	20	17.2	17.45	17.35	19.2
15		36	39	17.16	17.42	17.27	19.2
15		75	0	17.24	17.46	17.42	19.2
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.27	22.45	22.38	24.2
10		1	25	22.06	22.25	22	24.2
10		1	49	21.95	22.16	21.97	24.2
10		25	0	21.07	21.39	21.33	23.2
10		25	12	21.2	21.49	21.44	23.2
10		25	25	21.01	21.38	21.28	23.2
10		50	0	21.25	21.46	21.24	23.2
10	16QAM	1	0	21.38	21.7	21.51	23.2
10		1	25	21.37	21.69	21.52	23.2
10		1	49	21.36	21.68	21.4	23.2
10		25	0	20.27	20.45	20.34	22.2
10		25	12	20.24	20.49	20.43	22.2
10		25	25	20.24	20.46	20.35	22.2
10		50	0	20.22	20.49	20.38	22.2
10	64QAM	1	0	20.59	20.85	20.58	22.2
10		1	25	20.25	20.47	20.32	22.2
10		1	49	20.36	20.62	20.57	22.2
10		25	0	19.22	19.35	19.37	21.2
10		25	12	19.27	19.55	19.33	21.2
10		25	25	19.15	19.4	19.28	21.2
10		50	0	19.19	19.43	19.34	21.2
10	256QAM	1	0	17.39	17.49	17.38	19.2
10		1	25	17.36	17.57	17.49	19.2
10		1	49	17.32	17.55	17.37	19.2
10		25	0	17.2	17.33	17.27	19.2
10		25	12	17.28	17.5	17.4	19.2
10		25	25	17.15	17.39	17.3	19.2
10		50	0	17.2	17.39	17.37	19.2
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.15	22.38	22.32	24.2
5		1	12	22.01	22.22	22.05	24.2
5		1	24	21.94	22.26	22.03	24.2
5		12	0	21.1	21.45	21.3	23.2
5		12	7	21.27	21.54	21.41	23.2
5		12	13	21.09	21.4	21.21	23.2
5		25	0	21.19	21.51	21.3	23.2
5	16QAM	1	0	21.44	21.7	21.52	23.2
5		1	12	21.49	21.67	21.49	23.2
5		1	24	21.32	21.57	21.41	23.2
5		12	0	20.19	20.47	20.26	22.2
5		12	7	20.26	20.47	20.41	22.2
5		12	13	20.24	20.44	20.27	22.2
5		25	0	20.22	20.44	20.4	22.2
5	64QAM	1	0	20.63	20.78	20.55	22.2
5		1	12	20.25	20.47	20.33	22.2
5		1	24	20.37	20.62	20.51	22.2
5		12	0	19.17	19.42	19.37	21.2
5		12	7	19.29	19.53	19.35	21.2
5		12	13	19.26	19.34	19.25	21.2
5		25	0	19.25	19.34	19.38	21.2
5	256QAM	1	0	17.35	17.52	17.42	19.2
5		1	12	17.39	17.52	17.43	19.2
5		1	24	17.37	17.45	17.42	19.2
5		12	0	17.24	17.46	17.35	19.2
5		12	7	17.18	17.44	17.42	19.2
5		12	13	17.12	17.47	17.3	19.2
5		25	0	17.25	17.42	17.32	19.2

<LTE Band 48_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.86	20.87	20.97	20.88	20.5	22.4
20		1	49	20.78	20.83	20.95	20.75	20.33	22.4
20		1	99	20.71	20.67	20.87	20.65	20.36	22.4
20		50	0	19.95	19.89	20.09	19.88	19.5	21.4
20		50	24	19.95	19.85	20.08	19.89	19.5	21.4
20		50	50	19.79	19.8	20.01	19.78	19.48	21.4
20		100	0	19.84	19.9	20.05	19.91	19.51	21.4
20	16QAM	1	0	20.21	20.14	20.34	20.15	19.86	21.4
20		1	49	20.06	20.09	20.31	20.16	19.76	21.4
20		1	99	20.32	20.33	20.47	20.26	19.91	21.4
20		50	0	18.91	18.99	19.13	18.97	18.59	20.4
20		50	24	18.87	18.86	19.07	18.88	18.56	20.4
20		50	50	18.82	18.85	19.06	18.94	18.57	20.4
20		100	0	18.9	19.01	19.12	19.02	18.6	20.4
20	64QAM	1	0	19.17	19.11	19.3	19.1	18.75	20.4
20		1	49	19.22	19.16	19.33	19.12	18.86	20.4
20		1	99	19.06	19.06	19.2	19.08	18.68	20.4
20		50	0	17.91	17.96	18.09	17.99	17.57	19.4
20		50	24	17.87	17.9	18.01	17.84	17.46	19.4
20		50	50	17.98	17.95	18.09	17.89	17.59	19.4
20		100	0	17.99	17.93	18.11	17.98	17.64	19.4
20	256QAM	1	0	15.93	15.92	16.09	15.88	15.66	17.4
20		1	49	15.92	15.97	16.13	15.92	15.7	17.4
20		1	99	15.87	15.94	16.1	15.89	15.69	17.4
20		50	0	15.92	15.96	16.08	15.94	15.68	17.4
20		50	24	15.93	16.04	16.14	16.05	15.65	17.4
20		50	50	16.05	16.07	16.17	16.08	15.68	17.4
20		100	0	16.05	16.03	16.2	16.12	15.8	17.4
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.76	20.81	20.86	20.83	20.43	22.4
15		1	37	20.77	20.74	20.92	20.62	20.28	22.4
15		1	74	20.69	20.63	20.81	20.58	20.3	22.4
15		36	0	19.93	19.83	19.99	19.81	19.45	21.4
15		36	20	19.91	19.71	19.93	19.77	19.4	21.4
15		36	39	19.74	19.75	19.89	19.72	19.46	21.4
15		75	0	19.77	19.8	20.03	19.81	19.39	21.4
15	16QAM	1	0	20.12	20.06	20.31	20.03	19.84	21.4
15		1	37	19.95	20.06	20.17	20.09	19.74	21.4
15		1	74	20.28	20.23	20.46	20.23	19.89	21.4
15		36	0	18.79	18.92	19.04	18.91	18.53	20.4
15		36	20	18.75	18.82	19.05	18.82	18.44	20.4
15		36	39	18.76	18.77	18.93	18.89	18.52	20.4
15		75	0	18.8	18.95	19.03	18.95	18.46	20.4
15	64QAM	1	0	19.14	19.09	19.17	18.97	18.64	20.4
15		1	37	19.12	19.03	19.28	19	18.78	20.4
15		1	74	18.95	19.05	19.09	19.03	18.61	20.4
15		36	0	17.77	17.83	18	17.88	17.56	19.4
15		36	20	17.76	17.79	17.99	17.73	17.39	19.4
15		36	39	17.94	17.82	18.01	17.84	17.47	19.4
15		75	0	17.91	17.86	18.01	17.86	17.52	19.4
15	256QAM	1	0	15.81	15.8	16.05	15.87	15.55	17.4
15		1	37	15.82	15.91	16.12	15.9	15.66	17.4
15		1	74	15.82	15.88	15.99	15.75	15.54	17.4
15		36	0	15.77	15.93	16.04	15.84	15.66	17.4
15		36	20	15.84	16.01	16.04	15.9	15.54	17.4
15		36	39	15.96	16.05	16.03	15.95	15.58	17.4
15		75	0	15.98	15.88	16.18	16.02	15.77	17.4
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	20.81	20.85	20.88	20.75	20.39	22.4
10		1	25	20.76	20.75	20.85	20.64	20.31	22.4
10		1	49	20.59	20.63	20.75	20.64	20.29	22.4
10		25	0	19.86	19.79	19.99	19.78	19.42	21.4
10		25	12	19.92	19.83	20.06	19.76	19.38	21.4
10		25	25	19.71	19.78	19.9	19.64	19.44	21.4
10		50	0	19.78	19.89	19.97	19.83	19.4	21.4
10	16QAM	1	0	20.14	20.08	20.2	20.1	19.81	21.4
10		1	25	19.97	20	20.25	20.02	19.63	21.4
10		1	49	20.26	20.21	20.34	20.18	19.89	21.4
10		25	0	18.78	18.84	19.09	18.9	18.55	20.4
10		25	12	18.77	18.76	19.03	18.78	18.43	20.4
10		25	25	18.78	18.74	18.94	18.86	18.55	20.4
10		50	0	18.85	18.86	18.98	18.94	18.49	20.4
10	64QAM	1	0	19.05	19.01	19.25	18.98	18.74	20.4
10		1	25	19.11	19.08	19.31	19.04	18.78	20.4
10		1	49	18.94	18.96	19.16	18.94	18.59	20.4
10		25	0	17.87	17.9	17.99	17.87	17.47	19.4
10		25	12	17.72	17.76	17.86	17.82	17.39	19.4
10		25	25	17.89	17.81	18.05	17.78	17.46	19.4
10		50	0	17.86	17.81	18.04	17.93	17.59	19.4
10	256QAM	1	0	15.89	15.9	15.99	15.76	15.55	17.4
10		1	25	15.88	15.84	16.01	15.86	15.64	17.4
10		1	49	15.74	15.86	16.06	15.87	15.64	17.4
10		25	0	15.8	15.92	15.99	15.85	15.59	17.4
10		25	12	15.91	15.9	16.09	15.98	15.56	17.4
10		25	25	15.97	15.94	16.15	16.02	15.63	17.4
10		50	0	16.01	15.99	16.13	16.03	15.71	17.4
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.78	20.75	20.92	20.87	20.45	22.4
5		1	12	20.73	20.75	20.8	20.69	20.24	22.4
5		1	24	20.62	20.63	20.75	20.59	20.25	22.4
5		12	0	19.82	19.78	20.04	19.83	19.46	21.4
5		12	7	19.94	19.78	20.03	19.85	19.4	21.4
5		12	13	19.69	19.65	19.95	19.68	19.46	21.4
5		25	0	19.82	19.75	19.98	19.81	19.41	21.4
5	16QAM	1	0	20.16	20.05	20.31	20.11	19.71	21.4
5		1	12	19.94	19.99	20.2	20.15	19.64	21.4
5		1	24	20.28	20.21	20.45	20.22	19.88	21.4
5		12	0	18.87	18.86	19.12	18.92	18.5	20.4
5		12	7	18.81	18.83	19.01	18.85	18.52	20.4
5		12	13	18.78	18.77	18.96	18.86	18.5	20.4
5		25	0	18.77	18.88	19.07	19	18.57	20.4
5	64QAM	1	0	19.15	18.99	19.27	18.97	18.62	20.4
5		1	12	19.21	19.1	19.3	19.05	18.76	20.4
5		1	24	18.98	18.92	19.19	18.96	18.63	20.4
5		12	0	17.9	17.86	17.95	17.87	17.54	19.4
5		12	7	17.8	17.8	17.97	17.76	17.4	19.4
5		12	13	17.9	17.81	17.98	17.86	17.56	19.4
5		25	0	17.91	17.91	18.08	17.9	17.55	19.4
5	256QAM	1	0	15.9	15.82	15.99	15.85	15.54	17.4
5		1	12	15.86	15.87	16.09	15.87	15.6	17.4
5		1	24	15.85	15.82	15.97	15.86	15.63	17.4
5		12	0	15.82	15.84	16.06	15.85	15.64	17.4
5		12	7	15.82	16	16.1	16.01	15.61	17.4
5		12	13	15.94	16.05	16.08	16.02	15.55	17.4
5		25	0	16	15.93	16.13	16.02	15.78	17.4

<LTE Band 4_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.55	17.6	17.47	18.4
20		1	49	17.56	17.49	17.57	18.4
20		1	99	17.56	17.47	17.53	18.4
20		50	0	17.38	17.51	17.33	18.4
20		50	24	17.43	17.44	17.33	18.4
20		50	50	17.36	17.35	17.29	18.4
20		100	0	17.28	17.33	17.16	18.4
20	16QAM	1	0	17.27	17.35	17.34	18.4
20		1	49	17.34	17.27	17.41	18.4
20		1	99	17.3	17.3	17.3	18.4
20		50	0	17.42	17.43	17.43	18.4
20		50	24	17.39	17.35	17.58	18.4
20		50	50	17.52	17.33	17.53	18.4
20		100	0	17.41	17.57	17.4	18.4
20	64QAM	1	0	17.37	17.42	17.55	18.4
20		1	49	17.41	17.44	17.54	18.4
20		1	99	17.35	17.4	17.5	18.4
20		50	0	17.4	17.41	17.37	18.4
20		50	24	17.35	17.39	17.31	18.4
20		50	50	17.37	17.47	17.59	18.4
20		100	0	17.36	17.49	17.5	18.4
20	256QAM	1	0	17.33	17.54	17.43	18.4
20		1	49	17.32	17.57	17.39	18.4
20		1	99	17.51	17.46	17.51	18.4
20		50	0	17.43	17.52	17.37	18.4
20		50	24	17.39	17.45	17.49	18.4
20		50	50	17.35	17.41	17.46	18.4
20		100	0	17.39	17.53	17.43	18.4
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.48	17.52	17.4	18.4
15		1	37	17.47	17.42	17.43	18.4
15		1	74	17.53	17.43	17.5	18.4
15		36	0	17.31	17.41	17.18	18.4
15		36	20	17.33	17.35	17.24	18.4
15		36	39	17.34	17.27	17.21	18.4
15		75	0	17.24	17.26	17.08	18.4
15	16QAM	1	0	17.15	17.29	17.3	18.4
15		1	37	17.2	17.15	17.27	18.4
15		1	74	17.28	17.19	17.17	18.4
15		36	0	17.35	17.4	17.4	18.4
15		36	20	17.31	17.22	17.51	18.4
15		36	39	17.42	17.19	17.51	18.4
15		75	0	17.27	17.34	17.38	18.4
15	64QAM	1	0	17.33	17.31	17.54	18.4
15		1	37	17.29	17.31	17.44	18.4
15		1	74	17.28	17.45	17.41	18.4
15		36	0	17.3	17.3	17.31	18.4
15		36	20	17.23	17.32	17.23	18.4
15		36	39	17.31	17.41	17.46	18.4
15		75	0	17.22	17.45	17.38	18.4
15	256QAM	1	0	17.27	17.44	17.32	18.4
15		1	37	17.26	17.47	17.35	18.4
15		1	74	17.41	17.47	17.43	18.4
15		36	0	17.36	17.43	17.34	18.4
15		36	20	17.26	17.41	17.46	18.4
15		36	39	17.3	17.32	17.39	18.4
15		75	0	17.37	17.51	17.3	18.4
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.54	17.53	17.44	18.4
10		1	25	17.43	17.48	17.51	18.4
10		1	49	17.53	17.46	17.49	18.4
10		25	0	17.37	17.37	17.39	18.4
10		25	12	17.42	17.39	17.21	18.4
10		25	25	17.22	17.3	17.19	18.4
10		50	0	17.15	17.3	17.13	18.4
10	16QAM	1	0	17.15	17.23	17.29	18.4
10		1	25	17.19	17.17	17.36	18.4
10		1	49	17.19	17.16	17.26	18.4
10		25	0	17.39	17.36	17.4	18.4
10		25	12	17.36	17.27	17.47	18.4
10		25	25	17.39	17.26	17.5	18.4
10		50	0	17.3	17.54	17.3	18.4
10	64QAM	1	0	17.3	17.26	17.42	18.4
10		1	25	17.39	17.39	17.47	18.4
10		1	49	17.22	17.5	17.37	18.4
10		25	0	17.34	17.29	17.28	18.4
10		25	12	17.25	17.37	17.27	18.4
10		25	25	17.35	17.43	17.57	18.4
10		50	0	17.34	17.46	17.35	18.4
10	256QAM	1	0	17.26	17.51	17.38	18.4
10		1	25	17.18	17.55	17.35	18.4
10		1	49	17.49	17.41	17.39	18.4
10		25	0	17.38	17.38	17.27	18.4
10		25	12	17.36	17.39	17.41	18.4
10		25	25	17.21	17.36	17.36	18.4
10		50	0	17.26	17.46	17.35	18.4
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.41	17.53	17.33	18.4
5		1	12	17.46	17.36	17.47	18.4
5		1	24	17.42	17.32	17.44	18.4
5		12	0	17.26	17.42	17.31	18.4
5		12	7	17.32	17.4	17.24	18.4
5		12	13	17.34	17.23	17.25	18.4
5		25	0	17.2	17.3	17.1	18.4
5	16QAM	1	0	17.19	17.23	17.24	18.4
5		1	12	17.21	17.24	17.35	18.4
5		1	24	17.24	17.16	17.25	18.4
5		12	0	17.3	17.38	17.32	18.4
5		12	7	17.38	17.34	17.55	18.4
5		12	13	17.5	17.2	17.51	18.4
5		25	0	17.37	17.49	17.3	18.4
5	64QAM	1	0	17.28	17.34	17.43	18.4
5		1	12	17.34	17.39	17.47	18.4
5		1	24	17.3	17.46	17.36	18.4
5		12	0	17.35	17.36	17.33	18.4
5		12	7	17.31	17.33	17.21	18.4
5		12	13	17.3	17.36	17.57	18.4
5		25	0	17.34	17.42	17.42	18.4
5	256QAM	1	0	17.19	17.4	17.37	18.4
5		1	12	17.23	17.3	17.35	18.4
5		1	24	17.38	17.44	17.37	18.4
5		12	0	17.35	17.5	17.35	18.4
5		12	7	17.37	17.39	17.35	18.4
5		12	13	17.31	17.32	17.45	18.4
5		25	0	17.28	17.48	17.37	18.4
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.46	17.47	17.4	18.4
3		1	8	17.51	17.44	17.48	18.4
3		1	14	17.48	17.38	17.39	18.4
3		8	0	17.35	17.45	17.25	18.4
3		8	4	17.41	17.37	17.29	18.4
3		8	7	17.28	17.23	17.15	18.4
3		15	0	17.22	17.26	17.13	18.4
3	16QAM	1	0	17.17	17.26	17.33	18.4
3		1	8	17.21	17.26	17.33	18.4
3		1	14	17.17	17.16	17.25	18.4
3		8	0	17.31	17.36	17.32	18.4
3		8	4	17.34	17.23	17.37	18.4
3		8	7	17.41	17.18	17.45	18.4
3		15	0	17.34	17.54	17.27	18.4
3	64QAM	1	0	17.32	17.39	17.41	18.4
3		1	8	17.26	17.33	17.49	18.4
3		1	14	17.31	17.48	17.42	18.4
3		8	0	17.26	17.26	17.33	18.4
3		8	4	17.29	17.27	17.19	18.4
3		8	7	17.32	17.37	17.45	18.4
3		15	0	17.24	17.42	17.46	18.4
3	256QAM	1	0	17.3	17.45	17.3	18.4
3		1	8	17.25	17.53	17.37	18.4
3		1	14	17.37	17.4	17.45	18.4
3		8	0	17.4	17.44	17.31	18.4
3		8	4	17.33	17.39	17.45	18.4
3		8	7	17.31	17.36	17.45	18.4
3		15	0	17.3	17.46	17.39	18.4
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.5	17.58	17.39	18.4
1.4		1	3	17.49	17.48	17.48	18.4
1.4		1	5	17.47	17.36	17.5	18.4
1.4		3	0	17.26	17.46	17.24	18.4
1.4		3	1	17.38	17.29	17.32	18.4
1.4		3	3	17.34	17.26	17.27	18.4
1.4		6	0	17.15	17.19	17.14	18.4
1.4	16QAM	1	0	17.25	17.34	17.34	18.4
1.4		1	3	17.31	17.23	17.38	18.4
1.4		1	5	17.18	17.22	17.26	18.4
1.4		3	0	17.32	17.31	17.31	18.4
1.4		3	1	17.34	17.25	17.45	18.4
1.4		3	3	17.4	17.3	17.4	18.4
1.4		6	0	17.28	17.53	17.37	18.4
1.4	64QAM	1	0	17.3	17.27	17.53	18.4
1.4		1	3	17.32	17.4	17.44	18.4
1.4		1	5	17.29	17.49	17.46	18.4
1.4		3	0	17.29	17.26	17.31	18.4
1.4		3	1	17.34	17.35	17.28	18.4
1.4		3	3	17.34	17.33	17.47	18.4
1.4		6	0	17.31	17.37	17.45	18.4
1.4	256QAM	1	0	17.26	17.43	17.33	18.4
1.4		1	3	17.22	17.52	17.36	18.4
1.4		1	5	17.38	17.38	17.45	18.4
1.4		3	0	17.41	17.46	17.22	18.4
1.4		3	1	17.25	17.36	17.45	18.4
1.4		3	3	17.2	17.36	17.38	18.4
1.4		6	0	17.38	17.49	17.29	18.4

<LTE Band 7_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.23	20.3	20.22	21
20		1	49	20.07	20.29	20	21
20		1	99	20.04	20.15	20.07	21
20		50	0	20.04	20.2	20.11	21
20		50	24	20.01	20.03	20.08	21
20		50	50	19.99	20.05	20.04	21
20		100	0	19.93	20.02	19.82	21
20	16QAM	1	0	19.93	20.02	20.03	21
20		1	49	19.94	20	20.03	21
20		1	99	19.95	20.02	20	21
20		50	0	20.04	19.99	19.98	21
20		50	24	20.06	20.09	20.1	21
20		50	50	20.12	20.09	20.07	21
20		100	0	20.01	20.13	20.17	21
20	64QAM	1	0	20.04	20.13	20.08	21
20		1	49	20.05	19.99	20.14	21
20		1	99	20.06	20.26	20.06	21
20		50	0	20.06	20.09	20.08	21
20		50	24	20.01	20.02	19.96	21
20		50	50	19.94	20.01	20.17	21
20		100	0	20.14	20.1	20.08	21
20	256QAM	1	0	17.74	18.38	18.27	19
20		1	49	17.53	18.27	18.16	19
20		1	99	17.51	18.15	18.07	19
20		50	0	17.37	18.08	17.97	19
20		50	24	17.49	18.21	18.13	19
20		50	50	17.5	18.12	17.98	19
20		100	0	17.47	18.14	18.03	19
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.19	20.21	20.16	21
15		1	37	19.97	20.24	19.98	21
15		1	74	19.93	20.11	19.98	21
15		36	0	20.01	20.11	19.98	21
15		36	20	19.87	19.9	20.03	21
15		36	39	19.86	19.98	19.99	21
15		75	0	19.88	19.9	19.7	21
15	16QAM	1	0	19.85	19.96	19.98	21
15		1	37	19.87	19.93	20.01	21
15		1	74	19.9	19.99	19.88	21
15		36	0	19.9	19.87	19.91	21
15		36	20	19.92	19.98	20	21
15		36	39	20.04	20.06	19.96	21
15		75	0	19.9	20.06	20.03	21
15	64QAM	1	0	20	20.01	19.96	21
15		1	37	19.94	19.94	20.08	21
15		1	74	19.96	20.14	19.96	21
15		36	0	19.94	20.04	19.94	21
15		36	20	19.91	19.92	19.86	21
15		36	39	19.92	20.1	20.02	21
15		75	0	20.06	19.97	20	21
15	256QAM	1	0	17.69	18.36	18.23	19
15		1	37	17.48	18.14	18.08	19
15		1	74	17.48	18.1	18.02	19
15		36	0	17.36	17.96	17.94	19
15		36	20	17.4	18.08	18.11	19
15		36	39	17.49	18.1	17.92	19
15		75	0	17.4	18.03	17.88	19
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.2	20.25	20.16	21
10		1	25	20.05	20.26	19.91	21
10		1	49	20	20.12	19.94	21
10		25	0	19.91	20.09	20.03	21
10		25	12	19.94	20.01	19.89	21
10		25	25	19.87	19.99	20.02	21
10		50	0	19.81	19.98	19.78	21
10	16QAM	1	0	19.85	19.99	20.01	21
10		1	25	19.84	19.9	19.89	21
10		1	49	19.87	19.91	19.88	21
10		25	0	19.93	19.96	19.92	21
10		25	12	20	20.07	20.08	21
10		25	25	20	19.96	19.92	21
10		50	0	20	19.99	20.12	21
10	64QAM	1	0	19.92	20.01	20.03	21
10		1	25	19.99	19.88	20.02	21
10		1	49	19.91	20.24	19.93	21
10		25	0	20.02	20.06	20.04	21
10		25	12	19.94	19.89	19.91	21
10		25	25	19.87	20.19	20.12	21
10		50	0	20	20.08	19.98	21
10	256QAM	1	0	17.69	18.28	18.24	19
10		1	25	17.47	18.23	18.13	19
10		1	49	17.41	18.03	17.97	19
10		25	0	17.3	18.05	17.9	19
10		25	12	17.43	18.1	18.11	19
10		25	25	17.36	18.05	17.85	19
10		50	0	17.34	18.08	17.96	19
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.18	20.17	20.16	21
5		1	12	19.98	20.27	19.97	21
5		1	24	19.98	20.05	20.06	21
5		12	0	20.01	20.05	20.02	21
5		12	7	19.87	19.95	20.03	21
5		12	13	19.9	20.01	20	21
5		25	0	19.85	19.98	19.74	21
5	16QAM	1	0	19.86	19.91	19.95	21
5		1	12	19.93	19.92	19.99	21
5		1	24	19.87	19.92	19.91	21
5		12	0	20.03	19.97	19.9	21
5		12	7	20.01	19.95	19.97	21
5		12	13	20.04	20.01	20.01	21
5		25	0	20	20.12	20.09	21
5	64QAM	1	0	20.01	20.06	19.99	21
5		1	12	20	19.96	20.04	21
5		1	24	20.02	20.15	19.94	21
5		12	0	19.96	19.97	19.96	21
5		12	7	19.95	20.01	19.92	21
5		12	13	19.83	20.17	20.11	21
5		25	0	20.02	20.06	19.99	21
5	256QAM	1	0	17.65	18.3	18.13	19
5		1	12	17.44	18.19	18.06	19
5		1	24	17.39	18.04	17.97	19
5		12	0	17.25	18.05	17.91	19
5		12	7	17.47	18.1	18.08	19
5		12	13	17.42	18.09	17.85	19
5		25	0	17.41	18.08	17.91	19

<LTE Band 66_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.53	17.63	17.57	18.4
20		1	49	17.48	17.58	17.6	18.4
20		1	99	17.55	17.59	17.53	18.4
20		50	0	17.42	17.54	17.38	18.4
20		50	24	17.36	17.36	17.41	18.4
20		50	50	17.38	17.42	17.38	18.4
20		100	0	17.27	17.34	17.22	18.4
20	16QAM	1	0	17.24	17.36	17.46	18.4
20		1	49	17.29	17.38	17.4	18.4
20		1	99	17.3	17.24	17.3	18.4
20		50	0	17.37	17.38	17.3	18.4
20		50	24	17.52	17.4	17.54	18.4
20		50	50	17.5	17.47	17.42	18.4
20		100	0	17.39	17.46	17.5	18.4
20	64QAM	1	0	17.44	17.46	17.47	18.4
20		1	49	17.37	17.47	17.43	18.4
20		1	99	17.46	17.51	17.53	18.4
20		50	0	17.53	17.47	17.43	18.4
20		50	24	17.37	17.45	17.3	18.4
20		50	50	17.42	17.59	17.52	18.4
20		100	0	17.44	17.51	17.47	18.4
20	256QAM	1	0	17.41	17.58	17.5	18.4
20		1	49	17.39	17.62	17.46	18.4
20		1	99	17.57	17.45	17.38	18.4
20		50	0	17.36	17.47	17.46	18.4
20		50	24	17.36	17.43	17.49	18.4
20		50	50	17.36	17.53	17.5	18.4
20		100	0	17.36	17.4	17.48	18.4
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.4	17.51	17.46	18.4
15		1	37	17.38	17.45	17.54	18.4
15		1	74	17.5	17.45	17.46	18.4
15		36	0	17.38	17.51	17.36	18.4
15		36	20	17.21	17.22	17.31	18.4
15		36	39	17.3	17.38	17.25	18.4
15		75	0	17.14	17.31	17.11	18.4
15	16QAM	1	0	17.14	17.25	17.39	18.4
15		1	37	17.24	17.26	17.34	18.4
15		1	74	17.17	17.19	17.26	18.4
15		36	0	17.24	17.28	17.22	18.4
15		36	20	17.4	17.32	17.52	18.4
15		36	39	17.36	17.38	17.28	18.4
15		75	0	17.32	17.31	17.46	18.4
15	64QAM	1	0	17.34	17.35	17.41	18.4
15		1	37	17.24	17.39	17.35	18.4
15		1	74	17.42	17.46	17.38	18.4
15		36	0	17.42	17.38	17.37	18.4
15		36	20	17.31	17.41	17.2	18.4
15		36	39	17.36	17.49	17.5	18.4
15		75	0	17.42	17.4	17.35	18.4
15	256QAM	1	0	17.39	17.45	17.47	18.4
15		1	37	17.28	17.55	17.36	18.4
15		1	74	17.37	17.45	17.28	18.4
15		36	0	17.29	17.32	17.34	18.4
15		36	20	17.32	17.33	17.36	18.4
15		36	39	17.27	17.4	17.48	18.4
15		75	0	17.24	17.34	17.42	18.4
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.51	17.51	17.43	18.4
10		1	25	17.35	17.57	17.51	18.4
10		1	49	17.45	17.57	17.51	18.4
10		25	0	17.39	17.49	17.33	18.4
10		25	12	17.33	17.34	17.28	18.4
10		25	25	17.35	17.31	17.38	18.4
10		50	0	17.18	17.21	17.1	18.4
10	16QAM	1	0	17.22	17.25	17.34	18.4
10		1	25	17.26	17.26	17.29	18.4
10		1	49	17.16	17.14	17.26	18.4
10		25	0	17.23	17.31	17.24	18.4
10		25	12	17.5	17.33	17.41	18.4
10		25	25	17.4	17.37	17.32	18.4
10		50	0	17.29	17.41	17.36	18.4
10	64QAM	1	0	17.29	17.34	17.48	18.4
10		1	25	17.32	17.35	17.28	18.4
10		1	49	17.36	17.36	17.45	18.4
10		25	0	17.48	17.44	17.34	18.4
10		25	12	17.32	17.32	17.27	18.4
10		25	25	17.39	17.51	17.44	18.4
10		50	0	17.31	17.39	17.42	18.4
10	256QAM	1	0	17.34	17.51	17.39	18.4
10		1	25	17.33	17.49	17.35	18.4
10		1	49	17.54	17.34	17.28	18.4
10		25	0	17.32	17.39	17.38	18.4
10		25	12	17.25	17.33	17.47	18.4
10		25	25	17.3	17.45	17.35	18.4
10		50	0	17.32	17.35	17.42	18.4
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.4	17.5	17.51	18.4
5		1	12	17.35	17.47	17.5	18.4
5		1	24	17.53	17.52	17.51	18.4
5		12	0	17.31	17.52	17.32	18.4
5		12	7	17.33	17.23	17.31	18.4
5		12	13	17.28	17.39	17.27	18.4
5		25	0	17.14	17.31	17.1	18.4
5	16QAM	1	0	17.21	17.32	17.37	18.4
5		1	12	17.29	17.32	17.38	18.4
5		1

<LTE Band 38_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.84	18.88	18.83	19.7
20		1	49	18.61	18.76	18.58	19.7
20		1	99	18.63	18.7	18.57	19.7
20		50	0	18.65	18.83	18.74	19.7
20		50	24	18.48	18.66	18.48	19.7
20		50	50	18.57	18.65	18.52	19.7
20		100	0	18.58	18.76	18.57	19.7
20	16QAM	1	0	18.54	18.67	18.55	19.7
20		1	49	18.4	18.5	18.39	19.7
20		1	99	18.33	18.5	18.39	19.7
20		50	0	18.42	18.6	18.45	19.7
20		50	24	18.46	18.58	18.42	19.7
20		50	50	18.63	18.71	18.52	19.7
20		100	0	18.68	18.74	18.61	19.7
20	64QAM	1	0	18.62	18.69	18.55	19.7
20		1	49	18.45	18.58	18.44	19.7
20		1	99	18.64	18.75	18.69	19.7
20		50	0	18.5	18.67	18.6	19.7
20		50	24	18.57	18.65	18.49	19.7
20		50	50	18.56	18.72	18.63	19.7
20		100	0	18.58	18.69	18.51	19.7
20	256QAM	1	0	17.99	18.18	18.03	19.2
20		1	49	18.04	18.22	18.07	19.2
20		1	99	17.89	18.15	18.02	19.2
20		50	0	17.96	18.18	18.07	19.2
20		50	24	17.96	18.16	18.08	19.2
20		50	50	18.05	18.2	18.1	19.2
20		100	0	17.97	18.23	18.09	19.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.8	18.76	18.69	19.7
15		1	37	18.5	18.7	18.51	19.7
15		1	74	18.52	18.56	18.53	19.7
15		36	0	18.52	18.7	18.62	19.7
15		36	20	18.37	18.52	18.4	19.7
15		36	39	18.43	18.54	18.42	19.7
15		75	0	18.47	18.65	18.51	19.7
15	16QAM	1	0	18.44	18.6	18.47	19.7
15		1	37	18.38	18.44	18.31	19.7
15		1	74	18.29	18.4	18.35	19.7
15		36	0	18.3	18.46	18.39	19.7
15		36	20	18.33	18.53	18.4	19.7
15		36	39	18.56	18.7	18.49	19.7
15		75	0	18.62	18.71	18.49	19.7
15	64QAM	1	0	18.56	18.58	18.42	19.7
15		1	37	18.3	18.54	18.33	19.7
15		1	74	18.53	18.71	18.55	19.7
15		36	0	18.4	18.59	18.57	19.7
15		36	20	18.43	18.64	18.43	19.7
15		36	39	18.52	18.69	18.59	19.7
15		75	0	18.54	18.6	18.47	19.7
15	256QAM	1	0	17.93	18.11	17.89	19.2
15		1	37	18	18.2	17.94	19.2
15		1	74	17.84	18.11	18.01	19.2
15		36	0	17.87	18.14	17.93	19.2
15		36	20	17.89	18.09	18.03	19.2
15		36	39	17.94	18.09	18	19.2
15		75	0	17.89	18.13	17.99	19.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.81	18.83	18.69	19.7
10		1	25	18.51	18.66	18.45	19.7
10		1	49	18.57	18.6	18.46	19.7
10		25	0	18.57	18.75	18.7	19.7
10		25	12	18.38	18.52	18.34	19.7
10		25	25	18.48	18.61	18.47	19.7
10		50	0	18.44	18.72	18.49	19.7
10	16QAM	1	0	18.49	18.64	18.42	19.7
10		1	25	18.27	18.38	18.35	19.7
10		1	49	18.2	18.36	18.27	19.7
10		25	0	18.3	18.58	18.41	19.7
10		25	12	18.38	18.46	18.29	19.7
10		25	25	18.6	18.67	18.45	19.7
10		50	0	18.59	18.68	18.59	19.7
10	64QAM	1	0	18.54	18.58	18.4	19.7
10		1	25	18.31	18.51	18.42	19.7
10		1	49	18.5	18.69	18.65	19.7
10		25	0	18.47	18.6	18.53	19.7
10		25	12	18.44	18.53	18.38	19.7
10		25	25	18.47	18.61	18.6	19.7
10		50	0	18.57	18.58	18.44	19.7
10	256QAM	1	0	17.87	18.05	18.02	19.2
10		1	25	17.99	18.15	17.92	19.2
10		1	49	17.81	18.1	17.99	19.2
10		25	0	17.9	18.14	17.96	19.2
10		25	12	17.93	18.08	18.06	19.2
10		25	25	18.03	18.05	18.02	19.2
10		50	0	17.84	18.15	17.96	19.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.75	18.77	18.75	19.7
5		1	12	18.52	18.72	18.55	19.7
5		1	24	18.57	18.57	18.43	19.7
5		12	0	18.63	18.73	18.6	19.7
5		12	7	18.35	18.6	18.36	19.7
5		12	13	18.45	18.51	18.51	19.7
5		25	0	18.48	18.67	18.5	19.7
5	16QAM	1	0	18.47	18.56	18.42	19.7
5		1	12	18.36	18.45	18.37	19.7
5		1	24	18.2	18.49	18.29	19.7
5		12	0	18.29	18.48	18.41	19.7
5		12	7	18.43	18.46	18.41	19.7
5		12	13	18.61	18.59	18.37	19.7
5		25	0	18.57	18.65	18.5	19.7
5	64QAM	1	0	18.5	18.55	18.44	19.7
5		1	12	18.42	18.51	18.41	19.7
5		1	24	18.57	18.69	18.55	19.7
5		12	0	18.43	18.6	18.45	19.7
5		12	7	18.48	18.57	18.43	19.7
5		12	13	18.49	18.63	18.49	19.7
5		25	0	18.43	18.66	18.44	19.7
5	256QAM	1	0	17.91	18.09	17.97	19.2
5		1	12	17.93	18.11	18	19.2
5		1	24	17.85	18.14	17.96	19.2
5		12	0	17.9	18.08	18.05	19.2
5		12	7	17.89	18.02	18.06	19.2
5		12	13	17.9	18.14	18.05	19.2
5		25	0	17.86	18.13	18.08	19.2

<LTE Band 41_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.76	17.79	17.85	17.78	17.71	18.7
20		1	49	17.64	17.63	17.76	17.67	17.52	18.7
20		1	99	17.49	17.52	17.71	17.59	17.46	18.7
20		50	0	17.62	17.65	17.81	17.71	17.66	18.7
20		50	24	17.51	17.54	17.66	17.46	17.46	18.7
20		50	50	17.34	17.44	17.55	17.36	17.29	18.7
20		100	0	17.58	17.52	17.68	17.58	17.53	18.7
20	16QAM	1	0	17.42	17.51	17.6	17.52	17.33	18.7
20		1	49	17.32	17.32	17.52	17.44	17.3	18.7
20		1	99	17.32	17.44	17.53	17.35	17.36	18.7
20		50	0	17.43	17.43	17.54	17.43	17.27	18.7
20		50	24	17.43	17.39	17.58	17.46	17.3	18.7
20		50	50	17.47	17.5	17.58	17.37	17.33	18.7
20		100	0	17.56	17.67	17.77	17.64	17.62	18.7
20	64QAM	1	0	17.4	17.39	17.57	17.43	17.35	18.7
20		1	49	17.39	17.44	17.55	17.45	17.37	18.7
20		1	99	17.58	17.58	17.76	17.62	17.52	18.7
20		50	0	17.64	17.63	17.75	17.63	17.59	18.7
20		50	24	17.52	17.49	17.67	17.55	17.4	18.7
20		50	50	17.56	17.54	17.7	17.57	17.48	18.7
20		100	0	17.44	17.57	17.67	17.48	17.46	18.7
20	256QAM	1	0	16.27	16.9	17.06	16.89	16.8	18.2
20		1	49	16.47	17.06	17.21	17.12	16.9	18.2
20		1	99	16.46	17.02	17.18	17.05	16.92	18.2
20		50	0	16.54	17.14	17.24	17.14	17.03	18.2
20		50	24	16.64	17.12	17.34	17.29	17.03	18.2
20		50	50	16.53	17.16	17.3	17.19	16.97	18.2
20		100	0	16.55	17.09	17.32	17.26	17.03	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.62	17.72	17.73	17.68	17.63	18.7
15		1	37	17.51	17.55	17.69	17.57	17.4	18.7
15		1	74	17.35	17.39	17.67	17.49	17.33	18.7
15		36	0	17.51	17.62	17.77	17.6	17.58	18.7
15		36	20	17.39	17.47	17.64	17.32	17.4	18.7
15		36	39	17.23	17.35	17.42	17.33	17.24	18.7
15		75	0	17.53	17.42	17.61	17.55	17.45	18.7
15	16QAM	1	0	17.4	17.42	17.52	17.38	17.25	18.7
15		1	37	17.21	17.19	17.39	17.32	17.26	18.7
15		1	74	17.24	17.29	17.42	17.31	17.28	18.7
15		36	0	17.39	17.36	17.5	17.42	17.17	18.7
15		36	20	17.3	17.33	17.54	17.31	17.28	18.7
15		36	39	17.42	17.47	17.47	17.24	17.27	18.7
15		75	0	17.42	17.59	17.7	17.58	17.51	18.7
15	64QAM	1	0	17.36	17.32	17.48	17.41	17.21	18.7
15		1	37	17.33	17.32	17.44	17.37	17.29	18.7
15		1	74	17.52	17.47	17.68	17.6	17.42	18.7
15		36	0	17.52	17.48	17.68	17.53	17.49	18.7
15		36	20	17.38	17.43	17.62	17.48	17.28	18.7
15		36	39	17.44	17.53	17.64	17.46	17.44	18.7
15		75	0	17.41	17.55	17.64	17.42	17.44	18.7
15	256QAM	1	0	16.25	16.84	17	16.76	16.7	18.2
15		1	37	16.41	16.96	17.07	17	16.79	18.2
15		1	74	16.36	16.98	17.14	16.93	16.85	18.2
15		36	0	16.44	17.04	17.17	17.09	16.95	18.2
15		36	20	16.61	17.01	17.26	17.27	16.99	18.2
15		36	39	16.48	17.13	17.27	17.15	16.85	18.2
15		75	0	16.51	17.02	17.2	17.19	16.93	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.71	17.74	17.74	17.75	17.62	18.7
10		1	25	17.54	17.51	17.66	17.62	17.42	18.7
10		1	49	17.45	17.47	17.63	17.5	17.36	18.7
10		25	0	17.56	17.52	17.74	17.66	17.53	18.7
10		25	12	17.45	17.4	17.54	17.32	17.41	18.7
10		25	25	17.3	17.39	17.5	17.31	17.23	18.7
10		50	0	17.44	17.41	17.63	17.45	17.47	18.7
10	16QAM	1	0	17.29	17.47	17.48	17.39	17.21	18.7
10		1	25	17.27	17.26	17.42	17.43	17.21	18.7
10		1	49	17.23	17.37	17.51	17.26	17.3	18.7
10		25	0	17.41	17.35	17.46	17.36	17.25	18.7
10		25	12	17.31	17.3	17.5	17.32	17.25	18.7
10		25	25	17.46	17.48	17.54	17.3	17.18	18.7
10		50	0	17.46	17.57	17.73	17.59	17.57	18.7
10	64QAM	1	0	17.33	17.27	17.5	17.42	17.29	18.7
10		1	25	17.35	17.36	17.49	17.32	17.34	18.7
10		1	49	17.49	17.49	17.66	17.47	17.44	18.7
10		25	0	17.53	17.49	17.61	17.56	17.54	18.7
10		25	12	17.38	17.38	17.53	17.53	17.26	18.7
10		25	25	17.42	17.51	17.64	17.44	17.34	18.7
10		50	0	17.32	17.51	17.56	17.35	17.33	18.7
10	256QAM	1	0	16.24	16.83	16.96	16.75	16.69	18.2
10		1	25	16.46	17.03	17.1	17.08	16.78	18.2
10		1	49	16.34	17	17.08	16.98	16.81	18.2
10		25	0	16.43	17.08	17.09	17.08	17.02	18.2
10		25	12	16.56	17.04	17.31	17.22	17.02	18.2
10		25	25	16.4	17.1	17.22	17.12	16.92	18.2
10		50	0	16.47	17.08	17.2	17.23	16.91	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.73	17.7	17.81	17.64	17.63	18.7
5		1	12	17.51	17.6	17.62	17.6	17.38	18.7
5		1	24	17.44	17.37	17.56	17.46	17.38	18.7
5		12	0	17.57	17.53	17.8	17.56	17.59	18.7
5		12	7	17.47	17.46	17.54	17.39	17.43	18.7
5		12	13	17.27	17.33	17.47	17.27	17.2	18.7
5		25	0	17.44	17.48	17.55	17.52	17.44	18.7
5	16QAM	1	0	17.32	17.41	17.49	17.44	17.29	18.7
5		1	12	17.27	17.18	17.4	17.42	17.16	18.7
5		1	24	17.26	17.36	17.49	17.23	17.29	18.7
5		12	0	17.37	17.39	17.52	17.38	17.18	18.7
5		12	7	17.33	17.28	17.44	17.35	17.2	18.7
5		12	13	17.44	17.37	17.44	17.3	17.27	18.7
5		25	0	17.43	17.54	17.74	17.58	17.57	18.7
5	64QAM	1	0	17.35	17.35	17.45	17.4	17.26	18.7
5		1	12	17.3	17.4	17.45	17.31	17.31	18.7
5		1	24	17.53	17.48	17.73	17.47	17.45	18.7
5		12	0	17.51	17.52	17.61	17.55	17.56	18.7
5		12	7	17.43	17.47	17.61	17.47	17.38	18.7
5		12	13	17.5	17.45	17.67	17.49	17.37	18.7
5		25	0	17.3	17.46	17.66	17.36	17.35	18.7
5	256QAM	1	0	16.14	16.77	16.91	16.84	16.71	18.2
5		1	12	16.39	17.05	17.11	17	16.79	18.2
5		1	24	16.32	16.94	17.09	16.93	16.82	18.2
5		12	0	16.53	16.99	17.21	17.07	16.99	18.2
5		12	7	16.62	17.04	17.26	17.2	16.97	18.2
5		12	13	16.43	17.05	17.28	17.09	16.83	18.2
5		25	0	16.49	17.06	17.19	17.22	16.96	18.2

<LTE Band 42 (27Q)_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.52	20.55	20.53	21.8
20		1	49	20.4	20.53	20.44	21.8
20		1	99	20.43	20.47	20.31	21.8
20		50	0	19.57	19.7	19.66	20.8
20		50	24	19.52	19.67	19.55	20.8
20		50	50	19.51	19.68	19.55	20.8
20		100	0	19.5	19.65	19.61	20.8
20	16QAM	1	0	19.7	19.87	19.79	20.8
20		1	49	19.87	19.96	19.83	20.8
20		1	99	19.65	19.78	19.74	20.8
20		50	0	18.5	18.67	18.56	19.8
20		50	24	18.57	18.7	18.64	19.8
20		50	50	18.62	18.68	18.53	19.8
20		100	0	18.63	18.67	18.59	19.8
20	64QAM	1	0	18.81	18.91	18.87	19.8
20		1	49	18.74	18.88	18.79	19.8
20		1	99	18.73	18.9	18.73	19.8
20		50	0	17.63	17.69	17.58	18.8
20		50	24	17.65	17.77	17.72	18.8
20		50	50	17.67	17.73	17.7	18.8
20		100	0	17.68	17.73	17.58	18.8
20	256QAM	1	0	15.66	15.75	15.65	16.8
20		1	49	15.6	15.71	15.55	16.8
20		1	99	15.71	15.85	15.81	16.8
20		50	0	15.71	15.8	15.76	16.8
20		50	24	15.58	15.73	15.63	16.8
20		50	50	15.59	15.72	15.64	16.8
20		100	0	15.62	15.75	15.67	16.8
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.39	20.53	20.44	21.8
15		1	37	20.26	20.44	20.42	21.8
15		1	74	20.29	20.45	20.17	21.8
15		36	0	19.44	19.69	19.55	20.8
15		36	20	19.41	19.64	19.43	20.8
15		36	39	19.41	19.59	19.43	20.8
15		75	0	19.38	19.57	19.51	20.8
15	16QAM	1	0	19.59	19.75	19.78	20.8
15		1	37	19.76	19.89	19.82	20.8
15		1	74	19.52	19.69	19.72	20.8
15		36	0	18.43	18.57	18.49	19.8
15		36	20	18.45	18.57	18.52	19.8
15		36	39	18.54	18.59	18.49	19.8
15		75	0	18.54	18.66	18.56	19.8
15	64QAM	1	0	18.67	18.84	18.81	19.8
15		1	37	18.62	18.82	18.77	19.8
15		1	74	18.64	18.76	18.64	19.8
15		36	0	17.51	17.65	17.44	18.8
15		36	20	17.54	17.66	17.59	18.8
15		36	39	17.6	17.69	17.62	18.8
15		75	0	17.58	17.7	17.51	18.8
15	256QAM	1	0	15.63	15.62	15.57	16.8
15		1	37	15.46	15.64	15.4	16.8
15		1	74	15.7	15.7	15.73	16.8
15		36	0	15.69	15.77	15.62	16.8
15		36	20	15.45	15.62	15.55	16.8
15		36	39	15.49	15.6	15.62	16.8
15		75	0	15.55	15.69	15.58	16.8
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.44	20.47	20.45	21.8
10		1	25	20.26	20.43	20.34	21.8
10		1	49	20.28	20.33	20.22	21.8
10		25	0	19.45	19.69	19.54	20.8
10		25	12	19.51	19.57	19.45	20.8
10		25	25	19.5	19.64	19.53	20.8
10		50	0	19.39	19.64	19.51	20.8
10	16QAM	1	0	19.63	19.84	19.69	20.8
10		1	25	19.82	19.94	19.73	20.8
10		1	49	19.56	19.69	19.69	20.8
10		25	0	18.45	18.62	18.46	19.8
10		25	12	18.43	18.59	18.55	19.8
10		25	25	18.6	18.59	18.42	19.8
10		50	0	18.61	18.63	18.45	19.8
10	64QAM	1	0	18.8	18.88	18.78	19.8
10		1	25	18.69	18.81	18.78	19.8
10		1	49	18.71	18.77	18.66	19.8
10		25	0	17.52	17.56	17.54	18.8
10		25	12	17.63	17.66	17.58	18.8
10		25	25	17.63	17.63	17.6	18.8
10		50	0	17.6	17.6	17.44	18.8
10	256QAM	1	0	15.64	15.71	15.53	16.8
10		1	25	15.56	15.66	15.52	16.8
10		1	49	15.69	15.84	15.75	16.8
10		25	0	15.68	15.66	15.7	16.8
10		25	12	15.52	15.68	15.61	16.8
10		25	25	15.55	15.67	15.51	16.8
10		50	0	15.5	15.65	15.63	16.8
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	20.44	20.48	20.39	21.8
5		1	12	20.38	20.5	20.3	21.8
5		1	24	20.41	20.34	20.18	21.8
5		12	0	19.47	19.6	19.58	20.8
5		12	7	19.38	19.58	19.44	20.8
5		12	13	19.37	19.57	19.52	20.8
5		25	0	19.39	19.53	19.55	20.8
5	16QAM	1	0	19.58	19.82	19.7	20.8
5		1	12	19.81	19.87	19.74	20.8
5		1	24	19.59	19.66	19.68	20.8
5		12	0	18.48	18.53	18.52	19.8
5		12	7	18.55	18.56	18.56	19.8
5		12	13	18.55	18.55	18.42	19.8
5		25	0	18.56	18.53	18.57	19.8
5	64QAM	1	0	18.67	18.86	18.84	19.8
5		1	12	18.63	18.82	18.67	19.8
5		1	24	18.64	18.79	18.66	19.8
5		12	0	17.53	17.55	17.47	18.8
5		12	7	17.64	17.64	17.71	18.8
5		12	13	17.53	17.62	17.67	18.8
5		25	0	17.59	17.6	17.49	18.8
5	256QAM	1	0	15.55	15.67	15.51	16.8
5		1	12	15.58	15.6	15.5	16.8
5		1	24	15.58	15.82	15.8	16.8
5		12	0	15.67	15.67	15.75	16.8
5		12	7	15.44	15.65	15.53	16.8
5		12	13	15.55	15.58	15.56	16.8
5		25	0	15.55	15.66	15.57	16.8

<LTE Band 48_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	18.61	18.85	18.96	18.83	18.55	19.9
20		1	49	18.53	18.65	18.9	18.67	18.42	19.9
20		1	99	18.38	18.61	18.83	18.67	18.34	19.9
20		50	0	17.75	17.99	18.12	17.93	17.65	18.9
20		50	24	17.63	17.89	18.09	17.83	17.63	18.9
20		50	50	17.61	17.83	18.03	17.77	17.52	18.9
20		100	0	17.63	17.79	18.04	17.78	17.55	18.9
20	16QAM	1	0	17.96	18.15	18.36	18.11	17.91	18.9
20		1	49	17.96	18.21	18.41	18.18	17.88	18.9
20		1	99	17.94	18.21	18.35	18.1	17.91	18.9
20		50	0	16.76	16.94	17.11	16.9	16.62	17.9
20		50	24	16.79	16.96	17.14	16.96	16.73	17.9
20		50	50	16.63	16.87	17.06	16.87	16.57	17.9
20		100	0	16.69	16.93	17.04	16.89	16.59	17.9
20	64QAM	1	0	16.78	16.97	17.14	16.88	16.68	17.9
20		1	49	16.95	17.11	17.29	17.15	16.81	17.9
20		1	99	16.86	17.11	17.24	17.04	16.85	17.9
20		50	0	15.75	15.89	16.07	15.92	15.6	16.9
20		50	24	15.69	15.91	16.1	15.88	15.67	16.9
20		50	50	15.69	15.88	16.02	15.81	15.63	16.9
20		100	0	15.74	16.02	16.14	15.89	15.71	16.9
20	256QAM	1	0	13.78	14	14.1	13.93	13.66	14.9
20		1	49	13.76	13.96	14.09	13.88	13.7	14.9
20		1	99	13.78	13.99	14.11	13.88	13.74	14.9
20		50	0	13.77	14.05	14.17	13.98	13.79	14.9
20		50	24	13.82	14.06	14.15	13.95	13.7	14.9
20		50	50	13.85	13.97	14.17	14.01	13.85	14.9
20		100	0	13.79	14.08	14.18	13.96	13.83	14.9
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	18.56	18.82	18.81	18.73	18.49	19.9
15		1	37	18.42	18.62	18.81	18.59	18.4	19.9
15		1	74	18.36	18.47	18.82	18.55	18.3	19.9
15		36	0	17.65	17.91	18.01	17.88	17.6	18.9
15		36	20	17.56	17.82	18.03	17.71	17.56	18.9
15		36	39	17.48	17.8	17.92	17.63	17.45	18.9
15		75	0	17.5	17.75	17.93	17.64	17.49	18.9
15	16QAM	1	0	17.89	18.11	18.24	18	17.87	18.9
15		1	37	17.84	18.12	18.36	18.11	17.84	18.9
15		1	74	17.92	18.15	18.33	17.99	17.85	18.9
15		36	0	16.74	16.92	17.02	16.8	16.54	17.9
15		36	20	16.66	16.82	17.1	16.85	16.65	17.9
15		36	39	16.6	16.72	17	16.73	16.54	17.9
15		75	0	16.55	16.84	17.02	16.78	16.57	17.9
15	64QAM	1	0	16.69	16.83	16.99	16.79	16.59	17.9
15		1	37	16.92	17.05	17.24	17.1	16.73	17.9
15		1	74	16.74	17.04	17.21	16.97	16.76	17.9
15		36	0	15.62	15.81	16.03	15.77	15.5	16.9
15		36	20	15.55	15.83	16.05	15.82	15.52	16.9
15		36	39	15.6	15.82	15.95	15.67	15.49	16.9
15		75	0	15.7	15.89	16	15.75	15.64	16.9
15	256QAM	1	0	13.67	13.89	13.98	13.87	13.53	14.9
15		1	37	13.69	13.88	14	13.75	13.58	14.9
15		1	74	13.69	13.98	14.05	13.74	13.71	14.9
15		36	0	13.72	14.04	14.05	13.88	13.67	14.9
15		36	20	13.73	14	14.06	13.89	13.59	14.9
15		36	39	13.76	13.91	14.16	13.98	13.8	14.9
15		75	0	13.71	14.03	14.08	13.91	13.77	14.9
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	18.54	18.73	18.92	18.69	18.47	19.9
10		1	25	18.45	18.53	18.82	18.58	18.29	19.9
10		1	49	18.29	18.49	18.7	18.59	18.29	19.9
10		25	0	17.68	17.93	18.02	17.89	17.52	18.9
10		25	12	17.6	17.86	18.02	17.73	17.53	18.9
10		25	25	17.51	17.8	18	17.75	17.4	18.9
10		50	0	17.61	17.71	17.99	17.74	17.44	18.9
10	16QAM	1	0	17.87	18.06	18.25	18.09	17.9	18.9
10		1	25	17.84	18.16	18.37	18.03	17.8	18.9
10		1	49	17.91	18.09	18.21	17.95	17.87	18.9
10		25	0	16.63	16.81	17.04	16.8	16.51	17.9
10		25	12	16.67	16.86	17.1	16.92	16.59	17.9
10		25	25	16.55	16.85	16.97	16.83	16.49	17.9
10		50	0	16.61	16.8	16.98	16.83	16.52	17.9
10	64QAM	1	0	16.76	16.9	17.01	16.85	16.53	17.9
10		1	25	16.88	17.09	17.21	17.07	16.72	17.9
10		1	49	16.85	17.06	17.18	16.91	16.78	17.9
10		25	0	15.69	15.75	16.04	15.8	15.49	16.9
10		25	12	15.61	15.86	16.06	15.82	15.57	16.9
10		25	25	15.6	15.75	15.93	15.78	15.57	16.9
10		50	0	15.72	15.9	16.11	15.78	15.6	16.9
10	256QAM	1	0	13.67	13.88	14.08	13.91	13.64	14.9
10		1	25	13.62	13.83	13.95	13.86	13.61	14.9
10		1	49	13.75	13.98	14.01	13.78	13.63	14.9
10		25	0	13.74	13.93	14.05	13.87	13.68	14.9
10		25	12	13.8	14.04	14.07	13.81	13.56	14.9
10		25	25	13.71	13.94	14.08	13.91	13.78	14.9
10		50	0	13.72	14.03	14.17	13.83	13.8	14.9
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	18.49	18.74	18.92	18.74	18.53	19.9
5		1	12	18.45	18.51	18.75	18.64	18.31	19.9
5		1	24	18.3	18.56	18.69	18.6	18.26	19.9
5		12	0	17.65	17.94	18.09	17.87	17.51	18.9
5		12	7	17.55	17.77	17.97	17.77	17.5	18.9
5		12	13	17.59	17.78	17.97	17.67	17.44	18.9
5		25	0	17.55	17.73	17.91	17.76	17.43	18.9
5	16QAM	1	0	17.92	18.03	18.26	18.07	17.78	18.9
5		1	12	17.92	18.12	18.33	18.07	17.76	18.9
5		1	24	17.91	18.09	18.21	17.96	17.87	18.9
5		12	0	16.66	16.85	17.07	16.83	16.59	17.9
5		12	7	16.68	16.92	17.07	16.91	16.66	17.9
5		12	13	16.52	16.76	17.02	16.79	16.54	17.9
5		25	0	16.58	16.86	16.92	16.84	16.54	17.9
5	64QAM	1	0	16.7	16.95	17.1	16.86	16.66	17.9
5		1	12	16.85	16.98	17.18	17.07	16.7	17.9
5		1	24	16.75	17.04	17.09	16.94	16.8	17.9
5		12	0	15.69	15.85	15.93	15.81	15.57	16.9
5		12	7	15.67	15.83	15.96	15.81	15.62	16.9
5		12	13	15.58	15.83	15.88	15.78	15.49	16.9
5		25	0	15.6	15.93	16.08	15.83	15.61	16.9
5	256QAM	1	0	13.72	13.94	14.05	13.84	13.52	14.9
5		1	12	13.66	13.85	14.03	13.85	13.57	14.9
5		1	24	13.74	13.88	14.01	13.83	13.61	14.9
5		12	0	13.64	14.04	14.1	13.9	13.74	14.9
5		12	7	13.8	14.03	14.08	13.91	13.55	14.9
5		12	13	13.77	13.86	14.04	13.88	13.79	14.9
5		25	0	13.65	13.96	14.16	13.89	13.8	14.9

<LTE Band 5_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.55	25.12	24.66	25.7
10		1	25	24.53	25.04	24.66	25.7
10		1	49	24.58	24.81	24.52	25.7
10		25	0	23.59	23.94	23.56	24.7
10		25	12	23.36	23.92	23.34	24.7
10		25	25	23.35	23.86	23.5	24.7
10		50	0	23.44	23.71	23.41	24.7
10	16QAM	1	0	23.02	24.13	23.8	24.7
10		1	25	23.77	24.01	23.69	24.7
10		1	49	23.81	24.05	23.7	24.7
10		25	0	22.66	22.97	22.7	23.7
10		25	12	22.6	22.98	22.72	23.7
10		25	25	22.64	22.86	22.5	23.7
10		50	0	22.73	22.9	22.63	23.7
10	64QAM	1	0	24.02	24.23	23.95	24.7
10		1	25	23.99	24.24	23.91	24.7
10		1	49	23.75	24.06	23.89	24.7
10		25	0	22.64	22.87	22.62	23.7
10		25	12	22.48	22.7	22.35	23.7
10		25	25	22.64	22.83	22.46	23.7
10		50	0	22.45	22.75	22.37	23.7
10	256QAM	1	0	19.79	19.96	19.71	20.7
10		1	25	19.76	19.92	19.57	20.7
10		1	49	19.67	19.84	19.53	20.7
10		25	0	19.72	19.87	19.58	20.7
10		25	12	19.7	19.86	19.52	20.7
10		25	25	19.68	19.83	19.51	20.7
10		50	0	19.76	19.91	19.58	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.65	24.89	24.76	25.7
5		1	12	24.78	24.99	24.58	25.7
5		1	24	24.53	24.78	24.41	25.7
5		12	0	23.46	23.74	23.45	24.7
5		12	7	23.31	23.55	23.31	24.7
5		12	13	23.64	23.72	23.39	24.7
5		25	0	23.4	23.64	23.39	24.7
5	16QAM	1	0	23.81	24.12	23.77	24.7
5		1	12	23.74	23.88	23.58	24.7
5		1	24	23.68	23.93	23.61	24.7
5		12	0	22.6	22.95	22.61	23.7
5		12	7	22.71	22.91	22.58	23.7
5		12	13	22.59	22.86	22.36	23.7
5		25	0	22.66	22.75	22.55	23.7
5	64QAM	1	0	23.95	24.15	23.87	24.7
5		1	12	23.85	24.15	23.76	24.7
5		1	24	23.61	24.04	23.61	24.7
5		12	0	22.55	22.79	22.6	23.7
5		12	7	22.41	22.69	22.3	23.7
5		12	13	22.54	22.71	22.45	23.7
5		25	0	22.37	22.73	22.31	23.7
5	256QAM	1	0	19.73	19.92	19.58	20.7
5		1	12	19.7	19.83	19.46	20.7
5		1	24	19.52	19.73	19.5	20.7
5		12	0	19.67	19.77	19.55	20.7
5		12	7	19.68	19.72	19.45	20.7
5		12	13	19.55	19.79	19.43	20.7
5		25	0	19.69	19.84	19.46	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.91	25.08	24.75	25.7
3		1	8	24.79	24.93	24.52	25.7
3		1	14	24.56	24.72	24.42	25.7
3		8	0	23.45	23.74	23.46	24.7
3		8	4	23.31	23.52	23.31	24.7
3		8	7	23.53	23.75	23.4	24.7
3		15	0	23.32	23.59	23.38	24.7
3	16QAM	1	0	23.78	24.07	23.72	24.7
3		1	8	23.63	23.92	23.57	24.7
3		1	14	23.67	23.94	23.57	24.7
3		8	0	22.57	22.84	22.6	23.7
3		8	4	22.73	22.85	22.59	23.7
3		8	7	22.52	22.83	22.36	23.7
3		15	0	22.66	22.76	22.53	23.7
3	64QAM	1	0	24	24.12	23.94	24.7
3		1	8	23.87	24.19	23.78	24.7
3		1	14	23.73	23.96	23.66	24.7
3		8	0	22.52	22.76	22.58	23.7
3		8	4	22.38	22.55	22.33	23.7
3		8	7	22.62	22.79	22.31	23.7
3		15	0	22.44	22.62	22.33	23.7
3	256QAM	1	0	19.71	19.86	19.58	20.7
3		1	8	19.7	19.87	19.45	20.7
3		1	14	19.61	19.78	19.49	20.7
3		8	0	19.58	19.84	19.55	20.7
3		8	4	19.66	19.81	19.41	20.7
3		8	7	19.63	19.77	19.39	20.7
3		15	0	19.63	19.82	19.57	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.62	25.02	24.76	25.7
1.4		1	3	24.7	24.92	24.52	25.7
1.4		1	5	24.46	24.74	24.45	25.7
1.4		3	0	24.47	24.71	24.41	25.7
1.4		3	1	24.31	24.54	24.32	25.7
1.4		3	3	24.61	24.8	24.44	25.7
1.4		6	0	23.38	23.69	23.32	24.7
1.4	16QAM	1	0	23.85	24.01	23.77	24.7
1.4		1	3	23.72	23.99	23.67	24.7
1.4		1	5	23.75	24.02	23.58	24.7
1.4		3	0	23.61	23.89	23.65	24.7
1.4		3	1	23.66	23.97	23.67	24.7
1.4		3	3	23.53	23.73	23.36	24.7
1.4		6	0	22.64	22.8	22.56	23.7
1.4	64QAM	1	0	22.91	23.17	22.94	23.7
1.4		1	3	22.85	23.19	22.86	23.7
1.4		1	5	22.61	22.91	22.64	23.7
1.4		3	0	22.48	22.65	22.48	23.7
1.4		3	1	22.37	22.58	22.33	23.7
1.4		3	3	22.54	22.76	22.32	23.7
1.4		6	0	21.38	21.73	21.35	22.7
1.4	256QAM	1	0	19.76	19.89	19.66	20.7
1.4		1	3	19.66	19.82	19.44	20.7
1.4		1	5	19.55	19.72	19.45	20.7
1.4		3	0	19.69	19.85	19.58	20.7
1.4		3	1	19.6	19.84	19.4	20.7
1.4		3	3	19.62	19.75	19.37	20.7
1.4		6	0	19.62	19.87	19.51	20.7

<LTE Band 12_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				709	707.5	711	
10	QPSK	1	0	24.65	24.63	24.69	25.7
10		1	25	24.56	24.75	24.61	25.7
10		1	49	24.6	24.79	24.67	25.7
10		25	0	23.7	23.65	23.73	24.7
10		25	12	23.69	23.91	23.65	24.7
10		25	25	23.63	23.83	23.76	24.7
10		50	0	23.66	23.62	23.74	24.7
10	16QAM	1	0	23.79	23.98	23.85	24.7
10		1	25	23.97	24.1	23.92	24.7
10		1	49	23.88	24.06	23.96	24.7
10		25	0	22.75	22.91	22.83	23.7
10		25	12	22.71	22.91	22.84	23.7
10		25	25	22.67	22.83	22.69	23.7
10		50	0	22.79	22.88	22.72	23.7
10	64QAM	1	0	22.9	23	22.82	23.7
10		1	25	23.01	23.1	22.88	23.7
10		1	49	22.88	23.04	22.88	23.7
10		25	0	21.72	21.86	21.8	22.7
10		25	12	21.68	21.82	21.71	22.7
10		25	25	21.74	21.93	21.8	22.7
10		50	0	21.64	21.84	21.66	22.7
10	256QAM	1	0	19.47	19.68	19.61	20.7
10		1	25	19.66	19.75	19.67	20.7
10		1	49	19.61	19.68	19.53	20.7
10		25	0	19.7	19.61	19.64	20.7
10		25	12	19.7	19.86	19.79	20.7
10		25	25	19.55	19.66	19.51	20.7
10		50	0	19.61	19.71	19.53	20.7
Channel				23030	23095	23160	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	710.5	
5	QPSK	1	0	24.71	24.91	24.8	25.7
5		1	12	24.41	24.73	24.56	25.7
5		1	24	24.51	24.72	24.54	25.7
5		12	0	23.66	23.77	23.65	24.7
5		12	7	23.56	23.72	23.7	24.7
5		12	13	23.58	23.75	23.69	24.7
5		25	0	23.57	23.64	23.73	24.7
5	16QAM	1	0	23.67	23.87	23.74	24.7
5		1	12	23.67	24.01	23.62	24.7
5		1	24	23.65	24	23.63	24.7
5		12	0	22.65	22.78	22.8	23.7
5		12	7	22.59	22.89	22.8	23.7
5		12	13	22.53	22.75	22.58	23.7
5		25	0	22.7	22.83	22.61	23.7
5	64QAM	1	0	22.77	22.94	22.71	23.7
5		1	12	22.93	22.98	22.88	23.7
5		1	24	22.75	22.94	22.8	23.7
5		12	0	21.6	21.77	21.73	22.7
5		12	7	21.63	21.77	21.61	22.7
5		12	13	21.61	21.79	21.74	22.7
5		25	0	21.62	21.82	21.65	22.7
5	256QAM	1	0	19.42	19.62	19.67	20.7
5		1	12	19.63	19.72	19.59	20.7
5		1	24	19.58	19.54	19.4	20.7
5		12	0	19.63	19.71	19.61	20.7
5		12	7	19.67	19.73	19.67	20.7
5		12	13	19.42	19.59	19.42	20.7
5		25	0	19.44	19.57	19.5	20.7
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				706.5	707.5	714.5	
3	QPSK	1	0	24.75	24.63	24.77	25.7
3		1	8	24.47	24.73	24.52	25.7
3		1	14	24.5	24.69	24.53	25.7
3		8	0	23.65	23.83	23.82	24.7
3		8	4	23.57	23.64	23.67	24.7
3		8	7	23.48	23.68	23.71	24.7
3		15	0	23.55	23.79	23.68	24.7
3	16QAM	1	0	23.7	23.94	23.73	24.7
3		1	8	23.53	23.99	23.66	24.7
3		1	14	23.66	23.93	23.91	24.7
3		8	0	22.61	22.78	22.76	23.7
3		8	4	22.64	22.82	22.79	23.7
3		8	7	22.45	22.69	22.55	23.7
3		15	0	22.74	22.75	22.68	23.7
3	64QAM	1	0	22.85	22.96	22.77	23.7
3		1	8	22.96	23.02	22.86	23.7
3		1	14	22.8	22.95	22.78	23.7
3		8	0	21.73	21.75	21.76	22.7
3		8	4	21.6	21.71	21.59	22.7
3		8	7	21.65	21.86	21.68	22.7
3		15	0	21.63	21.73	21.61	22.7
3	256QAM	1	0	19.37	19.56	19.58	20.7
3		1	8	19.58	19.67	19.53	20.7
3		1	14	19.57	19.64	19.47	20.7
3		8	0	19.63	19.66	19.58	20.7
3		8	4	19.67	19.72	19.7	20.7
3		8	7	19.44	19.52	19.41	20.7
3		15	0	19.49	19.66	19.47	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				705.7	707.5	715.3	
1.4	QPSK	1	0	24.81	24.65	24.8	25.7
1.4		1	3	24.5	24.67	24.57	25.7
1.4		1	5	24.52	24.69	24.61	25.7
1.4		3	0	24.61	24.82	24.58	25.7
1.4		3	1	24.63	24.67	24.59	25.7
1.4		3	3	24.48	24.74	24.63	25.7
1.4		6	0	23.63	23.84	23.66	24.7
1.4	16QAM	1	0	23.66	23.87	23.81	24.7
1.4		1	3	23.67	24.02	23.79	24.7
1.4		1	5	23.76	24.03	23.84	24.7
1.4		3	0	23.64	23.88	23.79	24.7
1.4		3	1	23.65	23.86	23.7	24.7
1.4		3	3	23.59	23.77	23.58	24.7
1.4		6	0	22.75	22.79	22.7	23.7
1.4	64QAM	1	0	22.83	23.07	22.66	23.7
1.4		1	3	22.89	23.02	22.89	23.7
1.4		1	5	22.77	23.02	22.76	23.7
1.4		3	0	22.66	22.82	22.73	23.7
1.4		3	1	22.64	22.76	22.57	23.7
1.4		3	3	22.65	22.79	22.76	23.7
1.4		6	0	21.58	21.71	21.58	22.7
1.4	256QAM	1	0	19.72	19.62	19.59	20.7
1.4		1	3	19.63	19.72	19.58	20.7
1.4		1	5	19.47	19.55	19.46	20.7
1.4		3	0	19.59	19.7	19.62	20.7
1.4		3	1	19.69	19.76	19.78	20.7
1.4		3	3	19.49	19.6	19.43	20.7
1.4		6	0	19.42	19.58	19.44	20.7

<LTE Band 13_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.7
10		1	25		24.96		25.7
10		1	49		24.98		25.7
10		25	0		24.12		24.7
10		25	12		24.1		24.7
10		25	25		23.98		24.7
10		50	0		23.98		24.7
10	16QAM	1	0		23.99		24.7
10		1	25		24.04		24.7
10		1	49		24.13		24.7
10		25	0		23.01		23.7
10		25	12		23.06		23.7
10		25	25		23.06		23.7
10		50	0		23.09		23.7
10	64QAM	1	0		23.05		23.7
10		1	25		23.06		23.7
10		1	49		23.09		23.7
10		25	0		21.98		22.7
10		25	12		22.17		22.7
10		25	25		22.01		22.7
10		50	0		22.08		22.7
10	256QAM	1	0		19.95		20.7
10		1	25		19.93		20.7
10		1	49		19.95		20.7
10		25	0		20.04		20.7
10		25	12		20.14		20.7
10		25	25		20.16		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
8	QPSK	1	0	24.87	24.88	24.81	25.7
8		1	12	24.68	24.82	24.72	25.7
8		1	24	24.74	24.9	24.81	25.7
8		12	0	23.69	23.77	23.56	24.7
8		12	7	23.66	24.02	23.84	24.7
8		12	13	23.77	23.91	23.78	24.7
8		25	0	23.72	23.76	23.52	24.7
8	16QAM	1	0	23.65	23.87	23.68	24.7
8		1	12	23.68	23.92	23.78	24.7
8		1	24	23.67	24.09	23.98	24.7
8		12	0	22.78	22.88	22.77	23.7
8		12	7	23.02	23.06	22.93	23.7
8		12	13	23.07	22.99	22.9	23.7
8		25	0	22.77	22.88	22.7	23.7
8	64QAM	1	0	22.71	22.82	22.75	23.7
8		1	12	23.02	22.99	22.77	23.7
8		1	24	23.01	23.03	22.91	23.7
8		12	0	21.81	21.82	21.75	22.7
8		12	7	21.91	22.06	21.96	22.7
8		12	13	21.8	21.94	21.84	22.7
8		25	0	21.91	22.03	21.91	22.7
8	256QAM	1	0	19.79	19.88	19.77	20.7
8		1	12	19.79	19.85	19.77	20.7
8		1	24	19.81	19.75	19.88	20.7
8		12	0	19.76	19.89	19.8	20.7
8		12	7	19.99	20.02	19.89	20.7
8		12	13	19.84	19.97	19.85	20.7
8		25	0	20.06	20.09	19.95	20.7

<LTE Band 17_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				706	710	714	
10	QPSK	1	0	23.83	24	24	24.7
10		1	25	23.93	24.04	23.93	24.7
10		1	49	23.83	23.98	23.82	24.7
10		25	0	23.07	23.45	23.08	24.7
10		25	12	23.07	23.32	23.75	24.7
10		25	25	23.04	23.89	23.76	24.7
10		50	0	23.08	23.9	23.7	24.7
10	16QAM	1	0	23.88	24.13	24.02	24.7
10		1	25	23.79	24.04	23.9	24.7
10		1	49	24.06	24.31	24.11	24.7
10		25	0	22.72	23	22.76	23.7
10		25	12	22.64	22.95	22.72	23.7
10		25	25	22.75	23	22.83	23.7
10		50	0	22.68	22.95	22.83	23.7
10	64QAM	1	0	22.7	23.02	22.87	23.7
10		1	25	22.8	23.01	22.91	23.7
10		1	49	22.8	23.1	22.93	23.7
10		25	0	21.8	21.92	21.91	22.7
10		25	12	21.67	21.87	21.77	22.7
10		25	25	21.77	21.99	21.75	22.7
10		50	0	21.66	21.88	21.77	22.7
10	256QAM	1	0	19.7	19.91	19.82	20.7
10		1	25	19.64	19.85	19.73	20.7
10		1	49	19.47	19.75	19.8	20.7
10		25	0	19.61	19.89	19.7	20.7
10		25	12	19.77	20.02	19.93	20.7
10		25	25	19.7	19.97	19.88	20.7
10		50	0	19.67	20.08	19.86	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.99	23.94	23.97	24.7
5		1	12	23.92	23.96	23.94	24.7
5		1	24	23.82	23.93	23.71	24.7
5		12	0	23.01	23.82	23.64	24.7
5		12	7	23.54	23.82	23.66	24.7
5		12	13	23.53	23.78	23.71	24.7
5		25	0	23.39	23.86	23.57	24.7
5	16QAM	1	0	23.8	24.11	23.88	24.7
5		1	12	23.99	23.98	23.82	24.7
5		1	24	24.09	24.29	24	24.7
5		12	0	22.59	22.98	22.75	23.7
5		12	7	22.53	22.95	22.58	23.7
5		12	13	22.68	22.99	22.68	23.7
5		25	0	22.57	22.8	22.75	23.7
5	64QAM	1	0	22.6	22.95	22.76	23.7
5		1	12	22.79	22.98	22.88	23.7
5		1	24	22.7	22.99	22.78	23.7
5		12	0	21.57	21.87	21.73	22.7
5		12	7	21.65	21.75	21.62	22.7
5		12	13	21.63	21.86	21.68	22.7
5		25	0	21.54	21.78	21.64	22.7
5	256QAM	1	0	19.57	19.82	19.75	20.7
5		1	12	19.58	19.79	19.67	20.7
5		1	24	19.41	19.73	19.51	20.7
5		12	0	19.5	19.85	19.64	20.7
5		12	7	19.69	19.92	19.84	20.7
5		12	13	19.66	19.85	19.75	20.7
5		25	0	19.74	20.05	19.76	20.7

<LTE Band 26_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.66	24.55	24.45	25.7
15		1	37	24.78	24.69	24.67	25.7
15		1	74	24.67	24.64	24.78	25.7
15		36	0	24.04	24.14	24.02	24.7
15		36	20	23.81	23.95	23.83	24.7
15		36	39	23.91	24.01	23.86	24.7
15		75	0	23.84	24.11	23.97	24.7
15	16QAM	1	0	23.66	24.01	23.84	24.7
15		1	37	24.03	24.13	24.01	24.7
15		1	74	23.97	24.16	23.95	24.7
15		36	0	22.89	23.05	22.89	23.7
15		36	20	22.96	23.03	22.89	23.7
15		36	39	23.09	23.09	23.07	23.7
15		75	0	22.83	22.94	22.79	23.7
15	64QAM	1	0	22.93	23.07	22.88	23.7
15		1	37	22.77	22.98	22.89	23.7
15		1	74	22.89	22.98	22.79	23.7
15		36	0	21.83	21.98	21.77	22.7
15		36	20	21.82	21.9	21.87	22.7
15		36	39	21.82	21.96	21.76	22.7
15		75	0	21.88	22.07	21.93	22.7
15	256QAM	1	0	19.65	20	19.91	20.7
15		1	37	19.59	20.09	19.95	20.7
15		1	74	19.92	20.07	19.93	20.7
15		36	0	20.01	20.09	19.92	20.7
15		36	20	19.87	20.03	19.88	20.7
15		36	39	20.06	20.17	20.08	20.7
15		75	0	19.88	20.13	19.97	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				818	831.5	844	
10	QPSK	1	0	24.79	24.69	24.79	25.7
10		1	25	24.69	24.75	24.58	25.7
10		1	49	24.75	24.92	24.75	25.7
10		25	0	23.99	24.05	23.94	24.7
10		25	12	23.77	23.89	23.81	24.7
10		25	25	23.77	23.99	23.73	24.7
10		50	0	23.89	23.98	23.77	24.7
10	16QAM	1	0	23.74	23.96	23.74	24.7
10		1	25	23.9	24.04	23.89	24.7
10		1	49	23.91	24.05	23.91	24.7
10		25	0	22.84	22.96	22.79	23.7
10		25	12	22.92	22.96	22.78	23.7
10		25	25	22.74	23.03	22.81	23.7
10		50	0	22.7	22.9	22.69	23.7
10	64QAM	1	0	22.84	23.03	22.77	23.7
10		1	25	22.67	22.84	22.77	23.7
10		1	49	22.86	22.9	22.75	23.7
10		25	0	21.82	21.97	21.85	22.7
10		25	12	21.72	21.86	21.88	22.7
10		25	25	21.73	21.87	21.72	22.7
10		50	0	21.87	22.01	21.91	22.7
10	256QAM	1	0	19.78	19.88	19.73	20.7
10		1	25	19.84	19.99	19.8	20.7
10		1	49	19.86	19.97	19.84	20.7
10		25	0	19.92	19.96	19.85	20.7
10		25	12	19.72	19.9	19.82	20.7
10		25	25	19.93	20.06	20.04	20.7
10		50	0	19.84	20.09	19.92	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
8	QPSK	1	0	24.75	24.82	24.77	25.7
8		1	12	24.75	24.83	24.59	25.7
8		1	24	24.73	24.87	24.77	25.7
8		12	0	23.89	24.06	23.9	24.7
8		12	7	23.69	23.8	23.76	24.7
8		12	13	23.81	23.97	23.75	24.7
8		25	0	23.65	24.08	23.83	24.7
8	16QAM	1	0	23.78	23.87	23.69	24.7
8		1	12	23.93	24.03	23.94	24.7
8		1	24	23.88	24.12	23.84	24.7
8		12	0	22.65	22.94	22.79	23.7
8		12	7	22.93	22.91	22.96	23.7
8		12	13	22.75	23	22.84	23.7
8		25	0	22.71	22.86	22.67	23.7
8	64QAM	1	0	22.89	23.03	22.76	23.7
8		1	12	22.74	22.92	22.89	23.7
8		1	24	22.86	22.95	22.65	23.7
8		12	0	21.61	21.9	21.7	22.7
8		12	7	21.68	21.79	21.58	22.7
8		12	13	21.71	21.91	21.65	22.7
8		25	0	21.79	21.95	21.94	22.7
8	256QAM	1	0	19.78	19.88	19.76	20.7
8		1	12	19.84	19.97	19.82	20.7
8		1	24	19.86	20.04	19.94	20.7
8		12	0	19.9	19.89	19.88	20.7
8		12	7	19.77	19.96	19.81	20.7
8		12	13	19.56	20.13	20.01	20.7
8		25	0	19.65	20.09	19.92	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.74	24.88	24.76	25.7
3		1	8	24.7	24.82	24.53	25.7
3		1	14	24.75	24.84	24.66	25.7
3		8	0	23.97	24.12	23.89	24.7
3		8	4	23.7	23.83	23.76	24.7
3		8	7	23.62	23.91	23.75	24.7
3		15	0	23.81	24.1	23.82	24.7
3	16QAM	1	0	23.75	23.88	23.73	24.7
3		1	8	23.9	24.12	23.87	24.7
3		1	14	23.84	24.11	23.83	24.7
3		8	0	22.8	22.93	22.72	23.7
3		8	4	22.63	22.93	22.76	23.7
3		8	7	22.75	23.03	22.83	23.7
3		15	0	22.76	22.9	22.76	23.7
3	64QAM	1	0	22.83	23.06	22.77	23.7
3		1	8	22.65	22.92	22.7	23.7
3		1	14	22.76	22.91	22.65	23.7
3		8	0	21.6	21.91	21.66	22.7
3		8	4	21.79	21.84	21.67	22.7
3		8	7	21.78	21.9	21.62	22.7
3		15	0	21.66	21.95	21.85	22.7
3	256QAM	1	0	19.62	19.88	19.75	20.7
3		1	8	19.67	20.07	19.9	20.7
3		1	14	19.78	19.96	19.86	20.7
3		8	0	20	20.03	19.93	20.7
3		8	4	19.72	19.92	19.8	20.7
3		8	7	20.01	20.04	19.96	20.7
3		15	0	19.88	20.11	19.91	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.79	24.88	24.76	25.7
1.4		1	3	24.75	24.75	24.61	25.7
1.4		1	5	24.75	24.82	24.7	25.7
1.4		3	0	24.95	25	24.89	25.7
1.4		3	1	24.77	24.91	24.69	25.7
1.4		3	3	24.83	24.94	24.76	25.7
1.4		6	0	23.89	24.05	23.9	24.7
1.4	16QAM	1	0	23.79	23.94	23.75	24.7
1.4		1	3	23.98	24.09	23.87	24.7
1.4		1	5	23.83	24.1	23.87	24.7
1.4		3	0	23.75	23.92	23.74	24.7
1.4		3	1	23.92	24	23.79	24.7
1.4		3	3	23.84	24.05	23.75	24.7
1.4		6	0	22.74	22.88	22.71	23.7
1.4	64QAM	1	0	22.89	22.92	22.76	23.7
1.4		1	3	22.68	22.94	22.69	23.7
1.4		1	5	22.87	22.85	22.71	23.7
1.4		3	0	22.74	22.89	22.71	23.7
1.4		3	1	22.78	22.87	22.54	23.7
1.4		3	3	22.87	22.84	22.65	23.7
1.4		6	0	21.78	22.03	21.78	22.7
1.4	256QAM	1	0	19.78	19.95	19.69	20.7
1.4		1	3	19.87	19.93	19.89	20.7
1.4		1	5	19.92	20.03	19.91	20.7
1.4		3	0	19.95	20.01	19.77	20.7
1.4		3	1	19.79	19.94	19.85	20.7
1.4		3	3	19.97	20.05	20.01	20.7
1.4		6	0	19.91	20.03	19.85	20.7

<LTE Band 71_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133297	133172	
Frequency (MHz)				673	660.5	648	
20	QPSK	1	0	23.86	24.02	23.86	24.7
20		1	49	23.92	23.96	23.8	24.7
20		1	99	23.3	23.8	23.38	24.7
20		50	0	23.75	24.1	23.94	24.7
20		50	24	23.6	23.96	23.77	24.7
20		50	50	23.59	23.95	23.72	24.7
20		100	0	23.62	24.02	23.78	24.7
20	16QAM	1	0	23.62	24.21	23.95	24.7
20		1	49	23.74	24.15	23.9	24.7
20		1	99	23.71	24.16	23.91	24.7
20		50	0	22.75	23.08	22.83	23.7
20		50	24	22.68	23.03	22.75	23.7
20		50	50	22.61	23.01	22.82	23.7
20	64QAM	100	0	22.69	23.09	22.91	23.7
20		1	0	22.97	23.35	23.16	23.7
20		1	49	22.74	23.13	22.87	23.7
20		1	99	22.62	22.95	22.79	23.7
20		50	0	21.69	22.04	21.8	22.7
20		50	24	21.77	22.12	21.96	22.7
20		50	50	21.6	21.92	21.78	22.7
20		100	0	21.64	22.05	21.81	22.7
20	256QAM	1	0	19.66	20.05	19.88	20.7
20		1	49	19.67	20	19.84	20.7
20		1	99	19.63	19.96	19.8	20.7
20		50	0	19.67	19.96	19.77	20.7
20		50	24	19.75	20.14	19.93	20.7
20		50	50	19.76	20.12	19.96	20.7
20		100	0	19.84	20.01	19.86	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.54	23.89	23.87	24.7
15		1	37	23.38	23.92	23.65	24.7
15		1	74	23.3	23.71	23.33	24.7
15		36	0	23.71	24.03	23.9	24.7
15		36	20	23.58	23.88	23.72	24.7
15		36	39	23.54	23.91	23.64	24.7
15		75	0	23.33	23.95	23.73	24.7
15	16QAM	1	0	23.81	24.11	23.9	24.7
15		1	37	23.7	24.13	23.83	24.7
15		1	74	23.57	24.15	23.79	24.7
15		36	0	22.86	22.97	22.77	23.7
15		36	20	22.93	23.01	22.73	23.7
15		36	39	22.46	22.91	22.93	23.7
15		75	0	22.67	22.95	22.79	23.7
15	64QAM	1	0	22.92	23.33	23.1	23.7
15		1	37	22.7	23.01	22.72	23.7
15		1	74	22.57	22.85	22.71	23.7
15		36	0	21.83	21.9	21.88	22.7
15		36	20	21.74	22.08	21.91	22.7
15		36	39	21.48	21.87	21.74	22.7
15		75	0	21.81	21.96	21.7	22.7
15	256QAM	1	0	19.82	19.95	19.78	20.7
15		1	37	19.64	19.92	19.81	20.7
15		1	74	19.53	19.92	19.67	20.7
15		36	0	19.5	19.92	19.88	20.7
15		36	20	19.68	20.11	19.82	20.7
15		36	39	19.62	20.07	19.83	20.7
15		75	0	19.5	19.94	19.77	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.82	23.98	23.85	24.7
10		1	25	23.77	23.85	23.73	24.7
10		1	49	23.3	23.7	23.3	24.7
10		25	0	23.7	23.95	23.83	24.7
10		25	12	23.54	23.91	23.75	24.7
10		25	25	23.55	23.93	23.57	24.7
10		50	0	23.59	23.98	23.64	24.7
10	16QAM	1	0	23.72	24.2	23.91	24.7
10		1	25	23.59	24.08	23.76	24.7
10		1	49	23.63	24.09	23.84	24.7
10		25	0	22.67	23.01	22.73	23.7
10		25	12	22.54	23	22.66	23.7
10		25	25	22.37	22.79	22.65	23.7
10		50	0	22.66	23.08	22.77	23.7
10	64QAM	1	0	22.82	23.33	23.13	23.7
10		1	25	22.69	23.01	22.8	23.7
10		1	49	22.51	22.9	22.65	23.7
10		25	0	21.67	21.96	21.68	22.7
10		25	12	21.72	21.98	21.88	22.7
10		25	25	21.58	21.86	21.77	22.7
10		50	0	21.63	21.97	21.71	22.7
10	256QAM	1	0	19.81	19.98	19.81	20.7
10		1	25	19.67	19.86	19.75	20.7
10		1	49	19.49	19.87	19.68	20.7
10		25	0	19.53	19.84	19.71	20.7
10		25	12	19.64	20.08	19.79	20.7
10		25	25	19.69	19.99	19.85	20.7
10		50	0	19.48	19.9	19.83	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.54	23.87	23.86	24.7
5		1	12	23.48	23.84	23.78	24.7
5		1	24	23.31	23.71	23.34	24.7
5		12	0	23.81	24.07	23.86	24.7
5		12	7	23.51	23.86	23.65	24.7
5		12	13	23.54	23.84	23.7	24.7
5		25	0	23.39	23.98	23.65	24.7
5	16QAM	1	0	23.69	24.15	23.81	24.7
5		1	12	23.66	24.03	23.85	24.7
5		1	24	23.67	24.07	23.75	24.7
5		12	0	22.63	22.99	22.69	23.7
5		12	7	22.58	23.02	22.71	23.7
5		12	13	22.48	22.8	22.59	23.7
5		25	0	22.61	23.04	22.69	23.7
5	64QAM	1	0	22.66	23.02	23.1	23.7
5		1	12	22.68	23.05	22.83	23.7
5		1	24	22.47	22.82	22.73	23.7
5		12	0	21.64	22.01	21.76	22.7
5		12	7	21.67	21.98	21.86	22.7
5		12	13	21.54	21.82	21.76	22.7
5		25	0	21.57	21.96	21.75	22.7
5	256QAM	1	0	19.62	19.97	19.81	20.7
5		1	12	19.53	19.9	19.78	20.7
5		1	24	19.57	19.92	19.67	20.7
5		12	0	19.45	19.85	19.74	20.7
5		12	7	19.66	20	19.82	20.7
5		12	13	19.74	19.99	19.83	20.7
5		25	0	19.54	19.89	19.86	20.7

<LTE Band 5_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.38	21.58	21.41	22.2
10		1	25	21.29	21.51	21.32	22.2
10		1	49	21.3	21.37	21.36	22.2
10		25	0	21.24	21.3	21.23	22.2
10		25	12	21.21	21.37	21.11	22.2
10		25	25	21.19	21.38	21.2	22.2
10		50	0	21.04	21.33	21.07	22.2
10	16QAM	1	0	21.2	21.34	21.34	22.2
10		1	25	21.25	21.24	21.29	22.2
10		1	49	21.16	21.21	21.25	22.2
10		25	0	21.29	21.27	21.31	22.2
10		25	12	21.38	21.22	21.46	22.2
10		25	25	21.43	21.38	21.27	22.2
10		50	0	21.24	21.4	21.36	22.2
10	64QAM	1	0	21.33	21.29	21.38	22.2
10		1	25	21.23	21.3	21.44	22.2
10		1	49	21.27	21.43	21.36	22.2
10		25	0	21.3	21.39	21.37	22.2
10		25	12	21.25	21.31	21.22	22.2
10		25	25	21.27	21.37	21.45	22.2
10		50	0	21.26	21.34	21.33	22.2
10	256QAM	1	0	19.76	19.99	19.93	20.7
10		1	25	19.8	19.98	19.92	20.7
10		1	49	19.85	19.95	19.87	20.7
10		25	0	19.79	20.01	19.92	20.7
10		25	12	19.96	20.1	20.02	20.7
10		25	25	19.84	19.98	19.85	20.7
10		50	0	19.67	19.93	19.68	20.7
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.36	21.53	21.31	22.2
5		1	12	21.44	21.41	21.44	22.2
5		1	24	21.2	21.29	21.32	22.2
5		12	0	21.11	21.44	21.13	22.2
5		12	7	21.14	21.33	21.17	22.2
5		12	13	21.19	21.28	21.2	22.2
5		25	0	20.99	21.25	21.04	22.2
5	16QAM	1	0	21.11	21.2	21.2	22.2
5		1	12	21.21	21.2	21.26	22.2
5		1	24	21.07	21.08	21.17	22.2
5		12	0	21.16	21.13	21.17	22.2
5		12	7	21.31	21.14	21.43	22.2
5		12	13	21.36	21.33	21.13	22.2
5		25	0	21.11	21.38	21.29	22.2
5	64QAM	1	0	21.23	21.2	21.27	22.2
5		1	12	21.1	21.17	21.36	22.2
5		1	24	21.13	21.31	21.33	22.2
5		12	0	21.16	21.32	21.26	22.2
5		12	7	21.16	21.19	21.1	22.2
5		12	13	21.16	21.25	21.4	22.2
5		25	0	21.14	21.32	21.23	22.2
5	256QAM	1	0	19.66	19.92	19.66	20.7
5		1	12	19.79	19.88	19.77	20.7
5		1	24	19.79	19.97	19.74	20.7
5		12	0	19.71	19.98	19.76	20.7
5		12	7	19.83	20.01	19.98	20.7
5		12	13	19.82	19.94	19.9	20.7
5		25	0	19.59	19.8	19.65	20.7
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.33	21.5	21.36	22.2
3		1	8	21.36	21.48	21.43	22.2
3		1	14	21.15	21.3	21.34	22.2
3		8	0	21.22	21.46	21.13	22.2
3		8	4	21.13	21.23	21.21	22.2
3		8	7	21.07	21.32	21.15	22.2
3		15	0	21.03	21.24	20.99	22.2
3	16QAM	1	0	21.08	21.2	21.21	22.2
3		1	8	21.11	21.11	21.28	22.2
3		1	14	21.04	21.17	21.23	22.2
3		8	0	21.22	21.21	21.22	22.2
3		8	4	21.26	21.07	21.37	22.2
3		8	7	21.3	21.28	21.37	22.2
3		15	0	21.14	21.37	21.33	22.2
3	64QAM	1	0	21.22	21.21	21.23	22.2
3		1	8	21.21	21.19	21.42	22.2
3		1	14	21.15	21.3	21.24	22.2
3		8	0	21.15	21.36	21.32	22.2
3		8	4	21.16	21.16	21.16	22.2
3		8	7	21.19	21.31	21.34	22.2
3		15	0	21.17	21.34	21.23	22.2
3	256QAM	1	0	19.7	19.88	19.78	20.7
3		1	8	19.71	19.9	19.87	20.7
3		1	14	19.77	19.89	19.81	20.7
3		8	0	19.71	19.99	19.68	20.7
3		8	4	19.88	20.02	19.99	20.7
3		8	7	19.82	19.95	19.75	20.7
3		15	0	19.58	19.71	19.63	20.7
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.28	21.52	21.4	22.2
1.4		1	3	21.41	21.5	21.48	22.2
1.4		1	5	21.19	21.36	21.36	22.2
1.4		3	0	21.1	21.47	21.15	22.2
1.4		3	1	21.21	21.34	21.25	22.2
1.4		3	3	21.19	21.24	21.22	22.2
1.4		6	0	21	21.23	20.93	22.2
1.4	16QAM	1	0	21.16	21.24	21.32	22.2
1.4		1	3	21.21	21.14	21.22	22.2
1.4		1	5	21.12	21.08	21.2	22.2
1.4		3	0	21.17	21.19	21.2	22.2
1.4		3	1	21.06	21.15	21.27	22.2
1.4		3	3	21.4	21.36	21.25	22.2
1.4		6	0	21.11	21.37	21.22	22.2
1.4	64QAM	1	0	21.26	21.16	21.24	22.2
1.4		1	3	21.16	21.38	21.39	22.2
1.4		1	5	21.18	21.35	21.22	22.2
1.4		3	0	21.15	21.37	21.31	22.2
1.4		3	1	21.14	21.3	21.09	22.2
1.4		3	3	21.21	21.29	21.41	22.2
1.4		6	0	21.23	21.26	21.23	22.2
1.4	256QAM	1	0	19.72	19.9	19.91	20.7
1.4		1	3	19.69	19.92	19.79	20.7
1.4		1	5	19.71	19.93	19.73	20.7
1.4		3	0	19.66	19.99	19.8	20.7
1.4		3	1	19.69	19.97	20	20.7
1.4		3	3	19.77	19.96	19.76	20.7
1.4		6	0	19.58	19.8	19.54	20.7

<LTE Band 12_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				706	707.5	711	
10	QPSK	1	0	22.06	22.11	22.05	22.7
10		1	25	22.01	22.02	22.01	22.7
10		1	49	21.97	22.01	22.03	22.7
10		25	0	21.9	21.97	21.96	22.7
10		25	12	21.85	21.86	21.8	22.7
10		25	25	21.88	21.91	21.81	22.7
10		50	0	21.67	21.84	21.69	22.7
10	16QAM	1	0	21.82	21.86	21.89	22.7
10		1	25	21.82	21.79	21.84	22.7
10		1	49	21.86	21.76	21.84	22.7
10		25	0	21.86	21.9	21.84	22.7
10		25	12	21.88	21.9	22.04	22.7
10		25	25	21.9	21.85	21.91	22.7
10		50	0	21.82	21.88	21.87	22.7
10	64QAM	1	0	21.95	21.93	21.98	22.7
10		1	25	21.86	21.87	22.03	22.7
10		1	49	21.89	22.05	21.89	22.7
10		25	0	21.96	21.95	21.97	22.7
10		25	12	21.85	22.02	21.82	22.7
10		25	25	21.85	21.96	22.1	22.7
10		50	0	21.9	22.05	22.04	22.7
10	256QAM	1	0	19.81	20.02	19.74	20.7
10		1	25	19.87	20.09	19.82	20.7
10		1	49	19.97	20.14	19.88	20.7
10		25	0	19.83	20.04	19.79	20.7
10		25	12	19.91	20.1	19.86	20.7
10		25	25	19.9	20.11	19.91	20.7
10		50	0	19.65	20.08	19.91	20.7
Channel				23030	23095	23110	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	710.5	
5	QPSK	1	0	22.06	22.01	21.96	22.7
5		1	12	22	21.99	21.97	22.7
5		1	24	21.82	21.87	21.98	22.7
5		12	0	21.81	21.9	21.78	22.7
5		12	7	21.76	21.74	21.78	22.7
5		12	13	21.8	21.76	21.68	22.7
5		25	0	21.55	21.72	21.66	22.7
5	16QAM	1	0	21.73	21.75	21.82	22.7
5		1	12	21.69	21.77	21.8	22.7
5		1	24	21.83	21.83	21.76	22.7
5		12	0	21.92	21.87	21.7	22.7
5		12	7	21.79	21.76	21.83	22.7
5		12	13	21.76	21.77	21.87	22.7
5		25	0	21.68	21.86	21.66	22.7
5	64QAM	1	0	21.9	21.91	21.92	22.7
5		1	12	21.79	21.73	22.01	22.7
5		1	24	21.68	21.94	21.89	22.7
5		12	0	21.83	21.81	21.83	22.7
5		12	7	21.7	21.86	21.69	22.7
5		12	13	21.72	21.86	21.66	22.7
5		25	0	21.9	21.93	22.02	22.7
5	256QAM	1	0	19.76	19.93	19.64	20.7
5		1	12	19.76	19.99	19.7	20.7
5		1	24	19.91	20.02	19.85	20.7
5		12	0	19.69	20	19.71	20.7
5		12	7	19.77	19.99	19.74	20.7
5		12	13	19.84	20.06	19.83	20.7
5		25	0	19.62	19.98	19.9	20.7
Channel				23020	23095	23160	Tune-up Limit (dBm)
Frequency (MHz)				700.3	707.5	714.3	
3	QPSK	1	0	22.06	22	21.92	22.7
3		1	8	21.95	21.97	21.95	22.7
3		1	14	21.87	21.96	21.99	22.7
3		8	0	21.9	21.91	21.82	22.7
3		8	4	21.71	21.76	21.69	22.7
3		8	7	21.83	21.83	21.73	22.7
3		15	0	21.59	21.78	21.56	22.7
3	16QAM	1	0	21.75	21.77	21.78	22.7
3		1	8	21.67	21.68	21.75	22.7
3		1	14	21.79	21.81	21.76	22.7
3		8	0	21.82	21.76	21.83	22.7
3		8	4	21.84	21.89	21.96	22.7
3		8	7	21.78	21.77	21.82	22.7
3		15	0	21.78	21.86	21.83	22.7
3	64QAM	1	0	21.83	21.9	21.92	22.7
3		1	8	21.81	21.81	21.96	22.7
3		1	14	21.89	21.9	21.97	22.7
3		8	0	21.84	21.9	21.84	22.7
3		8	4	21.73	21.84	21.77	22.7
3		8	7	21.83	21.84	21.98	22.7
3		15	0	21.84	22	21.98	22.7
3	256QAM	1	0	19.8	19.98	19.71	20.7
3		1	8	19.85	19.97	19.71	20.7
3		1	14	19.95	20.12	19.79	20.7
3		8	0	19.73	20	19.71	20.7
3		8	4	19.9	20.02	19.71	20.7
3		8	7	19.89	19.97	19.83	20.7
3		15	0	19.79	20.01	19.88	20.7
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.03	22.08	21.95	22.7
1.4		1	3	22.05	21.95	21.99	22.7
1.4		1	5	21.88	21.9	21.92	22.7
1.4		3	0	21.85	21.84	21.75	22.7
1.4		3	1	21.83	21.74	21.75	22.7
1.4		3	3	21.77	21.8	21.71	22.7
1.4		6	0	21.54	21.8	21.6	22.7
1.4	16QAM	1	0	21.74	21.77	21.83	22.7
1.4		1	3	21.76	21.67	21.73	22.7
1.4		1	5	21.83	21.71	21.75	22.7
1.4		3	0	21.93	21.83	21.75	22.7
1.4		3	1	21.76	21.81	21.91	22.7
1.4		3	3	21.83	21.74	21.82	22.7
1.4		6	0	21.85	21.88	21.86	22.7
1.4	64QAM	1	0	21.85	21.91	21.94	22.7
1.4		1	3	21.72	21.75	21.98	22.7
1.4		1	5	21.88	22.02	21.95	22.7
1.4		3	0	21.95	21.84	21.89	22.7
1.4		3	1	21.74	21.94	21.75	22.7
1.4		3	3	21.82	21.86	22.07	22.7
1.4		6	0	21.77	22.02	21.95	22.7
1.4	256QAM	1	0	19.69	19.88	19.61	20.7
1.4		1	3	19.83	19.97	19.78	20.7
1.4		1	5	19.95	20.12	19.82	20.7
1.4		3	0	19.77	20.02	19.72	20.7
1.4		3	1	19.83	20	19.78	20.7
1.4		3	3	19.79	20.04	19.77	20.7
1.4		6	0	19.64	19.98	19.67	20.7

<LTE Band 13_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.46		22.2
10		1	25		21.46		22.2
10		1	49		21.38		22.2
10		25	0		21.4		22.2
10		25	12		21.27		22.2
10		25	25		21.19		22.2
10		50	0		21.13		22.2
10	16QAM	1	0		21.13		22.2
10		1	25		21.11		22.2
10		1	49		21.18		22.2
10		25	0		21.23		22.2
10		25	12		21.19		22.2
10		25	25		21.18		22.2
10		50	0		21.36		22.2
10	64QAM	1	0		21.16		22.2
10		1	25		21.28		22.2
10		1	49		21.39		22.2
10		25	0		21.27		22.2
10		25	12		21.31		22.2
10		25	25		21.3		22.2
10		50	0		21.27		22.2
10	256QAM	1	0		20.08		20.7
10		1	25		20.13		20.7
10		1	49		20.04		20.7
10		25	0		20.02		20.7
10		25	12		20.1		20.7
10		25	25		20.08		20.7
10		50	0		20.08		20.7
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.39	21.47	21.32	22.2
5		1	12	21.12	21.35	21.16	22.2
5		1	24	21.34	21.43	21.19	22.2
5		12	0	21.04	21.45	21.26	22.2
5		12	7	21.06	21.2	20.88	22.2
5		12	13	20.94	21.16	20.88	22.2
5		25	0	20.87	21.16	20.94	22.2
5	16QAM	1	0	20.9	21.1	20.92	22.2
5		1	12	20.92	21.05	20.88	22.2
5		1	24	21.09	21.24	21.07	22.2
5		12	0	21.04	21.16	20.88	22.2
5		12	7	21.03	21.2	20.91	22.2
5		12	13	21.03	21.17	20.94	22.2
5		25	0	21.17	21.32	21.07	22.2
5	64QAM	1	0	21.01	21.17	20.97	22.2
5		1	12	21.16	21.32	21.12	22.2
5		1	24	21.18	21.38	21.17	22.2
5		12	0	21.15	21.24	20.97	22.2
5		12	7	21.12	21.31	21.13	22.2
5		12	13	21.25	21.36	21.19	22.2
5		25	0	21.02	21.23	21.02	22.2
5	256QAM	1	0	19.91	20.02	19.8	20.7
5		1	12	19.93	20.13	19.87	20.7
5		1	24	19.9	20.03	19.79	20.7
5		12	0	19.83	19.95	19.88	20.7
5		12	7	19.87	20.08	19.82	20.7
5		12	13	19.91	20.01	19.76	20.7
5		25	0	19.95	20.1	19.9	20.7

<LTE Band 17_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23790	23790	23860	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.90	22.03	21.9	22.7
10		1	25	22	21.95	21.92	22.7
10		1	49	21.91	21.94	21.95	22.7
10		25	0	21.75	21.93	21.94	22.7
10		25	12	21.71	21.83	21.79	22.7
10		25	25	21.62	21.78	21.76	22.7
10		50	0	21.57	21.76	21.64	22.7
10	16QAM	1	0	21.72	21.75	21.63	22.7
10		1	25	21.66	21.77	21.72	22.7
10		1	49	21.74	21.69	21.67	22.7
10		25	0	21.65	21.73	21.72	22.7
10		25	12	21.64	21.73	21.66	22.7
10		25	25	21.64	21.75	21.66	22.7
10		50	0	21.75	21.85	21.9	22.7
10	64QAM	1	0	21.78	21.8	21.64	22.7
10		1	25	21.81	21.77	22	22.7
10		1	49	21.65	21.97	21.68	22.7
10		25	0	21.64	21.69	21.81	22.7
10		25	12	21.74	21.67	21.77	22.7
10		25	25	21.78	21.84	22.05	22.7
10		50	0	21.78	21.88	21.66	22.7
10	256QAM	1	0	19.93	20.09	19.95	20.7
10		1	25	20.06	20.24	20.06	20.7
10		1	49	19.76	20.07	19.88	20.7
10		25	0	19.76	20.02	19.8	20.7
10		25	12	19.63	20.01	19.76	20.7
10		25	25	19.81	19.99	19.84	20.7
10		50	0	19.69	19.98	19.81	20.7
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.79	22.01	21.8	22.7
5		1	12	21.98	21.85	21.8	22.7
5		1	24	21.82	21.82	21.82	22.7
5		12	0	21.66	21.87	21.76	22.7
5		12	7	21.7	21.82	21.64	22.7
5		12	13	21.68	21.67	21.62	22.7
5		25	0	21.51	21.72	21.48	22.7
5		1	0	21.63	21.72	21.8	22.7
5	16QAM	1	12	21.6	21.62	21.6	22.7
5		1	24	21.6	21.53	21.57	22.7
5		12	0	21.78	21.58	21.58	22.7
5		12	7	21.78	21.69	21.91	22.7
5		12	13	21.73	21.7	21.62	22.7
5		25	0	21.68	21.75	21.67	22.7
5	64QAM	1	0	21.68	21.75	21.79	22.7
5		1	12	21.71	21.63	21.58	22.7
5		1	24	21.75	21.65	21.77	22.7
5		12	0	21.64	21.74	21.74	22.7
5		12	7	21.72	21.61	21.63	22.7
5		12	13	21.69	21.77	21.56	22.7
5		25	0	21.68	21.63	21.63	22.7
5	256QAM	1	0	19.73	19.94	19.65	20.7
5		1	12	20.01	20.19	20.03	20.7
5		1	24	19.67	20	19.77	20.7
5		12	0	19.65	19.99	19.72	20.7
5		12	7	19.73	19.94	19.67	20.7
5		12	13	19.76	19.98	19.71	20.7
5		25	0	19.66	19.99	19.74	20.7

<LTE Band 26_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	21.62	22.01	21.67	22.7
15		1	37	21.76	21.9	21.78	22.7
15		1	74	21.61	21.9	21.72	22.7
15		36	0	21.72	21.83	21.67	22.7
15		36	20	21.7	21.81	21.79	22.7
15		36	39	21.61	21.8	21.61	22.7
15		75	0	21.61	21.64	21.65	22.7
15	16QAM	1	0	21.61	21.64	21.7	22.7
15		1	37	21.66	21.65	21.67	22.7
15		1	74	21.57	21.6	21.76	22.7
15		36	0	21.79	21.62	21.67	22.7
15		36	20	21.8	21.78	21.79	22.7
15		36	39	21.77	21.71	21.71	22.7
15		75	0	21.69	21.82	21.73	22.7
15	64QAM	1	0	21.74	21.72	21.66	22.7
15		1	37	21.66	21.78	21.77	22.7
15		1	74	21.63	21.81	21.65	22.7
15		36	0	21.8	21.81	21.69	22.7
15		36	20	21.7	21.71	21.76	22.7
15		36	39	21.65	21.84	21.81	22.7
15		75	0	21.79	21.76	21.9	22.7
15	256QAM	1	0	20.08	20.06	20.03	20.7
15		1	37	19.92	20.03	19.92	20.7
15		1	74	19.91	20.01	19.9	20.7
15		36	0	19.93	20.01	19.9	20.7
15		36	20	19.91	19.9	19.91	20.7
15		36	39	19.86	19.95	19.92	20.7
15		75	0	19.78	19.9	19.93	20.7
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	21.8	21.95	21.73	22.7
10		1	25	21.76	21.83	21.74	22.7
10		1	49	21.75	21.85	21.62	22.7
10		25	0	21.71	21.68	21.78	22.7
10		25	12	21.67	21.74	21.65	22.7
10		25	25	21.56	21.7	21.58	22.7
10		50	0	21.58	21.6	21.4	22.7
10	16QAM	1	0	21.48	21.61	21.65	22.7
10		1	25	21.51	21.51	21.59	22.7
10		1	49	21.5	21.56	21.66	22.7
10		25	0	21.7	21.54	21.63	22.7
10		25	12	21.67	21.74	21.74	22.7
10		25	25	21.64	21.6	21.63	22.7
10		50	0	21.55	21.7	21.59	22.7
10	64QAM	1	0	21.7	21.66	21.71	22.7
10		1	25	21.62	21.63	21.64	22.7
10		1	49	21.69	21.61	21.79	22.7
10		25	0	21.7	21.71	21.64	22.7
10		25	12	21.56	21.71	21.76	22.7
10		25	25	21.68	21.69	21.64	22.7
10	256QAM	1	0	19.66	20.01	20.16	20.7
10		1	25	19.83	19.95	19.87	20.7
10		1	49	19.87	19.94	19.8	20.7
10		25	0	19.7	19.87	19.85	20.7
10		25	12	19.74	19.67	19.69	20.7
10		25	25	19.77	19.67	19.72	20.7
10		50	0	19.68	19.79	19.76	20.7
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
8	QPSK	1	0	21.77	21.96	21.69	22.7
8		1	12	21.77	21.81	21.66	22.7
8		1	24	21.78	21.68	21.71	22.7
8		12	0	21.65	21.68	21.76	22.7
8		12	7	21.62	21.77	21.72	22.7
8		12	13	21.46	21.76	21.53	22.7
8		25	0	21.53	21.56	21.42	22.7
8	16QAM	1	0	21.56	21.54	21.63	22.7
8		1	12	21.54	21.57	21.62	22.7
8		1	24	21.49	21.52	21.67	22.7
8		12	0	21.66	21.58	21.58	22.7
8		12	7	21.77	21.76	21.7	22.7
8		12	13	21.66	21.62	21.68	22.7
8		25	0	21.63	21.69	21.71	22.7
8	64QAM	1	0	21.68	21.61	21.72	22.7
8		1	12	21.62	21.68	21.65	22.7
8		1	24	21.79	21.8	21.76	22.7
8		12	0	21.71	21.7	21.62	22.7
8		12	7	21.66	21.68	21.71	22.7
8		12	13	21.53	21.76	21.7	22.7
8		25	0	21.7	21.63	21.63	22.7
8	256QAM	1	0	20	20.22	20.15	20.7
8		1	12	19.78	20.01	19.79	20.7
8		1	24	19.69	19.89	19.92	20.7
8		12	0	19.71	19.82	19.82	20.7
8		12	7	19.67	19.76	19.72	20.7
8		12	13	19.63	19.8	19.79	20.7
8		25	0	19.76	19.82	19.72	20.7
Channel				26755	26865	27035	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	21.73	21.88	21.75	22.7
3		1	8	21.81	21.86	21.64	22.7
3		1	14	21.75	21.77	21.7	22.7
3		8	0	21.66	21.71	21.72	22.7
3		8	4	21.67	21.78	21.62	22.7
3		8	7	21.48	21.74	21.57	22.7
3		15	0	21.49	21.53	21.49	22.7
3	16QAM	1	0	21.53	21.58	21.64	22.7
3		1	8	21.53	21.63	21.62	22.7
3		1	14	21.58	21.5	21.66	22.7
3		8	0	21.7	21.55	21.6	22.7
3		8	4	21.73	21.75	21.67	22.7
3		8	7	21.73	21.56	21.64	22.7
3		15	0	21.6	21.7	21.7	22.7
3	64QAM	1	0	21.67	21.58	21.74	22.7
3		1	8	21.53	21.71	21.64	22.7
3		1	14	21.72	21.66	21.71	22.7
3		8	0	21.79	21.77	21.6	22.7
3		8	4	21.61	21.74	21.66	22.7
3		8	7	21.62	21.75	21.69	22.7
3		15	0	21.77	21.76	21.68	22.7
3	256QAM	1	0	19.96	20.14	20.21	20.7
3		1	8	19.83	19.96	19.89	20.7
3		1	14	19.86	19.97	19.93	20.7
3		8	0	19.69	19.9	19.92	20.7
3		8	4	19.73	19.82	19.74	20.7
3		8	7	19.8	19.9	19.7	20.7
3		15	0	19.74	19.84	19.76	20.7
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	21.7	22	21.85	22.7
1.4		1	3	21.75	21.75	21.65	22.7
1.4		1	5	21.73	21.8	21.65	22.7
1.4		3	0	21.68	21.68	21.74	22.7
1.4		3	1	21.65	21.72	21.6	22.7
1.4		3	3	21.47	21.74	21.49	22.7
1.4		6	0	21.48	21.53	21.53	22.7
1.4	16QAM	1	0	21.53	21.62	21.6	22.7
1.4		1	3	21.52	21.64	21.63	22.7
1.4		1	5	21.56	21.54	21.47	22.7
1.4		3	0	21.66	21.57	21.53	22.7
1.4		3	1	21.7	21.65	21.73	22.7
1.4		3	3	21.76	21.62	21.64	22.7
1.4		6	0	21.56	21.72	21.6	22.7
1.4	64QAM	1	0	21.63	21.6	21.64	22.7
1.4		1	3	21.62	21.73	21.74	22.7
1.4		1	5	21.7	21.61	21.73	22.7
1.4		3	0	21.68	21.74	21.63	22.7
1.4		3	1	21.56	21.76	21.71	22.7
1.4		3	3	21.55	21.63	21.8	22.7
1.4		6	0	21.69	21.77	21.67	22.7
1.4	256QAM	1	0	20.01	20.19	20.22	20.7
1.4		1	3	19.89	19.99	19.81	20.7
1.4		1	5	19.86	19.9	19.89	20.7
1.4		3	0	19.71	19.96	19.85	20.7
1.4		3	1	19.79	19.83	19.74	20.7
1.4		3	3	19.72	19.91	19.73	20.7
1.4		6	0	19.64	19.81	19.76	20.7

<LTE Band 71_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133422	133297	133172	
Frequency (MHz)				673	660.5	648	
20	QPSK	1	0	24.1	24.16	24.11	24.7
20		1	49	24.01	23.99	23.88	24.7
20		1	99	24.08	24.12	23.93	24.7
20		50	0	24.25	24.3	24.16	24.7
20		50	24	24.15	24.29	24.13	24.7
20		50	50	24.16	24.24	24.12	24.7
20		100	0	24.15	24.32	24.22	24.7
20	16QAM	1	0	24.32	24.4	24.34	24.7
20		1	49	24.27	24.43	24.41	24.7
20		1	99	24.36	24.42	24.3	24.7
20		50	0	23.3	23.36	23.31	23.7
20		50	24	23.29	23.42	23.35	23.7
20		50	50	23.11	23.26	23.21	23.7
20		100	0	23.17	23.34	23.22	23.7
20	64QAM	1	0	23.15	23.31	23.25	23.7
20		1	49	23.24	23.36	23.27	23.7
20		1	99	23.42	23.54	23.52	23.7
20		50	0	22.31	22.36	22.28	22.7
20		50	24	22.17	22.33	22.22	22.7
20		50	50	22.13	22.29	22.17	22.7
20		100	0	22.22	22.29	22.19	22.7
20	256QAM	1	0	20.46	20.63	20.46	20.7
20		1	49	20.52	20.57	20.51	20.7
20		1	99	20.43	20.6	20.45	20.7
20		50	0	20.01	20.09	20.07	20.7
20		50	24	20.45	20.55	20.47	20.7
20		50	50	20.4	20.56	20.47	20.7
20		100	0	20.01	20.07	20.44	20.7
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.98	24.09	23.97	24.7
15		1	37	23.91	23.93	23.86	24.7
15		1	74	24.04	24.09	23.83	24.7
15		36	0	24.16	24.28	24.16	24.7
15		36	20	24.08	24.15	24.1	24.7
15		36	39	24.07	24.22	24.02	24.7
15		75	0	24.02	24.19	24.09	24.7
15	16QAM	1	0	24.3	24.35	24.26	24.7
15		1	37	24.23	24.41	24.36	24.7
15		1	74	24.36	24.33	24.17	24.7
15		36	0	23.16	23.34	23.24	23.7
15		36	20	23.23	23.38	23.27	23.7
15		36	39	23.02	23.17	23.07	23.7
15		75	0	23.08	23.28	23.09	23.7
15	64QAM	1	0	23.09	23.2	23.16	23.7
15		1	37	23.09	23.26	23.2	23.7
15		1	74	23.28	23.49	23.39	23.7
15		36	0	22.27	22.33	22.23	22.7
15		36	20	22.1	22.26	22.16	22.7
15		36	39	22.11	22.2	22.1	22.7
15		75	0	22.17	22.26	22.15	22.7
15	256QAM	1	0	20.42	20.52	20.46	20.7
15		1	37	20.48	20.44	20.47	20.7
15		1	74	20.37	20.54	20.4	20.7
15		36	0	20.42	20.5	20.45	20.7
15		36	20	20.33	20.44	20.44	20.7
15		36	39	20.36	20.42	20.36	20.7
15		75	0	20.42	20.44	20.33	20.7
Channel				133173	133297	133423	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.09	24.12	24.04	24.7
10		1	25	23.97	23.85	23.84	24.7
10		1	49	24	24.09	23.84	24.7
10		25	0	24.17	24.24	24.13	24.7
10		25	12	24.08	24.19	24.18	24.7
10		25	25	24.02	24.14	24.01	24.7
10		50	0	24.13	24.3	24.12	24.7
10	16QAM	1	0	24.2	24.36	24.3	24.7
10		1	25	24.2	24.41	24.27	24.7
10		1	49	24.33	24.32	24.19	24.7
10		25	0	23.36	23.33	23.23	23.7
10		25	12	23.24	23.3	23.31	23.7
10		25	25	23.06	23.21	23.19	23.7
10		50	0	23.06	23.27	23.19	23.7
10	64QAM	1	0	23.02	23.16	23.17	23.7
10		1	25	23.08	23.32	23.15	23.7
10		1	49	23.3	23.45	23.39	23.7
10		25	0	22.29	22.21	22.16	22.7
10		25	12	22.07	22.26	22.1	22.7
10		25	25	22	22.25	22.06	22.7
10		50	0	22.13	22.25	22.08	22.7
10	256QAM	1	0	20.4	20.56	20.34	20.7
10		1	25	20.39	20.51	20.47	20.7
10		1	49	20.33	20.55	20.33	20.7
10		25	0	20.46	20.57	20.39	20.7
10		25	12	20.36	20.45	20.44	20.7
10		25	25	20.28	20.42	20.46	20.7
10		50	0	20.3	20.52	20.34	20.7
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.03	24.16	24	24.7
5		1	12	24	23.97	23.75	24.7
5		1	24	24	24.03	23.84	24.7
5		12	0	24.16	24.19	24.11	24.7
5		12	7	24.06	24.16	24.21	24.7
5		12	13	24.03	24.12	24.03	24.7
5		25	0	24.09	24.18	24.1	24.7
5	16QAM	1	0	24.29	24.3	24.22	24.7
5		1	12	24.16	24.36	24.33	24.7
5		1	24	24.32	24.42	24.26	24.7
5		12	0	23.19	23.34	23.25	23.7
5		12	7	23.22	23.38	23.24	23.7
5		12	13	22.98	23.25	23.11	23.7
5		25	0	23.05	23.21	23.2	23.7
5	64QAM	1	0	23.03	23.17	23.17	23.7
5		1	12	23.1	23.32	23.17	23.7
5		1	24	23.37	23.47	23.41	23.7
5		12	0	22.3	22.26	22.26	22.7
5		12	7	22.09	22.27	22.12	22.7
5		12	13	22.08	22.25	22.06	22.7
5		25	0	22.18	22.17	22.09	22.7
5	256QAM	1	0	20.39	20.59	20.34	20.7
5		1	12	20.46	20.54	20.42	20.7
5		1	24	20.36	20.57	20.43	20.7
5		12	0	20.41	20.58	20.33	20.7
5		12	7	20.43	20.53	20.43	20.7
5		12	13	20.28	20.46	20.41	20.7
5		25	0	20.39	20.54	20.38	20.7

<LTE Band 2_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.51	18.49	18.49	19.2
20		1	49	18.52	18.55	18.54	19.2
20		1	99	18.47	18.46	18.54	19.2
20		50	0	18.41	18.39	18.39	19.2
20		50	24	18.49	18.43	18.32	19.2
20		50	50	18.42	18.37	18.38	19.2
20		100	0	18.27	18.41	17.96	19.2
20	16QAM	1	0	18.39	18.43	18.48	19.2
20		1	49	18.43	18.35	18.45	19.2
20		1	99	18.39	18.33	18.43	19.2
20		50	0	18.51	18.46	18.37	19.2
20		50	24	18.42	18.36	18.46	19.2
20		50	50	18.35	18.39	18.41	19.2
20		100	0	18.31	18.39	18.33	19.2
20	64QAM	1	0	18.4	18.48	18.58	19.2
20		1	49	18.35	18.46	18.58	19.2
20		1	99	18.48	18.53	18.42	19.2
20		50	0	18.48	18.52	18.44	19.2
20		50	24	18.44	18.33	18.39	19.2
20		50	50	18.4	18.6	18.64	19.2
20		100	0	18.44	18.54	18.45	19.2
20	256QAM	1	0	18.46	18.4	18.43	19.2
20		1	49	18.38	18.64	18.41	19.2
20		1	99	18.58	18.53	18.5	19.2
20		50	0	18.39	18.47	18.54	19.2
20		50	24	18.41	18.43	18.53	19.2
20		50	50	18.48	18.42	18.5	19.2
20		100	0	18.44	18.46	18.33	19.2
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.44	18.39	18.37	19.2
15		1	37	18.37	18.52	18.5	19.2
15		1	74	18.42	18.39	18.51	19.2
15		36	0	18.3	18.34	18.27	19.2
15		36	20	18.42	18.4	18.23	19.2
15		36	39	18.35	18.35	18.28	19.2
15		75	0	18.12	18.34	18.21	19.2
15	16QAM	1	0	18.14	18.33	18.44	19.2
15		1	37	18.34	18.28	18.34	19.2
15		1	74	18.39	18.32	18.28	19.2
15		36	0	18.39	18.31	18.27	19.2
15		36	20	18.37	18.24	18.32	19.2
15		36	39	18.47	18.37	18.3	19.2
15		75	0	18.18	18.45	18.4	19.2
15	64QAM	1	0	18.39	18.43	18.47	19.2
15		1	37	18.21	18.4	18.48	19.2
15		1	74	18.39	18.38	18.38	19.2
15		36	0	18.45	18.45	18.32	19.2
15		36	20	18.3	18.43	18.21	19.2
15		36	39	18.35	18.47	18.58	19.2
15		75	0	18.31	18.52	18.4	19.2
15	256QAM	1	0	18.35	18.46	18.35	19.2
15		1	37	18.2	18.52	18.33	19.2
15		1	74	18.43	18.45	18.47	19.2
15		36	0	18.32	18.45	18.47	19.2
15		36	20	18.29	18.35	18.44	19.2
15		36	39	18.35	18.39	18.48	19.2
15		75	0	18.39	18.36	18.45	19.2
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1850	1880	1910	
10	QPSK	1	0	18.37	18.4	18.43	19.2
10		1	25	18.44	18.6	18.39	19.2
10		1	49	18.32	18.33	18.43	19.2
10		25	0	18.36	18.46	18.38	19.2
10		25	12	18.46	18.36	18.22	19.2
10		25	25	18.32	18.28	18.26	19.2
10		50	0	18.25	18.28	18.11	19.2
10	16QAM	1	0	18.16	18.34	18.32	19.2
10		1	25	18.37	18.31	18.32	19.2
10		1	49	18.31	18.28	18.41	19.2
10		25	0	18.46	18.34	18.3	19.2
10		25	12	18.3	18.33	18.32	19.2
10		25	25	18.43	18.31	18.38	19.2
10		50	0	18.25	18.31	18.46	19.2
10	64QAM	1	0	18.32	18.43	18.31	19.2
10		1	25	18.3	18.41	18.48	19.2
10		1	49	18.43	18.46	18.4	19.2
10		25	0	18.36	18.42	18.37	19.2
10		25	12	18.29	18.39	18.24	19.2
10		25	25	18.26	18.49	18.62	19.2
10		50	0	18.33	18.43	18.33	19.2
10	256QAM	1	0	18.45	18.34	18.32	19.2
10		1	25	18.22	18.62	18.27	19.2
10		1	49	18.43	18.3	18.39	19.2
10		25	0	18.29	18.33	18.4	19.2
10		25	12	18.4	18.37	18.5	19.2
10		25	25	18.33	18.29	18.46	19.2
10		50	0	18.42	18.34	18.51	19.2
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.44	18.64	18.45	19.2
5		1	12	18.45	18.55	18.47	19.2
5		1	24	18.39	18.42	18.48	19.2
5		12	0	18.37	18.46	18.24	19.2
5		12	7	18.39	18.4	18.22	19.2
5		12	13	18.32	18.34	18.33	19.2
5		25	0	18.2	18.3	18.19	19.2
5	16QAM	1	0	18.22	18.31	18.33	19.2
5		1	12	18.35	18.23	18.33	19.2
5		1	24	18.35	18.25	18.38	19.2
5		12	0	18.47	18.35	18.33	19.2
5		12	7	18.34	18.22	18.43	19.2
5		12	13	18.51	18.27	18.27	19.2
5		25	0	18.17	18.53	18.52	19.2
5	64QAM	1	0	18.31	18.33	18.54	19.2
5		1	12	18.25	18.34	18.44	19.2
5		1	24	18.4	18.44	18.41	19.2
5		12	0	18.41	18.38	18.38	19.2
5		12	7	18.35	18.49	18.3	19.2
5		12	13	18.36	18.55	18.61	19.2
5		25	0	18.3	18.48	18.33	19.2
5	256QAM	1	0	18.38	18.47	18.35	19.2
5		1	12	18.22	18.61	18.27	19.2
5		1	24	18.49	18.38	18.32	19.2
5		12	0	18.35	18.35	18.41	19.2
5		12	7	18.29	18.31	18.42	19.2
5		12	13	18.41	18.37	18.37	19.2
5		25	0	18.35	18.41	18.49	19.2
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.42	18.58	18.46	19.2
3		1	8	18.45	18.62	18.47	19.2
3		1	14	18.41	18.34	18.47	19.2
3		8	0	18.27	18.49	18.35	19.2
3		8	4	18.4	18.29	18.22	19.2
3		8	7	18.39	18.32	18.27	19.2
3		15	0	18.16	18.39	18.16	19.2
3	16QAM	1	0	18.25	18.38	18.38	19.2
3		1	8	18.36	18.22	18.43	19.2
3		1	14	18.22	18.25	18.38	19.2
3		8	0	18.39	18.4	18.24	19.2
3		8	4	18.36	18.24	18.4	19.2
3		8	7	18.01	18.25	18.33	19.2
3		15	0	18.23	18.43	18.43	19.2
3	64QAM	1	0	18.35	18.38	18.48	19.2
3		1	8	18.23	18.43	18.54	19.2
3		1	14	18.37	18.47	18.34	19.2
3		8	0	18.43	18.3	18.3	19.2
3		8	4	18.31	18.49	18.26	19.2
3		8	7	18.37	18.49	18.61	19.2
3		15	0	18.3	18.5	18.4	19.2
3	256QAM	1	0	18.38	18.46	18.38	19.2
3		1	8	18.25	18.62	18.38	19.2
3		1	14	18.52	18.42	18.39	19.2
3		8	0	18.34	18.36	18.48	19.2
3		8	4	18.33	18.31	18.46	19.2
3		8	7	18.37	18.37	18.39	19.2
3		15	0	18.41	18.4	18.51	19.2
Channel				18602	18900	19198	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.43	18.6	18.46	19.2
1.4		1	3	18.49	18.63	18.49	19.2
1.4		1	5	18.39	18.47	18.48	19.2
1.4		3	0	18.29	18.58	18.31	19.2
1.4		3	1	18.38	18.37	18.26	19.2
1.4		3	3	18.39	18.3	18.32	19.2
1.4		6	0	18.19	18.38	18.13	19.2
1.4	16QAM	1	0	18.13	18.35	18.35	19.2
1.4		1	3	18.3	18.39	18.4	19.2
1.4		1	5	18.33	18.27	18.31	19.2
1.4		3	0	18.41	18.34	18.3	19.2
1.4		3	1	18.39	18.23	18.41	19.2
1.4		3	3	18.43	18.25	18.4	19.2
1.4		6	0	18.3	18.42	18.5	19.2
1.4	64QAM	1	0	18.39	18.49	18.46	19.2
1.4		1	3	18.22	18.38	18.58	19.2
1.4		1	5	18.34	18.4	18.39	19.2
1.4		3	0	18.4	18.3	18.3	19.2
1.4		3	1	18.3	18.45	18.33	19.2
1.4		3	3	18.38	18.3	18.6	19.2
1.4		6	0	18.37	18.49	18.33	19.2
1.4	256QAM	1	0	18.4	18.5	18.33	19.2
1.4		1	3	18.27	18.33	18.28	19.2
1.4		1	5	18.47	18.43	18.35	19.2
1.4		3	0	18.27	18.38	18.39	19.2
1.4		3	1	18.28	18.33	18.41	19.2
1.4		3	3	18.46	18.35	18.37	19.2
1.4		6	0	18.41	18.33	18.43	19.2

<LTE Band 4_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				19957	20175	20393	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.17	18.23	18.2	18.7
20		1	49	18.2	18.16	18.22	18.7
20		1	99	18.1	18.17	18.03	18.7
20		50	0	17.98	18.16	18.09	18.7
20		50	24	18.05	18.01	17.95	18.7
20		50	50	18.02	18.06	17.99	18.7
20		100	0	17.91	17.96	17.91	18.7
20	16QAM	1	0	17.97	17.98	18	18.7
20		1	49	17.98	17.96	17.95	18.7
20		1	99	17.94	17.92	17.93	18.7
20		50	0	18.09	18.09	17.99	18.7
20		50	24	18.1	18.02	18.06	18.7
20		50	50	18.18	18.1	18.01	18.7
20		100	0	18.02	18.16	18.02	18.7
20	64QAM	1	0	18.05	18.1	18.15	18.7
20		1	49	17.95	17.96	18.03	18.7
20		1	99	18.01	18.16	18.05	18.7
20		50	0	18.13	18.13	18.07	18.7
20		50	24	17.97	18.01	18.08	18.7
20		50	50	18.06	18.08	18.16	18.7
20		100	0	18	18.16	18.13	18.7
20	256QAM	1	0	18.01	18.1	18.09	18.7
20		1	49	17.98	18.17	17.99	18.7
20		1	99	18.11	18.11	18.09	18.7
20		50	0	18.1	18.17	18.11	18.7
20		50	24	18.04	18.05	18.05	18.7
20		50	50	18.05	18.07	18.16	18.7
20		100	0	18.07	18.11	18.04	18.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.08	18.16	18.14	18.7
15		1	37	18.11	18.13	18.16	18.7
15		1	74	18.09	18.13	17.99	18.7
15		36	0	17.92	18.08	18.06	18.7
15		36	20	17.91	17.87	17.9	18.7
15		36	39	17.94	17.94	17.95	18.7
15		75	0	17.79	17.88	17.99	18.7
15	16QAM	1	0	17.85	17.9	17.97	18.7
15		1	37	17.93	17.83	17.9	18.7
15		1	74	17.97	17.84	17.9	18.7
15		36	0	18.03	18.03	17.88	18.7
15		36	20	18.02	17.94	18	18.7
15		36	39	18.09	17.97	17.99	18.7
15		75	0	17.97	18.14	17.99	18.7
15	64QAM	1	0	17.98	18	18.06	18.7
15		1	37	17.96	17.91	17.99	18.7
15		1	74	17.89	18.07	18	18.7
15		36	0	18.03	18.09	17.93	18.7
15		36	20	17.93	17.99	18.03	18.7
15		36	39	17.95	18	18.05	18.7
15		75	0	17.96	18.07	18.05	18.7
15	256QAM	1	0	17.99	18.02	17.99	18.7
15		1	37	17.91	18.15	17.84	18.7
15		1	74	17.99	18.06	18.08	18.7
15		36	0	18.09	18.1	18.03	18.7
15		36	20	17.93	17.96	18.01	18.7
15		36	39	17.95	17.97	18.03	18.7
15		75	0	17.95	18.03	17.93	18.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.08	18.19	18.08	18.7
10		1	25	18.05	18.03	18.17	18.7
10		1	49	18.07	18.13	17.99	18.7
10		25	0	17.93	18.11	18.05	18.7
10		25	12	18.01	17.87	17.92	18.7
10		25	25	17.9	18.04	17.97	18.7
10		50	0	17.8	17.95	17.97	18.7
10	16QAM	1	0	17.77	17.93	17.9	18.7
10		1	25	17.87	17.82	17.89	18.7
10		1	49	17.95	17.78	17.91	18.7
10		25	0	18.03	17.96	17.94	18.7
10		25	12	18.04	17.94	17.96	18.7
10		25	25	18.13	18.07	17.95	18.7
10		50	0	17.92	18.04	17.9	18.7
10	64QAM	1	0	17.99	18.01	18.01	18.7
10		1	25	17.98	17.86	17.91	18.7
10		1	49	17.86	18.1	17.92	18.7
10		25	0	18.07	18.01	18.02	18.7
10		25	12	17.96	17.91	17.99	18.7
10		25	25	18.05	17.96	18.06	18.7
10		50	0	17.96	18.1	18.09	18.7
10	256QAM	1	0	17.91	17.95	18.02	18.7
10		1	25	17.96	18.15	17.96	18.7
10		1	49	18	18.04	18.01	18.7
10		25	0	18.07	18.06	18.02	18.7
10		25	12	17.91	18.01	18	18.7
10		25	25	17.9	18.06	18.05	18.7
10		50	0	17.99	18.1	17.97	18.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.14	18.17	18.08	18.7
5		1	12	18.19	18.1	18.08	18.7
5		1	24	18.03	18.04	17.96	18.7
5		12	0	17.87	18.08	17.97	18.7
5		12	7	18.02	17.94	17.91	18.7
5		12	13	17.99	17.95	17.97	18.7
5		25	0	17.89	17.93	17.98	18.7
5	16QAM	1	0	17.74	17.94	17.98	18.7
5		1	12	17.96	17.91	17.99	18.7
5		1	24	17.91	17.77	17.91	18.7
5		12	0	18.04	18.01	17.99	18.7
5		12	7	18.05	18	17.93	18.7
5		12	13	18.16	18.02	17.99	18.7
5		25	0	17.99	18.08	17.99	18.7
5	64QAM	1	0	17.99	18.09	18.05	18.7
5		1	12	17.89	17.87	17.93	18.7
5		1	24	17.96	18.04	17.97	18.7
5		12	0	18.03	18.05	17.96	18.7
5		12	7	17.83	17.93	17.95	18.7
5		12	13	17.95	18.02	18.15	18.7
5		25	0	17.97	18.11	17.99	18.7
5	256QAM	1	0	17.89	18.07	17.97	18.7
5		1	12	17.88	18.16	17.86	18.7
5		1	24	18.01	18.06	17.97	18.7
5		12	0	18.02	18.13	18.01	18.7
5		12	7	17.98	17.97	17.97	18.7
5		12	13	17.93	17.99	18.12	18.7
5		25	0	17.96	18.07	17.98	18.7
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.1	18.19	18.09	18.7
3		1	8	18.05	18.12	18.16	18.7
3		1	14	18.03	18.08	17.92	18.7
3		8	0	17.82	18.14	17.99	18.7
3		8	4	17.91	17.92	17.98	18.7
3		8	7	17.94	17.97	17.95	18.7
3		15	0	17.8	17.96	17.76	18.7
3	16QAM	1	0	17.91	17.93	17.98	18.7
3		1	8	17.93	17.91	17.97	18.7
3		1	14	17.92	17.9	17.95	18.7
3		8	0	17.95	18.06	17.97	18.7
3		8	4	17.97	17.92	18	18.7
3		8	7	18.09	18.03	17.9	18.7
3		15	0	17.92	18.14	17.98	18.7
3	64QAM	1	0	17.92	18.02	18.06	18.7
3		1	8	17.84	17.94	17.9	18.7
3		1	14	17.94	18.06	17.92	18.7
3		8	0	17.99	18.07	17.97	18.7
3		8	4	17.87	17.96	18	18.7
3		8	7	18.04	18.07	18.12	18.7
3		15	0	17.9	18.09	17.99	18.7
3	256QAM	1	0	17.88	17.95	18.04	18.7
3		1	8	17.97	18.03	17.86	18.7
3		1	14	18	17.99	18.01	18.7
3		8	0	18.08	18.08	18.05	18.7
3		8	4	17.96	17.96	18.02	18.7
3		8	7	18.01	17.97	18.03	18.7
3		15	0	18.05	17.96	17.91	18.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.14	18.12	18.13	18.7
1.4		1	3	18.13	18.08	18.16	18.7
1.4		1	5	18.02	18.05	17.92	18.7
1.4		3	0	17.84	18.09	18.08	18.7
1.4		3	1	17.96	17.89	17.91	18.7
1.4		3	3	17.94	17.95	17.92	18.7
1.4		6	0	17.75	17.83	17.7	18.7
1.4	16QAM	1	0	17.83	17.87	17.92	18.7
1.4		1	3	17.91	17.83	17.93	18.7
1.4		1	5	17.86	17.76	17.9	18.7
1.4		3	0	18.06	17.96	17.94	18.7
1.4		3	1	18.09	17.97	18	18.7
1.4		3	3	18.16	18.02	17.97	18.7
1.4		6	0	17.93	18.06	17.97	18.7
1.4	64QAM	1	0	18.02	18.07	18.05	18.7
1.4		1	3	17.91	17.82	17.94	18.7
1.4		1	5	18	18.04	17.94	18.7
1.4		3	0	18.04	18	18.01	18.7
1.4		3	1	17.84	17.89	18.02	18.7
1.4		3	3	18.04	17.97	18.13	18.7
1.4		6	0	17.93	18.07	18.03	18.7
1.4	256QAM	1	0	17.95	18	18	18.7
1.4		1	3	17.95	18.09	17.97	18.7
1.4		1	5	17.96	18.09	17.95	18.7
1.4		3	0	18.01	18.13	18.01	18.7
1.4		3	1	17.94	18.02	18	18.7
1.4		3	3	17.95	17.94	18.07	18.7
1.4		6	0	17.98	18.09	17.97	18.7

<LTE Band 7_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.94	17.02	16.87	17.2
20		1	49	16.99	16.89	16.91	17.2
20		1	99	16.8	16.98	16.76	17.2
20		50	0	16.76	16.97	16.75	17.2
20		50	24	16.71	16.8	16.7	17.2
20		50	50	16.68	16.82	16.71	17.2
20		100	0	16.6	16.71	16.53	17.2
20	16QAM	1	0	16.94	16.75	16.92	17.2
20		1	49	16.69	16.69	16.84	17.2
20		1	99	16.66	16.66	16.75	17.2
20		50	0	16.81	16.8	16.8	17.2
20		50	24	16.85	16.79	16.85	17.2
20		50	50	16.86	16.72	16.81	17.2
20		100	0	16.74	16.89	16.82	17.2
20	64QAM	1	0	16.78	16.85	16.8	17.2
20		1	49	16.82	16.79	16.89	17.2
20		1	99	16.89	16.99	16.87	17.2
20		50	0	16.8	16.83	16.75	17.2
20		50	24	16.76	16.89	16.76	17.2
20		50	50	16.75	16.92	16.89	17.2
20		100	0	16.8	16.92	16.91	17.2
20	256QAM	1	0	16.83	16.82	16.82	17.2
20		1	49	16.68	17.05	16.85	17.2
20		1	99	16.91	16.83	16.79	17.2
20		50	0	16.83	16.68	16.76	17.2
20		50	24	16.71	16.87	16.91	17.2
20		50	50	16.73	16.85	16.86	17.2
20		100	0	16.67	16.82	16.82	17.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.82	16.87	16.79	17.2
15		1	37	16.84	16.82	16.94	17.2
15		1	74

<LTE Band 25_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26540	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.65	18.65	18.65	19.2
20		1	49	18.62	18.73	18.62	19.2
20		1	99	18.59	18.62	18.56	19.2
20		50	0	18.49	18.58	18.51	19.2
20		50	24	18.41	18.5	18.47	19.2
20		50	50	18.39	18.61	18.44	19.2
20		100	0	18.4	18.55	18.4	19.2
20	16QAM	1	0	18.47	18.5	18.63	19.2
20		1	49	18.4	18.48	18.51	19.2
20		1	99	18.46	18.46	18.46	19.2
20		50	0	18.62	18.51	18.47	19.2
20		50	24	18.53	18.46	18.58	19.2
20		50	50	18.58	18.58	18.52	19.2
20		100	0	18.47	18.74	18.58	19.2
20	64QAM	1	0	18.55	18.5	18.62	19.2
20		1	49	18.48	18.53	18.54	19.2
20		1	99	18.52	18.62	18.57	19.2
20		50	0	18.59	18.64	18.52	19.2
20		50	24	18.52	18.65	18.53	19.2
20		50	50	18.45	18.58	18.63	19.2
20		100	0	18.53	18.68	18.57	19.2
20	256QAM	1	0	18.48	18.74	18.58	19.2
20		1	49	18.45	18.6	18.5	19.2
20		1	99	18.65	18.57	18.57	19.2
20		50	0	18.49	18.58	18.58	19.2
20		50	24	18.49	18.62	18.65	19.2
20		50	50	18.6	18.51	18.66	19.2
20		100	0	18.48	18.63	18.57	19.2
Channel				26115	26340	26565	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.72	18.73	18.73	19.2
15		1	37	18.57	18.71	18.6	19.2
15		1	74	18.59	18.47	18.63	19.2
15		36	0	18.32	18.35	18.47	19.2
15		36	20	18.46	18.5	18.33	19.2
15		36	39	18.37	18.39	18.3	19.2
15		75	0	18.34	18.41	18.34	19.2
15	16QAM	1	0	18.45	18.44	18.58	19.2
15		1	37	18.39	18.36	18.47	19.2
15		1	74	18.34	18.41	18.32	19.2
15		36	0	18.5	18.4	18.38	19.2
15		36	20	18.39	18.36	18.47	19.2
15		36	39	18.38	18.44	18.47	19.2
15		75	0	18.38	18.73	18.52	19.2
15	64QAM	1	0	18.54	18.49	18.58	19.2
15		1	37	18.35	18.51	18.5	19.2
15		1	74	18.46	18.56	18.56	19.2
15		36	0	18.49	18.39	18.47	19.2
15		36	20	18.38	18.64	18.39	19.2
15		36	39	18.34	18.46	18.57	19.2
15		75	0	18.44	18.33	18.47	19.2
15	256QAM	1	0	18.47	18.61	18.52	19.2
15		1	37	18.42	18.77	18.48	19.2
15		1	74	18.5	18.44	18.46	19.2
15		36	0	18.35	18.64	18.47	19.2
15		36	20	18.43	18.6	18.52	19.2
15		36	39	18.49	18.49	18.64	19.2
15		75	0	18.38	18.49	18.49	19.2
Channel				26090	26340	26590	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
10	QPSK	1	0	18.58	18.76	18.62	19.2
10		1	25	18.64	18.68	18.6	19.2
10		1	49	18.66	18.52	18.66	19.2
10		25	0	18.32	18.51	18.37	19.2
10		25	12	18.56	18.48	18.33	19.2
10		25	25	18.43	18.54	18.39	19.2
10		50	0	18.37	18.42	18.35	19.2
10	16QAM	1	0	18.38	18.45	18.55	19.2
10		1	25	18.26	18.41	18.37	19.2
10		1	49	18.36	18.35	18.34	19.2
10		25	0	18.53	18.38	18.35	19.2
10		25	13	18.4	18.43	18.49	19.2
10		25	25	18.6	18.54	18.45	19.2
10		50	0	18.35	18.63	18.44	19.2
10	64QAM	1	0	18.42	18.35	18.58	19.2
10		1	25	18.47	18.49	18.41	19.2
10		1	49	18.37	18.5	18.44	19.2
10		25	0	18.44	18.6	18.49	19.2
10		25	12	18.48	18.52	18.41	19.2
10		25	25	18.41	18.45	18.53	19.2
10		50	0	18.45	18.64	18.55	19.2
10	256QAM	1	0	18.35	18.67	18.52	19.2
10		1	25	18.36	18.77	18.43	19.2
10		1	49	18.52	18.54	18.52	19.2
10		25	0	18.35	18.59	18.47	19.2
10		25	12	18.44	18.51	18.63	19.2
10		25	25	18.48	18.41	18.6	19.2
10		50	0	18.36	18.58	18.47	19.2
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1850.5	1880	1909.5	
8	QPSK	1	0	18.61	18.74	18.61	19.2
8		1	12	18.52	18.68	18.57	19.2
8		1	24	18.59	18.48	18.61	19.2
8		12	0	18.35	18.56	18.47	19.2
8		12	7	18.53	18.53	18.37	19.2
8		12	13	18.37	18.49	18.32	19.2
8		25	0	18.39	18.49	18.37	19.2
8	16QAM	1	0	18.44	18.46	18.58	19.2
8		1	12	18.39	18.37	18.49	19.2
8		1	24	18.44	18.39	18.34	19.2
8		12	0	18.56	18.46	18.4	19.2
8		12	7	18.51	18.4	18.44	19.2
8		12	13	18.63	18.49	18.38	19.2
8		25	0	18.4	18.72	18.45	19.2
8	64QAM	1	0	18.45	18.44	18.54	19.2
8		1	12	18.45	18.42	18.5	19.2
8		1	24	18.44	18.53	18.55	19.2
8		12	0	18.37	18.5	18.51	19.2
8		12	7	18.48	18.52	18.45	19.2
8		12	13	18.34	18.53	18.48	19.2
8		25	0	18.38	18.64	18.46	19.2
8	256QAM	1	0	18.38	18.65	18.47	19.2
8		1	12	18.32	18.71	18.45	19.2
8		1	24	18.6	18.49	18.49	19.2
8		12	0	18.4	18.58	18.54	19.2
8		12	7	18.44	18.57	18.61	19.2
8		12	13	18.52	18.41	18.57	19.2
8		25	0	18.33	18.54	18.48	19.2
Channel				26050	26340	26630	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.61	18.71	18.62	19.2
3		1	8	18.57	18.68	18.6	19.2
3		1	14	18.66	18.5	18.59	19.2
3		8	0	18.33	18.55	18.49	19.2
3		8	4	18.57	18.53	18.34	19.2
3		8	7	18.36	18.53	18.32	19.2
3		15	0	18.3	18.53	18.35	19.2
3	16QAM	1	0	18.36	18.45	18.59	19.2
3		1	8	18.28	18.4	18.44	19.2
3		1	14	18.36	18.32	18.32	19.2
3		8	0	18.6	18.41	18.43	19.2
3		8	4	18.43	18.39	18.44	19.2
3		8	7	18.65	18.48	18.38	19.2
3		15	0	18.44	18.66	18.55	19.2
3	64QAM	1	0	18.48	18.36	18.5	19.2
3		1	8	18.42	18.49	18.44	19.2
3		1	14	18.46	18.53	18.48	19.2
3		8	0	18.31	18.34	18.48	19.2
3		8	4	18.4	18.56	18.48	19.2
3		8	7	18.32	18.47	18.52	19.2
3		15	0	18.38	18.55	18.43	19.2
3	256QAM	1	0	18.42	18.66	18.48	19.2
3		1	8	18.42	18.75	18.39	19.2
3		1	14	18.62	18.43	18.46	19.2
3		8	0	18.44	18.58	18.5	19.2
3		8	4	18.41	18.49	18.57	19.2
3		8	7	18.48	18.49	18.64	19.2
3		15	0	18.41	18.5	18.54	19.2
Channel				26040	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.6	18.78	18.62	19.2
1.4		1	3	18.56	18.67	18.58	19.2
1.4		1	5	18.54	18.47	18.57	19.2
1.4		3	0	18.35	18.45	18.43	19.2
1.4		3	1	18.51	18.51	18.46	19.2
1.4		3	3	18.47	18.46	18.42	19.2
1.4		6	0	18.35	18.47	18.31	19.2
1.4	16QAM	1	0	18.35	18.49	18.55	19.2
1.4		1	3	18.3	18.45	18.5	19.2
1.4		1	5	18.37	18.34	18.37	19.2
1.4		3	0	18.51	18.41	18.32	19.2
1.4		3	1	18.46	18.38	18.49	19.2
1.4		3	3	18.55	18.46	18.47	19.2
1.4		6	0	18.36	18.39	18.53	19.2
1.4	64QAM	1	0	18.49	18.46	18.57	19.2
1.4		1	3	18.42	18.51	18.4	19.2
1.4		1	5	18.45	18.54	18.42	19.2
1.4		3	0	18.46	18.39	18.4	19.2
1.4		3	1	18.45	18.54	18.39	19.2
1.4		3	3	18.44	18.49	18.49	19.2
1.4		6	0	18.48	18.34	18.55	19.2
1.4	256QAM	1	0	18.38	18.71	18.54	19.2
1.4		1	3	18.34	18.67	18.47	19.2
1.4		1	5	18.64	18.34	18.43	19.2
1.4		3	0	18.34	18.55	18.41	19.2
1.4		3	1	18.42	18.5	18.58	19.2
1.4		3	3	18.48	18.4	18.57	19.2
1.4		6	0	18.38	18.6	18.52	19.2

<LTE Band 66_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.28	18.36	18.32	18.7
20		1	49	18.21	18.27	18.28	18.7
20		1	99	18.18	18.19	18.14	18.7
20		50	0	18.04	18.04	18.15	18.7
20		50	24	18.17	18.13	18.05	18.7
20		50	50	18.12	18.22	18.04	18.7
20		100	0	17.99	18.11	18	18.7
20	16QAM	1	0	17.99	18.1	18.12	18.7
20		1	49	18.04	18.03	18.06	18.7
20		1	99	18.08	18.04	18.01	18.7
20		50	0	18.15	18.08	18.1	18.7
20		50	24	18.2	18.15	18.19	18.7
20		50	50	18.24	18.2	18.24	18.7
20		100	0	18.13	18.33	18.16	18.7
20	64QAM	1	0	18.16	18.17	18.19	18.7
20		1	49	18.1	18.15	18.2	18.7
20		1	99	18.2	18.28	18.27	18.7
20		50	0	18.13	18.28	18.11	18.7
20		50	24	18.17	18.16	18.04	18.7
20		50	50	18.16	18.28	18.32	18.7
20		100	0	18.15	18.27	18.3	18.7
20	256QAM	1	0	18.01	18.31	18.13	18.7
20		1	49	18.03	18.36	18.17	18.7
20		1	99	18.3	18.28	18.2	18.7
20		50	0	18.08	18.16	18.23	18.7
20		50	24	18.06	18.16	18.2	18.7
20		50	50	18.09	18.16	18.3	18.7
20		100	0	18.2	18.22	18.28	18.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.23	18.27	18.2	18.7
15		1	37	18.31	18.22	18.15	18.7
15		1	74	18.13	18.14	18.1	18.7
15		36	0	17.98	18.04	18.09	18.7
15		36	20	18.15	18.01	18.11	18.7
15		36	39	18	18.09	17.98	18.7
15		75	0	17.97	18.04	17.97	18.7
15	16QAM	1	0	17.94	18.01	18.01	18.7
15		1	37	17.95	17.88	18	18.7
15		1	74	18.04	17.96	18	18.7
15		36	0	18.01	18.07	18.03	18.7
15		36	20	18.15	18	18.15	18.7
15		36	39	18.13	18.16	18.19	18.7
15		75	0	18.1	18.2	18.05	18.7
15	64QAM	1	0	18.09	18.04	18.07	18.7
15		1	37	17.97	18.09	18.1	18.7
15		1	74	18.18	18.23	18.19	18.7
15		36	0	18.01	18.14	18	18.7
15		36	20	18.08	18.04	17.98	18.7
15		36	39	18.06	18.25	18.26	18.7
15		75	0	18.11	18.19	18.24	18.7
15	256QAM	1	0	18.19	18.3	18.05	18.7
15		1	37	17.97	18.29	18.15	18.7
15		1	74	18.19	18.22	18.12	18.7
15		36	0	17.94	18.09	18.19	18.7
15		36	20	17.93	18.12	18.08	18.7
15		36	39	18.01	18.09	18.16	18.7
15		75	0	18.07	18.15	18.16	18.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.19	18.26	18.29	18.7
10		1	25	18.29	18.15	18.27	18.7
10		1	49	18.09	18.09	18.12	18.7
10		25	0	17.98	18.02	18	18.7
10		25	12	18.07	18.11	18.11	18.7
10		25	25	17.98	18.14	17.95	18.7
10		50	0	18.05	17.85	17.97	18.7
10	16QAM	1	0	17.97	17.98	17.98	18.7
10		1	25	17.98	17.89	17.99	18.7
10		1	49	17.94	18	17.94	18.7
10		25	0	18.12	18.06	18.01	18.7
10		25	12	18.07	18.1	18.09	18.7
10		25	25	18.18	18.09	18.18	18.7
10		50	0	18.07	18.18	18.12	18.7
10	64QAM	1	0	18.01	18.16	18.08	18.7
10		1	25	18	18.03	18.1	18.7
10		1	49	18.05	18.24	18.13	18.7
10		25	0	18.11	18.16	18.03	18.7
10		25	12	18.02	18.09	17.9	18.7
10		25	25	18.05	18.15	18.27	18.7
10		50	0	18.1	18.14	18.19	18.7
10	256QAM	1	0	18.15	18.27	17.98	18.7
10		1	25	18.01	18.24	18.07	18.7
10		1	49	18.28	18.2	18.1	18.7
10		25	0	17.98	18.08	18.1	18.7
10		25	12	18.02	18.02	18.16	18.7
10		25	25	18	18.05	18.22	18.7
10		50	0	18.16	18.08	18.15	18.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1713.5	1745	1776.5	
5	QPSK	1	0	18.13	18.22	18.26	18.7
5		1	12	18.26	18.18	18.18	18.7
5		1	24	18.1	18.06	17.99	18.7
5		12	0	18.01	18.26	18.03	18.7
5		12	7	18.07	18.08	18	18.7
5		12	13	18.05	18.12	17.94	18.7
5		25	0	17.76	18.05	17.88	18.7
5	16QAM	1	0	17.96	17.96	18	18.7
5		1	12	17.93	17.94	17.92	18.7
5		1	24	18.03	17.9	17.91	18.7
5		12	0	18.04	18.06	17.98	18.7
5		12	7	18.08	18.11	18.16	18.7
5		12	13	18.11	18.14	18.17	18.7
5		25	0	18.11	18.25	18.05	18.7
5	64QAM	1	0	18.08	18.14	18.05	18.7
5		1	12	18.05	18.08	18.12	18.7
5		1	24	18.06	18.14	18.22	18.7
5		12	0	18.05	18.16	18.03	18.7
5		12	7	18.1	18.04	17.9	18.7
5		12	13	18.1	18.14	18.21	18.7
5		25	0	18.14	18.16	18.24	18.7
5	256QAM	1	0	18.08	18.24	18.08	18.7
5		1	12	17.96	18.29	18.03	18.7
5		1	24	18.2	18.22	18.12	18.7
5		12	0	18.04	18.09	18.16	18.7
5		12	7	18.05	18.04	18.18	18.7
5		12	13	18.07	18.11	18.29	18.7
5		25	0	18.06	18.17	18.18	18.7
Channel				131967	132322	132677	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.25	18.32	18.21	18.7
3		1	8	18.29	18.23	18.36	18.7
3		1	14	18.15	18.07	18.03	18.7
3		8	0	17.92	18.04	18.11	18.7
3		8	4	18.08	17.99	18.07	18.7
3		8	7	18.1	18.07	18.01	18.7
3		15	0	17.79	18.02	17.93	18.7
3	16QAM	1	0	17.95	17.96	18.04	18.7
3		1	8	17.96	17.9	17.95	18.7
3		1	14	17.96	17.93	17.97	18.7
3		8	0	18.07	17.95	18.02	18.7
3		8	4	18.12	18.09	18.16	18.7
3		8	7	18.14	18.17	18.19	18.7
3		15	0	18.08	18.27	18.08	18.7
3	64QAM	1	0	18.09	18.11	18.05	18.7
3		1	8	18.06	18.13	18.15	18.7
3		1	14	18.13	18.14	18.22	18.7
3		8	0	18.11	18.14	18.07	18.7
3		8	4	18.09	18.05	18	18.7
3		8	7	18.07	18.13	18.3	18.7
3		15	0	18	18.19	18.26	18.7
3	256QAM	1	0	18.12	18.16	18.09	18.7
3		1	8	17.93	18.26	18.11	18.7
3		1	14	18.19	18.15	18.16	18.7
3		8	0	17.98	18.15	18.09	18.7
3		8	4	18.04	18	18.03	18.7
3		8	7	18.04	18.03	18.19	18.7
3		15	0	18.05	18.14	18.16	18.7
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1777.3	
1.4	QPSK	1	0	18.23	18.27	18.21	18.7
1.4		1	3	18.29	18.14	18.27	18.7
1.4		1	5	18.1	18.05	18.08	18.7
1.4		3	0	17.89	18.23	18.09	18.7
1.4		3	1	18.13	18.1	18.04	18.7
1.4		3	3	18.08	18.19	17.99	18.7
1.4		6	0	17.9	18.07	17.96	18.7
1.4	16QAM	1	0	17.97	17.99	18	18.7
1.4		1	3	17.98	17.93	18	18.7
1.4		1	5	18.01	18.03	17.88	18.7
1.4		3	0	18.09	18.02	18.06	18.7
1.4		3	1	18.09	18.12	18.16	18.7
1.4		3	3	18.1	18.15	18.23	18.7
1.4		6	0	18.09	18.2	18.09	18.7
1.4	64QAM	1	0	18.12	18.13	18.06	18.7
1.4		1	3	18.04	18	18.19	18.7
1.4		1	5	18.17	18.25	18.19	18.7
1.4		3	0	18	18.22	17.99	18.7
1.4		3	1	18.03	18.06	18	18.7
1.4		3	3	18.1	18.13	18.2	18.7
1.4		6	0	18.07	18.21	18.19	18.7
1.4	256QAM	1	0	18.19	18.16	18.08	18.7
1.4		1	3	17.91	18.25	18.09	18.7
1.4		1	5	18.06	18.17	18.15	18.7
1.4		3	0	18.06	18.16	18.21	18.7
1.4		3	1	17.93	18.06	18.12	18.7
1.4		3	3	18.02	18.08	18.26	18.7
1.4		6	0	18.17	18.12	18.23	18.7

<LTE Band 38_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.38	18.48	18.4	18.7
20		1	49	18.22	18.37	18.19	18.7
20		1	99	18.13	18.3	18.13	18.7
20		50	0	18.17	18.29	18.09	18.7
20		50	24	18	18.22	18.06	18.7
20		50	50	18.11	18.29	18.03	18.7
20		100	0	18.02	18.15	18.04	18.7
20	16QAM	1	0	18.07	18.27	18.05	18.7
20		1	49	17.92	18.15	17.95	18.7
20		1	99	17.87	18.1	17.9	18.7
20		50	0	18.12	18.25	18.16	18.7
20		50	24	18.01	18.21	18.02	18.7
20		50	50	18.11	18.22	18.02	18.7
20		100	0	18.06	18.28	18.1	18.7
20	64QAM	1	0	18.01	18.24	18.14	18.7
20		1	49	18.11	18.28	18.05	18.7
20		1	99	18.15	18.32	18.19	18.7
20		50	0	18.14	18.32	18.12	18.7
20		50	24	18.12	18.32	18.13	18.7
20		50	50	18.19	18.37	18.22	18.7
20		100	0	18.03	18.28	18.07	18.7
20	256QAM	1	0	18.13	18.31	18.11	18.7
20		1	49	18.29	18.44	18.32	18.7
20		1	99	18.11	18.24	18.1	18.7
20		50	0	18.14	18.33	18.24	18.7
20		50	24	18.12	18.26	18.17	18.7
20		50	50	18.06	18.24	18.14	18.7
20		100	0	18.1	18.31	18.17	18.7
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.32	18.42	18.38	18.7
15		1	37	18.12	18.3	18.17	18.7
15		1	74	18.01	18.19	18.06	18.7
15		36	0	18.05	18.17	17.95	18.7
15		36	20	17.92	18.18	18.05	18.7
15		36	39	18.05	18.25	18.09	18.7
15		75	0	17.88	18.1	18.03	18.7
15	16QAM	1	0	17.99	18.21	17.94	18.7
15		1	37	17.85	18.08	17.81	18.7
15		1	74	17.76	18	17.83	18.7
15		36	0	18.05	18.24	18.11	18.7
15		36	20	17.89	18.16	18	18.7
15		36	39	18.03	18.11	17.99	18.7
15		75	0	18.04	18.17	18.08	18.7
15	64QAM	1	0	17.92	18.19	18.08	18.7
15		1	37	18.07	18.17	18	18.7
15		1	74	18.13	18.2	18.09	18.7
15		36	0	18.04	18.3	18.07	18.7
15		36	20	18.03	18.18	18.08	18.7
15		36	39	18.11	18.27	18.14	18.7
15		75	0	17.98	18.25	17.96	18.7
15	256QAM	1	0	18.01	18.25	18.04	18.7
15		1	37	18.17	18.33	18.22	18.7
15		1	74	18.04	18.1	18	18.7
15		36	0	18.06	18.32	18.09	18.7
15		36	20	18.1	18.12	18.14	18.7
15		36	39	17.93	18.2	18.06	18.7
15		75	0	18.08	18.29	18.09	18.7
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.36	18.41	18.26	18.7
10		1	25	18.2	18.29	18.1	18.7
10		1	49	17.99	18.2	17.99	18.7
10		25	0	18.14	18.16	17.95	18.7
10		25	12	17.86	18.15	17.96	18.7
10		25	25	17.99	18.21	18.1	18.7
10		50	0	18.01	18.09	17.9	18.7
10	16QAM	1	0	17.93	18.26	17.94	18.7
10		1	25	17.86	18.1	17.91	18.7
10		1	49	17.74	18.07	17.83	18.7
10		25	0	18.02	18.19	18.08	18.7
10		25	12	17.96	18.09	17.89	18.7
10		25	25	17.96	18.11	17.95	18.7
10		50	0	17.93	18.16	17.99	18.7
10	64QAM	1	0	17.89	18.14	18.09	18.7
10		1	25	18.04	18.25	18.01	18.7
10		1	49	18.06	18.28	18.07	18.7
10		25	0	18.06	18.17	18.02	18.7
10		25	12	18.04	18.3	18.06	18.7
10		25	25	18.07	18.34	18.2	18.7
10		50	0	17.99	18.15	18.02	18.7
10	256QAM	1	0	18.11	18.22	18.05	18.7
10		1	25	18.23	18.42	18.2	18.7
10		1	49	18.03	18.2	17.99	18.7
10		25	0	18.08	18.31	18.22	18.7
10		25	12	18.06	18.2	18.13	18.7
10		25	25	18	18.12	18.12	18.7
10		50	0	18.07	18.19	18.05	18.7
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.35	18.37	18.28	18.7
5		1	12	18.21	18.25	18.06	18.7
5		1	24	18.04	18.21	17.98	18.7
5		12	0	18.08	18.19	17.99	18.7
5		12	7	17.96	18.11	18.01	18.7
5		12	13	18.03	18.19	18.09	18.7
5		25	0	17.98	18.09	17.91	18.7
5	16QAM	1	0	18.04	18.18	17.91	18.7
5		1	12	17.84	18	17.91	18.7
5		1	24	17.8	18.04	17.83	18.7
5		12	0	17.99	18.17	18.08	18.7
5		12	7	17.92	18.14	17.88	18.7
5		12	13	18	18.13	17.92	18.7
5		25	0	18.02	18.19	18.08	18.7
5	64QAM	1	0	17.97	18.18	18.12	18.7
5		1	12	17.97	18.22	18.04	18.7
5		1	24	18	18.24	18.12	18.7
5		12	0	18.01	18.25	18.04	18.7
5		12	7	18.08	18.24	18.05	18.7
5		12	13	18.15	18.35	18.13	18.7
5		25	0	17.95	18.14	17.94	18.7
5	256QAM	1	0	18.06	18.27	17.98	18.7
5		1	12	18.18	18.39	18.27	18.7
5		1	24	18.06	18.13	18.08	18.7
5		12	0	18.09	18.23	18.22	18.7
5		12	7	18.05	18.13	18.02	18.7
5		12	13	17.92	18.22	18.09	18.7
5		25	0	18.03	18.21	18.14	18.7

<LTE Band 41_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.32	18.39	18.54	18.39	18.36	18.7
20		1	49	18.17	18.18	18.46	18.24	18.19	18.7
20		1	99	17.96	18.08	18.32	18.03	18.11	18.7
20		50	0	18.13	18.25	18.46	18.23	18.15	18.7
20		50	24	17.96	18.07	18.33	18.14	18.08	18.7
20		50	50	18.08	18.06	18.33	18.05	18.09	18.7
20		100	0	18.15	18.15	18.41	18.16	18.18	18.7
20	16QAM	1	0	17.92	18.11	18.27	18.1	17.99	18.7
20		1	49	17.96	18.01	18.22	17.97	17.91	18.7
20		1	99	17.79	17.96	18.13	17.92	17.91	18.7
20		50	0	17.94	18	18.2	18.01	17.89	18.7
20		50	24	17.96	18.07	18.24	17.96	17.94	18.7
20		50	50	17.99	17.99	18.23	18.02	17.96	18.7
20		100	0	18.15	18.21	18.38	18.18	18.07	18.7
20	64QAM	1	0	18.03	17.98	18.27	18.1	18.01	18.7
20		1	49	17.89	18.01	18.2	17.92	17.89	18.7
20		1	99	18.12	18.1	18.39	18.11	18.14	18.7
20		50	0	18.02	18.08	18.32	18.06	18.05	18.7
20		50	24	18.05	18.08	18.37	18.13	18.17	18.7
20		50	50	18.06	18.23	18.39	18.15	18.1	18.7
20		100	0	18.04	18.05	18.26	18.11	17.97	18.7
20	256QAM	1	0	18.16	18.23	18.44	18.15	18.16	18.7
20		1	49	18.12	18.26	18.44	18.25	18.11	18.7
20		1	99	17.92	18.03	18.27	18.01	18.01	18.7
20		50	0	18.21	18.25	18.46	18.22	18.16	18.7
20		50	24	18.1	18.13	18.34	18.05	18.05	18.7
20		50	50	17.99	18.07	18.3	18.03	18.04	18.7
20		100	0	18.04	18.09	18.37	18.14	18.13	18.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.23	18.33	18.52	18.32	18.21	18.7
15		1	37	18.09	18.16	18.38	18.18	18.1	18.7
15		1	74	17.93	18.04	18.2	17.9	18.03	18.7
15		36	0	17.99	18.11	18.33	18.17	18.02	18.7
15		36	20	17.86	18.04	18.27	18.06	17.97	18.7
15		36	39	18	18	18.2	18.03	17.95	18.7
15		75	0	18.05	18.14	18.37	18.14	18.1	18.7
15	16QAM	1	0	17.85	18.01	18.26	17.96	17.94	18.7
15		1	37	17.81	17.89	18.09	17.92	17.85	18.7
15		1	74	17.68	17.91	18.07	17.85	17.77	18.7
15		36	0	17.9	17.96	18.18	17.86	17.75	18.7
15		36	20	17.86	18.01	18.18	17.88	17.84	18.7
15		36	39	17.93	17.88	18.15	17.97	17.9	18.7
15		75	0	18.1	18.07	18.29	18.17	17.97	18.7
15	64QAM	1	0	17.94	17.85	18.14	18.02	17.93	18.7
15		1	37	17.81	17.96	18.05	17.78	17.8	18.7
15		1	74	18.07	18.03	18.37	18.03	18	18.7
15		36	0	17.97	18.02	18.31	17.95	17.92	18.7
15		36	20	18	17.98	18.29	18.02	18.08	18.7
15		36	39	17.95	18.12	18.34	18.05	18.03	18.7
15		75	0	17.92	17.96	18.16	18.09	17.96	18.7
15	256QAM	1	0	18.09	18.11	18.41	18.07	18.09	18.7
15		1	37	17.98	18.15	18.42	18.2	17.97	18.7
15		1	74	17.89	17.98	18.22	17.9	17.87	18.7
15		36	0	18.06	18.14	18.41	18.12	18.14	18.7
15		36	20	17.96	18.04	18.22	17.93	18.03	18.7
15		36	39	17.92	17.98	18.27	17.99	17.96	18.7
15		75	0	18.03	17.98	18.25	18.1	17.99	18.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.3	18.25	18.47	18.27	18.22	18.7
10		1	25	18.12	18.1	18.42	18.2	18.13	18.7
10		1	49	17.88	18.01	18.24	17.95	18.02	18.7
10		25	0	18	18.16	18.39	18.11	18.07	18.7
10		25	12	17.83	17.95	18.29	18.09	17.98	18.7
10		25	25	17.99	17.97	18.24	18.01	17.99	18.7
10		50	0	18.1	18.13	18.31	18.13	18.17	18.7
10	16QAM	1	0	17.88	18.03	18.22	17.97	17.92	18.7
10		1	25	17.89	17.86	18.21	17.95	17.77	18.7
10		1	49	17.66	17.86	18.05	17.82	17.88	18.7
10		25	0	17.9	17.92	18.15	17.91	17.77	18.7
10		25	12	17.88	18.03	18.22	17.87	17.82	18.7
10		25	25	17.91	17.96	18.17	17.89	17.82	18.7
10		50	0	18.1	18.19	18.35	18.04	17.99	18.7
10	64QAM	1	0	17.96	17.88	18.12	18.06	17.92	18.7
10		1	25	17.78	17.87	18.11	17.84	17.8	18.7
10		1	49	18.06	17.97	18.31	17.98	18.1	18.7
10		25	0	17.92	18.04	18.29	18	17.97	18.7
10		25	12	17.94	18.06	18.24	18.06	18.08	18.7
10		25	25	18.03	18.15	18.32	18.13	18	18.7
10		50	0	17.92	17.98	18.24	17.96	17.86	18.7
10	256QAM	1	0	18.11	18.12	18.32	18.03	18.12	18.7
10		1	25	18.07	18.13	18.31	18.23	18.08	18.7
10		1	49	17.78	17.96	18.21	17.95	17.94	18.7
10		25	0	18.07	18.23	18.35	18.09	18.04	18.7
10		25	12	18.03	17.98	18.24	17.94	17.9	18.7
10		25	25	17.98	18.03	18.22	17.9	17.9	18.7
10		50	0	18.02	18.05	18.26	18.07	18.12	18.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.19	18.29	18.45	18.32	18.28	18.7
5		1	12	18.08	18.14	18.36	18.1	18.12	18.7
5		1	24	17.89	17.98	18.28	17.95	18.03	18.7
5		12	0	18.09	18.11	18.41	18.1	18.12	18.7
5		12	7	17.89	17.99	18.19	18.02	17.99	18.7
5		12	13	18.03	18.05	18.26	17.94	18.06	18.7
5		25	0	18.08	18.06	18.39	18.06	18.15	18.7
5	16QAM	1	0	17.9	18.09	18.19	18.02	17.96	18.7
5		1	12	17.82	17.96	18.16	17.85	17.89	18.7
5		1	24	17.67	17.9	18.06	17.79	17.86	18.7
5		12	0	17.87	17.85	18.05	17.98	17.77	18.7
5		12	7	17.84	17.98	18.14	17.81	17.87	18.7
5		12	13	17.96	17.93	18.13	17.99	17.94	18.7
5		25	0	18.06	18.12	18.23	18.14	17.95	18.7
5	64QAM	1	0	17.93	17.95	18.22	17.98	17.96	18.7
5		1	12	17.87	17.98	18.08	17.83	17.81	18.7
5		1	24	18.1	17.97	18.31	17.96	18.08	18.7
5		12	0	17.89	18.01	18.19	18	17.91	18.7
5		12	7	18.01	17.97	18.24	18	18.12	18.7
5		12	13	17.92	18.12	18.27	18.02	18	18.7
5		25	0	18	18	18.25	18.09	17.95	18.7
5	256QAM	1	0	18.08	18.2	18.41	18.04	18.13	18.7
5		1	12	17.99	18.24	18.31	18.15	18.07	18.7
5		1	24	17.83	17.88	18.14	17.92	17.92	18.7
5		12	0	18.11	18.24	18.39	18.14	18.09	18.7
5		12	7	18.07	18.04	18.29	17.97	17.98	18.7
5		12	13	17.95	17.98	18.15	17.94	17.99	18.7
5		25	0	17.93	18.04	18.27	18.08	17.98	18.7

<LTE Band 42 (27Q)_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	16.43	16.57	16.41	16.7
20		1	49	16.3	16.49	16.28	16.7
20		1	99	16.12	16.38	16.18	16.7
20		50	0	16.23	16.48	16.22	16.7
20		50	24	16.14	16.29	16.05	16.7
20		50	50	16.06	16.28	16.07	16.7
20		100	0	16.15	16.4	16.12	16.7
20	16QAM	1	0	16.05	16.28	16.02	16.7
20		1	49	15.97	16.25	16.03	16.7
20		1	99	15.98	16.23	16.04	16.7
20		50	0	16.04	16.24	16.06	16.7
20		50	24	16.01	16.25	16.05	16.7
20		50	50	15.97	16.25	15.94	16.7
20		100	0	16.28	16.43	16.2	16.7
20	64QAM	1	0	16.16	16.35	16.14	16.7
20		1	49	16.16	16.34	16.05	16.7
20		1	99	16.23	16.39	16.09	16.7
20		50	0	16.17	16.39	16.18	16.7
20		50	24	16.06	16.26	15.98	16.7
20		50	50	16.16	16.39	16.09	16.7
20		100	0	16.09	16.33	16.12	16.7
20	256QAM	1	0	16.3	16.47	16.3	16.7
20		1	49	16.26	16.52	16.26	16.7
20		1	99	16.16	16.33	16.02	16.7
20		50	0	16.21	16.39	16.14	16.7
20		50	24	16.16	16.39	16.19	16.7
20		50	50	16.06	16.33	16.12	16.7
20		100	0	16.13	16.4	16.21	16.7
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	16.37	16.53	16.29	16.7
15		1	37	16.27	16.42	16.22	16.7
15		1	74	15.99	16.24	16.14	16.7
15		36	0	16.18	16.41	16.21	16.7
15		36	20	16.1	16.24	15.98	16.7
15		36	39	16.01	16.26	16.06	16.7
15		75	0	16.07	16.38	16.04	16.7
15	16QAM	1	0	15.97	16.14	15.9	16.7
15		1	37	15.91	16.18	15.95	16.7
15		1	74	15.93	16.13	16.02	16.7
15		36	0	15.9	16.19	16.04	16.7
15		36	20	15.92	16.2	15.96	16.7
15		36	39	15.92	16.21	15.82	16.7
15		75	0	16.13	16.39	16.09	16.7
15	64QAM	1	0	16.02	16.33	16	16.7
15		1	37	16.07	16.23	15.99	16.7
15		1	74	16.11	16.37	15.95	16.7
15		36	0	16.1	16.32	16.1	16.7
15		36	20	16.04	16.17	15.86	16.7
15		36	39	16.08	16.35	15.99	16.7
15		75	0	16.05	16.25	16.11	16.7
15	256QAM	1	0	16.23	16.45	16.23	16.7
15		1	37	16.17	16.38	16.21	16.7
15		1	74	16.02	16.18	15.97	16.7
15		36	0	16.18	16.29	16.04	16.7
15		36	20	16.08	16.29	16.16	16.7
15		36	39	15.97	16.19	15.98	16.7
15		75	0	16.09	16.35	16.1	16.7
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	16.3	16.48	16.32	16.7
10		1	25	16.26	16.39	16.13	16.7
10		1	49	16.1	16.35	16.15	16.7
10		25	0	16.16	16.39	16.12	16.7
10		25	12	16	16.17	15.9	16.7
10		25	25	16.03	16.23	16.03	16.7
10		50	0	16.08	16.35	16.03	16.7
10	16QAM	1	0	16.01	16.17	15.95	16.7
10		1	25	15.91	16.22	16.01	16.7
10		1	49	15.93	16.15	15.99	16.7
10		25	0	15.93	16.17	15.99	16.7
10		25	12	15.92	16.17	16.02	16.7
10		25	25	15.84	16.18	15.8	16.7
10		50	0	16.16	16.41	16.14	16.7
10	64QAM	1	0	16.11	16.3	16.08	16.7
10		1	25	16.09	16.32	16	16.7
10		1	49	16.09	16.34	16.07	16.7
10		25	0	16.14	16.37	16.1	16.7
10		25	12	16.02	16.21	15.84	16.7
10		25	25	16.09	16.33	16.01	16.7
10		50	0	16.06	16.29	16.03	16.7
10	256QAM	1	0	16.16	16.42	16.16	16.7
10		1	25	16.25	16.42	16.11	16.7
10		1	49	16.04	16.21	15.99	16.7
10		25	0	16.15	16.37	16.04	16.7
10		25	12	16.1	16.33	16.06	16.7
10		25	25	15.97	16.29	16.03	16.7
10		50	0	15.99	16.38	16.19	16.7
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	16.28	16.54	16.27	16.7
5		1	12	16.25	16.4	16.27	16.7
5		1	24	16.06	16.32	16.09	16.7
5		12	0	16.18	16.38	16.14	16.7
5		12	7	16.12	16.21	16.03	16.7
5		12	13	16.02	16.21	15.93	16.7
5		25	0	16.05	16.32	16.06	16.7
5	16QAM	1	0	15.95	16.17	15.97	16.7
5		1	12	15.87	16.14	15.91	16.7
5		1	24	15.89	16.15	15.99	16.7
5		12	0	16.03	16.23	15.92	16.7
5		12	7	15.95	16.14	15.97	16.7
5		12	13	15.89	16.2	15.88	16.7
5		25	0	16.14	16.3	16.07	16.7
5	64QAM	1	0	16.06	16.24	16.01	16.7
5		1	12	16.01	16.23	15.94	16.7
5		1	24	16.2	16.36	15.96	16.7
5		12	0	16.16	16.32	16.11	16.7
5		12	7	15.94	16.22	15.94	16.7
5		12	13	16.04	16.33	15.97	16.7
5		25	0	16.05	16.23	16.01	16.7
5	256QAM	1	0	16.17	16.39	16.19	16.7
5		1	12	16.12	16.42	16.14	16.7
5		1	24	16.02	16.2	15.9	16.7
5		12	0	16.19	16.36	16.1	16.7
5		12	7	16.11	16.37	16.15	16.7
5		12	13	16	16.29	16.1	16.7
5		25	0	16.02	16.39	16.12	16.7

<LTE Band 48_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	15.69	15.72	15.73	15.64	15.61	16.5
20		1	49	15.57	15.65	15.71	15.53	15.45	16.5
20		1	99	15.56	15.54	15.62	15.39	15.47	16.5
20		50	0	15.59	15.62	15.67	15.54	15.45	16.5
20		50	24	15.34	15.45	15.5	15.27	15.37	16.5
20		50	50	15.38	15.48	15.51	15.31	15.37	16.5
20		100	0	15.48	15.62	15.65	15.51	15.49	16.5
20	16QAM	1	0	15.38	15.44	15.48	15.38	15.23	16.5
20		1	49	15.23	15.29	15.38	15.28	15.23	16.5
20		1	99	15.28	15.33	15.39	15.27	15.15	16.5
20		50	0	15.49	15.47	15.54	15.39	15.34	16.5
20		50	24	15.41	15.43	15.56	15.39	15.31	16.5
20		50	50	15.44	15.38	15.52	15.39	15.34	16.5
20		100	0	15.58	15.58	15.71	15.61	15.55	16.5
20	64QAM	1	0	15.43	15.47	15.54	15.32	15.35	16.5
20		1	49	15.3	15.33	15.48	15.27	15.33	16.5
20		1	99	15.47	15.51	15.65	15.44	15.4	16.5
20		50	0	15.49	15.52	15.65	15.51	15.51	16.5
20		50	24	15.32	15.44	15.51	15.36	15.34	16.5
20		50	50	15.56	15.58	15.67	15.48	15.42	16.5
20		100	0	15.52	15.42	15.58	15.42	15.34	16.5
20	256QAM	1	0	15.58	15.59	15.65	15.53	15.42	16.5
20		1	49	15.55	15.59	15.66	15.52	15.48	16.5
20		1	99	15.47	15.56	15.65	15.52	15.5	16.5
20		50	0	15.65	15.62	15.71	15.54	15.46	16.5
20		50	24	15.4	15.46	15.58	15.41	15.42	16.5
20		50	50	15.42	15.54	15.59	15.39	15.36	16.5
20		100	0	15.57	15.57	15.67	15.54	15.52	16.5
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	15.57	15.69	15.6	15.59	15.51	16.5
15		1	37	15.53	15.51	15.69	15.4	15.38	16.5
15		1	74	15.48	15.51	15.55	15.28	15.39	16.5
15		36	0	15.51	15.51	15.63	15.45	15.34	16.5
15		36	20	15.23	15.33	15.42	15.2	15.36	16.5
15		36	39	15.25	15.42	15.44	15.28	15.28	16.5
15		75	0	15.39	15.48	15.59	15.4	15.38	16.5
15	16QAM	1	0	15.34	15.32	15.4	15.34	15.2	16.5
15		1	37	15.13	15.18	15.37	15.19	15.16	16.5
15		1	74	15.13	15.21	15.3	15.15	15.11	16.5
15		36	0	15.42	15.32	15.42	15.33	15.27	16.5
15		36	20	15.31	15.37	15.42	15.37	15.23	16.5
15		36	39	15.38	15.29	15.46	15.28	15.21	16.5
15		75	0	15.49	15.45	15.64	15.57	15.44	16.5
15	64QAM	1	0	15.29	15.39	15.42	15.2	15.33	16.5
15		1	37	15.17	15.2	15.41	15.23	15.23	16.5
15		1	74	15.38	15.46	15.59	15.31	15.27	16.5
15		36	0	15.38	15.46	15.56	15.49	15.47	16.5
15		36	20	15.2	15.37	15.49	15.25	15.3	16.5
15		36	39	15.44	15.45	15.65	15.37	15.41	16.5
15		75	0	15.5	15.38	15.5	15.32	15.25	16.5
15	256QAM	1	0	15.46	15.52	15.53	15.52	15.3	16.5
15		1	37	15.51	15.53	15.54	15.38	15.46	16.5
15		1	74	15.4	15.52	15.51	15.42	15.36	16.5
15		36	0	15.5	15.49	15.63	15.46	15.35	16.5
15		36	20	15.36	15.44	15.57	15.33	15.32	16.5
15		36	39	15.3	15.49	15.49	15.37	15.29	16.5
15		75	0	15.46	15.47	15.64	15.48	15.48	16.5
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	15.56	15.69	15.66	15.6	15.46	16.5
10		1	25	15.5	15.51	15.65	15.47	15.35	16.5
10		1	49	15.45	15.44	15.54	15.31	15.41	16.5
10		25	0	15.56	15.51	15.63	15.46	15.44	16.5
10		25	12	15.29	15.3	15.46	15.25	15.31	16.5
10		25	25	15.26	15.35	15.39	15.21	15.26	16.5
10		50	0	15.37	15.56	15.56	15.37	15.44	16.5
10	16QAM	1	0	15.27	15.3	15.34	15.25	15.21	16.5
10		1	25	15.13	15.25	15.32	15.15	15.09	16.5
10		1	49	15.23	15.24	15.31	15.19	15.02	16.5
10		25	0	15.38	15.43	15.4	15.28	15.26	16.5
10		25	12	15.34	15.33	15.5	15.33	15.27	16.5
10		25	25	15.3	15.3	15.49	15.3	15.25	16.5
10		50	0	15.43	15.57	15.59	15.47	15.47	16.5
10	64QAM	1	0	15.32	15.43	15.52	15.3	15.21	16.5
10		1	25	15.2	15.22	15.44	15.26	15.18	16.5
10		1	49	15.33	15.42	15.54	15.3	15.37	16.5
10		25	0	15.38	15.48	15.59	15.4	15.42	16.5
10		25	12	15.21	15.29	15.49	15.23	15.25	16.5
10		25	25	15.52	15.55	15.64	15.4	15.36	16.5
10		50	0	15.48	15.36	15.55	15.27	15.2	16.5
10	256QAM	1	0	15.48	15.57	15.51	15.39	15.41	16.5
10		1	25	15.41	15.47	15.6	15.37	15.41	16.5
10		1	49	15.4	15.43	15.58	15.47	15.41	16.5
10		25	0	15.59	15.58	15.64	15.51	15.41	16.5
10		25	12	15.33	15.43	15.55	15.32	15.4	16.5
10		25	25	15.32	15.49	15.55	15.31	15.22	16.5
10		50	0	15.45	15.55	15.62	15.39	15.37	16.5
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	15.65	15.65	15.71	15.55	15.55	16.5
5		1	12	15.55	15.63	15.62	15.38	15.4	16.5
5		1	24	15.52	15.44	15.58	15.33	15.42	16.5
5		12	0	15.46	15.59	15.54	15.4	15.32	16.5
5		12	7	15.26	15.42	15.37	15.25	15.23	16.5
5		12	13	15.35	15.34	15.45	15.18	15.23	16.5
5		25	0	15.35	15.6	15.55	15.41	15.37	16.5
5	16QAM	1	0	15.26	15.36	15.42	15.27	15.21	16.5
5		1	12	15.21	15.18	15.34	15.26	15.11	16.5
5		1	24	15.17	15.22	15.29	15.12	15.12	16.5
5		12	0	15.39	15.42	15.44	15.28	15.32	16.5
5		12	7	15.37	15.3	15.5	15.35	15.21	16.5
5		12	13	15.34	15.23	15.48	15.3	15.19	16.5
5		25	0	15.52	15.49	15.56	15.54	15.43	16.5
5	64QAM	1	0	15.31	15.41	15.52	15.31	15.23	16.5
5		1	12	15.29	15.3	15.46	15.24	15.27	16.5
5		1	24	15.39	15.43	15.56	15.4	15.33	16.5
5		12	0	15.43	15.44	15.5	15.47	15.37	16.5
5		12	7	15.23	15.33	15.37	15.32	15.24	16.5
5		12	13	15.43	15.48	15.64	15.34	15.36	16.5
5		25	0	15.44	15.34	15.56	15.41	15.28	16.5
5	256QAM	1	0	15.44	15.54	15.52	15.39	15.39	16.5
5		1	12	15.53	15.52	15.59	15.45	15.43	16.5
5		1	24	15.39	15.52	15.53	15.4	15.37	16.5
5		12	0	15.62	15.55	15.6	15.49	15.36	16.5
5		12	7	15.29	15.31	15.49	15.38	15.37	16.5
5		12	13	15.38	15.41	15.58	15.24	15.23	16.5
5		25	0	15.48	15.54	15.59	15.43	15.45	16.5

<LTE Band 2_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.68	16.70	16.71	17.5
20		1	49	16.73	16.69	16.68	17.5
20		1	99	16.66	16.68	16.7	17.5
20		50	0	16.55	16.68	16.52	17.5
20		50	24	16.65	16.62	16.51	17.5
20		50	50	16.52	16.6	16.52	17.5
20		100	0	16.37	16.49	16.38	17.5
20	16QAM	1	0	16.51	16.54	16.57	17.5
20		1	49	16.47	16.55	16.56	17.5
20		1	99	16.46	16.47	16.56	17.5
20		50	0	16.66	16.49	16.57	17.5
20		50	24	16.71	16.54	16.74	17.5
20		50	50	16.58	16.53	16.52	17.5
20		100	0	16.48	16.71	16.65	17.5
20	64QAM	1	0	16.55	16.58	16.72	17.5
20		1	49	16.57	16.67	16.6	17.5
20		1	99	16.65	16.7	16.69	17.5
20		50	0	16.72	16.63	16.67	17.5
20		50	24	16.55	16.64	16.57	17.5
20		50	50	16.5	16.76	16.77	17.5
20		100	0	16.69	16.6	16.73	17.5
20	256QAM	1	0	16.57	16.58	16.63	17.5
20		1	49	16.49	16.77	16.68	17.5
20		1	99	16.68	16.73	16.72	17.5
20		50	0	16.6	16.77	16.68	17.5
20		50	24	16.53	16.62	16.63	17.5
20		50	50	16.64	16.69	16.67	17.5
20		100	0	16.55	16.68	16.72	17.5
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1827.5	1880	1932.5	
15	QPSK	1	0	16.57	16.73	16.63	17.5
15		1	37	16.62	16.57	16.61	17.5
15		1	74	16.62	16.62	16.58	17.5
15		36	0	16.42	16.35	16.47	17.5
15		36	20	16.55	16.53	16.45	17.5
15		36	39	16.41	16.37	16.5	17.5
15		75	0	16.31	16.34	16.26	17.5
15	16QAM	1	0	16.48	16.41	16.54	17.5
15		1	37	16.42	16.33	16.51	17.5
15		1	74	16.31	16.45	16.5	17.5
15		36	0	16.54	16.47	16.52	17.5
15		36	20	16.64	16.39	16.6	17.5
15		36	39	16.48	16.35	16.52	17.5
15		75	0	16.38	16.63	16.63	17.5
15	64QAM	1	0	16.47	16.39	16.58	17.5
15		1	37	16.55	16.43	16.54	17.5
15		1	74	16.54	16.65	16.62	17.5
15		36	0	16.61	16.49	16.64	17.5
15		36	20	16.48	16.39	16.43	17.5
15		36	39	16.43	16.7	16.74	17.5
15		75	0	16.63	16.59	16.65	17.5
15	256QAM	1	0	16.54	16.39	16.5	17.5
15		1	37	16.48	16.63	16.62	17.5
15		1	74	16.62	16.69	16.6	17.5
15		36	0	16.48	16.74	16.57	17.5
15		36	20	16.39	16.52	16.58	17.5
15		36	39	16.62	16.64	16.61	17.5
15		75	0	16.53	16.58	16.59	17.5
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1850	1880	1910	
10	QPSK	1	0	16.65	16.62	16.66	17.5
10		1	25	16.67	16.67	16.65	17.5
10		1	49	16.53	16.57	16.62	17.5
10		25	0	16.4	16.64	16.48	17.5
10		25	12	16.52	16.5	16.4	17.5
10		25	25	16.49	16.59	16.48	17.5
10		50	0	16.38	16.54	16.39	17.5
10	16QAM	1	0	16.41	16.49	16.45	17.5
10		1	25	16.38	16.49	16.51	17.5
10		1	49	16.38	16.39	16.59	17.5
10		25	0	16.65	16.48	16.51	17.5
10		25	12	16.5	16.52	16.67	17.5
10		25	25	16.48	16.51	16.57	17.5
10		50	0	16.44	16.58	16.53	17.5
10	64QAM	1	0	16.4	16.47	16.59	17.5
10		1	25	16.45	16.61	16.58	17.5
10		1	49	16.61	16.68	16.6	17.5
10		25	0	16.61	16.59	16.6	17.5
10		25	12	16.45	16.57	16.4	17.5
10		25	25	16.36	16.69	16.62	17.5
10		50	0	16.57	16.57	16.65	17.5
10	256QAM	1	0	16.5	16.57	16.6	17.5
10		1	25	16.41	16.68	16.62	17.5
10		1	49	16.65	16.63	16.68	17.5
10		25	0	16.54	16.73	16.57	17.5
10		25	12	16.39	16.48	16.53	17.5
10		25	25	16.59	16.54	16.63	17.5
10		50	0	16.49	16.54	16.68	17.5
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
8	QPSK	1	0	16.64	16.68	16.65	17.5
8		1	12	16.63	16.64	16.66	17.5
8		1	24	16.64	16.58	16.55	17.5
8		12	0	16.52	16.64	16.52	17.5
8		12	7	16.5	16.5	16.38	17.5
8		12	13	16.48	16.45	16.45	17.5
8		25	0	16.27	16.3	16.31	17.5
8	16QAM	1	0	16.48	16.51	16.54	17.5
8		1	12	16.38	16.4	16.55	17.5
8		1	24	16.43	16.35	16.43	17.5
8		12	0	16.64	16.4	16.51	17.5
8		12	7	16.61	16.45	16.72	17.5
8		12	13	16.58	16.53	16.64	17.5
8		25	0	16.46	16.59	16.52	17.5
8	64QAM	1	0	16.45	16.48	16.68	17.5
8		1	12	16.48	16.54	16.59	17.5
8		1	24	16.55	16.55	16.64	17.5
8		12	0	16.68	16.53	16.57	17.5
8		12	7	16.41	16.52	16.48	17.5
8		12	13	16.35	16.71	16.75	17.5
8		25	0	16.37	16.48	16.7	17.5
8	256QAM	1	0	16.52	16.58	16.58	17.5
8		1	12	16.43	16.71	16.65	17.5
8		1	24	16.64	16.7	16.69	17.5
8		12	0	16.49	16.65	16.67	17.5
8		12	7	16.52	16.47	16.55	17.5
8		12	13	16.52	16.48	16.57	17.5
8		25	0	16.44	16.51	16.71	17.5
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.67	16.73	16.67	17.5
3		1	8	16.74	16.55	16.54	17.5
3		1	14	16.53	16.62	16.56	17.5
3		8	0	16.41	16.6	16.49	17.5
3		8	4	16.55	16.59	16.43	17.5
3		8	7	16.4	16.58	16.41	17.5
3		15	0	16.29	16.58	16.21	17.5
3	16QAM	1	0	16.42	16.47	16.44	17.5
3		1	8	16.41	16.48	16.46	17.5
3		1	14	16.43	16.4	16.53	17.5
3		8	0	16.54	16.47	16.52	17.5
3		8	4	16.6	16.3	16.57	17.5
3		8	7	16.44	16.49	16.59	17.5
3		15	0	16.44	16.6	16.53	17.5
3	64QAM	1	0	16.48	16.45	16.63	17.5
3		1	8	16.5	16.61	16.48	17.5
3		1	14	16.5	16.6	16.64	17.5
3		8	0	16.71	16.38	16.54	17.5
3		8	4	16.43	16.6	16.48	17.5
3		8	7	16.39	16.65	16.75	17.5
3		15	0	16.65	16.54	16.66	17.5
3	256QAM	1	0	16.5	16.54	16.49	17.5
3		1	8	16.38	16.71	16.56	17.5
3		1	14	16.64	16.62	16.6	17.5
3		8	0	16.47	16.71	16.55	17.5
3		8	4	16.43	16.59	16.48	17.5
3		8	7	16.55	16.65	16.61	17.5
3		15	0	16.49	16.52	16.64	17.5
Channel				18602	18900	19198	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.65	16.71	16.69	17.5
1.4		1	3	16.62	16.66	16.67	17.5
1.4		1	5	16.61	16.58	16.68	17.5
1.4		3	0	16.47	16.64	16.5	17.5
1.4		3	1	16.55	16.52	16.4	17.5
1.4		3	3	16.43	16.47	16.4	17.5
1.4		6	0	16.23	16.55	16.29	17.5
1.4	16QAM	1	0	16.39	16.42	16.44	17.5
1.4		1	3	16.38	16.45	16.42	17.5
1.4		1	5	16.44	16.42	16.46	17.5
1.4		3	0	16.53	16.43	16.44	17.5
1.4		3	1	16.64	16.4	16.73	17.5
1.4		3	3	16.44	16.54	16.62	17.5
1.4		6	0	16.33	16.62	16.54	17.5
1.4	64QAM	1	0	16.44	16.45	16.63	17.5
1.4		1	3	16.49	16.55	16.54	17.5
1.4		1	5	16.56	16.59	16.59	17.5
1.4		3	0	16.6	16.3	16.53	17.5
1.4		3	1	16.42	16.55	16.44	17.5
1.4		3	3	16.38	16.68	16.65	17.5
1.4		6	0	16.63	16.49	16.59	17.5
1.4	256QAM	1	0	16.5	16.58	16.49	17.5
1.4		1	3	16.39	16.65	16.6	17.5
1.4		1	5	16.37	16.61	16.64	17.5
1.4		3	0	16.51	16.76	16.55	17.5
1.4		3	1	16.39	16.6	16.59	17.5
1.4		3	3	16.62	16.65	16.54	17.5
1.4		6	0	16.48	16.55	16.66	17.5

<LTE Band 4_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.13	17.16	17.16	18
20		1	49	17.09	17.12	17.21	19
20		1	99	17.13	17.13	17.01	18
20		50	0	16.9	17.09	16.95	18
20		50	24	16.99	17.01	16.9	18
20		50	50	16.98	17.07	16.9	18
20		100	0	16.93	16.98	16.87	18
20	16QAM	1	0	16.94	17.02	17	18
20		1	49	16.98	16.85	16.94	18
20		1	99	16.93	16.87	16.97	18
20		50	0	17.07	16.93	16.94	18
20		50	24	17.06	17.02	17.03	18
20		50	50	17	17.04	17.12	18
20		100	0	16.98	17.16	17.06	18
20	64QAM	1	0	17.07	17.08	17.05	18
20		1	49	16.97	17.07	17.16	18
20		1	99	17.07	17.15	17.14	18
20		50	0	17.12	17.16	17.06	18
20		50	24	17.05	17.09	16.9	18
20		50	50	17.03	17.09	17.08	18
20		100	0	17.02	17.13	17.06	18
20	256QAM	1	0	17.01	17.21	16.97	18
20		1	49	16.89	17.16	17.07	18
20		1	99	17.09	17.12	16.96	18
20		50	0	17	17.2	17.09	18
20		50	24	16.93	17.12	17.03	18
20		50	50	16.93	17.09	17.06	18
20		100	0	16.98	17.08	17.11	18
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.01	17.07	17.16	18
15		1	37	17.01	17.09	17.13	18
15		1	74	17.12	17.1	16.98	18
15		36	0	16.9	16.93	16.9	18
15		36	20	16.87	16.93	16.82	18
15		36	39	16.94	16.96	16.91	18
15		75	0	16.79	16.87	16.84	18
15	16QAM	1	0	16.93	16.97	16.85	18
15		1	37	16.85	16.84	16.86	18
15		1	74	16.89	16.77	16.95	18
15		36	0	16.93	16.85	16.91	18
15		36	20	17.01	16.9	16.97	18
15		36	39	16.93	16.95	17	18
15		75	0	16.92	17.08	16.96	18
15	64QAM	1	0	16.95	17.03	17.03	18
15		1	37	16.98	17.11	16	18
15		1	74	16.99	17.1	17.04	18
15		36	0	17.1	17.03	17	18
15		36	20	17.02	16.92	16.92	18
15		36	39	16.99	16.95	17.05	18
15		75	0	16.92	17.12	16.98	18
15	256QAM	1	0	16.96	17.06	16.96	18
15		1	37	16.88	17.05	17.03	18
15		1	74	17.05	16.99	16.88	18
15		36	0	16.91	17.16	17.07	18
15		36	20	16.91	17.01	16.96	18
15		36	39	16.95	16.99	17.03	18
15		75	0	16.91	17.04	17.01	18
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.09	17.1	17.04	18
10		1	25	17.03	17.09	17.2	18
10		1	49	17.11	17.01	16.95	18
10		25	0	16.91	16.95	16.93	18
10		25	12	16.93	16.88	16.79	18
10		25	25	16.96	17.01	16.9	18
10		50	0	16.89	16.97	16.79	18
10	16QAM	1	0	16.91	16.89	16.95	18
10		1	25	16.84	16.73	16.92	18
10		1	49	16.84	16.76	16.85	18
10		25	0	16.95	16.86	16.81	18
10		25	13	16.94	16.91	17.01	18
10		25	25	16.91	16.98	17.02	18
10		50	0	16.88	17.13	16.98	18
10	64QAM	1	0	16.94	17.03	17.01	18
10		1	25	16.85	17.01	17.12	18
10		1	49	16.96	17	17.11	18
10		25	0	17.11	17.01	17.05	18
10		25	12	17	16.92	16.79	18
10		25	25	16.95	16.97	17	18
10		50	0	16.89	17.09	17.07	18
10	256QAM	1	0	16.89	17.13	16.89	18
10		1	25	16.84	17.05	17	18
10		1	49	17.05	16.97	16.83	18
10		25	0	16.89	17.07	17.05	18
10		25	12	16.96	17.1	16.99	18
10		25	25	16.89	17.01	16.99	18
10		50	0	16.83	16.96	16.96	18
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17	17.12	17.04	18
5		1	12	16.95	17	17.13	18
5		1	24	17.11	17.04	17	18
5		12	0	16.87	16.98	16.88	18
5		12	7	16.9	16.96	16.78	18
5		12	13	16.87	16.89	16.76	18
5		25	0	16.81	16.94	16.77	18
5	16QAM	1	0	16.91	16.88	16.96	18
5		1	12	16.92	16.84	16.89	18
5		1	24	16.79	16.85	16.9	18
5		12	0	17.05	16.87	16.85	18
5		12	7	16.94	16.84	16.85	18
5		12	13	16.99	17	17.01	18
5		25	0	16.84	17.1	16.95	18
5	64QAM	1	0	17	17.04	16.96	18
5		1	12	16.88	16.93	17.12	18
5		1	24	16.93	17.1	17	18
5		12	0	17.09	17.11	17.03	18
5		12	7	17.03	16.95	16.78	18
5		12	13	16.99	16.99	17.01	18
5		25	0	16.9	17.04	16.97	18
5	256QAM	1	0	16.92	17.09	16.85	18
5		1	12	16.87	17.13	17.02	18
5		1	24	16.98	16.96	16.91	18
5		12	0	16.98	17.06	16.97	18
5		12	7	16.82	17.1	16.95	18
5		12	13	16.89	17.07	16.96	18
5		25	0	16.92	17.04	16.99	18
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.04	17.04	17.12	18
3		1	8	17.02	17.01	17.1	18
3		1	14	17.09	17.08	16.91	18
3		8	0	16.85	16.92	16.89	18
3		8	4	16.84	16.99	16.91	18
3		8	7	16.9	16.92	16.77	18
3		15	0	16.8	16.9	16.79	18
3	16QAM	1	0	16.84	16.99	16.96	18
3		1	8	16.84	16.84	16.89	18
3		1	14	16.79	16.76	16.92	18
3		8	0	17	16.92	16.92	18
3		8	4	17.04	16.95	16.89	18
3		8	7	16.96	16.93	17.09	18
3		15	0	16.85	17.04	17.03	18
3	64QAM	1	0	16.98	16.96	16.91	18
3		1	8	16.89	17.01	17.01	18
3		1	14	16.97	17.05	17.04	18
3		8	0	16.99	17.02	16.97	18
3		8	4	16.94	17	16.86	18
3		8	7	16.97	17.03	16.97	18
3		15	0	16.96	17.04	16.93	18
3	256QAM	1	0	16.96	17.07	16.84	18
3		1	8	16.86	17.02	17.04	18
3		1	14	16.97	17.05	16.84	18
3		8	0	16.87	17.16	17.04	18
3		8	4	16.81	17.04	16.9	18
3		8	7	16.82	16.97	16.96	18
3		15	0	16.87	17	16.97	18
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.04	17.05	17.09	18
1.4		1	3	17.02	16.99	17.13	18
1.4		1	5	17.09	17.12	16.95	18
1.4		3	0	16.75	17.02	16.86	18
1.4		3	1	16.93	16.99	16.88	18
1.4		3	3	16.91	17.03	16.91	18
1.4		6	0	16.75	16.84	16.75	18
1.4	16QAM	1	0	16.96	16.89	16.98	18
1.4		1	3	16.93	16.83	16.79	18
1.4		1	5	16.81	16.74	16.92	18
1.4		3	0	17.02	16.79	16.88	18
1.4		3	1	16.91	16.96	17	18
1.4		3	3	16.96	16.92	17	18
1.4		6	0	16.93	17.09	17.01	18
1.4	64QAM	1	0	16.98	17.01	17.02	18
1.4		1	3	16.93	17.01	17.05	18
1.4		1	5	16.92	17.12	17.04	18
1.4		3	0	17.04	17.03	17.07	18
1.4		3	1	16.98	17.01	16.89	18
1.4		3	3	16.95	16.93	17.04	18
1.4		6	0	16.99	17.06	16.93	18
1.4	256QAM	1	0	16.94	17.07	16.86	18
1.4		1	3	16.79	17.06	17.06	18
1.4		1	5	16.99	17.02	16.94	18
1.4		3	0	16.88	17.12	17.01	18
1.4		3	1	16.84	17	16.97	18
1.4		3	3	16.79	17.03	17.03	18
1.4		6	0	16.93	16.98	17.02	18

<LTE Band 7_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.71	15.96	16.78	16.5
20		1	49	15.99	15.9	15.76	16.5
20		1	99	16.7	15.83	15.72	16.5
20		50	0	16.72	15.91	16.7	16.5
20		50	24	15.98	15.82	15.66	16.5
20		50	50	15.98	15.79	15.55	16.5
20		100	0	16.01	15.91	15.82	16.5
20	16QAM	1	0	16.47	15.79	16.47	16.5
20		1	49	15.98	15.65	15.69	16.5
20		1	99	16.54	15.93	15.67	16.5
20		50	0	15.98	15.8	16.7	16.5
20		50	24	15.98	15.96	15.83	16.5
20		50	50	15.98	15.76	15.73	16.5
20		100	0	15.97	15.75	15.76	16.5
20	64QAM	1	0	16.7	15.76	15.86	16.5
20		1	49	15.79	15.79	15.75	16.5
20		1	99	15.79	15.85	15.69	16.5
20		50	0	15.78	15.84	15.66	16.5
20		50	24	15.75	15.74	15.49	16.5
20		50	50	15.81	15.86	15.76	16.5
20		100	0	15.66	15.72	15.82	16.5
20	256QAM	1	0	15.82	15.89	15.79	16.5
20		1	49	15.56	15.89	15.63	16.5
20		1	99	16.71	15.7	15.78	16.5
20		50	0	15.74	15.82	15.76	16.5
20		50	24	15.55	15.73	15.61	16.5
20		50	50	15.7	15.75	15.73	16.5
20		100	0	15.51	15.71	15.71	16.5
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.88	15.95	15.88	16.5
15		1	37	15.74	15.85	15.64	16.5
15		1	74	15.83	15.8	15.85	16.5
15		36	0	15.7	15.75	15.68	16.5
15		36	20	15.7	15.51	15.58	16.5
15		36	39	15.59	15.67	15.4	16.5
15		75	0	15.41	15.49	15.5	16.5
15	16QAM	1	0	15.54	15.6	15.62	16.5
15		1	37	15.43	15.51	15.64	16.5
15		1	74	15.43	15.4	15.61	16.5
15		36	0	15.55	15.47	15.65	16.5

<LTE Band 25_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26540	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.76	16.81	16.89	17.5
20		1	49	16.67	16.72	16.82	17.5
20		1	99	16.69	16.62	16.64	17.5
20		50	0	16.46	16.74	16.51	17.5
20		50	24	16.41	16.52	16.49	17.5
20		50	50	16.43	16.55	16.46	17.5
20		100	0	16.38	16.46	16.35	17.5
20	16QAM	1	0	16.44	16.51	16.68	17.5
20		1	49	16.5	16.55	16.51	17.5
20		1	99	16.52	16.5	16.59	17.5
20		50	0	16.54	16.54	16.51	17.5
20		50	24	16.68	16.64	16.7	17.5
20		50	50	16.64	16.66	16.69	17.5
20		100	0	16.61	16.65	16.61	17.5
20	64QAM	1	0	16.55	16.56	16.61	17.5
20		1	49	16.53	16.58	16.61	17.5
20		1	99	16.62	16.72	16.64	17.5
20		50	0	16.59	16.61	16.6	17.5
20		50	24	16.58	16.66	16.61	17.5
20		50	50	16.57	16.76	16.78	17.5
20		100	0	16.59	16.68	16.71	17.5
20	256QAM	1	0	16.67	16.73	16.66	17.5
20		1	49	16.54	16.56	16.64	17.5
20		1	99	16.62	16.73	16.64	17.5
20		50	0	16.58	16.75	16.57	17.5
20		50	24	16.58	16.73	16.59	17.5
20		50	50	16.53	16.74	16.71	17.5
20		100	0	16.53	16.71	16.57	17.5
Channel				26115	26340	26565	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.72	16.83	16.95	17.5
15		1	37	16.62	16.77	16.71	17.5
15		1	74	16.64	16.32	16.68	17.5
15		36	0	16.31	16.73	16.36	17.5
15		36	20	16.46	16.46	16.38	17.5
15		36	39	16.47	16.5	16.32	17.5
15		75	0	16.34	16.45	16.3	17.5
15	16QAM	1	0	16.34	16.41	16.66	17.5
15		1	37	16.47	16.41	16.43	17.5
15		1	74	16.48	16.43	16.52	17.5
15		36	0	16.4	16.51	16.38	17.5
15		36	20	16.54	16.58	16.65	17.5
15		36	39	16.58	16.53	16.64	17.5
15		75	0	16.54	16.54	16.51	17.5
15	64QAM	1	0	16.47	16.54	16.5	17.5
15		1	37	16.4	16.5	16.51	17.5
15		1	74	16.56	16.59	16.52	17.5
15		36	0	16.45	16.46	16.47	17.5
15		36	20	16.55	16.54	16.39	17.5
15		36	39	16.45	16.62	16.64	17.5
15		75	0	16.48	16.62	16.65	17.5
15	256QAM	1	0	16.59	16.65	16.64	17.5
15		1	37	16.48	16.78	16.63	17.5
15		1	74	16.57	16.59	16.54	17.5
15		36	0	16.54	16.62	16.49	17.5
15		36	20	16.52	16.68	16.65	17.5
15		36	39	16.47	16.45	16.65	17.5
15		75	0	16.44	16.66	16.59	17.5
Channel				26090	26340	26590	Tune-up Limit (dBm)
Frequency (MHz)				1850	1880	1910	
10	QPSK	1	0	16.61	16.66	16.54	17.5
10		1	25	16.58	16.65	16.68	17.5
10		1	49	16.56	16.57	16.66	17.5
10		25	0	16.38	16.61	16.39	17.5
10		25	12	16.48	16.38	16.37	17.5
10		25	25	16.49	16.5	16.32	17.5
10		50	0	16.32	16.34	16.21	17.5
10	16QAM	1	0	16.42	16.37	16.59	17.5
10		1	25	16.42	16.49	16.38	17.5
10		1	49	16.42	16.42	16.47	17.5
10		25	0	16.51	16.41	16.39	17.5
10		25	13	16.59	16.61	16.67	17.5
10		25	25	16.6	16.62	16.59	17.5
10		50	0	16.56	16.59	16.5	17.5
10	64QAM	1	0	16.42	16.47	16.47	17.5
10		1	25	16.38	16.59	16.51	17.5
10		1	49	16.48	16.7	16.58	17.5
10		25	0	16.44	16.5	16.58	17.5
10		25	12	16.5	16.33	16.4	17.5
10		25	25	16.47	16.61	16.66	17.5
10		50	0	16.57	16.64	16.6	17.5
10	256QAM	1	0	16.64	16.68	16.62	17.5
10		1	25	16.5	16.74	16.54	17.5
10		1	49	16.63	16.61	16.57	17.5
10		25	0	16.5	16.66	16.54	17.5
10		25	12	16.52	16.65	16.57	17.5
10		25	25	16.58	16.52	16.59	17.5
10		50	0	16.41	16.53	16.49	17.5
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
8	QPSK	1	0	16.72	16.7	16.68	17.5
8		1	12	16.59	16.76	16.69	17.5
8		1	24	16.52	16.58	16.59	17.5
8		12	0	16.37	16.62	16.47	17.5
8		12	7	16.41	16.4	16.48	17.5
8		12	13	16.45	16.49	16.35	17.5
8		25	0	16.3	16.49	16.21	17.5
8	16QAM	1	0	16.42	16.45	16.65	17.5
8		1	12	16.49	16.47	16.38	17.5
8		1	24	16.48	16.43	16.48	17.5
8		12	0	16.49	16.48	16.42	17.5
8		12	7	16.48	16.52	16.66	17.5
8		12	13	16.58	16.52	16.65	17.5
8		25	0	16.49	16.61	16.56	17.5
8	64QAM	1	0	16.49	16.44	16.57	17.5
8		1	12	16.45	16.54	16.51	17.5
8		1	24	16.47	16.63	16.59	17.5
8		12	0	16.45	16.49	16.5	17.5
8		12	7	16.42	16.6	16.47	17.5
8		12	13	16.47	16.73	16.66	17.5
8		25	0	16.49	16.64	16.63	17.5
8	256QAM	1	0	16.56	16.66	16.53	17.5
8		1	12	16.39	16.63	16.57	17.5
8		1	24	16.32	16.62	16.5	17.5
8		12	0	16.47	16.7	16.53	17.5
8		12	7	16.48	16.69	16.66	17.5
8		12	13	16.35	16.5	16.49	17.5
8		25	0	16.38	16.59	16.49	17.5
Channel				26050	26340	26630	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.73	16.65	16.57	17.5
3		1	8	16.65	16.69	16.63	17.5
3		1	14	16.6	16.57	16.66	17.5
3		8	0	16.42	16.68	16.39	17.5
3		8	4	16.41	16.44	16.38	17.5
3		8	7	16.3	16.44	16.32	17.5
3		15	0	16.33	16.42	16.24	17.5
3	16QAM	1	0	16.4	16.38	16.66	17.5
3		1	8	16.38	16.31	16.39	17.5
3		1	14	16.37	16.38	16.53	17.5
3		8	0	16.48	16.5	16.48	17.5
3		8	4	16.58	16.35	16.53	17.5
3		8	7	16.6	16.59	16.65	17.5
3		15	0	16.54	16.56	16.47	17.5
3	64QAM	1	0	16.54	16.54	16.49	17.5
3		1	8	16.38	16.58	16.5	17.5
3		1	14	16.47	16.62	16.62	17.5
3		8	0	16.5	16.53	16.45	17.5
3		8	4	16.46	16.62	16.47	17.5
3		8	7	16.49	16.63	16.72	17.5
3		15	0	16.53	16.62	16.61	17.5
3	256QAM	1	0	16.53	16.64	16.57	17.5
3		1	8	16.45	16.62	16.54	17.5
3		1	14	16.62	16.66	16.55	17.5
3		8	0	16.5	16.73	16.47	17.5
3		8	4	16.51	16.6	16.62	17.5
3		8	7	16.45	16.57	16.53	17.5
3		15	0	16.46	16.66	16.45	17.5
Channel				26047	26340	26633	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.65	16.6	16.6	17.5
1.4		1	3	16.63	16.73	16.75	17.5
1.4		1	5	16.58	16.48	16.67	17.5
1.4		3	0	16.41	16.64	16.43	17.5
1.4		3	1	16.42	16.49	16.42	17.5
1.4		3	3	16.32	16.32	16.33	17.5
1.4		6	0	16.32	16.36	16.25	17.5
1.4	16QAM	1	0	16.42	16.44	16.38	17.5
1.4		1	3	16.37	16.32	16.41	17.5
1.4		1	5	16.41	16.46	16.52	17.5
1.4		3	0	16.5	16.49	16.37	17.5
1.4		3	1	16.64	16.34	16.57	17.5
1.4		3	3	16.57	16.52	16.67	17.5
1.4		6	0	16.58	16.57	16.57	17.5
1.4	64QAM	1	0	16.49	16.47	16.57	17.5
1.4		1	3	16.42	16.58	16.55	17.5
1.4		1	5	16.54	16.69	16.59	17.5
1.4		3	0	16.45	16.52	16.56	17.5
1.4		3	1	16.53	16.58	16.49	17.5
1.4		3	3	16.48	16.62	16.66	17.5
1.4		6	0	16.57	16.63	16.7	17.5
1.4	256QAM	1	0	16.58	16.7	16.51	17.5
1.4		1	3	16.49	16.6	16.51	17.5
1.4		1	5	16.61	16.64	16.57	17.5
1.4		3	0	16.5	16.63	16.46	17.5
1.4		3	1	16.43	16.65	16.62	17.5
1.4		3	3	16.44	16.45	16.54	17.5
1.4		6	0	16.42	16.57	16.49	17.5

<LTE Band 66_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.66	17.16	17.05	18
20		1	49	16.62	16.99	16.96	18
20		1	99	16.94	17.09	16.89	18
20		50	0	16.67	17.04	16.94	18
20		50	24	16.63	16.93	16.88	18
20		50	50	16.81	16.87	16.81	18
20		100	0	16.79	16.8	16.67	18
20	16QAM	1	0	16.94	16.88	16.93	18
20		1	49	16.81	16.82	16.83	18
20		1	99	16.78	16.77	16.89	18
20		50	0	16.91	16.9	16.83	18
20		50	24	16.99	16.95	16.98	18
20		50	50	16.99	16.95	17.02	18
20		100	0	16.87	16.95	16.9	18
20	64QAM	1	0	16.95	16.89	17.04	18
20		1	49	16.87	16.83	16.99	18
20		1	99	16.93	16.99	17.02	18
20		50	0	16.92	16.95	16.97	18
20		50	24	16.95	16.96	16.91	18
20		50	50	16.78	16.97	16.97	18
20		100	0	16.96	17	16.93	18
20	256QAM	1	0	16.94	17.02	16.93	18
20		1	49	16.75	17.1	16.88	18
20		1	99	16.95	16.99	16.96	18
20		50	0	16.91	17.01	16.96	18
20		50	24	16.9	17.02	16.94	18
20		50	50	16.96	16.9	16.92	18
20		100	0	16.91	17	16.88	18
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.9	17.12	16.96	18
15		1	37	16.97	16.96	17.01	18
15		1	74	16.62	16.99	16.79	18
15		36	0	16.79	16.96	16.94	18
15		36	20	16.77	16.91	16.77	18
15		36	39	16.79	16.74	16.66	18
15		75	0	16.69	16.67	16.55	18
15	16QAM	1	0	16.82	16.74	16.83	18
15		1	37	16.77	16.75	16.77	18
15		1	74	16.64	16.74	16.79	18
15		36	0	16.82	16.67	16.72	18
15		36	20	16.66	16.91	16.9	18
15		36	39	16.91	16.74	16.91	18
15		75	0	16.79	16.68	16.8	18
15	64QAM	1	0	16.63	16.81	17.03	18
15		1	37	16.75	16.71	16.85	18
15		1	74	16.82	16.93	16.96	18
15		36	0	16.77	16.9	16.82	18
15		36	20	16.77	16.83	16.86	18
15		36	39	16.63	16.65	16.9	18
15		75	0	16.62	16.88	16.65	18
15	256QAM	1	0	16.82	16.87	16.9	18
15		1	37	16.71	17.03	16.76	18
15		1	74	16.66	16.91	16.93	18
15		36	0	16.89	16.93	16.72	18
15		36	20	16.81	16.96	16.81	18
15		36	39	16.94	16.87	16.88	18
15		75	0	16.94	16.96	16.79	18
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.9	17.08	16.99	18
10		1	25	16.96	16.99	16.97	18
10		1	49	16.62	17.02	16.88	18
10		25	0	16.73	16.99	16.91	18
10		25	12	16.8	16.87	16.79	18
10		25	25	16.62	16.76	16.69	18
10		50	0	16.65	16.73	16.61	18
10	16QAM	1	0	16.8	16.75	16.88	18
10		1	25	16.71	16.68	16.79	18
10		1	49	16.63	16.65	16.96	18
10		25	0	16.8	16.88	16.69	18
10		25	13	16.91	16.93	16.94	18
10		25	25	16.9	16.81	16.96	18
10		50	0	16.86	16.85	16.77	18
10	64QAM	1	0	16.83	16.79	16.94	18
10		1	25	16.81	16.81	16.9	18
10		1	49	16.84	16.98	16.89	18
10		25	0	16.83	16.84	16.84	18
10		25	12	16.78	16.81	16.79	18
10		25	25	16.73	16.92	16.89	18
10		50	0	16.83	16.88	16.87	18
10	256QAM	1	0	16.78	16.88	16.88	18
10		1	25	16.8	17.03	16.91	18
10		1	49	16.9	16.85	16.87	18
10		25	0	16.79	16.98	16.79	18
10		25	12	16.87	16.89	16.88	18
10		25	25	16.82	16.91	16.85	18
10		50	0	16.8	16.95	16.81	18
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.85	17.11	16.94	18
5		1	12	17.02	16.88	17.05	18
5		1	24	16.91	17	16.95	18
5		12	0	16.75	17.01	16.79	18
5		12	7	16.8	16.79	16.83	18
5		12	13	16.77	16.94	16.88	18
5		25	0	16.67	16.76	16.62	18
5	16QAM	1	0	16.75	16.85	16.91	18
5		1	12	16.72	16.7	16.71	18
5		1	24	16.67	16.65	16.74	18
5		12	0	16.9	16.88	16.71	18
5		12	7	16.82	16.8	16.96	18
5		12	13	16.93	16.79	16.96	18
5		25	0	16.73	16.81	16.78	18
5	64QAM	1	0	16.82	16.84	16.91	18
5		1	12	16.83	16.77	16.88	18
5		1	24	16.86	16.98	16.89	18
5		12	0	16.77	16.91	16.93	18
5		12	7	16.78	16.72	16.83	18
5		12	13	16.77	16.85	16.89	18
5		25	0	16.91	16.92	16.91	18
5	256QAM	1	0	16.75	16.88	16.89	18
5		1	12	16.84	16.87	16.76	18
5		1	24	16.91	16.87	16.9	18
5		12	0	16.76	17	16.73	18
5		12	7	16.79	16.88	16.93	18
5		12	13	16.72	16.84	16.9	18
5		25	0	16.77	16.87	16.84	18
Channel				131972	132322	132672	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.88	17.08	16.97	18
3		1	8	16.95	16.9	16.92	18
3		1	14	16.65	16.98	16.77	18
3		8	0	16.73	16.91	16.87	18
3		8	4	16.74	16.79	16.83	18
3		8	7	16.62	16.74	16.77	18
3		15	0	16.77	16.76	16.54	18
3	16QAM	1	0	16.71	16.79	16.91	18
3		1	8	16.75	16.72	16.71	18
3		1	14	16.69	16.65	16.83	18
3		8	0	16.78	16.82	16.91	18
3		8	4	16.68	16.69	16.92	18
3		8	7	16.87	16.74	16.99	18
3		15	0	16.72	16.93	16.62	18
3	64QAM	1	0	16.65	16.75	16.97	18
3		1	8	16.75	16.7	16.95	18
3		1	14	16.84	16.93	16.93	18
3		8	0	16.8	16.9	16.92	18
3		8	4	16.84	16.73	16.79	18
3		8	7	16.68	16.93	16.85	18
3		15	0	16.9	16.89	16.89	18
3	256QAM	1	0	16.75	16.99	16.76	18
3		1	8	16.79	16.79	16.97	18
3		1	14	16.75	16.99	16.76	18
3		8	0	16.9	16.92	16.93	18
3		8	4	16.83	17.01	16.83	18
3		8	7	16.78	16.97	16.9	18
3		15	0	16.75	16.99	16.76	18
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1712.7	1745	1779.3	
1.4	QPSK	1	0	16.92	17.14	16.96	18
1.4		1	3	17	16.95	16.92	18
1.4		1	5	16.94	17.03	16.91	18
1.4		3	0	16.81	16.91	16.86	18
1.4		3	1	16.81	16.9	16.78	18
1.4		3	3	16.69	16.81	16.78	18
1.4		6	0	16.74	16.75	16.64	18
1.4	16QAM	1	0	16.69	16.87	16.83	18
1.4		1	3	16.73	16.79	16.91	18
1.4		1	5	16.65	16.85	16.85	18
1.4		3	0	16.84	16.83	16.77	18
1.4		3	1	16.84	16.88	16.91	18
1.4		3	3	16.85	16.71	16.93	18
1.4		6	0	16.85	16.9	16.88	18
1.4	64QAM	1	0	16.9	16.88	16.9	18
1.4		1	3	16.79	16.7	16.85	18
1.4		1	5	16.89	16.84	16.98	18
1.4		3	0	16.8	16.94	16.93	18
1.4		3	1	16.8	16.77	16.82	18
1.4		3	3	16.87	16.84	16.96	18
1.4		6	0	16.87	16.9	16.9	18
1.4	256QAM	1	0	16.89	16.99	16.92	18
1.4		1	3	16.71	16.99	16.75	18
1.4		1	5	16.9	16.92	16.92	18
1.4		3	0	16.76	16.95	16.91	18
1.4		3	1	16.75	16.92	16.91	18
1.4		3	3	16.84	16.92	16.77	18

<LTE Band 38_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.63	17.81	17.64	18.5
20		1	49	17.46	17.69	17.44	18.5
20		1	99	17.33	17.6	17.36	18.5
20		50	0	17.49	17.77	17.55	18.5
20		50	24	17.29	17.54	17.25	18.5
20		50	50	17.29	17.5	17.3	18.5
20		100	0	17.4	17.61	17.38	18.5
20	16QAM	1	0	17.18	17.48	17.25	18.5
20		1	49	17.06	17.38	17.18	18.5
20		1	99	17.07	17.39	17.11	18.5
20		50	0	17.15	17.47	17.2	18.5
20		50	24	17.25	17.46	17.26	18.5
20		50	50	17.2	17.5	17.2	18.5
20		100	0	17.37	17.58	17.29	18.5
20	64QAM	1	0	17.29	17.55	17.3	18.5
20		1	49	17.23	17.53	17.32	18.5
20		1	99	17.5	17.7	17.45	18.5
20		50	0	17.36	17.67	17.4	18.5
20		50	24	17.42	17.63	17.45	18.5
20		50	50	17.39	17.68	17.47	18.5
20		100	0	17.42	17.64	17.33	18.5
20	256QAM	1	0	17.49	17.73	17.46	18.5
20		1	49	17.47	17.67	17.47	18.5
20		1	99	17.3	17.6	17.38	18.5
20		50	0	17.4	17.65	17.39	18.5
20		50	24	17.35	17.58	17.38	18.5
20		50	50	17.31	17.6	17.35	18.5
20		100	0	17.39	17.61	17.32	18.5
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.54	17.69	17.57	18.5
15		1	37	17.39	17.58	17.33	18.5
15		1	74	17.32	17.46	17.26	18.5
15		36	0	17.37	17.7	17.53	18.5
15		36	20	17.18	17.41	17.12	18.5
15		36	39	17.15	17.37	17.27	18.5
15		75	0	17.36	17.48	17.27	18.5
15	16QAM	1	0	17.12	17.35	17.19	18.5
15		1	37	17.04	17.3	17.1	18.5
15		1	74	16.92	17.28	17.07	18.5
15		36	0	17.03	17.36	17.08	18.5
15		36	20	17.18	17.37	17.17	18.5
15		36	39	17.07	17.42	17.09	18.5
15		75	0	17.22	17.46	17.18	18.5
15	64QAM	1	0	17.18	17.49	17.16	18.5
15		1	37	17.1	17.45	17.27	18.5
15		1	74	17.36	17.56	17.36	18.5
15		36	0	17.22	17.62	17.32	18.5
15		36	20	17.32	17.61	17.31	18.5
15		36	39	17.27	17.61	17.32	18.5
15		75	0	17.33	17.6	17.26	18.5
15	256QAM	1	0	17.48	17.6	17.35	18.5
15		1	37	17.4	17.61	17.33	18.5
15		1	74	17.21	17.56	17.31	18.5
15		36	0	17.28	17.54	17.32	18.5
15		36	20	17.29	17.5	17.31	18.5
15		36	39	17.27	17.52	17.28	18.5
15		75	0	17.33	17.59	17.22	18.5
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.49	17.72	17.53	18.5
10		1	25	17.41	17.61	17.37	18.5
10		1	49	17.21	17.59	17.23	18.5
10		25	0	17.35	17.69	17.44	18.5
10		25	12	17.19	17.52	17.23	18.5
10		25	25	17.2	17.38	17.16	18.5
10		50	0	17.32	17.53	17.3	18.5
10	16QAM	1	0	17.1	17.38	17.15	18.5
10		1	25	17.03	17.31	17.1	18.5
10		1	49	16.96	17.32	16.96	18.5
10		25	0	17.13	17.32	17.15	18.5
10		25	12	17.15	17.39	17.15	18.5
10		25	25	17.16	17.44	17.18	18.5
10		50	0	17.36	17.55	17.18	18.5
10	64QAM	1	0	17.15	17.44	17.15	18.5
10		1	25	17.12	17.46	17.21	18.5
10		1	49	17.42	17.66	17.42	18.5
10		25	0	17.23	17.54	17.35	18.5
10		25	12	17.41	17.49	17.39	18.5
10		25	25	17.29	17.57	17.43	18.5
10		50	0	17.35	17.57	17.26	18.5
10	256QAM	1	0	17.45	17.69	17.44	18.5
10		1	25	17.45	17.64	17.44	18.5
10		1	49	17.22	17.56	17.27	18.5
10		25	0	17.26	17.64	17.33	18.5
10		25	12	17.27	17.56	17.34	18.5
10		25	25	17.17	17.53	17.24	18.5
10		50	0	17.27	17.53	17.21	18.5
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.58	17.7	17.61	18.5
5		1	12	17.32	17.55	17.4	18.5
5		1	24	17.25	17.58	17.29	18.5
5		12	0	17.4	17.69	17.53	18.5
5		12	7	17.16	17.45	17.21	18.5
5		12	13	17.18	17.4	17.16	18.5
5		25	0	17.3	17.49	17.33	18.5
5	16QAM	1	0	17.07	17.41	17.21	18.5
5		1	12	16.95	17.34	17.05	18.5
5		1	24	16.96	17.29	17	18.5
5		12	0	17.06	17.4	17.1	18.5
5		12	7	17.11	17.33	17.15	18.5
5		12	13	17.13	17.47	17.16	18.5
5		25	0	17.32	17.52	17.14	18.5
5	64QAM	1	0	17.19	17.47	17.19	18.5
5		1	12	17.12	17.4	17.24	18.5
5		1	24	17.41	17.66	17.3	18.5
5		12	0	17.25	17.6	17.37	18.5
5		12	7	17.3	17.5	17.31	18.5
5		12	13	17.26	17.65	17.43	18.5
5		25	0	17.37	17.5	17.27	18.5
5	256QAM	1	0	17.41	17.6	17.36	18.5
5		1	12	17.45	17.54	17.46	18.5
5		1	24	17.26	17.46	17.36	18.5
5		12	0	17.33	17.61	17.32	18.5
5		12	7	17.3	17.51	17.35	18.5
5		12	13	17.3	17.5	17.33	18.5
5		25	0	17.37	17.47	17.3	18.5

<LTE Band 41_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.16	18.17	18.28	18.24	18.21	18.7
20		1	49	17.98	18.09	18.24	18.07	18.05	18.7
20		1	99	17.97	18.04	18.19	18.14	18.1	18.7
20		50	0	18.04	18.02	18.18	18	18.08	18.7
20		50	24	17.87	17.87	18.08	17.89	17.88	18.7
20		50	50	17.97	17.85	18.1	17.95	17.89	18.7
20		100	0	17.96	17.85	18.1	18.04	18.01	18.7
20	16QAM	1	0	17.92	17.93	18.06	17.88	17.98	18.7
20		1	49	17.77	17.76	17.92	17.75	17.81	18.7
20		1	99	17.84	17.79	17.98	17.8	17.8	18.7
20		50	0	17.8	17.9	18.05	17.98	17.85	18.7
20		50	24	17.8	17.87	18.01	17.89	17.9	18.7
20		50	50	17.74	17.84	18	17.91	17.82	18.7
20		100	0	17.99	17.93	18.14	18.02	17.98	18.7
20	64QAM	1	0	17.83	17.81	18.01	17.84	17.89	18.7
20		1	49	17.81	17.86	18	17.91	17.89	18.7
20		1	99	17.89	17.97	18.12	18	18.01	18.7
20		50	0	18.04	17.98	18.19	18.11	17.98	18.7
20		50	24	17.85	17.94	18.1	17.93	17.96	18.7
20		50	50	17.99	17.97	18.12	17.94	18.02	18.7
20		100	0	17.9	18.01	18.16	18.1	17.98	18.7
20	256QAM	1	0	17.96	17.97	18.19	18.11	18.06	18.7
20		1	49	18.08	18.12	18.28	18.2	18.11	18.7
20		1	99	17.91	17.84	18.07	17.91	17.95	18.7
20		50	0	18.03	18.04	18.2	18.14	18.06	18.7
20		50	24	17.91	18.02	18.15	17.97	18.07	18.7
20		50	50	17.87	17.86	18.08	17.97	17.95	18.7
20		100	0	17.9	18.01	18.17	18.06	18.01	18.7
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.14	18.08	18.14	18.15	18.12	18.7
15		1	37	17.87	18	18.19	18.03	17.96	18.7
15		1	74	17.86	17.9	18.14	18.01	18.06	18.7
15		36	0	17.9	17.91	18.16	17.99	18.01	18.7
15		36	20	17.76	17.76	18.01	17.83	17.79	18.7
15		36	39	17.95	17.79	18.07	17.87	17.76	18.7
15		75	0	17.91	17.77	17.96	18.01	17.95	18.7
15	16QAM	1	0	17.8	17.88	17.93	17.82	17.84	18.7
15		1	37	17.7	17.65	17.88	17.67	17.74	18.7
15		1	74	17.75	17.73	17.85	17.73	17.72	18.7
15		36	0	17.7	17.75	17.93	17.87	17.72	18.7
15		36	20	17.7	17.81	17.99	17.79	17.85	18.7
15		36	39	17.6	17.71	17.93	17.86	17.7	18.7
15		75	0	17.88	17.88	18.01	18	17.88	18.7
15	64QAM	1	0	17.7	17.74	17.96	17.77	17.76	18.7
15		1	37	17.68	17.79	17.95	17.88	17.77	18.7
15		1	74	17.86	17.94	18.03	17.98	17.97	18.7
15		36	0	18	17.85	18.16	18.09	17.94	18.7
15		36	20	17.77	17.85	18.06	17.83	17.83	18.7
15		36	39	17.94	17.89	18.03	17.79	17.99	18.7
15		75	0	17.84	17.95	18.11	17.97	17.88	18.7
15	256QAM	1	0	17.91	17.83	18.11	17.97	18.04	18.7
15		1	37	18.01	18.08	18.22	18.13	18.06	18.7
15		1	74	17.85	17.8	17.97	17.88	17.81	18.7
15		36	0	17.95	17.93	18.09	18.08	17.96	18.7
15		36	20	17.78	17.92	18.06	17.9	17.94	18.7
15		36	39	17.83	17.8	17.98	17.9	17.89	18.7
15		75	0	17.82	17.99	18.08	17.98	17.96	18.7
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.06	18.05	18.24	18.22	18.19	18.7
10		1	25	17.86	18.03	18.11	17.95	18.01	18.7
10		1	49	17.84	17.98	18.09	18.03	18.01	18.7
10		25	0	17.93	17.96	18.04	17.96	17.95	18.7
10		25	12	17.77	17.83	18.02	17.77	17.78	18.7
10		25	25	17.89	17.77	18	17.87	17.76	18.7
10		50	0	17.92	17.71	17.96	17.97	17.97	18.7
10	16QAM	1	0	17.86	17.82	17.99	17.87	17.91	18.7
10		1	25	17.63	17.69	17.84	17.66	17.78	18.7
10		1	49	17.69	17.67	17.9	17.71	17.77	18.7
10		25	0	17.66	17.84	18.01	17.97	17.78	18.7
10		25	12	17.72	17.77	17.93	17.85	17.83	18.7
10		25	25	17.62	17.73	17.97	17.89	17.75	18.7
10		50	0	17.97	17.91	18.05	17.93	17.84	18.7
10	64QAM	1	0	17.76	17.69	17.89	17.78	17.8	18.7
10		1	25	17.77	17.8	17.94	17.82	17.83	18.7
10		1	49	17.78	17.89	18.02	17.94	17.93	18.7
10		25	0	18.01	17.95	18.12	18.1	17.92	18.7
10		25	12	17.79	17.8	18.05	17.82	17.83	18.7
10		25	25	17.91	17.93	18.01	17.83	17.97	18.7
10		50	0	17.84	17.99	18.09	17.98	17.84	18.7
10	256QAM	1	0	17.86	17.88	18.06	18	17.93	18.7
10		1	25	18	18.08	18.25	18.13	18.03	18.7
10		1	49	17.84	17.77	17.95	17.85	17.82	18.7
10		25	0	17.98	18	18.18	18.01	18.02	18.7
10		25	12	17.85	17.88	18.11	17.9	17.97	18.7
10		25	25	17.79	17.75	17.97	17.92	17.88	18.7
10		50	0	17.8	17.93	18.02	18.04	17.95	18.7
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.03	18.05	18.2	18.18	18.18	18.7
5		1	12	17.88	18.07	18.17	18	18	18.7
5		1	24	17.88	17.89	18.1	18.03	17.98	18.7
5		12	0	17.98	17.89	18.04	17.94	17.98	18.7
5		12	7	17.78	17.76	17.99	17.79	17.78	18.7
5		12	13	17.91	17.81	18.04	17.93	17.76	18.7
5		25	0	17.81	17.71	17.96	18.01	17.93	18.7
5	16QAM	1	0	17.77	17.9	18.04	17.74	17.83	18.7
5		1	12	17.65	17.63	17.88	17.71	17.67	18.7
5		1	24	17.69	17.75	17.85	17.68	17.75	18.7
5		12	0	17.71	17.78	17.98	17.93	17.81	18.7
5		12	7	17.71	17.85	17.93	17.76	17.77	18.7
5		12	13	17.72	17.83	17.9	17.82	17.78	18.7
5		25	0	17.86	17.85	18.09	17.88	17.83	18.7
5	64QAM	1	0	17.68	17.75	17.87	17.78	17.75	18.7
5		1	12	17.78	17.83	17.96	17.86	17.76	18.7
5		1	24	17.83	17.93	18.01	17.96	17.94	18.7
5		12	0	18.01	17.89	18.12	18.05	17.93	18.7
5		12	7	17.73	17.85	18.06	17.86	17.9	18.7
5		12	13	17.9	17.88	18.04	17.87	17.92	18.7
5		25	0	17.76	17.97	18.04	18.07	17.9	18.7
5	256QAM	1	0	17.93	17.88	18.11	17.97	17.95	18.7
5		1	12	18.03	18.06	18.15	18.09	17.97	18.7
5		1	24	17.84	17.74	18.03	17.82	17.87	18.7
5		12	0	17.91	17.9	18.16	18.03	17.99	18.7
5		12	7	17.77	17.9	18.06	17.9	17.97	18.7
5		12	13	17.77	17.82	17.96	17.82	17.84	18.7
5		25	0	17.82	17.99	18.04	17.96	17.94	18.7

<LTE Band 42 (27Q)_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.5	18.53	18.39	19.2
20		1	49	18.43	18.5	18.31	19.2
20		1	99	18.45	18.44	18.34	19.2
20		50	0	18.37	18.42	18.32	19.2
20		50	24	18.22	18.24	18.08	19.2
20		50	50	18.18	18.28	18.16	19.2
20		100	0	18.21	18.31	18.17	19.2
20	16QAM	1	0	18.17	18.27	18.08	19.2
20		1	49	18.11	18.17	18.05	19.2
20		1	99	18.24	18.24	18.09	19.2
20		50	0	18.18	18.22	18.02	19.2
20		50	24	18.16	18.23	18.05	19.2
20		50	50	18.23	18.3	18.1	19.2
20		100	0	18.35	18.36	18.24	19.2
20	64QAM	1	0	18.12	18.23	18.05	19.2
20		1	49	18.33	18.34	18.18	19.2
20		1	99	18.35	18.43	18.3	19.2
20		50	0	18.28	18.39	18.2	19.2
20		50	24	18.2	18.27	18.14	19.2
20		50	50	18.33	18.38	18.26	19.2
20		100	0	18.28	18.3	18.09	19.2
20	256QAM	1	0	18.31	18.4	18.23	19.2
20		1	49	18.41	18.51	18.3	19.2
20		1	99	18.22	18.33	18.2	19.2
20		50	0	18.28	18.38	18.16	19.2
20		50	24	18.31	18.32	18.18	19.2
20		50	50	18.29	18.36	18.13	19.2
20		100	0	18.26	18.37	18.26	19.2
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.41	18.4	18.37	19.2
15		1	37	18.51	18.4	18.28	19.2
15		1	74	18.41	18.29	18.32	19.2
15		36	0	18.26	18.28	18.22	19.2
15		36	20	18.15	18.17	17.99	19.2
15		36	39	18.06	18.13	18.07	19.2
15		75	0	18.14	18.29	18.04	19.2
15	16QAM	1	0	18.13	18.13	17.96	19.2
15		1	37	17.99	18.08	17.98	19.2
15		1	74	18.21	18.12	18.06	19.2
15		36	0	18.15	18.19	17.91	19.2
15		36	20	18.11	18.1	18.02	19.2
15		36	39	18.18	18.19	17.96	19.2
15		75	0	18.24	18.22	18.2	19.2
15	64QAM	1	0	18.08	18.15	17.98	19.2
15		1	37	18.21	18.25	18.05	19.2
15		1	74	18.33	18.31	18.28	19.2
15		36	0	18.26	18.25	18.13	19.2
15		36	20	18.17	18.15	18.06	19.2
15		36	39	18.31	18.3	18.21	19.2
15		75	0	18.23	18.28	17.98	19.2
15	256QAM	1	0	18.27	18.37	18.19	19.2
15		1	37	18.35	18.4	18.24	19.2
15		1	74	18.08	18.31	18.13	19.2
15		36	0	18.13	18.23	18.05	19.2
15		36	20	18.2	18.19	18.11	19.2
15		36	39	18.15	18.23	18.12	19.2
15		75	0	18.15	18.33	18.14	19.2
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.38	18.37	18.27	19.2
10		1	25	18.46	18.44	18.26	19.2
10		1	49	18.36	18.37	18.24	19.2
10		25	0	18.31	18.35	18.26	19.2
10		25	12	18.12	18.13	18.07	19.2
10		25	25	18.08	18.23	18.02	19.2
10		50	0	18.12	18.27	18.09	19.2
10	16QAM	1	0	18.15	18.25	17.96	19.2
10		1	25	18.09	18.13	17.92	19.2
10		1	49	18.1	18.17	18.05	19.2
10		25	0	18.12	18.2	17.92	19.2
10		25	12	18.08	18.16	17.96	19.2
10		25	25	18.18	18.19	18.05	19.2
10		50	0	18.29	18.25	18.17	19.2
10	64QAM	1	0	17.98	18.18	18	19.2
10		1	25	18.27	18.24	18.17	19.2
10		1	49	18.27	18.39	18.17	19.2
10		25	0	18.15	18.33	18.16	19.2
10		25	12	18.09	18.17	18.05	19.2
10		25	25	18.26	18.25	18.13	19.2
10		50	0	18.19	18.18	18	19.2
10	256QAM	1	0	18.29	18.33	18.19	19.2
10		1	25	18.27	18.37	18.24	19.2
10		1	49	18.1	18.23	18.15	19.2
10		25	0	18.24	18.25	18.08	19.2
10		25	12	18.27	18.23	18.16	19.2
10		25	25	18.18	18.27	18.11	19.2
10		50	0	18.19	18.34	18.22	19.2
Channel				42115	42590	43065	
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.38	18.37	18.35	19.2
5		1	12	18.45	18.46	18.24	19.2
5		1	24	18.33	18.35	18.24	19.2
5		12	0	18.35	18.38	18.2	19.2
5		12	7	18.19	18.19	17.95	19.2
5		12	13	18.12	18.18	18.07	19.2
5		25	0	18.14	18.28	18.03	19.2
5	16QAM	1	0	18.15	18.25	18.02	19.2
5		1	12	18	18.06	17.99	19.2
5		1	24	18.22	18.12	18.04	19.2
5		12	0	18.06	18.13	17.9	19.2
5		12	7	18.08	18.21	17.99	19.2
5		12	13	18.22	18.28	18.06	19.2
5		25	0	18.33	18.29	18.13	19.2
5	64QAM	1	0	17.99	18.14	17.92	19.2
5		1	12	18.24	18.21	18.1	19.2
5		1	24	18.25	18.41	18.17	19.2
5		12	0	18.13	18.25	18.18	19.2
5		12	7	18.05	18.21	18.03	19.2
5		12	13	18.19	18.27	18.22	19.2
5		25	0	18.17	18.29	18.01	19.2
5	256QAM	1	0	18.24	18.38	18.19	19.2
5		1	12	18.39	18.44	18.16	19.2
5		1	24	18.13	18.27	18.06	19.2
5		12	0	18.24	18.23	18.1	19.2
5		12	7	18.26	18.26	18.09	19.2
5		12	13	18.21	18.34	18.03	19.2
5		25	0	18.22	18.36	18.13	19.2

<LTE Band 48_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.61	17.64	17.77	17.7	17.65	18.6
20		1	49	17.38	17.41	17.63	17.45	17.44	18.6
20		1	99	17.33	17.29	17.55	17.42	17.35	18.6
20		50	0	17.43	17.4	17.65	17.5	17.43	18.6
20		50	24	17.3	17.32	17.55	17.41	17.3	18.6
20		50	50	17.22	17.3	17.49	17.39	17.27	18.6
20		100	0	17.3	17.37	17.61	17.42	17.42	18.6
20	16QAM	1	0	17.21	17.25	17.42	17.33	17.29	18.6
20		1	49	17.16	17.2	17.41	17.3	17.27	18.6
20		1	99	17.06	17.18	17.36	17.19	17.23	18.6
20		50	0	17.16	17.21	17.46	17.37	17.27	18.6
20		50	24	17.3	17.25	17.51	17.4	17.38	18.6
20		50	50	17.32	17.22	17.49	17.36	17.24	18.6
20		100	0	17.44	17.45	17.65	17.52	17.43	18.6
20	64QAM	1	0	17.32	17.26	17.53	17.39	17.29	18.6
20		1	49	17.22	17.27	17.46	17.31	17.29	18.6
20		1	99	17.44	17.41	17.63	17.49	17.44	18.6
20		50	0	17.35	17.37	17.62	17.48	17.45	18.6
20		50	24	17.34	17.44	17.58	17.41	17.41	18.6
20		50	50	17.41	17.49	17.64	17.45	17.48	18.6
20		100	0	17.41	17.41	17.64	17.53	17.47	18.6
20	256QAM	1	0	17.52	17.54	17.69	17.51	17.54	18.6
20		1	49	17.39	17.43	17.68	17.57	17.49	18.6
20		1	99	17.44	17.41	17.61	17.5	17.39	18.6
20		50	0	17.35	17.4	17.64	17.55	17.4	18.6
20		50	24	17.36	17.33	17.59	17.38	17.44	18.6
20		50	50	17.3	17.35	17.52	17.37	17.34	18.6
20		100	0	17.41	17.42	17.62	17.48	17.42	18.6
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.47	17.6	17.71	17.58	17.55	18.6
15		1	37	17.28	17.35	17.62	17.31	17.35	18.6
15		1	74	17.25	17.23	17.44	17.4	17.25	18.6
15		36	0	17.34	17.31	17.57	17.44	17.39	18.6
15		36	20	17.18	17.18	17.5	17.35	17.16	18.6
15		36	39	17.19	17.25	17.44	17.32	17.19	18.6
15		75	0	17.27	17.26	17.57	17.33	17.39	18.6
15	16QAM	1	0	17.18	17.21	17.35	17.19	17.16	18.6
15		1	37	17.1	17.14	17.33	17.27	17.22	18.6
15		1	74	17.05	17.07	17.32	17.05	17.2	18.6
15		36	0	17.11	17.11	17.45	17.29	17.26	18.6
15		36	20	17.19	17.19	17.5	17.39	17.28	18.6
15		36	39	17.25	17.12	17.46	17.27	17.13	18.6
15		75	0	17.36	17.42	17.63	17.37	17.39	18.6
15	64QAM	1	0	17.31	17.16	17.5	17.29	17.2	18.6
15		1	37	17.17	17.22	17.4	17.21	17.15	18.6
15		1	74	17.32	17.33	17.54	17.4	17.42	18.6
15		36	0	17.27	17.27	17.54	17.39	17.32	18.6
15		36	20	17.28	17.36	17.48	17.36	17.37	18.6
15		36	39	17.3	17.37	17.54	17.43	17.4	18.6
15		75	0	17.36	17.28	17.58	17.48	17.34	18.6
15	256QAM	1	0	17.4	17.46	17.62	17.5	17.52	18.6
15		1	37	17.37	17.42	17.65	17.42	17.38	18.6
15		1	74	17.41	17.28	17.51	17.48	17.35	18.6
15		36	0	17.31	17.35	17.54	17.51	17.3	18.6
15		36	20	17.21	17.24	17.58	17.34	17.41	18.6
15		36	39	17.17	17.27	17.42	17.25	17.29	18.6
15		75	0	17.36	17.32	17.6	17.45	17.28	18.6
Channel				55290	55815	55990	56165	56690	
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.48	17.53	17.62	17.58	17.59	18.6
10		1	25	17.33	17.37	17.56	17.37	17.36	18.6
10		1	49	17.28	17.15	17.42	17.27	17.22	18.6
10		25	0	17.32	17.32	17.53	17.44	17.4	18.6
10		25	12	17.26	17.18	17.49	17.33	17.25	18.6
10		25	25	17.17	17.2	17.35	17.28	17.22	18.6
10		50	0	17.25	17.29	17.58	17.4	17.27	18.6
10	16QAM	1	0	17.13	17.22	17.36	17.31	17.28	18.6
10		1	25	17.04	17.19	17.4	17.16	17.19	18.6
10		1	49	16.98	17.15	17.24	17.1	17.15	18.6
10		25	0	17.09	17.2	17.43	17.25	17.25	18.6
10		25	12	17.18	17.17	17.45	17.29	17.28	18.6
10		25	25	17.19	17.18	17.36	17.22	17.15	18.6
10		50	0	17.34	17.42	17.53	17.46	17.36	18.6
10	64QAM	1	0	17.21	17.15	17.52	17.31	17.28	18.6
10		1	25	17.18	17.26	17.43	17.23	17.19	18.6
10		1	49	17.37	17.36	17.52	17.43	17.34	18.6
10		25	0	17.25	17.31	17.54	17.39	17.38	18.6
10		25	12	17.31	17.4	17.49	17.32	17.39	18.6
10		25	25	17.29	17.46	17.58	17.42	17.45	18.6
10		50	0	17.34	17.34	17.61	17.38	17.38	18.6
10	256QAM	1	0	17.48	17.42	17.68	17.37	17.39	18.6
10		1	25	17.29	17.41	17.53	17.54	17.38	18.6
10		1	49	17.33	17.35	17.57	17.41	17.27	18.6
10		25	0	17.27	17.37	17.6	17.48	17.39	18.6
10		25	12	17.26	17.29	17.55	17.35	17.33	18.6
10		25	25	17.19	17.3	17.37	17.3	17.31	18.6
10		50	0	17.35	17.28	17.56	17.4	17.34	18.6
Channel				55265	55810	55990	56170	56715	
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.49	17.52	17.65	17.59	17.62	18.6
5		1	12	17.36	17.3	17.53	17.32	17.33	18.6
5		1	24	17.3	17.21	17.47	17.38	17.28	18.6
5		12	0	17.41	17.31	17.6	17.36	17.35	18.6
5		12	7	17.17	17.17	17.42	17.3	17.23	18.6
5		12	13	17.17	17.19	17.35	17.35	17.12	18.6
5		25	0	17.17	17.31	17.49	17.27	17.35	18.6
5	16QAM	1	0	17.13	17.14	17.32	17.27	17.17	18.6
5		1	12	17.04	17.11	17.28	17.19	17.12	18.6
5		1	24	16.96	17.11	17.33	17.11	17.09	18.6
5		12	0	17.11	17.08	17.43	17.29	17.25	18.6
5		12	7	17.24	17.13	17.45	17.37	17.25	18.6
5		12	13	17.22	17.09	17.45	17.3	17.16	18.6
5		25	0	17.42	17.42	17.58	17.48	17.37	18.6
5	64QAM	1	0	17.19	17.23	17.38	17.25	17.16	18.6
5		1	12	17.14	17.18	17.35	17.29	17.26	18.6
5		1	24	17.33	17.39	17.59	17.47	17.38	18.6
5		12	0	17.23	17.23	17.57	17.42	17.37	18.6
5		12	7	17.33	17.41	17.52	17.26	17.3	18.6
5		12	13	17.31	17.46	17.57	17.31	17.36	18.6
5		25	0	17.28	17.3	17.6	17.49	17.43	18.6
5	256QAM	1	0	17.4	17.52	17.67	17.41	17.43	18.6
5		1	12	17.34	17.41	17.57	17.55	17.43	18.6
5		1	24	17.32	17.3	17.46	17.41	17.29	18.6
5		12	0	17.32	17.37	17.61	17.44	17.38	18.6
5		12	7	17.24	17.3	17.5	17.27	17.32	18.6
5		12	13	17.17	17.28	17.38	17.27	17.19	18.6
5		25	0	17.38	17.36	17.58	17.45	17.31	18.6

<LTE Band 4_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.5	18.56	18.53	19.7
20		1	49	18.52	18.52	18.42	19.7
20		1	99	18.48	18.41	18.45	19.7
20		50	0	18.26	18.46	18.41	19.7
20		50	24	18.31	18.41	18.27	19.7
20		50	50	18.3	18.39	18.3	19.7
20		100	0	18.16	18.29	18.22	19.7
20	16QAM	1	0	18.33	18.25	18.3	19.7
20		1	49	18.31	18.19	18.4	19.7
20		1	99	18.21	18.17	18.36	19.7
20		50	0	18.35	18.28	18.29	19.7
20		50	24	18.36	18.33	18.52	19.7
20		50	50	18.48	18.33	18.32	19.7
20		100	0	18.3	18.48	18.47	19.7
20	64QAM	1	0	18.3	18.39	18.42	19.7
20		1	49	18.28	18.41	18.49	19.7
20		1	99	18.35	18.47	18.45	19.7
20		50	0	18.43	18.48	18.4	19.7
20		50	24	18.35	18.32	18.38	19.7
20		50	50	18.28	18.51	18.5	19.7
20		100	0	18.41	18.41	18.42	19.7
20	256QAM	1	0	18.35	18.5	18.32	19.7
20		1	49	18.18	18.47	18.37	19.7
20		1	99	18.39	18.41	18.36	19.7
20		50	0	18.33	18.47	18.4	19.7
20		50	24	18.22	18.36	18.41	19.7
20		50	50	18.41	18.42	18.46	19.7
20		100	0	18.26	18.4	18.34	19.7
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.4	18.46	18.45	19.7
15		1	37	18.42	18.38	18.31	19.7
15		1	74	18.42	18.27	18.44	19.7
15		36	0	18.18	18.39	18.34	19.7
15		36	20	18.29	18.38	18.21	19.7
15		36	39	18.19	18.37	18.23	19.7
15		75	0	18.09	18.14	18.09	19.7
15	16QAM	1	0	18.19	18.16	18.19	19.7
15		1	37	18.2	18.16	18.27	19.7
15		1	74	18.12	18.05	18.15	19.7
15		36	0	18.3	18.22	18.23	19.7
15		36	20	18.32	18.23	18.44	19.7
15		36	39	18.38	18.24	18.18	19.7
15		75	0	18.24	18.37	18.38	19.7
15	64QAM	1	0	18.27	18.34	18.3	19.7
15		1	37	18.23	18.32	18.36	19.7
15		1	74	18.27	18.33	18.33	19.7
15		36	0	18.3	18.43	18.27	19.7
15		36	20	18.2	18.2	18.25	19.7
15		36	39	18.18	18.42	18.43	19.7
15		75	0	18.34	18.26	18.3	19.7
15	256QAM	1	0	18.23	18.4	18.18	19.7
15		1	37	18.16	18.44	18.34	19.7
15		1	74	18.36	18.27	18.29	19.7
15		36	0	18.25	18.34	18.28	19.7
15		36	20	18.18	18.29	18.3	19.7
15		36	39	18.37	18.38	18.39	19.7
15		75	0	18.2	18.35	18.21	19.7
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.42	18.39	18.5	19.7
10		1	25	18.45	18.46	18.39	19.7
10		1	49	18.4	18.28	18.33	19.7
10		25	0	18.27	18.41	18.39	19.7
10		25	12	18.27	18.29	18.22	19.7
10		25	25	18.24	18.35	18.23	19.7
10		50	0	18.06	18.15	18.09	19.7
10	16QAM	1	0	18.28	18.11	18.28	19.7
10		1	25	18.05	18.08	18.34	19.7
10		1	49	18.19	18.16	18.2	19.7
10		25	0	18.23	18.14	18.21	19.7
10		25	12	18.26	18.2	18.4	19.7
10		25	25	18.39	18.25	18.29	19.7
10		50	0	18.27	18.43	18.37	19.7
10	64QAM	1	0	18.2	18.37	18.37	19.7
10		1	25	18.16	18.33	18.43	19.7
10		1	49	18.24	18.34	18.32	19.7
10		25	0	18.3	18.34	18.34	19.7
10		25	12	18.28	18.27	18.34	19.7
10		25	25	18.2	18.41	18.4	19.7
10		50	0	18.36	18.37	18.31	19.7
10	256QAM	1	0	18.24	18.36	18.28	19.7
10		1	25	18.06	18.45	18.35	19.7
10		1	49	18.36	18.39	18.25	19.7
10		25	0	18.16	18.39	18.35	19.7
10		25	12	18.16	18.32	18.28	19.7
10		25	25	18.31	18.39	18.35	19.7
10		50	0	18.23	18.37	18.2	19.7
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.41	18.5	18.38	19.7
5		1	12	18.48	18.44	18.37	19.7
5		1	24	18.36	18.32	18.34	19.7
5		12	0	18.21	18.45	18.39	19.7
5		12	7	18.27	18.35	18.24	19.7
5		12	13	18.18	18.35	18.21	19.7
5		25	0	18.06	18.15	18.15	19.7
5	16QAM	1	0	18.24	18.13	18.19	19.7
5		1	12	18.19	18.14	18.27	19.7
5		1	24	18.1	18.04	18.22	19.7
5		12	0	18.33	18.26	18.17	19.7
5		12	7	18.22	18.24	18.41	19.7
5		12	13	18.48	18.25	18.31	19.7
5		25	0	18.15	18.43	18.36	19.7
5	64QAM	1	0	18.24	18.29	18.33	19.7
5		1	12	18.13	18.33	18.43	19.7
5		1	24	18.31	18.38	18.41	19.7
5		12	0	18.39	18.34	18.27	19.7
5		12	7	18.3	18.17	18.23	19.7
5		12	13	18.25	18.41	18.4	19.7
5		25	0	18.35	18.27	18.35	19.7
5	256QAM	1	0	18.32	18.45	18.24	19.7
5		1	12	18.07	18.38	18.5	19.7
5		1	24	18.29	18.29	18.3	19.7
5		12	0	18.24	18.35	18.33	19.7
5		12	7	18.1	18.35	18.35	19.7
5		12	13	18.27	18.33	18.39	19.7
5		25	0	18.17	18.27	18.32	19.7
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.49	18.48	18.45	19.7
3		1	8	18.47	18.46	18.39	19.7
3		1	14	18.39	18.37	18.39	19.7
3		8	0	18.27	18.38	18.39	19.7
3		8	4	18.2	18.32	18.23	19.7
3		8	7	18.18	18.32	18.26	19.7
3		15	0	18.14	18.23	18.15	19.7
3	16QAM	1	0	18.22	18.15	18.28	19.7
3		1	8	18.27	18.09	18.35	19.7
3		1	14	18.17	18.04	18.14	19.7
3		8	0	18.24	18.26	18.17	19.7
3		8	4	18.34	18.22	18.48	19.7
3		8	7	18.42	18.31	18.3	19.7
3		15	0	18.17	18.41	18.36	19.7
3	64QAM	1	0	18.27	18.31	18.33	19.7
3		1	8	18.22	18.3	18.45	19.7
3		1	14	18.22	18.42	18.34	19.7
3		8	0	18.3	18.4	18.37	19.7
3		8	4	18.23	18.26	18.34	19.7
3		8	7	18.21	18.42	18.42	19.7
3		15	0	18.39	18.29	18.31	19.7
3	256QAM	1	0	18.27	18.4	18.2	19.7
3		1	8	18.14	18.46	18.3	19.7
3		1	14	18.27	18.33	18.32	19.7
3		8	0	18.23	18.37	18.28	19.7
3		8	4	18.2	18.29	18.38	19.7
3		8	7	18.32	18.34	18.43	19.7
3		15	0	18.21	18.27	18.3	19.7
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.44	18.49	18.46	19.7
1.4		1	3	18.48	18.42	18.3	19.7
1.4		1	5	18.38	18.29	18.33	19.7
1.4		3	0	18.28	18.38	18.38	19.7
1.4		3	1	18.28	18.38	18.14	19.7
1.4		3	3	18.21	18.29	18.24	19.7
1.4		6	0	18.06	18.15	18.13	19.7
1.4	16QAM	1	0	18.25	18.23	18.17	19.7
1.4		1	3	18.23	18.12	18.27	19.7
1.4		1	5	18.13	18.09	18.15	19.7
1.4		3	0	18.28	18.26	18.15	19.7
1.4		3	1	18.26	18.21	18.41	19.7
1.4		3	3	18.48	18.26	18.29	19.7
1.4		6	0	18.17	18.41	18.46	19.7
1.4	64QAM	1	0	18.28	18.31	18.32	19.7
1.4		1	3	18.15	18.32	18.35	19.7
1.4		1	5	18.21	18.45	18.37	19.7
1.4		3	0	18.34	18.44	18.26	19.7
1.4		3	1	18.33	18.3	18.34	19.7
1.4		3	3	18.23	18.42	18.37	19.7
1.4		6	0	18.28	18.39	18.29	19.7
1.4	256QAM	1	0	18.32	18.47	18.19	19.7
1.4		1	3	18.05	18.43	18.29	19.7
1.4		1	5	18.32	18.39	18.27	19.7
1.4		3	0	18.15	18.46	18.34	19.7
1.4		3	1	18.09	18.35	18.27	19.7
1.4		3	3	18.39	18.34	18.39	19.7
1.4		6	0	18.16	18.35	18.22	19.7

<LTE Band 7_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.28	19.49	19.44	20.7
20		1	49	19.21	19.46	19.34	20.7
20		1	99	19.23	19.36	19.4	20.7
20		50	0	19.26	19.39	19.3	20.7
20		50	24	19.11	19.22	19.19	20.7
20		50	50	19.16	19.29	19.24	20.7
20		100	0	19.14	19.23	19.05	20.7
20	16QAM	1	0	19.19	19.24	19.35	20.7
20		1	49	19.26	19.12	19.17	20.7
20		1	99	19.19	19.18	19.22	20.7
20		50	0	19.33	19.3	19.19	20.7
20		50	24	19.3	19.26	19.29	20.7
20		50	50	19.34	19.22	19.28	20.7
20		100	0	19.28	19.42	19.33	20.7
20	64QAM	1	0	19.28	19.26	19.42	20.7
20		1	49	19.25	19.21	19.32	20.7
20		1	99	19.26	19.44	19.33	20.7
20		50	0	19.26	19.29	19.19	20.7
20		50	24	19.23	19.24	19.23	20.7
20		50	50	19.24	19.38	19.46	20.7
20		100	0	19.27	19.39	19.39	20.7
20	256QAM	1	0	18.98	19	18.91	20.2
20		1	49	18.67	18.81	18.7	20.2
20		1	99	18.83	18.96	18.65	20.2
20		50	0	18.85	18.87	18.78	20.2
20		50	24	18.77	18.87	18.67	20.2
20		50	50	18.78	18.91	18.67	20.2
20		100	0	18.85	18.91	18.8	20.2
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.26	19.39	19.31	20.7
15		1	37	19.3	19.34	19.27	20.7
15		1	74	19.34	19.34	19.34	20.7
15		36	0	19.2	19.36	19.26	20.7
15		36	20	19.28	19.11	19.18	20.7
15		36	39	19.18	19.25	19.12	20.7
15		75	0	19.01	19.19	18.92	20.7
15	16QAM	1	0	19.09	19.21	19.28	20.7
15		1	37	19.18	19.08	19.16	20.7
15		1	74	19.09	19.12	19.16	20.7
15		36	0	19.18	19.24	19.08	20.7
15		36	20	19.17	19.12	19.14	20.7
15		36	39	19.2	19.09	19.25	20.7
15		75	0	19.15	19.34	19.26	20.7
15	64QAM	1	0	19.25	19.11	19.36	20.7
15		1	37	19.16	19.15	19.27	20.7
15		1	74	19.24	19.09	19.27	20.7
15		36	0	19.12	19.28	19.09	20.7
15		36	20	19.2	19.14	19.08	20.7
15		36	39	19.17	19.3	19.42	20.7
15		75	0	19.18	19.17	19.26	20.7
15	256QAM	1	0	18.92	18.86	18.84	20.2
15		1	37	18.54	18.69	18.68	20.2
15		1	74	18.74	18.82	18.53	20.2
15		36	0	18.78	18.74	18.69	20.2
15		36	20	18.66	18.85	18.65	20.2
15		36	39	18.67	18.73	18.57	20.2
15		75	0	18.84	18.77	18.79	20.2
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.14	19.35	19.36	20.7
10		1	25	19.3	19.43	19.2	20.7
10		1	49	19.24	19.32	19.34	20.7
10		25	0	19.17	19.25	19.18	20.7
10		25	12	19.17	19.19	19.12	20.7
10		25	25	19.22	19.2	19.16	20.7
10		50	0	19.06	19.19	18.96	20.7
10	16QAM	1	0	19.18	19.2	19.2	20.7
10		1	25	19.25	19	19.05	20.7
10		1	49	19.14	19.14	19.1	20.7
10		25	0	19.24	19.24	19.13	20.7
10		25	12	19.2	19.18	19.18	20.7
10		25	25	19.25	19.21	19.18	20.7
10		50	0	19.2	19.36	19.22	20.7
10	64QAM	1	0	19.15	19.19	19.4	20.7
10		1	25	19.21	19.07	19.18	20.7
10		1	49	19.23	19.41	19.2	20.7
10		25	0	19.22	19.15	19.11	20.7
10		25	12	19.19	19.18	19.12	20.7
10		25	25	19.17	19.36	19.36	20.7
10		50	0	19.25	19.23	19.27	20.7
10	256QAM	1	0	18.87	18.93	18.84	20.2
10		1	25	18.63	18.72	18.58	20.2
10		1	49	18.77	18.8	18.57	20.2
10		25	0	18.83	18.92	18.69	20.2
10		25	12	18.69	18.83	18.6	20.2
10		25	25	18.67	18.87	18.55	20.2
10		50	0	18.83	18.83	18.75	20.2
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.16	19.42	19.33	20.7
5		1	12	19.28	19.42	19.3	20.7
5		1	24	19.34	19.3	19.35	20.7
5		12	0	19.23	19.35	19.19	20.7
5		12	7	19.17	19.16	19.08	20.7
5		12	13	19.18	19.17	19.14	20.7
5		25	0	19.07	19.13	18.94	20.7
5	16QAM	1	0	19.12	19.16	19.21	20.7
5		1	12	19.23	19.08	19.11	20.7
5		1	24	19.14	19.11	19.08	20.7
5		12	0	19.3	19.16	19.07	20.7
5		12	7	19.24	19.14	19.2	20.7
5		12	13	19.28	19.21	19.22	20.7
5		25	0	19.26	19.37	19.21	20.7
5	64QAM	1	0	19.24	19.17	19.35	20.7
5		1	12	19.2	19.16	19.23	20.7
5		1	24	19.24	19.35	19.31	20.7
5		12	0	19.15	19.24	19.14	20.7
5		12	7	19.17	19.1	19.16	20.7
5		12	13	19.18	19.29	19.41	20.7
5		25	0	19.23	19.16	19.24	20.7
5	256QAM	1	0	18.68	18.86	18.78	20.2
5		1	12	18.61	18.72	18.57	20.2
5		1	24	18.7	18.75	18.64	20.2
5		12	0	18.8	18.85	18.69	20.2
5		12	7	18.64	18.8	18.57	20.2
5		12	13	18.67	18.71	18.58	20.2
5		25	0	18.82	18.9	18.66	20.2

<LTE Band 66_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.54	18.58	18.55	19.7
20		1	49	18.48	18.54	18.52	19.7
20		1	99	18.51	18.56	18.41	19.7
20		50	0	18.25	18.45	18.44	19.7
20		50	24	18.21	18.38	18.28	19.7
20		50	50	18.13	18.32	18.3	19.7
20		100	0	18.19	18.29	18.12	19.7
20	16QAM	1	0	18.21	18.4	18.37	19.7
20		1	49	18.27	18.37	18.35	19.7
20		1	99	18.28	18.24	18.24	19.7
20		50	0	18.33	18.41	18.27	19.7
20		50	24	18.37	18.36	18.45	19.7
20		50	50	18.51	18.52	18.38	19.7
20		100	0	18.33	18.48	18.47	19.7
20	64QAM	1	0	18.38	18.34	18.44	19.7
20		1	49	18.3	18.37	18.39	19.7
20		1	99	18.45	18.46	18.38	19.7
20		50	0	18.41	18.47	18.35	19.7
20		50	24	18.3	18.44	18.26	19.7
20		50	50	18.39	18.52	18.46	19.7
20		100	0	18.39	18.41	18.47	19.7
20	256QAM	1	0	18.32	18.55	18.39	19.7
20		1	49	18.26	18.51	18.41	19.7
20		1	99	18.48	18.5	18.38	19.7
20		50	0	18.33	18.55	18.39	19.7
20		50	24	18.23	18.43	18.51	19.7
20		50	50	18.38	18.43	18.54	19.7
20		100	0	18.42	18.38	18.36	19.7
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.44	18.55	18.43	19.7
15		1	37	18.36	18.48	18.51	19.7
15		1	74	18.49	18.54	18.34	19.7
15		36	0	18.19	18.41	18.4	19.7
15		36	20	18.4	18.25	18.21	19.7
15		36	39	18.26	18.22	18.24	19.7
15		75	0	18.07	18.21	18.07	19.7
15	16QAM	1	0	18.13	18.34	18.28	19.7
15		1	37	18.12	18.33	18.23	19.7
15		1	74	18.25	18.22	18.19	19.7
15		36	0	18.19	18.33	18.23	19.7
15		36	20	18.25	18.31	18.39	19.7
15		36	39	18.44	18.26	18.3	19.7
15		75	0	18.29	18.35	18.42	19.7
15	64QAM	1	0	18.27	18.3	18.35	19.7
15		1	37	18.16	18.34	18.26	19.7
15		1	74	18.36	18.38	18.3	19.7
15		36	0	18.38	18.42	18.24	19.7
15		36	20	18.16	18.37	18.23	19.7
15		36	39	18.26	18.4	18.33	19.7
15		75	0	18.31	18.33	18.35	19.7
15	256QAM	1	0	18.28	18.49	18.35	19.7
15		1	37	18.24	18.58	18.3	19.7
15		1	74	18.45	18.38	18.23	19.7
15		36	0	18.18	18.41	18.37	19.7
15		36	20	18.14	18.39	18.46	19.7
15		36	39	18.34	18.29	18.46	19.7
15		75	0	18.24	18.33	18.32	19.7
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.52	18.55	18.51	19.7
10		1	25	18.46	18.44	18.46	19.7
10		1	49	18.43	18.46	18.37	19.7
10		25	0	18.17	18.41	18.42	19.7
10		25	12	18.35	18.25	18.2	19.7
10		25	25	18.29	18.28	18.15	19.7
10		50	0	18.15	18.24	18.08	19.7
10	16QAM	1	0	18.17	18.36	18.28	19.7
10		1	25	18.2	18.23	18.26	19.7
10		1	49	18.25	18.18	18.1	19.7
10		25	0	18.27	18.31	18.25	19.7
10		25	12	18.26	18.31	18.39	19.7
10		25	25	18.44	18.3	18.26	19.7
10		50	0	18.19	18.39	18.37	19.7
10	64QAM	1	0	18.33	18.3	18.42	19.7
10		1	25	18.19	18.29	18.32	19.7
10		1	49	18.42	18.4	18.25	19.7
10		25	0	18.38	18.38	18.34	19.7
10		25	12	18.18	18.38	18.17	19.7
10		25	25	18.37	18.4	18.35	19.7
10		50	0	18.26	18.4	18.4	19.7
10	256QAM	1	0	18.17	18.41	18.25	19.7
10		1	25	18.18	18.57	18.29	19.7
10		1	49	18.36	18.38	18.27	19.7
10		25	0	18.3	18.42	18.34	19.7
10		25	12	18.12	18.42	18.5	19.7
10		25	25	18.36	18.34	18.49	19.7
10		50	0	18.33	18.23	18.35	19.7
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.4	18.44	18.45	19.7
5		1	12	18.39	18.48	18.51	19.7
5		1	24	18.48	18.55	18.26	19.7

<LTE Band 38_Ant6_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.67	20.77	20.66	21.7
20		1	49	20.54	20.72	20.48	21.7
20		1	99	20.49	20.69	20.46	21.7
20		50	0	20.53	20.71	20.5	21.7
20		50	24	20.3	20.45	20.3	21.7
20		50	50	20.31	20.49	20.27	21.7
20		100	0	20.37	20.61	20.4	21.7
20	16QAM	1	0	20.36	20.53	20.37	21.7
20		1	49	20.17	20.42	20.3	21.7
20		1	99	20.25	20.42	20.23	21.7
20		50	0	20.32	20.55	20.32	21.7
20		50	24	20.36	20.48	20.3	21.7
20		50	50	20.36	20.58	20.44	21.7
20		100	0	20.55	20.69	20.48	21.7
20	64QAM	1	0	20.35	20.51	20.28	21.7
20		1	49	20.32	20.5	20.32	21.7
20		1	99	20.47	20.71	20.56	21.7
20		50	0	20.33	20.53	20.31	21.7
20		50	24	20.37	20.59	20.35	21.7
20		50	50	20.54	20.66	20.5	21.7
20		100	0	20.39	20.59	20.4	21.7
20	256QAM	1	0	19.02	19.21	19.09	20.2
20		1	49	19.34	19.51	19.38	20.2
20		1	99	19.09	19.22	19.1	20.2
20		50	0	19.04	19.25	19.06	20.2
20		50	24	19.08	19.2	19.07	20.2
20		50	50	18.96	19.15	19.08	20.2
20		100	0	19.11	19.25	19.11	20.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.54	20.69	20.57	21.7
15		1	37	20.42	20.67	20.46	21.7
15		1	74	20.42	20.67	20.33	21.7
15		36	0	20.47	20.67	20.4	21.7
15		36	20	20.23	20.33	20.24	21.7
15		36	39	20.28	20.47	20.17	21.7
15		75	0	20.3	20.46	20.3	21.7
15	16QAM	1	0	20.28	20.4	20.24	21.7
15		1	37	20.16	20.41	20.18	21.7
15		1	74	20.24	20.39	20.13	21.7
15		36	0	20.29	20.52	20.26	21.7
15		36	20	20.25	20.34	20.21	21.7
15		36	39	20.25	20.52	20.39	21.7
15		75	0	20.43	20.58	20.37	21.7
15	64QAM	1	0	20.24	20.48	20.21	21.7
15		1	37	20.23	20.4	20.24	21.7
15		1	74	20.45	20.6	20.54	21.7
15		36	0	20.19	20.47	20.18	21.7
15		36	20	20.34	20.52	20.3	21.7
15		36	39	20.51	20.62	20.42	21.7
15		75	0	20.25	20.55	20.34	21.7
15	256QAM	1	0	18.98	19.19	19.04	20.2
15		1	37	19.31	19.37	19.36	20.2
15		1	74	18.97	19.19	19.07	20.2
15		36	0	18.95	19.14	18.99	20.2
15		36	20	18.97	19.12	18.99	20.2
15		36	39	18.89	19	19.06	20.2
15		75	0	19.03	19.24	19.06	20.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.65	20.64	20.58	21.7
10		1	25	20.46	20.61	20.35	21.7
10		1	49	20.42	20.63	20.41	21.7
10		25	0	20.44	20.67	20.41	21.7
10		25	12	20.19	20.37	20.25	21.7
10		25	25	20.23	20.48	20.25	21.7
10		50	0	20.34	20.59	20.28	21.7
10	16QAM	1	0	20.3	20.48	20.28	21.7
10		1	25	20.09	20.38	20.23	21.7
10		1	49	20.18	20.3	20.2	21.7
10		25	0	20.19	20.51	20.19	21.7
10		25	12	20.21	20.44	20.25	21.7
10		25	25	20.29	20.45	20.36	21.7
10		50	0	20.54	20.59	20.35	21.7
10	64QAM	1	0	20.32	20.5	20.16	21.7
10		1	25	20.23	20.38	20.22	21.7
10		1	49	20.42	20.65	20.46	21.7
10		25	0	20.2	20.49	20.29	21.7
10		25	12	20.3	20.5	20.3	21.7
10		25	25	20.5	20.64	20.39	21.7
10		50	0	20.25	20.51	20.37	21.7
10	256QAM	1	0	18.93	19.08	19.01	20.2
10		1	25	19.2	19.45	19.3	20.2
10		1	49	18.98	19.2	19.03	20.2
10		25	0	18.92	19.14	19.04	20.2
10		25	12	19.02	19.1	19.01	20.2
10		25	25	18.93	19.12	19.01	20.2
10		50	0	19.04	19.16	18.96	20.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.52	20.69	20.63	21.7
5		1	12	20.42	20.61	20.44	21.7
5		1	24	20.42	20.59	20.34	21.7
5		12	0	20.43	20.59	20.41	21.7
5		12	7	20.21	20.32	20.16	21.7
5		12	13	20.17	20.38	20.24	21.7
5		25	0	20.34	20.47	20.32	21.7
5	16QAM	1	0	20.28	20.48	20.28	21.7
5		1	12	20.05	20.37	20.24	21.7
5		1	24	20.2	20.32	20.22	21.7
5		12	0	20.2	20.52	20.22	21.7
5		12	7	20.29	20.35	20.25	21.7
5		12	13	20.29	20.47	20.43	21.7
5		25	0	20.52	20.64	20.34	21.7
5	64QAM	1	0	20.26	20.46	20.21	21.7
5		1	12	20.25	20.39	20.25	21.7
5		1	24	20.44	20.6	20.44	21.7
5		12	0	20.26	20.47	20.27	21.7
5		12	7	20.36	20.47	20.32	21.7
5		12	13	20.45	20.53	20.41	21.7
5		25	0	20.32	20.54	20.32	21.7
5	256QAM	1	0	18.93	19.07	19.08	20.2
5		1	12	19.33	19.42	19.24	20.2
5		1	24	18.96	19.19	19	20.2
5		12	0	19.01	19.23	18.93	20.2
5		12	7	18.97	19.14	18.94	20.2
5		12	13	18.89	19.09	19.03	20.2
5		25	0	19.06	19.17	18.97	20.2

<LTE Band 41_Ant6_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.71	20.77	20.82	20.63	20.6	21.7
20		1	49	20.42	20.59	20.67	20.35	20.39	21.7
20		1	99	20.43	20.5	20.59	20.31	20.35	21.7
20		50	0	20.62	20.67	20.76	20.56	20.49	21.7
20		50	24	20.29	20.38	20.52	20.31	20.27	21.7
20		50	50	20.42	20.47	20.58	20.34	20.31	21.7
20		100	0	20.35	20.43	20.58	20.32	20.23	21.7
20	16QAM	1	0	20.35	20.46	20.58	20.27	20.28	21.7
20		1	49	20.3	20.35	20.51	20.22	20.28	21.7
20		1	99	20.23	20.38	20.47	20.23	20.23	21.7
20		50	0	20.4	20.48	20.59	20.34	20.28	21.7
20		50	24	20.38	20.42	20.58	20.31	20.22	21.7
20		50	50	20.32	20.35	20.54	20.24	20.2	21.7
20		100	0	20.56	20.56	20.69	20.48	20.38	21.7
20	64QAM	1	0	20.36	20.41	20.51	20.21	20.21	21.7
20		1	49	20.3	20.45	20.54	20.25	20.26	21.7
20		1	99	20.47	20.53	20.7	20.49	20.37	21.7
20		50	0	20.49	20.51	20.65	20.43	20.31	21.7
20		50	24	20.36	20.41	20.58	20.29	20.22	21.7
20		50	50	20.49	20.51	20.66	20.4	20.29	21.7
20		100	0	20.3	20.48	20.56	20.23	20.29	21.7
20	256QAM	1	0	18.96	19.21	19.33	18.88	18.83	20.2
20		1	49	18.9	19.15	19.27	18.84	18.82	20.2
20		1	99	18.89	19.14	19.25	18.83	18.82	20.2
20		50	0	18.97	19.21	19.3	18.94	18.91	20.2
20		50	24	18.9	19.08	19.24	18.89	18.83	20.2
20		50	50	18.84	19.1	19.22	18.78	18.76	20.2
20		100	0	18.9	19.12	19.2	18.85	18.82	20.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.64	20.65	20.81	20.58	20.46	21.7
15		1	37	20.29	20.48	20.55	20.33	20.32	21.7
15		1	74	20.4	20.37	20.48	20.17	20.26	21.7
15		36	0	20.57	20.59	20.72	20.53	20.46	21.7
15		36	20	20.25	20.29	20.49	20.19	20.23	21.7
15		36	39	20.37	20.46	20.47	20.29	20.22	21.7
15		75	0	20.3	20.39	20.46	20.31	20.12	21.7
15	16QAM	1	0	20.21	20.38	20.5	20.15	20.14	21.7
15		1	37	20.29	20.22	20.42	20.19	20.23	21.7
15		1	74	20.2	20.34	20.33	20.21	20.13	21.7
15		36	0	20.29	20.44	20.57	20.23	20.16	21.7
15		36	20	20.24	20.3	20.48	20.23	20.1	21.7
15		36	39	20.21	20.33	20.46	20.15	20.08	21.7
15		75	0	20.44	20.46	20.65	20.35	20.36	21.7
15	64QAM	1	0	20.21	20.33	20.48	20.09	20.11	21.7
15		1	37	20.29	20.34	20.45	20.2	20.22	21.7
15		1	74	20.36	20.4	20.65	20.44	20.24	21.7
15		36	0	20.43	20.49	20.59	20.31	20.3	21.7
15		36	20	20.22	20.29	20.49	20.2	20.11	21.7
15		36	39	20.36	20.45	20.6	20.32	20.21	21.7
15		75	0	20.16	20.38	20.49	20.22	20.21	21.7
15	256QAM	1	0	18.94	19.11	19.26	18.84	18.8	20.2
15		1	37	18.88	19.05	19.25	18.75	18.78	20.2
15		1	74	18.79	19.04	19.2	18.71	18.8	20.2
15		36	0	18.95	19.16	19.2	18.81	18.87	20.2
15		36	20	18.77	19.02	19.17	18.8	18.76	20.2
15		36	39	18.74	19.04	19.12	18.63	18.73	20.2
15		75	0	18.78	19.08	19.08	18.72	18.69	20.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.67	20.72	20.73	20.52	20.56	21.7
10		1	25	20.29	20.56	20.53	20.24	20.33	21.7
10		1	49	20.29	20.39	20.57	20.22	20.21	21.7
10		25	0	20.54	20.63	20.68	20.46	20.48	21.7
10		25	12	20.26	20.32	20.45	20.18	20.2	21.7
10		25	25	20.34	20.33	20.51	20.29	20.23	21.7
10		50	0	20.32	20.28	20.45	20.18	20.12	21.7
10	16QAM	1	0	20.2	20.33	20.56	20.21	20.15	21.7
10		1	25	20.28	20.24	20.45	20.2	20.2	21.7
10		1	49	20.18	20.35	20.34	20.1	20.13	21.7
10		25	0	20.34	20.37	20.48	20.25	20.21	21.7
10		25	12	20.26	20.32	20.51	20.19	20.16	21.7
10		25	25	20.19	20.31	20.4	20.11	20.13	21.7
10		50	0	20.47	20.51	20.58	20.47	20.27	21.7
10	64QAM	1	0	20.28	20.27	20.48	20.16	20.2	21.7
10		1	25	20.27	20.3	20.43	20.2	20.24	21.7
10		1	49	20.39	20.41	20.56	20.41	20.33	21.7
10		25	0	20.41	20.5	20.6	20.35	20.26	21.7
10		25	12	20.31	20.3	20.47	20.22	20.14	21.7
10		25	25	20.42	20.42	20.55	20.38	20.25	21.7
10		50	0	20.17	20.4	20.54	20.09	20.17	21.7
10	256QAM	1	0	18.9	19.17	19.32	18.81	18.74	20.2
10		1	25	18.84	19.03	19.17	18.77	18.72	20.2
10		1	49	18.85	19.06	19.16	18.79	18.76	20.2
10		25	0	18.88	19.19	19.28	18.87	18.78	20.2
10		25	12	18.75	18.98	19.21	18.87	18.76	20.2
10		25	25	18.81	19.07	19.1	18.65	18.65	20.2
10		50	0	18.81	18.98	19.15	18.74	18.79	20.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.68	20.69	20.73	20.51	20.56	21.7
5		1	12	20.28	20.57	20.57	20.26	20.36	21.7
5		1	24	20.3	20.39	20.49	20.23	20.26	21.7
5		12	0	20.56	20.54	20.62	20.55	20.39	21.7
5		12	7	20.24	20.26	20.37	20.28	20.17	21.7
5		12	13	20.28	20.41	20.45	20.26	20.2	21.7
5		25	0	20.34	20.39	20.57	20.25	20.18	21.7
5	16QAM	1	0	20.24	20.36	20.45	20.18	20.18	21.7
5		1	12	20.22	20.26	20.37	20.08	20.17	21.7
5		1	24	20.19	20.3	20.32	20.16	20.2	21.7
5		12	0	20.3	20.34	20.51	20.2	20.15	21.7
5		12	7	20.3	20.31	20.43	20.3	20.13	21.7
5		12	13	20.25	20.32	20.45	20.15	20.1	21.7
5		25	0	20.47	20.49	20.59	20.46	20.26	21.7
5	64QAM	1	0	20.33	20.27	20.4	20.11	20.1	21.7
5		1	12	20.19	20.43	20.45	20.2	20.14	21.7
5		1	24	20.45	20.43	20.57	20.36	20.34	21.7
5		12	0	20.37	20.47	20.64	20.36	20.28	21.7
5		12	7	20.23	20.38	20.51	20.27	20.15	21.7
5		12	13	20.43	20.37	20.6	20.28	20.21	21.7
5		25	0	20.26	20.45	20.43	20.15	20.21	21.7
5	256QAM	1	0	18.91	19.15	19.24	18.74	18.73	20.2
5		1	12	18.87	19.1	19.15	18.74	18.68	20.2
5		1	24	18.82	19.07	19.2	18.74	18.69	20.2
5		12	0	18.92	19.15	19.18	18.86	18.89	20.2
5		12	7	18.81	18.99	19.15	18.85	18.79	20.2
5		12	13	18.76	19.04	19.16	18.76	18.64	20.2
5		25	0	18.79	19.09	19.16	18.82	18.68	20.2

<LTE Band 42 (27Q)_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.56	19.57	19.52	21.2
20		1	49	19.51	19.56	19.45	21.2
20		1	99	19.28	19.41	19.25	21.2
20		50	0	19.43	19.5	19.38	21.2
20		50	24	19.36	19.4	19.34	21.2
20		50	50	19.16	19.31	19.14	21.2
20		100	0	19.39	19.44	19.29	21.2
20	16QAM	1	0	19.26	19.33	19.25	21.2
20		1	49	19.22	19.27	19.08	21.2
20		1	99	19.18	19.22	19.1	21.2
20		50	0	19.14	19.28	19.09	21.2
20		50	24	19.26	19.29	19.15	21.2
20		50	50	19.32	19.35	19.22	21.2
20		100	0	19.35	19.5	19.4	21.2
20	64QAM	1	0	19.28	19.4	19.26	21.2
20		1	49	19.28	19.33	19.17	21.2
20		1	99	19.33	19.45	19.33	21.2
20		50	0	19.29	19.4	19.3	21.2
20		50	24	19.24	19.37	19.29	21.2
20		50	50	19.46	19.53	19.46	21.2
20		100	0	19.33	19.44	19.33	21.2
20	256QAM	1	0	17.44	17.63	17.47	19.2
20		1	49	17.42	17.62	17.53	19.2
20		1	99	17.39	17.56	17.44	19.2
20		50	0	17.31	17.48	17.36	19.2
20		50	24	17.31	17.55	17.47	19.2
20		50	50	17.27	17.53	17.36	19.2
20		100	0	17.34	17.53	17.46	19.2
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.41	19.47	19.4	21.2
15		1	37	19.47	19.43	19.37	21.2
15		1	74	19.19	19.38	19.21	21.2
15		36	0	19.3	19.48	19.26	21.2
15		36	20	19.21	19.3	19.2	21.2
15		36	39	19.14	19.25	19.05	21.2
15		75	0	19.27	19.38	19.24	21.2
15	16QAM	1	0	19.11	19.29	19.22	21.2
15		1	37	19.21	19.19	19.03	21.2
15		1	74	19.15	19.08	18.98	21.2
15		36	0	19.08	19.24	19	21.2
15		36	20	19.21	19.15	19.09	21.2
15		36	39	19.3	19.3	19.13	21.2
15		75	0	19.34	19.4	19.35	21.2
15	64QAM	1	0	19.17	19.34	19.16	21.2
15		1	37	19.2	19.19	19.04	21.2
15		1	74	19.25	19.44	19.27	21.2
15		36	0	19.24	19.3	19.16	21.2
15		36	20	19.12	19.35	19.16	21.2
15		36	39	19.44	19.41	19.35	21.2
15		75	0	19.22	19.39	19.29	21.2
15	256QAM	1	0	17.32	17.5	17.34	19.2
15		1	37	17.4	17.54	17.39	19.2
15		1	74	17.26	17.5	17.36	19.2
15		36	0	17.26	17.4	17.26	19.2
15		36	20	17.18	17.45	17.34	19.2
15		36	39	17.23	17.4	17.26	19.2
15		75	0	17.24	17.41	17.4	19.2
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.42	19.47	19.38	21.2
10		1	25	19.43	19.44	19.43	21.2
10		1	49	19.25	19.3	19.11	21.2
10		25	0	19.32	19.35	19.37	21.2
10		25	12	19.33	19.32	19.32	21.2
10		25	25	19.02	19.2	19.08	21.2
10		50	0	19.34	19.33	19.26	21.2
10	16QAM	1	0	19.22	19.2	19.21	21.2
10		1	25	19.09	19.24	18.94	21.2
10		1	49	19.07	19.17	18.97	21.2
10		25	0	19.01	19.22	18.98	21.2
10		25	12	19.23	19.18	19.01	21.2
10		25	25	19.21	19.32	19.14	21.2
10		50	0	19.23	19.47	19.34	21.2
10	64QAM	1	0	19.22	19.25	19.19	21.2
10		1	25	19.14	19.22	19.09	21.2
10		1	49	19.22	19.42	19.25	21.2
10		25	0	19.19	19.31	19.28	21.2
10		25	12	19.15	19.27	19.2	21.2
10		25	25	19.44	19.41	19.39	21.2
10		50	0	19.2	19.42	19.21	21.2
10	256QAM	1	0	17.42	17.54	17.44	19.2
10		1	25	17.31	17.57	17.48	19.2
10		1	49	17.37	17.5	17.29	19.2
10		25	0	17.16	17.44	17.27	19.2
10		25	12	17.2	17.45	17.41	19.2
10		25	25	17.24	17.5	17.32	19.2
10		50	0	17.32	17.44	17.33	19.2
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.54	19.52	19.51	21.2
5		1	12	19.48	19.53	19.36	21.2
5		1	24	19.22	19.4	19.11	21.2
5		12	0	19.32	19.4	19.23	21.2
5		12	7	19.29	19.38	19.24	21.2
5		12	13	19.08	19.25	19.1	21.2
5		25	0	19.28	19.34	19.14	21.2
5	16QAM	1	0	19.24	19.19	19.22	21.2
5		1	12	19.2	19.19	19.05	21.2
5		1	24	19.16	19.1	19.01	21.2
5		12	0	19.04	19.24	19.06	21.2
5		12	7	19.21	19.24	19.04	21.2
5		12	13	19.2	19.3	19.17	21.2
5		25	0	19.24	19.4	19.31	21.2
5	64QAM	1	0	19.25	19.27	19.22	21.2
5		1	12	19.17	19.28	19.03	21.2
5		1	24	19.19	19.38	19.32	21.2
5		12	0	19.26	19.37	19.21	21.2
5		12	7	19.15	19.28	19.19	21.2
5		12	13	19.41	19.49	19.31	21.2
5		25	0	19.28	19.41	19.22	21.2
5	256QAM	1	0	17.32	17.49	17.42	19.2
5		1	12	17.27	17.61	17.41	19.2
5		1	24	17.27	17.49	17.34	19.2
5		12	0	17.23	17.47	17.29	19.2
5		12	7	17.24	17.45	17.37	19.2
5		12	13	17.17	17.46	17.3	19.2
5		25	0	17.31	17.43	17.33	19.2

<LTE Band 48_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.51	17.54	17.6	17.5	17.46	18.9
20		1	49	17.3	17.3	17.43	17.32	17.21	18.9
20		1	99	17.23	17.35	17.43	17.26	17.25	18.9
20		50	0	17.4	17.36	17.5	17.37	17.27	18.9
20		50	24	17.19	17.22	17.34	17.18	17.17	18.9
20		50	50	17.06	17.13	17.29	17.06	17.1	18.9
20		100	0	17.36	17.36	17.47	17.3	17.3	18.9
20	16QAM	1	0	17.07	17.14	17.29	17.07	17.08	18.9
20		1	49	17.06	17.14	17.22	17.01	17.03	18.9
20		1	99	16.97	17.02	17.17	17	16.91	18.9
20		50	0	17.02	17.12	17.25	17.05	17.02	18.9
20		50	24	17.12	17.27	17.34	17.12	17.18	18.9
20		50	50	17.07	17.13	17.29	17.06	17.1	18.9
20		100	0	17.31	17.36	17.43	17.3	17.16	18.9
20	64QAM	1	0	17.11	17.13	17.3	17.12	17.04	18.9
20		1	49	17.19	17.27	17.36	17.12	17.17	18.9
20		1	99	17.28	17.22	17.42	17.3	17.25	18.9
20		50	0	17.24	17.3	17.4	17.26	17.13	18.9
20		50	24	17.19	17.25	17.37	17.17	17.13	18.9
20		50	50	17.25	17.33	17.46	17.22	17.18	18.9
20		100	0	17.22	17.32	17.44	17.31	17.17	18.9
20	256QAM	1	0	15.93	15.92	16.09	15.88	15.66	17.4
20		1	49	15.92	15.97	16.13	15.92	15.7	17.4
20		1	99	15.87	15.94	16.1	15.89	15.69	17.4
20		50	0	15.92	15.96	16.08	15.94	15.68	17.4
20		50	24	15.93	16.04	16.14	16.05	15.65	17.4
20		50	50	16.05	16.07	16.17	16.08	15.68	17.4
20		100	0	16.05	16.03	16.2	16.12	15.8	17.4
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.41	17.43	17.55	17.48	17.34	18.9
15		1	37	17.23	17.18	17.34	17.25	17.12	18.9
15		1	74	17.11	17.21	17.29	17.17	17.23	18.9
15		36	0	17.3	17.33	17.43	17.24	17.22	18.9
15		36	20	17.1	17.19	17.29	17.04	17.06	18.9
15		36	39	16.91	17.09	17.25	16.91	16.97	18.9
15		75	0	17.29	17.26	17.37	17.23	17.16	18.9
15	16QAM	1	0	17.04	17.02	17.17	16.92	17.03	18.9
15		1	37	16.99	17.06	17.19	16.99	16.9	18.9
15		1	74	16.89	16.94	17.12	16.86	16.84	18.9
15		36	0	16.9	16.99	17.13	16.94	16.95	18.9
15		36	20	17	17.13	17.28	16.99	17.03	18.9
15		36	39	17.04	17.11	17.16	16.96	16.97	18.9
15		75	0	17.23	17.34	17.33	17.25	17.09	18.9
15	64QAM	1	0	17	17.07	17.21	17.04	16.92	18.9
15		1	37	17.08	17.16	17.29	17.06	17.16	18.9
15		1	74	17.22	17.1	17.38	17.18	17.14	18.9
15		36	0	17.19	17.22	17.31	17.16	16.99	18.9
15		36	20	17.1	17.16	17.23	17.04	17.1	18.9
15		36	39	17.16	17.31	17.32	17.15	17.06	18.9
15		75	0	17.14	17.3	17.32	17.27	17.03	18.9
15	256QAM	1	0	15.88	15.78	16.07	15.81	15.57	17.4
15		1	37	15.8	15.96	16.03	15.84	15.62	17.4
15		1	74	15.73	15.8	16.04	15.87	15.6	17.4
15		36	0	15.86	15.88	16.01	15.9	15.53	17.4
15		36	20	15.87	15.89	16	15.96	15.54	17.4
15		36	39	15.96	16	16.08	16.05	15.54	17.4
15		75	0	16	15.98	16.08	16.11	15.75	17.4
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.48	17.48	17.49	17.46	17.33	18.9
10		1	25	17.21	17.19	17.32	17.24	17.15	18.9
10		1	49	17.16	17.2	17.3	17.22	17.15	18.9
10		25	0	17.36	17.21	17.38	17.34	17.2	18.9
10		25	12	17.13	17.09	17.28	17.03	17.04	18.9
10		25	25	17.05	17.08	17.23	17.04	17.02	18.9
10		50	0	17.25	17.32	17.37	17.29	17.18	18.9
10	16QAM	1	0	16.98	17.06	17.24	16.98	17.03	18.9
10		1	25	16.93	17.04	17.15	16.98	16.88	18.9
10		1	49	16.92	16.96	17.06	16.99	16.86	18.9
10		25	0	16.94	17.01	17.12	16.94	16.98	18.9
10		25	12	17.04	17.15	17.27	16.97	17.1	18.9
10		25	25	16.97	17.05	17.26	16.93	17.01	18.9
10		50	0	17.16	17.25	17.37	17.24	17.03	18.9
10	64QAM	1	0	17.01	17.11	17.22	17.09	16.96	18.9
10		1	25	17.18	17.16	17.29	17.05	17.08	18.9
10		1	49	17.14	17.11	17.29	17.22	17.22	18.9
10		25	0	17.16	17.26	17.31	17.14	17.09	18.9
10		25	12	17.13	17.11	17.24	17.07	17.02	18.9
10		25	25	17.23	17.24	17.41	17.14	17.12	18.9
10		50	0	17.16	17.31	17.4	17.29	17.04	18.9
10	256QAM	1	0	15.79	15.89	16.02	15.8	15.54	17.4
10		1	25	15.91	15.83	16.07	15.79	15.59	17.4
10		1	49	15.82	15.89	16.01	15.77	15.67	17.4
10		25	0	15.86	15.85	16.07	15.86	15.65	17.4
10		25	12	15.91	16	16.09	15.91	15.57	17.4
10		25	25	15.98	16.02	16.1	16	15.53	17.4
10		50	0	15.96	16	16.09	15.98	15.67	17.4
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.46	17.51	17.48	17.47	17.33	18.9
5		1	12	17.27	17.28	17.4	17.28	17.19	18.9
5		1	24	17.11	17.32	17.4	17.2	17.13	18.9
5		12	0	17.29	17.24	17.47	17.29	17.12	18.9
5		12	7	17.1	17.2	17.3	17.03	17.11	18.9
5		12	13	17.01	17.1	17.15	16.96	17.07	18.9
5		25	0	17.26	17.33	17.46	17.17	17.25	18.9
5	16QAM	1	0	17.01	17.06	17.15	16.99	17	18.9
5		1	12	17.01	17.13	17.09	16.87	16.99	18.9
5		1	24	16.84	16.93	17.12	16.91	16.79	18.9
5		12	0	16.89	17.05	17.13	17.01	16.95	18.9
5		12	7	17.04	17.14	17.19	17.03	17.15	18.9
5		12	13	16.97	17.07	17.16	16.99	16.96	18.9
5		25	0	17.22	17.29	17.4	17.29	17.04	18.9
5	64QAM	1	0	17.01	16.99	17.24	16.99	17.01	18.9
5		1	12	17.1	17.26	17.32	17.07	17.03	18.9
5		1	24	17.15	17.14	17.35	17.16	17.22	18.9
5		12	0	17.16	17.19	17.29	17.2	17	18.9
5		12	7	17.07	17.21	17.28	17.09	17.09	18.9
5		12	13	17.23	17.3	17.43	17.08	17.05	18.9
5		25	0	17.17	17.26	17.39	17.26	17.14	18.9
5	256QAM	1	0	15.82	15.85	16.03	15.81	15.63	17.4
5		1	12	15.79	15.85	16	15.84	15.6	17.4
5		1	24	15.82	15.91	16.09	15.78	15.57	17.4
5		12	0	15.81	15.82	15.97	15.83	15.61	17.4
5		12	7	15.81	15.96	16.02	15.9	15.62	17.4
5		12	13	15.93	15.94	16.09	16.07	15.65	17.4
5		25	0	15.93	15.99	16.17	15.99	15.69	17.4

<LTE Band 4_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.51	15.57	15.5	16.4
20		1	49	15.52	15.49	15.59	16.4
20		1	99	15.42	15.52	15.44	16.4
20		50	0	15.32	15.56	15.43	16.4
20		50	24	15.45	15.4	15.28	16.4
20		50	50	15.38	15.39	15.28	16.4
20		100	0	15.24	15.3	15.18	16.4
20	16QAM	1	0	15.29	15.43	15.45	16.4
20		1	49	15.37	15.32	15.34	16.4
20		1	99	15.36	15.28	15.34	16.4
20		50	0	15.37	15.38	15.37	16.4
20		50	24	15.43	15.34	15.5	16.4
20		50	50	15.47	15.4	15.46	16.4
20		100	0	15.4	15.49	15.51	16.4
20	64QAM	1	0	15.33	15.4	15.43	16.4
20		1	49	15.38	15.34	15.46	16.4
20		1	99	15.46	15.56	15.39	16.4
20		50	0	15.49	15.49	15.44	16.4
20		50	24	15.34	15.48	15.39	16.4
20		50	50	15.38	15.53	15.59	16.4
20		100	0	15.4	15.46	15.46	16.4
20	256QAM	1	0	15.38	15.56	15.45	16.4
20		1	49	15.38	15.58	15.36	16.4
20		1	99	15.44	15.4	15.49	16.4
20		50	0	15.48	15.49	15.47	16.4
20		50	24	15.3	15.41	15.5	16.4
20		50	50	15.34	15.5	15.5	16.4
20		100	0	15.36	15.53	15.4	16.4
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.45	15.5	15.35	16.4
15		1	37	15.48	15.39	15.48	16.4
15		1	74	15.33	15.49	15.36	16.4
15		36	0	15.27	15.47	15.36	16.4
15		36	20	15.32	15.3	15.17	16.4
15		36	39	15.32	15.27	15.15	16.4
15		75	0	15.22	15.28	15.11	16.4
15	16QAM	1	0	15.27	15.41	15.41	16.4
15		1	37	15.22	15.26	15.31	16.4
15		1	74	15.32	15.21	15.34	16.4
15		36	0	15.24	15.27	15.31	16.4
15		36	20	15.31	15.3	15.48	16.4
15		36	39	15.37	15.27	15.37	16.4
15		75	0	15.38	15.45	15.39	16.4
15	64QAM	1	0	15.26	15.32	15.31	16.4
15		1	37	15.33	15.3	15.38	16.4
15		1	74	15.35	15.5	15.3	16.4
15		36	0	15.48	15.47	15.42	16.4
15		36	20	15.23	15.37	15.36	16.4
15		36	39	15.34	15.4	15.49	16.4
15		75	0	15.37	15.34	15.42	16.4
15	256QAM	1	0	15.24	15.41	15.44	16.4
15		1	37	15.33	15.5	15.3	16.4
15		1	74	15.35	15.29	15.45	16.4
15		36	0	15.37	15.37	15.35	16.4
15		36	20	15.24	15.4	15.46	16.4
15		36	39	15.24	15.47	15.46	16.4
15		75	0	15.28	15.52	15.29	16.4
Channel				20000	20175	20350	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	15.39	15.45	15.41	16.4
10		1	25	15.5	15.48	15.45	16.4
10		1	49	15.35	15.42	15.32	16.4
10		25	0	15.25	15.48	15.35	16.4
10		25	12	15.39	15.39	15.19	16.4
10		25	25	15.36	15.25	15.16	16.4
10		50	0	15.14	15.22	15.06	16.4
10	16QAM	1	0	15.26	15.37	15.32	16.4
10		1	25	15.3	15.19	15.27	16.4
10		1	49	15.3	15.13	15.23	16.4
10		25	0	15.33	15.33	15.24	16.4
10		25	12	15.41	15.27	15.4	16.4
10		25	25	15.32	15.31	15.45	16.4
10		50	0	15.32	15.37	15.4	16.4
10	64QAM	1	0	15.18	15.31	15.31	16.4
10		1	25	15.36	15.32	15.33	16.4
10		1	49	15.33	15.44	15.28	16.4
10		25	0	15.42	15.36	15.42	16.4
10		25	12	15.3	15.36	15.33	16.4
10		25	25	15.31	15.43	15.5	16.4
10		50	0	15.31	15.44	15.33	16.4
10	256QAM	1	0	15.23	15.44	15.32	16.4
10		1	25	15.37	15.44	15.21	16.4
10		1	49	15.36	15.32	15.44	16.4
10		25	0	15.44	15.45	15.45	16.4
10		25	12	15.19	15.37	15.39	16.4
10		25	25	15.28	15.36	15.36	16.4
10		50	0	15.28	15.22	15.27	16.4
Channel				19975	20175	20375	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	15.43	15.55	15.42	16.4
5		1	12	15.48	15.34	15.49	16.4
5		1	24	15.33	15.48	15.43	16.4
5		12	0	15.24	15.52	15.41	16.4
5		12	7	15.4	15.27	15.21	16.4
5		12	13	15.37	15.29	15.21	16.4
5		25	0	15.16	15.17	15.13	16.4
5	16QAM	1	0	15.16	15.4	15.32	16.4
5		1	12	15.2	15.31	15.32	16.4
5		1	24	15.35	15.14	15.31	16.4
5		12	0	15.29	15.36	15.29	16.4
5		12	7	15.3	15.31	15.46	16.4
5		12	13	15.37	15.26	15.33	16.4
5		25	0	15.31	15.42	15.48	16.4
5	64QAM	1	0	15.25	15.27	15.3	16.4
5		1	12	15.3	15.24	15.35	16.4
5		1	24	15.37	15.45	15.27	16.4
5		12	0	15.37	15.4	15.41	16.4
5		12	7	15.28	15.37	15.36	16.4
5		12	13	15.29	15.42	15.53	16.4
5		25	0	15.38	15.38	15.43	16.4
5	256QAM	1	0	15.31	15.52	15.38	16.4
5		1	12	15.37	15.55	15.26	16.4
5		1	24	15.38	15.33	15.42	16.4
5		12	0	15.42	15.39	15.46	16.4
5		12	7	15.16	15.31	15.43	16.4
5		12	13	15.26	15.48	15.46	16.4
5		25	0	15.24	15.41	15.32	16.4
Channel				19965	20175	20385	Tune-Up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	15.38	15.42	15.47	16.4
3		1	8	15.44	15.39	15.53	16.4
3		1	14	15.4	15.49	15.42	16.4
3		8	0	15.29	15.48	15.31	16.4
3		8	4	15.32	15.32	15.19	16.4
3		8	7	15.27	15.34	15.17	16.4
3		15	0	15.17	15.28	15.14	16.4
3	16QAM	1	0	15.16	15.3	15.43	16.4
3		1	8	15.31	15.27	15.26	16.4
3		1	14	15.21	15.21	15.36	16.4
3		8	0	15.28	15.34	15.23	16.4
3		8	4	15.31	15.21	15.47	16.4
3		8	7	15.34	15.37	15.42	16.4
3		15	0	15.33	15.43	15.47	16.4
3	64QAM	1	0	15.31	15.3	15.29	16.4
3		1	8	15.35	15.21	15.31	16.4
3		1	14	15.34	15.49	15.33	16.4
3		8	0	15.34	15.41	15.34	16.4
3		8	4	15.24	15.36	15.28	16.4
3		8	7	15.37	15.4	15.5	16.4
3		15	0	15.27	15.34	15.34	16.4
3	256QAM	1	0	15.24	15.49	15.36	16.4
3		1	8	15.3	15.53	15.22	16.4
3		1	14	15.3	15.38	15.35	16.4
3		8	0	15.38	15.41	15.46	16.4
3		8	4	15.15	15.33	15.37	16.4
3		8	7	15.22	15.46	15.4	16.4
3		15	0	15.24	15.44	15.38	16.4
Channel				19957	20175	20393	Tune-Up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.49	15.45	15.41	16.4
1.4		1	3	15.42	15.48	15.55	16.4
1.4		1	5	15.35	15.42	15.38	16.4
1.4		3	0	15.21	15.42	15.3	16.4
1.4		3	1	15.42	15.38	15.24	16.4
1.4		3	3	15.34	15.31	15.22	16.4
1.4		6	0	15.16	15.19	15.12	16.4
1.4	16QAM	1	0	15.16	15.32	15.43	16.4
1.4		1	3	15.28	15.28	15.3	16.4
1.4		1	5	15.32	15.2	15.27	16.4
1.4		3	0	15.25	15.34	15.35	16.4
1.4		3	1	15.26	15.2	15.38	16.4
1.4		3	3	15.42	15.3	15.43	16.4
1.4		6	0	15.26	15.47	15.39	16.4
1.4	64QAM	1	0	15.28	15.28	15.32	16.4
1.4		1	3	15.29	15.32	15.34	16.4
1.4		1	5	15.34	15.42	15.29	16.4
1.4		3	0	15.43	15.4	15.31	16.4
1.4		3	1	15.29	15.41	15.31	16.4
1.4		3	3	15.25	15.49	15.51	16.4
1.4		6	0	15.29	15.31	15.41	16.4
1.4	256QAM	1	0	15.27	15.48	15.35	16.4
1.4		1	3	15.3	15.56	15.28	16.4
1.4		1	5	15.32	15.27	15.37	16.4
1.4		3	0	15.35	15.46	15.44	16.4
1.4		3	1	15.16	15.27	15.38	16.4
1.4		3	3	15.31	15.36	15.42	16.4
1.4		6	0	15.28	15.49	15.27	16.4

<LTE Band 7_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.23	18.34	18.19	19
20		1	49	18.1	18.27	18.01	19
20		1	99	18.01	18.19	18.02	19
20		50	0	18.07	18.14	18.13	19
20		50	24	18.03	18.07	17.97	19
20		50	50	18	18.14	18.03	19
20		100	0	17.86	18.07	17.89	19
20	16QAM	1	0	18.01	18.08	18.04	19
20		1	49	18.04	17.97	17.97	19
20		1	99	17.92	18.01	18.03	19
20		50	0	18.13	18.03	18.01	19
20		50	24	18.11	18	18.14	19
20		50	50	18.12	18.06	18.14	19
20		100	0	18	18.21	18.08	19
20	64QAM	1	0	18.12	18.06	18.11	19
20		1	49	17.99	17.99	18.11	19
20		1	99	18.09	18.23	18.12	19
20		50	0	18.15	18.13	18.07	19
20		50	24	18.02	18.12	18.08	19
20		50	50	18.03	18.18	18.19	19
20		100	0	18.14	18.16	18.14	19
20	256QAM	1	0	18.02	18.14	18.13	19
20		1	49	17.91	18.2	18.05	19
20		1	99	18.2	18.15	18.14	19
20		50	0	18.03	18.24	18.13	19
20		50	24	18.01	18.1	18.15	19
20		50	50	18.05	18.13	18.18	19
20		100	0	18.09	18.11	18.05	19
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.2	18.24	18.1	19
15		1	37	18.02	18.16	17.92	19
15		1	74	18	18.15	17.9	19
15		36	0	17.97	18.1	18.06	19
15		36	20	17.91	17.96	17.89	19
15		36	39	17.89	18.1	17.99	19
15		75	0	17.76	18.05	17.84	19
15	16QAM	1	0	17.98	18.04	17.92	19
15		1	37	17.93	17.98	17.93	19
15		1	74	17.91	17.97	17.94	19
15		36	0	18	17.91	17.98	19
15		36	20	18	17.99	18.09	19
15		36	39	18.04	17.96	18.02	19
15		75	0	17.88	18.17	17.94	19
15	64QAM	1	0	18.09	17.92	17.98	19
15		1	37	17.91	17.95	18.01	19
15		1	74	17.87	18.09	18.03	19
15		36	0	18.03	18.1	18	19
15		36	20	17.98	18.04	18.05	19
15		36	39	17.98	18.05	18.12	19
15		75	0	18.06	18.05	18.12	19
15	256QAM	1	0	17.93	18.06	18.08	19
15		1	37	17.87	18.06	18.01	19
15		1	74	18.12	18.11	18.03	19
15		36	0	17.96	18.18	17.99	19
15		36	20	18	18.06	18.04	19
15		36	39	17.93	18.01	18.14	19
15		75	0	18	17.96	17.99	19
Channel				20800	21100	21400	Tune-Up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.15	18.33	18.12	19
10		1	25	18.01	18.17	17.91	19
10		1	49	17.96	18.06	18.01	19
10		25	0	17.96	18.04	17.99	19
10		25	12	17.94	18.01	17.83	19
10		25	25	17.89	18.07	17.97	19
10		50	0	17.84	17.96	17.8	19
10	16QAM	1	0	17.91	17.94	17.91	19
10		1	25	17.96	17.91	17.82	19
10		1	49	17.77	17.93	17.92	19
10		25	0	17.99	17.93	17.98	19
10		25	12	18.08	17.97	18	19
10		25	25	18	17.95	18.03	19
10		50	0	17.91	18.06	17.99	19
10	64QAM	1	0	17.98	17.92	18.04	19
10		1	25	17.89	17.91	18.03	19
10		1	49	18.08	18.13	18	19
10		25	0	18.13	18.11	18.04	19
10		25	12	17.91	18.03	18.01	19
10		25	25	17.92	18.05	18.17	19
10		50	0	18.09	18.12	18.02	19
10	256QAM	1	0	17.96	18.01	17.99	19
10		1	25	17.76	18.17	17.92	19
10		1	49	18.16	18.02	18.04	19
10		25	0	17.91	18.1	18.05	19
10		25	12	17.93	18.09	18.11	19
10		25	25	18.02	18.1	18.06	19
10		50	0	18.01	18.07	17.91	19
Channel				20775	21100	21425	Tune-Up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.16	18.29	18.04	19
5		1	12	18.07	18.2	17.89	19
5		1	24	17.96	18.14	17.96	19
5		12	0	17.93	18.06	18	19
5		12	7	17.9	18.02	17.83	19
5		12	13	17.91	18.08	17.94	19
5		25	0	17.83	17.97	17.77	19
5	16QAM	1	0	17.95	17.97	18.02	19
5		1	12	17.9	17.95	17.91	19
5		1	24	17.8	17.95	18.01	19
5		12	0	18	17.92	17.9	19
5		12	7	18.01	17.95	18.07	19
5		12	13	18.06	17.92	18.12	19
5		25	0	17.85	18.13	18.02	19
5	64QAM	1	0	18.05	18.01	17.97	19
5		1	12	17.94	17.93	18.12	19
5		1	24	17.98	18.19	18.06	19
5		12	0	18.11	18.09	17.96	19
5		12	7	17.92	18	17.94	19
5		12	13	17.98	18.15	18.08	19
5		25	0	18.04	18.11	18.04	19
5	256QAM	1	0	17.91	18.05	18	19
5		1	12	17.8	18.15	18.01	19
5		1	24	18.11	18.04	18.02	19
5		12	0	18.01	18.15	17.99	19
5		12	7	17.93	18.09	18.06	19
5		12	13	17.93	18.08	18.08	19
5		25	0	17.98	17.97	17.95	19

<LTE Band 66_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.46	15.67	15.5	16.4
20		1	49	15.54	15.59	15.48	16.4
20		1	99	15.41	15.45	15.48	16.4
20		50	0	15.32	15.59	15.36	16.4
20		50	24	15.41	15.45	15.41	16.4
20		50	50	15.33	15.4	15.38	16.4
20		100	0	15.15	15.44	15.25	16.4
20	16QAM	1	0	15.28	15.44	15.48	16.4
20		1	49	15.37	15.38	15.38	16.4
20		1	99	15.31	15.25	15.38	16.4
20		50	0	15.43	15.38	15.4	16.4
20		50	24	15.41	15.4	15.54	16.4
20		50	50	15.41	15.36	15.5	16.4
20		100	0	15.31	15.52	15.46	16.4
20	64QAM	1	0	15.48	15.4	15.42	16.4
20		1	49	15.42	15.38	15.5	16.4
20		1	99	15.43	15.51	15.4	16.4
20		50	0	15.5	15.43	15.42	16.4
20		50	24	15.33	15.46	15.39	16.4
20		50	50	15.36	15.57	15.48	16.4
20		100	0	15.37	15.55	15.5	16.4
20	256QAM	1	0	15.43	15.61	15.39	16.4
20		1	49	15.3	15.61	15.36	16.4
20		1	99	15.54	15.44	15.44	16.4
20		50	0	15.47	15.47	15.39	16.4
20		50	24	15.38	15.51	15.44	16.4
20		50	50	15.32	15.45	15.48	16.4
20		100	0	15.41	15.4	15.42	16.4
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.41	15.57	15.37	16.4
15		1	37	15.46	15.47	15.42	16.4
15		1	74	15.34	15.31	15.38	16.4
15		36	0	15.18	15.44	15.26	16.4
15		36	20	15.37	15.34	15.29	16.4
15		36	39	15.19	15.3	15.3	16.4
15		75	0	15.05	15.41	15.19	16.4
15	16QAM	1	0	15.22	15.43	15.46	16.4
15		1	37	15.26	15.26	15.31	16.4
15		1	74	15.23	15.21	15.24	16.4
15		36	0	15.3	15.26	15.33	16.4
15		36	20	15.37	15.32	15.41	16.4
15		36	39	15.32	15.23	15.41	16.4
15		75	0	15.19	15.4	15.33	16.4
15	64QAM	1	0	15.36	15.32	15.29	16.4
15		1	37	15.41	15.34	15.42	16.4
15		1	74	15.36	15.39	15.36	16.4
15		36	0	15.43	15.39	15.29	16.4
15		36	20	15.22	15.32	15.25	16.4
15		36	39	15.26	15.54	15.35	16.4
15		75	0	15.27	15.49	15.39	16.4
15	256QAM	1	0	15.34	15.51	15.26	16.4
15		1	37	15.28	15.53	15.29	16.4
15		1	74	15.46	15.36	15.32	16.4
15		36	0	15.37	15.36	15.33	16.4
15		36	20	15.24	15.38	15.3	16.4
15		36	39	15.17	15.37	15.33	16.4
15		75	0	15.36	15.33	15.38	16.4
Channel				132022	132322	132622	Tune-Up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	15.36	15.45	15.39	16.4
10		1	25	15.42	15.49	15.39	16.4
10		1	49	15.38	15.39	15.41	16.4
10		25	0	15.18	15.57	15.27	16.4
10		25	12	15.29	15.4	15.33	16.4
10		25	25	15.32	15.26	15.27	16.4
10		50	0	15.05	15.33	15.19	16.4
10	16QAM	1	0	15.17	15.34	15.38	16.4
10		1	25	15.32	15.35	15.29	16.4
10		1	49	15.22	15.16	15.36	16.4
10		25	0	15.33	15.26	15.36	16.4
10		25	12	15.34	15.31	15.5	16.4
10		25	25	15.28	15.25	15.4	16.4
10	64QAM	1	0	15.26	15.49	15.38	16.4
10		1	25	15.32	15.26	15.36	16.4
10		1	49	15.4	15.36	15.39	16.4
10		25	0	15.4	15.42	15.35	16.4
10		25	12	15.25	15.45	15.26	16.4
10		25	25	15.31	15.53	15.45	16.4
10		50	0	15.34	15.48	15.37	16.4
10	256QAM	1	0	15.39	15.52	15.31	16.4
10		1	25	15.2	15.48	15.28	16.4
10		1	49	15.52	15.32	15.35	16.4
10		25	0	15.33	15.39	15.27	16.4
10		25	12	15.35	15.45	15.34	16.4
10		25	25	15.3	15.39	15.45	16.4
10		50	0	15.28	15.38	15.33	16.4
Channel				131997	132322	132647	Tune-Up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	15.32	15.62	15.41	16.4
5		1	12	15.46	15.49	15.38	16.4
5		1	24	15.32	15.4	15.39	16.4
5		12	0	15.3	15.55	15.29	16.4
5		12	7	15.27	15.34	15.28	16.4
5		12	13	15.29	15.39	15.32	16.4
5		25	0	15.11	15.36	15.17	16.4
5	16QAM	1	0	15.24	15.31	15.42	16.4
5		1	12	15.33	15.32	15.27	16.4
5		1	24	15.27	15.22	15.26	16.4
5	

<LTE Band 38_Ant7_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.84	18.88	18.83	19.7
20		1	49	18.61	18.76	18.58	19.7
20		1	99	18.63	18.7	18.57	19.7
20		50	0	18.65	18.83	18.74	19.7
20		50	24	18.48	18.66	18.48	19.7
20		50	50	18.57	18.65	18.52	19.7
20		100	0	18.58	18.76	18.57	19.7
20	16QAM	1	0	18.54	18.67	18.55	19.7
20		1	49	18.4	18.5	18.39	19.7
20		1	99	18.33	18.5	18.39	19.7
20		50	0	18.42	18.6	18.45	19.7
20		50	24	18.46	18.58	18.42	19.7
20		50	50	18.63	18.71	18.52	19.7
20		100	0	18.68	18.74	18.61	19.7
20	64QAM	1	0	18.62	18.69	18.55	19.7
20		1	49	18.45	18.58	18.44	19.7
20		1	99	18.64	18.75	18.69	19.7
20		50	0	18.5	18.67	18.6	19.7
20		50	24	18.57	18.65	18.49	19.7
20		50	50	18.56	18.72	18.63	19.7
20		100	0	18.58	18.69	18.51	19.7
20	256QAM	1	0	17.99	18.18	18.03	19.2
20		1	49	18.04	18.22	18.07	19.2
20		1	99	17.89	18.15	18.02	19.2
20		50	0	17.96	18.18	18.07	19.2
20		50	24	17.96	18.16	18.08	19.2
20		50	50	18.05	18.2	18.1	19.2
20		100	0	17.97	18.23	18.09	19.2
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.8	18.76	18.69	19.7
15		1	37	18.5	18.7	18.51	19.7
15		1	74	18.52	18.56	18.53	19.7
15		36	0	18.52	18.7	18.62	19.7
15		36	20	18.37	18.52	18.4	19.7
15		36	39	18.43	18.54	18.42	19.7
15		75	0	18.47	18.65	18.51	19.7
15	16QAM	1	0	18.44	18.6	18.47	19.7
15		1	37	18.38	18.44	18.31	19.7
15		1	74	18.29	18.4	18.35	19.7
15		36	0	18.3	18.46	18.39	19.7
15		36	20	18.33	18.53	18.4	19.7
15		36	39	18.56	18.7	18.49	19.7
15		75	0	18.62	18.71	18.49	19.7
15	64QAM	1	0	18.56	18.58	18.42	19.7
15		1	37	18.3	18.54	18.33	19.7
15		1	74	18.53	18.71	18.55	19.7
15		36	0	18.4	18.59	18.57	19.7
15		36	20	18.43	18.64	18.43	19.7
15		36	39	18.52	18.69	18.59	19.7
15		75	0	18.54	18.6	18.47	19.7
15	256QAM	1	0	17.93	18.11	17.89	19.2
15		1	37	18	18.2	17.94	19.2
15		1	74	17.84	18.11	18.01	19.2
15		36	0	17.87	18.14	17.93	19.2
15		36	20	17.89	18.09	18.03	19.2
15		36	39	17.94	18.09	18	19.2
15		75	0	17.89	18.13	17.99	19.2
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.81	18.83	18.69	19.7
10		1	25	18.51	18.66	18.45	19.7
10		1	49	18.57	18.6	18.46	19.7
10		25	0	18.57	18.75	18.7	19.7
10		25	12	18.38	18.52	18.34	19.7
10		25	25	18.48	18.61	18.47	19.7
10		50	0	18.44	18.72	18.49	19.7
10	16QAM	1	0	18.49	18.64	18.42	19.7
10		1	25	18.27	18.38	18.35	19.7
10		1	49	18.2	18.36	18.27	19.7
10		25	0	18.3	18.58	18.41	19.7
10		25	12	18.38	18.46	18.29	19.7
10		25	25	18.6	18.67	18.45	19.7
10		50	0	18.59	18.68	18.59	19.7
10	64QAM	1	0	18.54	18.58	18.4	19.7
10		1	25	18.31	18.51	18.42	19.7
10		1	49	18.5	18.69	18.65	19.7
10		25	0	18.47	18.6	18.53	19.7
10		25	12	18.44	18.53	18.38	19.7
10		25	25	18.47	18.61	18.6	19.7
10		50	0	18.57	18.58	18.44	19.7
10	256QAM	1	0	17.87	18.05	18.02	19.2
10		1	25	17.99	18.15	17.92	19.2
10		1	49	17.81	18.1	17.99	19.2
10		25	0	17.9	18.14	17.96	19.2
10		25	12	17.93	18.08	18.06	19.2
10		25	25	18.03	18.05	18.02	19.2
10		50	0	17.84	18.15	17.96	19.2
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.75	18.77	18.75	19.7
5		1	12	18.52	18.72	18.55	19.7
5		1	24	18.57	18.57	18.43	19.7
5		12	0	18.63	18.73	18.6	19.7
5		12	7	18.35	18.6	18.36	19.7
5		12	13	18.45	18.51	18.51	19.7
5		25	0	18.48	18.67	18.5	19.7
5	16QAM	1	0	18.47	18.56	18.42	19.7
5		1	12	18.36	18.45	18.37	19.7
5		1	24	18.2	18.49	18.29	19.7
5		12	0	18.29	18.48	18.41	19.7
5		12	7	18.43	18.46	18.41	19.7
5		12	13	18.61	18.59	18.37	19.7
5		25	0	18.57	18.65	18.5	19.7
5	64QAM	1	0	18.5	18.55	18.44	19.7
5		1	12	18.42	18.51	18.41	19.7
5		1	24	18.57	18.69	18.55	19.7
5		12	0	18.43	18.6	18.45	19.7
5		12	7	18.48	18.57	18.43	19.7
5		12	13	18.49	18.63	18.49	19.7
5		25	0	18.43	18.66	18.44	19.7
5	256QAM	1	0	17.91	18.09	17.97	19.2
5		1	12	17.93	18.11	18	19.2
5		1	24	17.85	18.14	17.96	19.2
5		12	0	17.9	18.08	18.05	19.2
5		12	7	17.89	18.02	18.06	19.2
5		12	13	17.9	18.14	18.05	19.2
5		25	0	17.86	18.13	18.08	19.2

<LTE Band 41_Ant7_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.76	17.79	17.85	17.78	17.71	18.7
20		1	49	17.64	17.63	17.76	17.67	17.52	18.7
20		1	99	17.49	17.52	17.71	17.59	17.46	18.7
20		50	0	17.62	17.65	17.81	17.71	17.66	18.7
20		50	24	17.51	17.54	17.66	17.46	17.46	18.7
20		50	50	17.34	17.44	17.55	17.36	17.29	18.7
20		100	0	17.58	17.52	17.68	17.58	17.53	18.7
20	16QAM	1	0	17.42	17.51	17.6	17.52	17.33	18.7
20		1	49	17.32	17.32	17.52	17.44	17.3	18.7
20		1	99	17.32	17.44	17.53	17.35	17.36	18.7
20		50	0	17.43	17.43	17.54	17.43	17.27	18.7
20		50	24	17.43	17.39	17.58	17.46	17.3	18.7
20		50	50	17.47	17.5	17.58	17.37	17.33	18.7
20		100	0	17.56	17.67	17.77	17.64	17.62	18.7
20	64QAM	1	0	17.4	17.39	17.57	17.43	17.35	18.7
20		1	49	17.39	17.44	17.55	17.45	17.37	18.7
20		1	99	17.58	17.58	17.76	17.62	17.52	18.7
20		50	0	17.64	17.63	17.75	17.63	17.59	18.7
20		50	24	17.52	17.49	17.67	17.55	17.4	18.7
20		50	50	17.56	17.54	17.7	17.57	17.48	18.7
20		100	0	17.44	17.57	17.67	17.48	17.46	18.7
20	256QAM	1	0	16.27	16.9	17.06	16.89	16.8	18.2
20		1	49	16.47	17.06	17.21	17.12	16.9	18.2
20		1	99	16.46	17.02	17.18	17.05	16.92	18.2
20		50	0	16.54	17.14	17.24	17.14	17.03	18.2
20		50	24	16.64	17.12	17.34	17.29	17.03	18.2
20		50	50	16.53	17.16	17.3	17.19	16.97	18.2
20		100	0	16.55	17.09	17.32	17.26	17.03	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.62	17.72	17.73	17.68	17.63	18.7
15		1	37	17.51	17.55	17.69	17.57	17.4	18.7
15		1	74	17.35	17.39	17.67	17.49	17.33	18.7
15		36	0	17.51	17.62	17.77	17.6	17.58	18.7
15		36	20	17.39	17.47	17.64	17.32	17.4	18.7
15		36	39	17.23	17.35	17.42	17.33	17.24	18.7
15		75	0	17.53	17.42	17.61	17.55	17.45	18.7
15	16QAM	1	0	17.4	17.42	17.52	17.38	17.25	18.7
15		1	37	17.21	17.19	17.39	17.32	17.26	18.7
15		1	74	17.24	17.29	17.42	17.31	17.28	18.7
15		36	0	17.39	17.36	17.5	17.42	17.17	18.7
15		36	20	17.3	17.33	17.54	17.31	17.28	18.7
15		36	39	17.42	17.47	17.47	17.24	17.27	18.7
15		75	0	17.42	17.59	17.7	17.58	17.51	18.7
15	64QAM	1	0	17.36	17.32	17.48	17.41	17.21	18.7
15		1	37	17.33	17.32	17.44	17.37	17.29	18.7
15		1	74	17.52	17.47	17.68	17.6	17.42	18.7
15		36	0	17.52	17.48	17.68	17.53	17.49	18.7
15		36	20	17.38	17.43	17.62	17.48	17.28	18.7
15		36	39	17.44	17.53	17.64	17.46	17.44	18.7
15		75	0	17.41	17.55	17.64	17.42	17.44	18.7
15	256QAM	1	0	16.25	16.84	17	16.76	16.7	18.2
15		1	37	16.41	16.96	17.07	17	16.79	18.2
15		1	74	16.36	16.98	17.14	16.93	16.85	18.2
15		36	0	16.44	17.04	17.17	17.09	16.95	18.2
15		36	20	16.61	17.01	17.26	17.27	16.99	18.2
15		36	39	16.48	17.13	17.27	17.15	16.85	18.2
15		75	0	16.51	17.02	17.2	17.19	16.93	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.71	17.74	17.74	17.75	17.62	18.7
10		1	25	17.54	17.51	17.66	17.62	17.42	18.7
10		1	49	17.45	17.47	17.63	17.5	17.36	18.7
10		25	0	17.56	17.52	17.74	17.66	17.53	18.7
10		25	12	17.45	17.4	17.54	17.32	17.41	18.7
10		25	25	17.3	17.39	17.5	17.31	17.23	18.7
10		50	0	17.44	17.41	17.63	17.45	17.47	18.7
10	16QAM	1	0	17.29	17.47	17.48	17.39	17.21	18.7
10		1	25	17.27	17.26	17.42	17.43	17.21	18.7
10		1	49	17.23	17.37	17.51	17.26	17.3	18.7
10		25	0	17.41	17.35	17.46	17.36	17.25	18.7
10		25	12	17.31	17.3	17.5	17.32	17.25	18.7
10		25	25	17.46	17.48	17.54	17.3	17.18	18.7
10		50	0	17.46	17.57	17.73	17.59	17.57	18.7
10	64QAM	1	0	17.33	17.27	17.5	17.42	17.29	18.7
10		1	25	17.35	17.36	17.49	17.32	17.34	18.7
10		1	49	17.49	17.49	17.66	17.47	17.44	18.7
10		25	0	17.53	17.49	17.61	17.56	17.54	18.7
10		25	12	17.38	17.38	17.53	17.53	17.26	18.7
10		25	25	17.42	17.51	17.64	17.44	17.34	18.7
10		50	0	17.32	17.51	17.56	17.35	17.33	18.7
10	256QAM	1	0	16.24	16.83	16.96	16.75	16.69	18.2
10		1	25	16.46	17.03	17.1	17.08	16.78	18.2
10		1	49	16.34	17	17.08	16.98	16.81	18.2
10		25	0	16.43	17.08	17.09	17.08	17.02	18.2
10		25	12	16.56	17.04	17.31	17.22	17.02	18.2
10		25	25	16.4	17.1	17.22	17.12	16.92	18.2
10		50	0	16.47	17.08	17.2	17.23	16.91	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17.73	17.7	17.81	17.64	17.63	18.7
5		1	12	17.51	17.6	17.62	17.6	17.38	18.7
5		1	24	17.44	17.37	17.56	17.46	17.38	18.7
5		12	0	17.57	17.53	17.8	17.56	17.59	18.7
5		12	7	17.47	17.46	17.54	17.39	17.43	18.7
5		12	13	17.27	17.33	17.47	17.27	17.2	18.7
5		25	0	17.44	17.48	17.55	17.52	17.44	18.7
5	16QAM	1	0	17.32	17.41	17.49	17.44	17.29	18.7
5		1	12	17.27	17.18	17.4	17.42	17.16	18.7
5		1	24	17.26	17.36	17.49	17.23	17.29	18.7
5		12	0	17.37	17.39	17.52	17.38	17.18	18.7
5		12	7	17.33	17.28	17.44	17.35	17.2	18.7
5		12	13	17.44	17.37	17.44	17.3	17.27	18.7
5		25	0	17.43	17.54	17.74	17.58	17.57	18.7
5	64QAM	1	0	17.35	17.35	17.45	17.4	17.26	18.7
5		1	12	17.3	17.4	17.45	17.31	17.31	18.7
5		1	24	17.53	17.48	17.73	17.47	17.45	18.7
5		12	0	17.51	17.52	17.61	17.55	17.56	18.7
5		12	7	17.43	17.47	17.61	17.47	17.38	18.7
5		12	13	17.5	17.45	17.67	17.49	17.37	18.7
5		25	0	17.3	17.46	17.66	17.36	17.35	18.7
5	256QAM	1	0	16.14	16.77	16.91	16.84	16.71	18.2
5		1	12	16.39	17.05	17.11	17	16.79	18.2
5		1	24	16.32	16.94	17.09	16.93	16.82	18.2
5		12	0	16.53	16.99	17.21	17.07	16.99	18.2
5		12	7	16.62	17.04	17.26	17.2	16.97	18.2
5		12	13	16.43	17.05	17.28	17.09	16.83	18.2
5		25	0	16.49	17.06	17.19	17.22	16.96	18.2

<LTE Band 42 (27Q)_Ant9_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.58	17.63	17.47	18.8
20		1	49	17.49	17.61	17.32	18.8
20		1	99	17.37	17.57	17.27	18.8
20		50	0	17.51	17.61	17.35	18.8
20		50	24	17.37	17.46	17.24	18.8
20		50	50	17.31	17.44	17.17	18.8
20		100	0	17.39	17.53	17.23	18.8
20	16QAM	1	0	17.29	17.41	17.15	18.8
20		1	49	17.21	17.29	17.02	18.8
20		1	99	17.22	17.31	17.09	18.8
20		50	0	17.33	17.39	17.18	18.8
20		50	24	17.24	17.4	17.1	18.8
20		50	50	17.3	17.45	17.26	18.8
20		100	0	17.28	17.46	17.15	18.8
20	64QAM	1	0	17.35	17.42	17.15	18.8
20		1	49	17.18	17.33	17.04	18.8
20		1	99	17.45	17.6	17.34	18.8
20		50	0	17.32	17.47	17.19	18.8
20		50	24	17.18	17.36	17.09	18.8
20		50	50	17.48	17.55	17.26	18.8
20		100	0	17.28	17.47	17.17	18.8
20	256QAM	1	0	15.66	15.75	15.65	16.8
20		1	49	15.6	15.71	15.55	16.8
20		1	99	15.71	15.85	15.81	16.8
20		50	0	15.71	15.8	15.76	16.8
20		50	24	15.58	15.73	15.63	16.8
20		50	50	15.59	15.72	15.64	16.8
20		100	0	15.62	15.75	15.67	16.8
Channel				42165	42590	43015	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.49	17.48	17.44	18.8
15		1	37	17.42	17.57	17.22	18.8
15		1	74	17.36	17.51	17.16	18.8
15		36	0	17.43	17.5	17.29	18.8
15		36	20	17.31	17.34	17.21	18.8
15		36	39	17.21	17.4	17.06	18.8
15		75	0	17.3	17.48	17.09	18.8
15	16QAM	1	0	17.17	17.32	17.06	18.8
15		1	37	17.12	17.14	16.92	18.8
15		1	74	17.16	17.18	17.02	18.8
15		36	0	17.19	17.26	17.12	18.8
15		36	20	17.23	17.25	17	18.8
15		36	39	17.16	17.34	17.16	18.8
15		75	0	17.25	17.39	17.06	18.8
15	64QAM	1	0	17.25	17.32	17.02	18.8
15		1	37	17.04	17.31	16.97	18.8
15		1	74	17.34	17.48	17.33	18.8
15		36	0	17.21	17.45	17.04	18.8
15		36	20	17.1	17.25	16.96	18.8
15		36	39	17.39	17.52	17.14	18.8
15		75	0	17.19	17.44	17.11	18.8
15	256QAM	1	0	15.52	15.73	15.51	16.8
15		1	37	15.49	15.6	15.48	16.8
15		1	74	15.68	15.78	15.67	16.8
15		36	0	15.69	15.67	15.7	16.8
15		36	20	15.46	15.6	15.49	16.8
15		36	39	15.5	15.59	15.54	16.8
15		75	0	15.53	15.64	15.64	16.8
Channel				42140	42590	43040	Tune-up Limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.48	17.49	17.41	18.8
10		1	25	17.4	17.57	17.29	18.8
10		1	49	17.26	17.46	17.15	18.8
10		25	0	17.44	17.51	17.33	18.8
10		25	12	17.34	17.37	17.2	18.8
10		25	25	17.25	17.37	17.04	18.8
10		50	0	17.32	17.49	17.1	18.8
10	16QAM	1	0	17.24	17.32	17.09	18.8
10		1	25	17.2	17.26	16.9	18.8
10		1	49	17.14	17.27	16.96	18.8
10		25	0	17.31	17.27	17.15	18.8
10		25	12	17.19	17.31	17.02	18.8
10		25	25	17.27	17.36	17.12	18.8
10		50	0	17.25	17.32	17.11	18.8
10	64QAM	1	0	17.28	17.34	17.06	18.8
10		1	25	17.14	17.32	16.96	18.8
10		1	49	17.41	17.58	17.24	18.8
10		25	0	17.23	17.33	17.14	18.8
10		25	12	17.11	17.28	17.06	18.8
10		25	25	17.42	17.42	17.24	18.8
10		50	0	17.19	17.36	17.14	18.8
10	256QAM	1	0	15.62	15.74	15.6	16.8
10		1	25	15.45	15.62	15.53	16.8
10		1	49	15.66	15.71	15.79	16.8
10		25	0	15.67	15.72	15.71	16.8
10		25	12	15.5	15.66	15.59	16.8
10		25	25	15.57	15.63	15.58	16.8
10		50	0	15.48	15.73	15.64	16.8
Channel				42115	42590	43065	Tune-up Limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.45	17.56	17.34	18.8
5		1	12	17.38	17.54	17.31	18.8
5		1	24	17.23	17.55	17.2	18.8
5		12	0	17.39	17.49	17.33	18.8
5		12	7	17.33	17.32	17.22	18.8
5		12	13	17.17	17.43	17.03	18.8
5		25	0	17.35	17.49	17.13	18.8
5	16QAM	1	0	17.26	17.26	17.07	18.8
5		1	12	17.14	17.16	16.96	18.8
5		1	24	17.17	17.2	16.94	18.8
5		12	0	17.21	17.29	17.12	18.8
5		12	7	17.14	17.39	17	18.8
5		12	13	17.16	17.42	17.21	18.8
5		25	0	17.23	17.4	17.13	18.8
5	64QAM	1	0	17.3	17.37	17.07	18.8
5		1	12	17.14	17.28	16.92	18.8
5		1	24	17.31	17.52	17.24	18.8
5		12	0	17.27	17.37	17.06	18.8
5		12	7	17.07	17.23	16.95	18.8
5		12	13	17.36	17.4	17.13	18.8
5		25	0	17.21	17.39	17.11	18.8
5	256QAM	1	0	15.64	15.67	15.64	16.8
5		1	12	15.52	15.6	15.47	16.8
5		1	24	15.65	15.84	15.7	16.8
5		12	0	15.65	15.68	15.74	16.8
5		12	7	15.46	15.65	15.54	16.8
5		12	13	15.55	15.69	15.56	16.8
5		25	0	15.58	15.62	15.6	16.8

<LTE Band 48_Ant9_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	17.91	17.97	18.03	17.88	17.82	18.9
20		1	49	17.66	17.75	17.92	17.62	17.6	18.9
20		1	99	17.82	17.82	17.96	17.79	17.71	18.9
20		50	0	17.85	17.79	17.98	17.8	17.72	18.9
20		50	24	17.56	17.75	17.82	17.55	17.52	18.9
20		50	50	17.61	17.67	17.85	17.67	17.63	18.9
20		100	0	17.77	17.73	17.93	17.67	17.61	18.9
20	16QAM	1	0	17.63	17.63	17.78	17.49	17.45	18.9
20		1	49	17.66	17.7	17.85	17.69	17.51	18.9
20		1	99	17.61	17.62	17.76	17.54	17.45	18.9
20		50	0	16.76	16.94	17.11	16.9	16.62	17.9
20		50	24	16.79	16.96	17.14	16.96	16.73	17.9
20		50	50	16.63	16.87	17.06	16.87	16.57	17.9
20		100	0	16.69	16.93	17.04	16.89	16.59	17.9
20	64QAM	1	0	16.78	16.97	17.14	16.88	16.68	17.9
20		1	49	16.95	17.11	17.29	17.15	16.81	17.9
20		1	99	16.86	17.11	17.24	17.04	16.85	17.9
20		50	0	15.75	15.89	16.07	15.92	15.6	16.9
20		50	24	15.69	15.91	16.1	15.88	15.67	16.9
20		50	50	15.69	15.88	16.02	15.81	15.63	16.9
20		100	0	15.74	16.02	16.14	15.89	15.71	16.9
20	256QAM	1	0	13.78	14	14.1	13.93	13.66	14.9
20		1	49	13.76	13.96	14.09	13.88	13.7	14.9
20		1	99	13.78	13.99	14.11	13.88	13.74	14.9
20		50	0	13.77	14.05	14.17	13.98	13.79	14.9
20		50	24	13.82	14.06	14.15	13.95	13.7	14.9
20		50	50	13.85	13.97	14.17	14.01	13.85	14.9
20		100	0	13.79	14.08	14.18	13.96	13.83	14.9
Channel				55315	55820	55990	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	17.81	17.84	17.92	17.77	17.71	18.9
15		1	37	17.63	17.72	17.81	17.48	17.5	18.9
15		1	74	17.8	17.79	17.91	17.68	17.7	18.9
15		36	0	17.82	17.74	17.87	17.75	17.65	18.9
15		36	20	17.5	17.64	17.71	17.43	17.46	18.9
15		36	39	17.6	17.53	17.82	17.63	17.56	18.9
15		75	0	17.67	17.71	17.86	17.59	17.52	18.9
15	16QAM	1	0	17.57	17.53	17.68	17.46	17.44	18.9
15		1	37	17.52	17.67	17.72	17.65	17.39	18.9
15		1	74	17.51	17.61	17.65	17.42	17.44	18.9
15		36	0	16.65	16.92	16.98	16.76	16.59	17.9
15		36	20	16.77	16.89	17.03	16.95	16.61	17.9
15		36	39	16.52	16.74	16.97	16.79	16.45	17.9
15		75	0	16.59	16.78	17	16.86	16.54	17.9
15	64QAM	1	0	16.68	16.88	17.05	16.77	16.65	17.9
15		1	37	16.82	16.99	17.27	17.05	16.79	17.9
15		1	74	16.8	17.01	17.16	16.95	16.79	17.9
15		36	0	15.69	15.77	15.99	15.86	15.46	16.9
15		36	20	15.65	15.82	16.06	15.82	15.57	16.9
15		36	39	15.66	15.76	15.98	15.67	15.56	16.9
15		75	0	15.59	15.89	16.08	15.77	15.69	16.9
15	256QAM	1	0	13.77	13.89	14.03	13.88	13.58	14.9
15		1	37	13.63	13.88	13.96	13.78	13.65	14.9
15		1	74	13.68	13.86	14	13.81	13.68	14.9
15		36	0	13.65	14.02	14.15	13.87	13.77	14.9
15		36	20	13.72	14.03	14.06	13.86	13.67	14.9
15		36	39	13.71	13.87	14.02	13.99	13.77	14.9
15		75	0	13.69	13.99	14.05	13.94	13.69	14.9
Channel				55290	55815	55990	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	17.86	17.86	18.01	17.75	17.78	18.9
10		1	25	17.62	17.74	17.91	17.51	17.52	18.9
10		1	49	17.8	17.78	17.87	17.77	17.6	18.9
10		25	0	17.73	17.71	17.88	17.74	17.64	18.9
10		25	12	17.51	17.73	17.77	17.5	17.44	18.9
10		25	25	17.47	17.62	17.81	17.63	17.62	18.9
10		50	0	17.66	17.71	17.8	17.56	17.47	18.9
10	16QAM	1	0	17.49	17.59	17.69	17.42	17.3	18.9
10		1	25	17.52	17.67	17.7	17.6	17.45	18.9
10		1	49	17.51	17.51	17.69	17.45	17.32	18.9
10		25	0	16.62	16.81	17	16.75	16.54	17.9
10		25	12	16.78	16.91	17	16.95	16.59	17.9
10		25	25	16.56	16.85	16.92	16.85	16.5	17.9
10		50	0	16.55	16.84	16.96	16.76	16.57	17.9
10	64QAM	1	0	16.67	16.93	17.04	16.76	16.58	17.9
10		1	25	16.84	17.04	17.24	17.09	16.76	17.9
10		1	49	16.84	16.98	17.12	17.02	16.71	17.9
10		25	0	15.63	15.86	16.06	15.89	15.51	16.9
10		25	12	15.63	15.77	15.95	15.8	15.65	16.9
10		25	25	15.59	15.84	16	15.69	15.6	16.9
10		50	0	15.66	15.99	16.11	15.77	15.6	16.9
10	256QAM	1	0	13.74	13.92	14.04	13.88	13.62	14.9
10		1	25	13.64	13.93	13.98	13.77	13.59	14.9
10		1	49	13.72	13.91	13.99	13.87	13.71	14.9
10		25	0	13.72	13.95	14.14	13.9	13.75	14.9
10		25	12	13.68	13.97	14.05	13.89	13.63	14.9
10		25	25	13.72	13.92	14.03	13.91	13.75	14.9
10		50	0	13.68	13.98	14.06	13.91	13.74	14.9
Channel				55265	55810	55990	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	17.82	17.9	17.97	17.73	17.7	18.9
5		1	12	17.56	17.68	17.85	17.48	17.5	18.9
5		1	24	17.69	17.74	17.87	17.76	17.57	18.9
5		12	0	17.78	17.65	17.86	17.74	17.61	18.9
5		12	7	17.54	17.71	17.76	17.52	17.43	18.9
5		12	13	17.46	17.63	17.77	17.57	17.49	18.9
5		25	0	17.72	17.67	17.8	17.52	17.47	18.9
5	16QAM	1	0	17.5	17.62	17.75	17.42	17.32	18.9
5		1	12	17.61	17.61	17.78	17.61	17.46	18.9
5		1	24	17.59	17.58	17.69	17.48	17.37	18.9
5		12	0	16.7	16.86	16.99	16.79	16.57	17.9
5		12	7	16.74	16.89	17.07	16.86	16.6	17.9
5		12	13	16.59	16.81	16.94	16.79	16.44	17.9
5		25	0	16.64	16.81	16.97	16.8	16.51	17.9
5	64QAM	1	0	16.63	16.88	17.08	16.78	16.53	17.9
5		1	12	16.81	17.05	17.17	17.07	16.66	17.9
5		1	24	16.79	17.06	17.15	16.92	16.75	17.9
5		12	0	15.72	15.81	15.94	15.82	15.46	16.9
5		12	7	15.68	15.82	16.03	15.76	15.6	16.9
5		12	13	15.59	15.78	15.9	15.67	15.55	16.9
5		25	0	15.65	15.95	16.07	15.85	15.63	16.9
5	256QAM	1	0	13.65	13.95	13.95	13.91	13.52	14.9
5		1	12	13.64	13.86	13.95	13.85	13.55	14.9
5		1	24	13.66	13.87	14.02	13.84	13.59	14.9
5		12	0	13.63	13.94	14.03	13.93	13.76	14.9
5		12	7	13.8	13.98	14.13	13.86	13.62	14.9
5		12	13	13.79	13.89	14.05	13.95	13.83	14.9
5		25	0	13.7	13.95	14.1	13.92	13.71	14.9

<FR1 n5_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	25.43	25.42	25.41	25.7
20		1	53	25.27	25.44	25.25	25.7
20		1	104	25.4	25.43	25.36	25.7
20	PI/2 BPSK	50	0	24.66	24.67	24.64	25.2
20		50	28	25.29	25.44	25.37	25.7
20		50	56	24.79	24.87	24.75	25.2
20		100	0	24.61	24.62	24.61	25.2
20		1	1	25.27	25.42	25.37	25.7
20		1	53	25.25	25.4	25.22	25.7
20		1	104	25.21	25.36	25.26	25.7
20	QPSK	50	0	24.29	24.44	24.36	24.7
20		50	28	25.37	25.4	25.33	25.7
20		50	56	24.26	24.38	24.2	24.7
20		100	0	24.32	24.46	24.34	24.7
20	16QAM	1	1	24.29	24.38	24.32	24.7
20	64QAM	1	1	22.73	22.8	22.62	23.2
20	256QAM	1	1	20.64	20.67	20.78	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.37	25.43	25.36	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.35	25.33	25.35	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.4	25.32	25.34	25.7

<FR1 n12_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,650	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	24.84	25.28	24.86	25.7
15		1	40	24.69	25.2	24.86	25.7
15	PI/2 BPSK	1	77	24.73	25.27	24.89	25.7
15		36	0	24.04	24.5	24.09	25.2
15		36	22	24.3	24.69	24.37	25.7
15		36	43	24.38	24.82	24.38	25.2
15		75	0	24.39	24.85	24.49	25.2
15		1	1	24.78	25.3	24.98	25.7
15		1	40	24.79	25.31	24.86	25.7
15		1	77	24.81	25.32	24.87	25.7
15	QPSK	36	0	23.71	24.18	23.84	24.7
15		36	22	24.37	24.82	24.46	25.7
15		36	43	23.84	24.32	23.97	24.7
15		75	0	23.8	24.36	24.01	24.7
15	16QAM	1	1	23.6	24.16	23.76	24.7
15	64QAM	1	1	22.17	22.66	22.2	23.2
15	256QAM	1	1	20.3	20.72	20.32	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.78	25.34	24.84	25.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.75	25.22	24.84	25.7

<FR1 n26_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	25.29	25.43	25.33	25.7
20		1	63	25.11	25.4	25.18	25.7
20		1	104	25.06	25.31	25.14	25.7
20	PI/2 BPSK	50	0	24.69	24.87	24.66	25.2
20		50	28	25.24	25.4	25.28	25.7
20		50	56	24.68	24.87	24.71	25.2
20		100	0	24.7	24.9	24.72	25.2
20		1	1	25.16	25.39	25.1	25.7
20		1	63	25.08	25.29	25.08	25.7
20		1	104	25.09	25.39	25.07	25.7
20	QPSK	50	0	24.23	24.38	24.14	24.7
20		50	28	25.19	25.39	25.2	25.7
20		50	56	24.15	24.35	24.14	24.7
20		100	0	24.14	24.4	24.27	24.7
20	16QAM	1	1	24.11	24.28	24.08	24.7
20	64QAM	1	1	22.5	22.72	22.6	23.2
20	256QAM	1	1	20.54	20.75	20.84	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.24	25.33	25.29	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.17	25.37	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.16	25.42	25.27	25.7

<FR1 n5_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	25.31	25.50	25.34	25.7
20		1	53	25.23	25.3	25.16	25.7
20		1	104	25.12	25.28	25.14	25.7
20	PI/2 BPSK	50	0	24.62	24.81	24.73	25.2
20		50	28	25.13	25.29	25.16	25.7
20		50	56	24.63	24.74	24.59	25.2
20		100	0	24.68	24.77	24.68	25.2
20		1	1	25.23	25.3	25.15	25.7
20		1	53	25.17	25.3	25.25	25.7
20		1	104	25.13	25.23	25.16	25.7
20	QPSK	50	0	24.2	24.33	24.2	24.7
20		50	28	25.02	25.2	25.09	25.7
20		50	56	24.14	24.26	24.16	24.7
20		100	0	24.13	24.2	24.17	24.7
20	16QAM	1	1	24.07	24.23	24.12	24.7
20	64QAM	1	1	23.04	23.72	23.62	23.2
20	256QAM	1	1	20.63	20.71	20.62	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.2	25.28	25.22	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.24	25.31	25.33	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.22	25.27	25.31	25.7

<FR1 n12_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	25.39	25.4	25.36	25.7
15		1	49	25.07	25.27	25.2	25.7
15	PI/2 BPSK	1	77	25.14	25.3	25.23	25.7
15		36	0	24.77	24.96	24.78	25.2
15		36	22	25.1	25.3	25.19	25.7
15		36	43	24.71	24.87	24.81	25.2
15		75	0	24.71	24.83	24.74	25.2
15		1	1	25.19	25.37	25.23	25.7
15		1	49	25.36	25.39	25.32	25.7
15		1	77	25.13	25.27	25.09	25.7
15	QPSK	36	0	24.4	24.49	24.44	24.7
15		36	22	25.09	25.29	25.11	25.7
15		36	43	24.21	24.36	24.25	24.7
15		75	0	24.16	24.35	24.26	24.7
15	16QAM	1	1	24.25	24.37	24.24	24.7
15	64QAM	1	1	22.67	22.83	22.67	23.2
15	256QAM	1	1	20.6	20.8	20.72	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	25.32	25.39	25.28	25.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				703.5	707.5	713.5	
5	PI/2 BPSK	1	1	25.29	25.35	25.32	25.7

<FR1 n26_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	25.23	25.42	25.34	25.7
20		1	53	25.17	25.37	25.18	25.7
20		1	104	24.93	25.23	25.03	25.7
20	PI/2 BPSK	50	0	24.68	24.92	24.71	25.2
20		50	28	25.14	25.37	25.25	25.7
20		50	56	24.58	24.83	24.66	25.2
20		100	0	24.58	24.83	24.68	25.2
20		1	1	25.09	25.36	25.13	25.7
20		1	53	25	25.21	25.1	25.7
20		1	104	24.88	25.21	25.12	25.7
20	QPSK	50	0	24.04	24.38	24.16	24.7
20		50	28	25.04	25.27	25.05	25.7
20		50	56	24.03	24.31	24.15	24.7
20		100	0	24.08	24.38	24.1	24.7
20	16QAM	1	1	23.96	24.29	24.14	24.7
20	64QAM	1	1	22.52	22.78	22.68	23.2
20	256QAM	1	1	20.64	20.79	20.62	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.19	25.4	25.3	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.11	25.4	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.11	25.38	25.25	25.7

<FR1 n2_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	25.25	25.27	25.26	25.7
40		1	108	25.09	25.24	25.13	25.7
40		1	214	25.09	25.21	25.16	25.7
40	Pi/2 BPSK	108	0	24.53	24.66	24.6	25.2
40		108	54	25.19	25.26	25.17	25.7
40		108	108	24.53	24.57	24.45	25.2
40		216	0	24.56	24.69	24.65	25.2
40		1	1	25.05	25.22	25.19	25.7
40		1	108	25.08	25.19	25.09	25.7
40		1	214	25.13	25.24	25.12	25.7
40	QPSK	108	0	24.1	24.16	24.13	24.7
40		108	54	25.11	25.14	25.04	25.7
40		108	108	23.95	24.06	24.02	24.7
40		216	0	24.04	24.09	24.02	24.7
40	16QAM	1	1	24	24.09	24	24.7
40	64QAM	1	1	22.36	22.5	22.41	23.2
40	256QAM	1	1	20.36	20.48	20.36	21.2
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	25.15	25.23	25.16	25.7
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	25.19	25.18	25.21	25.7
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	25.21	25.15	25.18	25.7
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	25.19	25.16	25.18	25.7
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	25.13	25.15	25.25	25.7
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	25.15	25.21	25.22	25.7
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	25.15	25.16	25.15	25.7

<FR1 n7_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	25.42	25.48	25.47	25.7
50		1	135	25.28	25.45	25.37	25.7
50		1	268	25.3	25.46	25.4	25.7
50	Pi/2 BPSK	135	0	24.74	24.92	24.87	25.2
50		135	68	25.34	25.48	25.39	25.7
50		135	135	24.76	24.87	24.85	25.2
50		270	0	24.76	24.86	24.82	25.2
50		1	1	25.16	25.33	25.22	25.7
50		1	135	25.26	25.36	25.29	25.7
50		1	268	25.15	25.35	25.2	25.7
50	QPSK	135	0	24.13	24.32	24.23	24.7
50		135	68	25.28	25.41	25.39	25.7
50		135	135	23.75	23.9	23.75	24.7
50		270	0	24.17	24.26	24.14	24.7
50	16QAM	1	1	24.12	24.21	24.17	24.7
50	64QAM	1	1	22.59	22.78	22.65	23.2
50	256QAM	1	1	20.7	20.76	20.68	21.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	25.29	25.44	25.42	25.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	25.34	25.46	25.35	25.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	25.37	25.34	25.33	25.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	25.28	25.41	25.34	25.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	25.31	25.47	25.33	25.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	25.28	25.36	25.41	25.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	25.32	25.47	25.33	25.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	25.28	25.46	25.42	25.7

<FR1 n25_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	25.19	25.33	25.3	25.7
40		1	108	25.03	25.25	25.08	25.7
40		1	214	25.12	25.3	25.18	25.7
40		108	0	24.42	24.66	24.58	25.2
40		108	54	25.03	25.22	25.17	25.7
40		108	108	24.37	24.64	24.5	25.2
40		216	0	24.48	24.68	24.53	25.2
40	QPSK	1	1	25.08	25.25	25.12	25.7
40		1	108	24.92	25.13	24.96	25.7
40		1	214	25.1	25.28	25.2	25.7
40		108	0	23.87	24.12	23.95	24.7
40		108	54	24.93	25.12	25.03	25.7
40		108	108	23.99	24.14	23.97	24.7
40		216	0	23.93	24.17	24.02	24.7
40	16QAM	1	1	23.91	24.18	24.08	24.7
40	64QAM	1	1	22.44	22.67	22.51	23.2
40	256QAM	1	1	20.3	20.45	20.36	21.2
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	25.05	25.29	25.24	25.7
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	25.07	25.23	25.27	25.7
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	25.13	25.3	25.18	25.7
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	25.12	25.2	25.28	25.7
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	25.12	25.28	25.28	25.7
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	25.17	25.27	25.21	25.7
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	25.08	25.28	25.21	25.7

<FR1 n66_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.4	25.45	25.43	25.7
45		1	120	25.32	25.4	25.26	25.7
45		1	240	25.24	25.35	25.27	25.7
45		120	0	24.76	24.94	24.78	25.2
45		120	60	25.28	25.35	25.21	25.7
45		120	120	24.81	24.9	24.82	25.2
45		240	0	24.73	24.9	24.85	25.2
45	QPSK	1	1	25.31	25.44	25.4	25.7
45		1	120	25.33	25.43	25.39	25.7
45		1	240	25.33	25.41	25.28	25.7
45		120	0	24.25	24.35	24.21	24.7
45		120	60	25.32	25.4	25.31	25.7
45		120	120	24.36	24.42	24.38	24.7
45		240	0	24.34	24.47	24.33	24.7
45	16QAM	1	1	24.24	24.31	24.2	24.7
45	64QAM	1	1	22.63	22.81	22.77	23.2
45	256QAM	1	1	20.57	20.73	20.68	21.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.37	25.33	25.28	25.7
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.3	25.31	25.37	25.7
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.31	25.31	25.3	25.7
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.27	25.39	25.42	25.7
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.31	25.38	25.37	25.7
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.27	25.35	25.29	25.7
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	25.33	25.41	25.37	25.7
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	25.34	25.36	25.31	25.7

<FR1 n38_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	518998	520000	
Frequency (MHz)				2580	2649	2680	
40		1	1	25.31	25.34	25.32	25.7
40		1	53	25.17	25.26	25.17	25.7
40		1	104	25.05	25.16	25.13	25.7
40	PI/2 BPSK	50	0	24.81	24.97	24.92	25.2
40		50	28	25.23	25.27	25.17	25.7
40		50	56	24.65	24.74	24.7	25.2
40		100	0	24.73	24.86	24.83	25.2
40		1	1	25.24	25.31	25.22	25.7
40		1	53	25.13	25.22	25.13	25.7
40		1	104	25.05	25.17	25.01	25.7
40	QPSK	50	0	25.26	25.42	25.28	25.7
40		50	28	25.25	25.39	25.28	25.7
40		50	56	24.29	24.36	24.27	24.7
40		100	0	24.27	24.32	24.17	24.7
40	16QAM	1	1	24.44	24.5	24.38	24.7
40	64QAM	1	1	22.85	22.93	22.82	23.2
40	256QAM	1	1	20.32	20.65	20.58	21.2
Channel				517000	518998	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2649	2680	
30	PI/2 BPSK	1	1	25.25	25.2	25.29	25.7
Channel				518000	518998	521000	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2649	2677.5	
25	PI/2 BPSK	1	1	25.17	25.2	25.28	25.7
Channel				518500	518998	521500	Tune-up Limit (dBm)
Frequency (MHz)				2585	2649	2715	
20	PI/2 BPSK	1	1	25.25	25.2	25.27	25.7
Channel				519000	518998	522000	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2649	2812.5	
15	PI/2 BPSK	1	1	25.27	25.21	25.23	25.7
Channel				519500	518998	521500	Tune-up Limit (dBm)
Frequency (MHz)				2575	2649	2715	
10	PI/2 BPSK	1	1	25.26	25.28	25.22	25.7

<FR1 n41_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	536030	
Frequency (MHz)				2684.01	2692.99	2699	
100		1	1	24.52	25	24.94	25.7
100		1	137	24.6	24.74	24.65	25.7
100		1	271	24.64	24.92	24.68	25.7
100	PI/2 BPSK	136	0	24.69	24.98	24.68	25.7
100		136	69	24.57	24.75	24.62	25.7
100		136	136	24.65	24.86	24.75	25.7
100		270	0	24.77	24.92	24.73	25.7
100		1	1	24.74	24.96	24.7	25.7
100		1	137	24.63	24.8	24.67	25.7
100		1	271	24.6	24.93	24.72	25.7
100	QPSK	136	0	24.79	24.99	24.72	25.7
100		136	69	24.64	24.79	24.68	25.7
100		136	136	24.76	24.95	24.72	25.7
100		270	0	24.69	24.9	24.4	25.7
100	16QAM	1	1	24.77	24.94	24.82	25.7
100	64QAM	1	1	24.27	24.39	24.23	24.2
100	256QAM	1	1	21.93	22.14	21.88	22.7
Channel				506230	518998	536198	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2698.98	
90	PI/2 BPSK	1	1	24.78	24.94	24.62	25.7
Channel				507228	518998	535938	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2698.94	
80	PI/2 BPSK	1	1	24.82	24.92	24.83	25.7
Channel				506232	518998	537198	Tune-up Limit (dBm)
Frequency (MHz)				2684.03	2692.98	2699	
70	PI/2 BPSK	1	1	24.77	24.96	24.89	25.7
Channel				506238	518998	537198	Tune-up Limit (dBm)
Frequency (MHz)				2684	2692.98	2699.98	
60	PI/2 BPSK	1	1	24.66	24.89	24.83	25.7
Channel				506238	518998	536198	Tune-up Limit (dBm)
Frequency (MHz)				2682.02	2692.98	2698.98	
50	PI/2 BPSK	1	1	24.83	24.98	24.81	25.7
Channel				506196	518998	536398	Tune-up Limit (dBm)
Frequency (MHz)				2676.9	2692.98	2697.48	
45	PI/2 BPSK	1	1	24.83	24.99	24.86	25.7
Channel				506252	518998	536030	Tune-up Limit (dBm)
Frequency (MHz)				2684.01	2692.99	2699	
40	PI/2 BPSK	1	1	24.8	24.94	24.88	25.7
Channel				506794	518998	536498	Tune-up Limit (dBm)
Frequency (MHz)				2671.52	2692.98	2697.48	
35	PI/2 BPSK	1	1	24.9	24.98	24.89	25.7
Channel				506230	518998	536198	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2698.98	
30	PI/2 BPSK	1	1	24.96	24.89	24.85	25.7
Channel				507152	518998	536018	Tune-up Limit (dBm)
Frequency (MHz)				2684.01	2692.99	2697.9	
25	PI/2 BPSK	1	1	24.89	24.97	24.86	25.7
Channel				507254	518998	536018	Tune-up Limit (dBm)
Frequency (MHz)				2684.02	2692.99	2679.99	
20	PI/2 BPSK	1	1	24.9	24.86	24.89	25.7
Channel				506706	518998	536198	Tune-up Limit (dBm)
Frequency (MHz)				2682.9	2692.98	2682.48	
15	PI/2 BPSK	1	1	24.88	24.87	24.86	25.7
Channel				506252	518998	537252	Tune-up Limit (dBm)
Frequency (MHz)				2681.01	2692.99	2693	
10	PI/2 BPSK	1	1	24.79	24.94	24.79	25.7

<FR1 n41_HPUE_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	536030	
Frequency (MHz)				2684.01	2692.99	2699	
100		1	1	26.4	26.61	26.31	27
100		1	137	26.29	26.33	26.08	27
100		1	271	26.31	26.42	26.24	27
100	PI/2 BPSK	136	0	25.77	25.93	25.61	26.3
100		136	69	26.26	26.37	26.14	27
100		136	136	25.8	25.91	25.77	26.3
100		270	0	25.82	25.93	25.71	26.3
100		1	1	26.26	26.3	26.05	27
100		1	137	26.13	26.23	26.02	27
100		1	271	26.36	26.4	26.22	27
100	QPSK	136	0	25.99	25.91	25.81	26
100		136	69	26.16	26.29	26.06	27
100		136	136	25.25	25.42	25.27	26
100		270	0	25.2	25.37	25.19	26
100	16QAM	1	1	25.23	25.41	25.17	26
100	64QAM	1	1	23.61	23.8	23.71	24.5
100	256QAM	1	1	21.4	21.51	21.35	22.5
Channel				506230	518998	536198	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2698.98	
90	PI/2 BPSK	1	1	26.37	26.39	26.18	27
Channel				507254	518998	536398	Tune-up Limit (dBm)
Frequency (MHz)				2686.02	2692.98	2699.94	
80	PI/2 BPSK	1	1	26.32	26.4	26.19	27
Channel				506252	518998	537198	Tune-up Limit (dBm)
Frequency (MHz)				2681.01	2692.99	2699	
70	PI/2 BPSK	1	1	26.32	26.3	26.19	27
Channel				506230	518998	537198	Tune-up Limit (dBm)
Frequency (MHz)				2686	2692.98	2699.98	
60	PI/2 BPSK	1	1	26.25	26.31	26.25	27
Channel				506238	518998	536398	Tune-up Limit (dBm)
Frequency (MHz)				2681.02	2692.98	2699.94	
50	PI/2 BPSK	1	1	26.39	26.39	26.2	27
Channel				507350	518998	535998	Tune-up Limit (dBm)
Frequency (MHz)				2678.5	2692.98	2697.48	
45	PI/2 BPSK	1	1	26.26	26.33	26.26	27
Channel				507252	518998	535998	Tune-up Limit (dBm)
Frequency (MHz)				2681.01	2692.98	2697.9	
40	PI/2 BPSK	1	1	26.27	26.33	26.24	27
Channel				507794	518998	536498	Tune-up Limit (dBm)
Frequency (MHz)				2671.52	2692.98	2697.48	
35	PI/2 BPSK	1	1	26.35	26.36	26.27	27
Channel				507253	518998	536998	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2679.98	
30	PI/2 BPSK	1	1	26.29	26.33	26.2	27
Channel				507153	518998	537018	Tune-up Limit (dBm)
Frequency (MHz)				2684.01	2692.99	2697.9	
25	PI/2 BPSK	1	1	26.28	26.42	26.17	27
Channel				507254	518998	537018	Tune-up Limit (dBm)
Frequency (MHz)				2686.02	2692.99	2679.99	
20	PI/2 BPSK	1	1	26.26	26.32	26.25	27
Channel				507754	518998	536998	Tune-up Limit (dBm)
Frequency (MHz)				2682.9	2692.98	2682.48	
15	PI/2 BPSK	1	1	26.27	26.36	26.22	27
Channel				507252	518998	537252	Tune-up Limit (dBm)
Frequency (MHz)				2681.01	2692.99	2693	
10	PI/2 BPSK	1	1	26.36	26.34	26.19	27

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3600	3609.99	3619.98	
40		1	1	23.46	23.79	23.79	25
40		1	53	23.1	23.54	23.46	25
40	PI/2 BPSK	1	104	23.16	23.52	23.43	25
40		50	0	22.79	23.2	23.07	24.5
40		50	26	23.37	23.76	23.7	25
40		50	56	22.72	23.15	22.98	24.5
40		100	0	22.62	23.17	23.09	24.5
40		1	1	23.16	23.59	23.51	25
40		1	53	23.21	23.54	23.43	25
40		1	104	23.17	23.57	23.45	25
40	QPSK	50	0	22.21	22.54	22.37	24
40		50	26	23.28	23.63	23.58	25
40		50	56	22.27	22.63	22.53	24
40		100	0	22.26	22.63	22.54	24
40	16QAM	1	1	22.14	22.48	22.35	24
40	64QAM	1	1	20.74	21.05	20.96	22.5
40	256QAM	1	1	18.73	19.04	18.92	20.5
Channel				637668	641666	645664	Tune-up Limit [dBm]
Frequency [MHz]				3661.02	3621.99	3639.99	
30	PI/2 BPSK	1	1	23.36	23.65	23.71	25
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3660.01	3621.99	3660	
20	PI/2 BPSK	1	1	23.36	23.65	23.6	25
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3657.52	3621.99	3662.49	
15	PI/2 BPSK	1	1	23.62	23.76	23.61	25
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3655	3621.99	3664.99	
10	PI/2 BPSK	1	1	23.41	23.76	23.68	25

<FR1 n77 (27Q)_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		25.46		25.7
100		1	137		26.3		25.7
100		1	271		26.37		25.7
100	PI/2 BPSK	136	0		25.42		25.7
100		136	69		25.43		25.7
100		136	136		25.28		25.7
100		270	0		25.41		25.7
100		1	1		25.41		25.7
100		1	137		25.38		25.7
100		1	271		25.36		25.7
100	QPSK	136	0		25.43		25.7
100		136	69		25.27		25.7
100		136	136		25.25		25.7
100		270	0		25.37		25.7
100	16QAM	1	1		25.41		25.7
100	64QAM	1	1		25.42		25.7
100	256QAM	1	1		23.66		24.2
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	26.12	25.42	25.27	25.7
Channel				630996	633332	636336	Tune-up Limit [dBm]
Frequency [MHz]				3600.02	3499.98	3610	
80	PI/2 BPSK	1	1	25.94	25.39	25.14	25.7
Channel				630318	633332	636318	Tune-up Limit [dBm]
Frequency [MHz]				3683.01	3499.98	3614.98	
70	PI/2 BPSK	1	1	26	25.37	25.16	25.7
Channel				630000	633332	636996	Tune-up Limit [dBm]
Frequency [MHz]				3690	3499.98	3679.98	
60	PI/2 BPSK	1	1	25.93	25.31	25.24	25.7
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3672.02	3499.98	3520	
50	PI/2 BPSK	1	1	26.1	25.33	25.28	25.7
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3672.01	3499.98	3525.98	
40	PI/2 BPSK	1	1	25.98	25.36	25.24	25.7
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3680	3499.98	3664.98	
30	PI/2 BPSK	1	1	25.84	25.32	25.16	25.7
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3682.51	3499.98	3667.48	
25	PI/2 BPSK	1	1	25.84	25.37	25.24	25.7
Channel				630668	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3682.52	3499.98	3680	
20	PI/2 BPSK	1	1	24.87	25.32	25.13	25.7
Channel				630018	633332	636738	Tune-up Limit [dBm]
Frequency [MHz]				3687.3	3499.98	3682.49	
15	PI/2 BPSK	1	1	25.99	25.28	25.22	25.7
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3683.01	3499.98	3666.99	
10	PI/2 BPSK	1	1	25.02	25.32	25.16	25.7

<FR1 n77 (27Q)_HPUE_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		28.41		28.7
100		1	137		28.25		28.7
100		1	271		28.32		28.7
100	PI/2 BPSK	136	0		27.76		28.7
100		136	69		28.3		28.7
100		136	136		27.89		28.7
100		270	0		27.91		28.7
100		1	1		28.24		28.7
100		1	137		28.09		28.7
100		1	271		28.35		28.7
100	QPSK	136	0		27.26		27.7
100		136	69		28.09		28.7
100		136	136		27.41		27.7
100		270	0		27.22		27.7
100	16QAM	1	1		27.26		27.7
100	64QAM	1	1		25.73		26.2
100	256QAM	1	1		23.61		24.2
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	28.26	28.09	28.08	28.7
Channel				630960	633332	635668	Tune-up Limit [dBm]
Frequency [MHz]				3680.02	3499.98	3610	
80	PI/2 BPSK	1	1	28.13	27.99	28.08	28.7
Channel				631318	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3683.01	3499.98	3614.98	
70	PI/2 BPSK	1	1	28.18	27.96	27.96	28.7
Channel				630000	633332	636996	Tune-up Limit [dBm]
Frequency [MHz]				3690	3499.98	3679.98	
60	PI/2 BPSK	1	1	28.19	27.87	27.85	28.7
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3672.02	3499.98	3520	
50	PI/2 BPSK	1	1	28.16	27.97	28.04	28.7
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3672.01	3499.98	3525.98	
40	PI/2 BPSK	1	1	28.17	28.04	28.03	28.7
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3680	3499.98	3664.98	
30	PI/2 BPSK	1	1	28.11	28.01	28.02	28.7
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3682.51	3499.98	3667.48	
25	PI/2 BPSK	1	1	28.17	27.93	27.94	28.7
Channel				630668	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3682.52	3499.98	3680	
20	PI/2 BPSK	1	1	28.16	28.09	28.06	28.7
Channel				630018	633332	636738	Tune-up Limit [dBm]
Frequency [MHz]				3687.3	3499.98	3682.49	
15	PI/2 BPSK	1	1	28.17	27.94	27.99	28.7
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3683.01	3499.98	3666.99	
10	PI/2 BPSK	1	1	28.21	27.93	27.96	28.7

<FR1 n77 (27O)_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3930	3970	4010	
100		1	1	26.42	25.39	25.15	25.7
100		1	137	24.3	24.97	24.71	25.7
100		1	271	24.31	25.17	24.82	25.7
100	PI/2 BPSK	135	0	26.3	25.22	24.97	25.7
100		135	68	24.3	23.23	24.66	25.7
100		135	136	24.3	25.11	24.76	25.7
100		270	0	24.3	25.12	24.76	25.7
100		1	1	26.32	23.32	24.92	25.7
100		1	137	24.3	23.91	24.54	25.7
100		1	271	24.31	25.11	24.78	25.7
100	QPSK	135	0	24.31	25.17	24.86	25.7
100		135	68	24.3	24.99	24.99	25.7
100		135	136	24.32	25.12	24.73	25.7
100		270	0	24.3	25.11	24.76	25.7
100	16QAM	1	1	24.32	25.19	24.82	25.7
100	64QAM	1	1	24.31	25.13	24.77	25.7
100	256QAM	1	1	22.8	23.68	23.32	24.2
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	26.4	25.28	25.02	25.7
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
80	PI/2 BPSK	1	1	26.36	25.29	25.06	25.7
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.41	25.35	25.08	25.7
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3750.12	3840	3929.88	
60	PI/2 BPSK	1	1	26.37	25.29	25.01	25.7
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
50	PI/2 BPSK	1	1	26.28	25.3	25.09	25.7
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
40	PI/2 BPSK	1	1	26.3	25.28	25.08	25.7
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3719.52	3840	3960.48	
30	PI/2 BPSK	1	1	26.35	25.27	25.03	25.7
Channel				647300	656000	664700	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	26.41	25.35	25.11	25.7
Channel				647224	656000	664776	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	24.38	23.26	25.11	25.7
Channel				647148	656000	664852	Tune-up Limit (dBm)
Frequency (MHz)				3707.62	3840	3972.48	
15	PI/2 BPSK	1	1	24.37	23.31	25.09	25.7
Channel				647072	656000	664928	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.31	25.3	25.02	25.7

<FR1 n77 (27O)_HPUE_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3930	3970	4010	
100		1	1	27.66	28.24	27.51	29
100		1	137	27.66	28	27.16	29
100		1	271	27.66	28.06	27.23	29
100	PI/2 BPSK	135	0	27.17	27.97	26.83	28.5
100		135	68	27.47	27.96	27.2	29
100		135	136	27.2	27.98	26.73	28.5
100		270	0	27.04	27.98	26.74	28.5
100		1	1	27.73	28.27	27.61	29
100		1	137	27.4	27.98	27.14	29
100		1	271	27.66	28.01	27.18	29
100	QPSK	135	0	26.71	27.1	26.3	28
100		135	68	27.01	27.91	27.12	29
100		135	136	26.51	27.02	26.28	28
100		270	0	26.7	27.11	26.28	28
100	16QAM	1	1	26.01	26.01	26.01	26
100	64QAM	1	1	25.1	25.3	25.7	26.5
100	256QAM	1	1	23.11	23.48	23.77	24.5
Channel				649968	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	27.81	28.21	27.58	29
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
80	PI/2 BPSK	1	1	27.77	28.2	27.44	29
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	27.81	28.19	27.41	29
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3750.12	3840	3929.88	
60	PI/2 BPSK	1	1	27.77	28.2	27.38	29
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
50	PI/2 BPSK	1	1	27.71	28.18	27.43	29
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
40	PI/2 BPSK	1	1	27.72	28.17	27.41	29
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3719.52	3840	3960.48	
30	PI/2 BPSK	1	1	27.76	28.22	27.41	29
Channel				647300	656000	664700	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	27.73	28.17	27.4	29
Channel				647224	656000	664776	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	27.75	28.12	27.36	29
Channel				647148	656000	664852	Tune-up Limit (dBm)
Frequency (MHz)				3707.62	3840	3972.48	
15	PI/2 BPSK	1	1	27.64	28.13	27.49	29
Channel				647072	656000	664928	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	27.8	28.15	27.41	29

<FR1 n78 (27Q)_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3999.99		
150		1	1		25.37		25.7
150		1	137		25.25		25.7
150		1	271		25.35		25.7
150	PI/2 BPSK	135	0		25.37		25.7
150		135	68		25.35		25.7
150		135	136		25.34		25.7
150		270	0		25.36		25.7
150		1	1		25.37		25.7
150		1	137		25.19		25.7
150		1	271		25.37		25.7
150	QPSK	135	0		25.34		25.7
150		135	68		25.27		25.7
150		135	136		25.32		25.7
150		270	0		25.31		25.7
150	16QAM	1	1		25.35		25.7
150	64QAM	1	1		25.39		25.7
150	256QAM	1	1		23.66		24.2
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3965	3999.99	3034.99	
80	PI/2 BPSK	1	1	25.27	25.34	25.2	25.7
Channel				632988	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3960.52	3999.99	3910	
60	PI/2 BPSK	1	1	25.16	25.22	25.18	25.7
Channel				632316	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3951.01	3999.99	3014.99	
70	PI/2 BPSK	1	1	25.24	25.23	25.08	25.7
Channel				632500	633332	634168	Tune-up Limit (dBm)
Frequency (MHz)				3955	3999.99	3019.99	
60	PI/2 BPSK	1	1	25.16	25.27	25.11	25.7
Channel				631668	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3999.99	3530	
50	PI/2 BPSK	1	1	25.24	25.22	25.09	25.7
Channel				631336	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3457.01	3999.99	3529.99	
40	PI/2 BPSK	1	1	25.16	25.23	25.14	25.7
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3940	3999.99	3539.99	
30	PI/2 BPSK	1	1	25.26	25.21	25.14	25.7
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3452.31	3999.99	3537.69	
25	PI/2 BPSK	1	1	25.16	25.22	25.1	25.7
Channel				630668	633332	636002	Tune-up Limit (dBm)
Frequency (MHz)				3450.52	3999.99	3549	
20	PI/2 BPSK	1	1	25.16	25.22	25.16	25.7
Channel				630336	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3447.8	3999.99	3542.49	
15	PI/2 BPSK	1	1	25.23	25.32	25.17	25.7
Channel				630168	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3445.91	3999.99	3544.99	
10	PI/2 BPSK	1	1	25.26	25.27	25.12	25.7

<FR1 n78 (27Q)_HPUE_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel				633332			
Frequency [MHz]				3499.99			
100		1	1	28.21			29
100		1	137	28.15			29
100		1	273	28.03			29
100	PI/2 BPSK	135	0	27.71			28.5
100		135	69	28.16			29
100		135	138	27.69			28.5
100		270	0	27.78			28.5
100		1	1	28.12			29
100		1	137	28.13			29
100		1	271	28.13			29
100	QPSK	135	0	27.2			28
100		135	69	28.12			29
100		135	138	27.76			28
100		270	0	27.27			28
100	16QAM	1	1	27.27			28
100	64QAM	1	1	23.81			24.5
100	256QAM	1	1	23.68			24.5
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	28.12	28.19	28.16	29
Channel				632988	633320	633652	Tune-up Limit (dBm)
Frequency [MHz]				3489.62	3499.96	3510	
80	PI/2 BPSK	1	1	28.04	28.16	28.06	29
Channel				632106	633312	634518	Tune-up Limit (dBm)
Frequency [MHz]				3483.01	3499.96	3516.98	
70	PI/2 BPSK	1	1	27.99	28.13	28.09	29
Channel				632268	633132	633996	Tune-up Limit (dBm)
Frequency [MHz]				3484	3499.98	3515.94	
60	PI/2 BPSK	1	1	28.11	28.1	28.33	29
Channel				631998	633132	634266	Tune-up Limit (dBm)
Frequency [MHz]				3479.02	3499.98	3521	
50	PI/2 BPSK	1	1	28.09	28.09	28.09	29
Channel				631536	633132	634332	Tune-up Limit (dBm)
Frequency [MHz]				3475.01	3499.96	3524.98	
40	PI/2 BPSK	1	1	28.09	28.03	28.03	29
Channel				631356	633132	634998	Tune-up Limit (dBm)
Frequency [MHz]				3469	3499.98	3531.94	
30	PI/2 BPSK	1	1	28.08	28.17	27.99	29
Channel				630936	633132	635652	Tune-up Limit (dBm)
Frequency [MHz]				3462.01	3499.98	3537.49	
25	PI/2 BPSK	1	1	28.05	28.03	28.09	29
Channel				630996	633132	635322	Tune-up Limit (dBm)
Frequency [MHz]				3465.02	3499.98	3543	
20	PI/2 BPSK	1	1	27.98	28.1	28.1	29
Channel				630726	633132	635718	Tune-up Limit (dBm)
Frequency [MHz]				3457.8	3499.98	3542.49	
15	PI/2 BPSK	1	1	28	28.07	28.06	29
Channel				631236	633132	635028	Tune-up Limit (dBm)
Frequency [MHz]				3463.01	3499.98	3536.98	
10	PI/2 BPSK	1	1	28.06	28.17	28.02	29

<FR1 n78 (27O)_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel				693000			
Frequency [MHz]				3540			
100		1	1	26.42			26.7
100		1	137	26.22			26.7
100		1	273	26.26			26.7
100	PI/2 BPSK	135	0	26.22			26.7
100		135	68	26.27			26.7
100		135	136	25.25			25.7
100		270	0	26.32			26.7
100		1	1	26.34			26.7
100		1	137	26.21			26.7
100		1	271	26.32			26.7
100	QPSK	135	0	26.25			26.7
100		135	68	26.2			26.7
100		135	136	26.31			26.7
100		270	0	26.32			26.7
100	16QAM	1	1	25.19			25.7
100	64QAM	1	1	25.19			25.7
100	256QAM	1	1	23.68			24.2
Channel				689848	693000	696332	Tune-up Limit (dBm)
Frequency [MHz]				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	26.38	26.36	26.3	26.7
Channel				689334	693000	696666	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3750	3753.99	
80	PI/2 BPSK	1	1	26.32	26.33	25.17	25.7
Channel				688800	693000	697200	Tune-up Limit (dBm)
Frequency [MHz]				3735	3750	3765	
70	PI/2 BPSK	1	1	26.26	26.27	25.17	25.7
Channel				689166	693000	697132	Tune-up Limit (dBm)
Frequency [MHz]				3736.02	3750	3763.98	
60	PI/2 BPSK	1	1	26.25	26.26	25.28	25.7
Channel				689334	693000	696666	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3750	3753.99	
50	PI/2 BPSK	1	1	26.28	26.26	25.27	25.7
Channel				688500	693000	697500	Tune-up Limit (dBm)
Frequency [MHz]				3720	3750	3780	
40	PI/2 BPSK	1	1	26.19	26.25	25.19	25.7
Channel				687666	693000	698332	Tune-up Limit (dBm)
Frequency [MHz]				3719.01	3750	3780.99	
30	PI/2 BPSK	1	1	26.22	26.36	25.24	25.7
Channel				687300	693000	698700	Tune-up Limit (dBm)
Frequency [MHz]				3717.3	3750	3782.7	
25	PI/2 BPSK	1	1	26.38	26.32	25.19	25.7
Channel				687334	693000	698666	Tune-up Limit (dBm)
Frequency [MHz]				3718.01	3750	3781.99	
20	PI/2 BPSK	1	1	26.2	26.26	25.26	25.7
Channel				687168	693000	698832	Tune-up Limit (dBm)
Frequency [MHz]				3717.09	3750	3782.91	
15	PI/2 BPSK	1	1	26.3	26.25	25.19	25.7
Channel				687001	693000	699000	Tune-up Limit (dBm)
Frequency [MHz]				3755	3750	3745	
10	PI/2 BPSK	1	1	26.28	26.28	25.29	25.7

<FR1 n78 (27O)_HPUE_Ant4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel				693000			
Frequency [MHz]				3540			
100		1	1	28.42			29
100		1	137	28.19			29
100		1	273	28.14			29
100	PI/2 BPSK	135	0	27.87			28.5
100		135	68	28.27			29
100		135	136	27.75			28.5
100		270	0	27.87			28.5
100		1	1	28.38			29
100		1	137	28.22			29
100		1	271	28.35			29
100	QPSK	135	0	27.27			28
100		135	68	28.17			29
100		135	136	27.29			28
100		270	0	27.34			28
100	16QAM	1	1	27.44			28
100	64QAM	1	1	23.92			24.5
100	256QAM	1	1	23.77			24.5
Channel				689848	693000	696332	Tune-up Limit (dBm)
Frequency [MHz]				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	28.29	28.38	28.26	29
Channel				689334	693000	696666	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3750	3753.99	
80	PI/2 BPSK	1	1	28.22	28.29	28.22	29
Channel				688800	693000	697200	Tune-up Limit (dBm)
Frequency [MHz]				3735	3750	3765	
70	PI/2 BPSK	1	1	28.19	28.22	28.16	29
Channel				689166	693000	697132	Tune-up Limit (dBm)
Frequency [MHz]				3736.02	3750	3763.98	
60	PI/2 BPSK	1	1	28.27	28.28	28.31	29
Channel				689334	693000	696666	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3750	3753.99	
50	PI/2 BPSK	1	1	28.21	28.32	28.22	29
Channel				688500	693000	697500	Tune-up Limit (dBm)
Frequency [MHz]				3720	3750	3780	
40	PI/2 BPSK	1	1	28.21	28.27	28.21	29
Channel				687666	693000	698332	Tune-up Limit (dBm)
Frequency [MHz]				3719.01	3750	3780.99	
30	PI/2 BPSK	1	1	28.2	28.25	28.11	29
Channel				687300	693000	698700	Tune-up Limit (dBm)
Frequency [MHz]				3717.3	3750	3782.7	
25	PI/2 BPSK	1	1	28.23	28.19	28.19	29
Channel				687334	693000	698666	Tune-up Limit (dBm)
Frequency [MHz]				3718.01	3750	3781.99	
20	PI/2 BPSK	1	1	28.22	28.23	28.16	29
Channel				687168	693000	698832	Tune-up Limit (dBm)
Frequency [MHz]				3717.09	3750	3782.91	
15	PI/2 BPSK	1	1	28.2	28.22	28.19	29
Channel				687001	693000	699000	Tune-up Limit (dBm)
Frequency [MHz]				3755	3750	3745	
10	PI/2 BPSK	1	1	28.16	28.29	28.15	29

<FR1 n2_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	24.9	24.95	24.91	25.5
40		1	108	24.73	24.86	24.78	25.5
40		1	214	24.62	24.8	24.69	25.5
40	Pi/2 BPSK	108	0	24.22	24.4	24.3	25
40		108	54	24.68	24.78	24.66	25.5
40		108	108	24.14	24.31	24.14	25
40		216	0	24.36	24.45	24.28	25
40		1	1	24.76	24.88	24.78	25.5
40		1	108	24.58	24.72	24.64	25.5
40		1	214	24.68	24.82	24.7	25.5
40	QPSK	108	0	23.76	23.91	23.82	24.5
40		108	54	24.56	24.73	24.55	25.5
40		108	108	23.78	23.87	23.71	24.5
40		216	0	23.82	23.88	23.83	24.5
40	16QAM	1	1	23.72	23.91	23.74	24.5
40	64QAM	1	1	22.31	22.39	22.33	23
40	256QAM	1	1	20.28	20.33	20.33	21
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	24.77	24.88	24.88	25.5
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	24.76	24.85	24.8	25.5
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	24.82	24.92	24.85	25.5
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	24.81	24.8	24.86	25.5
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	24.84	24.83	24.78	25.5
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	24.83	24.84	24.86	25.5
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	24.79	24.82	24.82	25.5

<FR1 n7_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	24.97	25.06	24.96	25.5
50		1	135	24.58	24.82	24.6	25.5
50		1	268	24.7	24.8	24.68	25.5
50	Pi/2 BPSK	135	0	24.29	24.49	24.33	25
50		135	68	24.8	24.94	24.75	25.5
50		135	135	24.34	24.47	24.33	25
50		270	0	24.36	24.49	24.26	25
50		1	1	24.83	25.02	24.86	25.5
50		1	135	24.63	24.82	24.59	25.5
50		1	268	24.71	24.92	24.75	25.5
50	QPSK	135	0	23.9	24.09	23.98	24.5
50		135	68	24.8	24.92	24.8	25.5
50		135	135	23.79	23.99	23.8	24.5
50		270	0	23.41	23.53	23.31	24.5
50	16QAM	1	1	23.88	23.98	23.75	24.5
50	64QAM	1	1	22.5	22.62	22.39	23
50	256QAM	1	1	20.27	20.49	20.4	21
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	24.89	24.92	24.93	25.5
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	24.84	24.96	24.95	25.5
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	24.95	24.97	24.93	25.5
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	24.91	24.93	24.87	25.5
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	24.94	25.04	24.91	25.5
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	24.87	24.93	24.81	25.5
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	24.89	24.98	24.86	25.5
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	24.82	25.04	24.9	25.5

<FR1 n25_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	25.01	25.05	24.97	25.5
40		1	108	24.94	25.02	24.84	25.5
40		1	214	24.85	24.99	24.89	25.5
40		108	0	24.39	24.44	24.31	25
40		108	54	24.9	24.96	24.8	25.5
40		108	108	24.35	24.46	24.3	25
40		216	0	24.43	24.51	24.41	25
40	QPSK	1	1	24.83	24.91	24.77	25.5
40		1	108	24.68	24.87	24.71	25.5
40		1	214	24.82	24.96	24.87	25.5
40		108	0	23.86	23.93	23.82	24.5
40		108	54	24.69	24.84	24.66	25.5
40		108	108	23.87	24.02	23.81	24.5
40		216	0	23.87	23.98	23.8	24.5
40	16QAM	1	1	23.83	24	23.84	24.5
40	64QAM	1	1	22.29	22.45	22.24	23
40	256QAM	1	1	20.16	20.33	20.2	21
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.96	24.91	24.88	25.5
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.92	25.04	24.92	25.5
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.92	25	24.91	25.5
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.94	24.99	24.91	25.5
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.89	25.01	24.89	25.5
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.95	24.92	24.87	25.5
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.91	25.04	24.93	25.5

<FR1 n66_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.73	24.93	24.88	25.5
45		1	120	24.5	24.8	24.7	25.5
45		1	240	24.54	24.75	24.58	25.5
45		120	0	24.02	24.35	24.27	25
45		120	60	24.59	24.83	24.74	25.5
45		120	120	24.11	24.38	24.22	25
45		240	0	24.22	24.51	24.43	25
45	QPSK	1	1	24.47	24.75	24.62	25.5
45		1	120	24.54	24.81	24.64	25.5
45		1	240	24.54	24.82	24.7	25.5
45		120	0	23.94	24.25	24.11	24.5
45		120	60	24.52	24.76	24.58	25.5
45		120	120	24.21	24.42	24.35	24.5
45		240	0	24.09	24.38	24.31	24.5
45	16QAM	1	1	23.5	23.83	23.66	24.5
45	64QAM	1	1	22.07	22.28	22.18	23
45	256QAM	1	1	19.85	20.09	19.94	21
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.64	24.8	24.78	25.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.67	24.88	24.76	25.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.63	24.85	24.78	25.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.62	24.81	24.81	25.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.71	24.9	24.79	25.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.66	24.79	24.86	25.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.59	24.79	24.73	25.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.67	24.85	24.84	25.5

<FR1 n38_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	519036	520093	
Frequency (MHz)				2642	2693	2800	
40		1	1	25.17	25.2	25.14	25.5
40		1	53	24.61	24.74	24.98	25.5
40		1	104	24.39	24.49	24.32	25.5
40	PI/2 BPSK	50	0	24.09	24.68	24.61	25
40		50	28	24.93	25.13	25	25.5
40		50	56	24.37	24.48	24.31	25
40		100	0	24.48	24.52	24.38	25
40		1	1	24.94	25.1	24.96	25.5
40		1	53	24.62	24.83	24.74	25.5
40		1	104	24.99	24.75	24.47	25.5
40		50	0	23.96	24.03	23.92	24.5
40		50	28	24.94	24.98	24.91	25.5
40	QPSK	50	56	23.83	24	23.86	24.5
40		100	0	23.89	23.96	23.79	24.5
40	16QAM	1	1	23.86	23.91	23.77	24.5
40	64QAM	1	1	22.42	22.5	22.3	23
40	256QAM	1	1	20.88	20.93	20.8	21
Channel				517000	519030	521053	Tune-up Limit (dBm)
Frequency (MHz)				2643	2693	2805	
30	PI/2 BPSK	1	1	25.15	25.07	25.05	25.5
Channel				516502	519030	521563	Tune-up Limit (dBm)
Frequency (MHz)				2642.5	2693	2807.5	
25	PI/2 BPSK	1	1	25.11	25.11	25	25.5
Channel				516754	519030	521306	Tune-up Limit (dBm)
Frequency (MHz)				2645	2693	2810	
20	PI/2 BPSK	1	1	25.15	25.09	25.03	25.5
Channel				516999	519036	521073	Tune-up Limit (dBm)
Frequency (MHz)				2647.5	2693	2812.5	
15	PI/2 BPSK	1	1	25.14	25.16	25.13	25.5
Channel				516999	519036	521053	Tune-up Limit (dBm)
Frequency (MHz)				2670	2693	2815	
10	PI/2 BPSK	1	1	25.08	25.11	25.04	25.5

<FR1 n41_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518598	530930	
Frequency (MHz)				2646.01	2692.99	2840	
100		1	1	25.28	25.31	25.41	26
100		1	137	25.12	25.31	25.14	26
100		1	271	25.21	25.38	25.26	26
100	PI/2 BPSK	136	0	25.19	25.33	25.2	26
100		136	69	25.03	25.36	25.15	26
100		136	136	25.09	25.35	25.16	26
100		270	0	25.15	25.32	25.07	26
100		1	1	25.18	25.35	25.12	26
100		1	137	24.97	25.21	25.06	26
100		1	271	25.2	25.38	25.14	26
100	QPSK	136	0	24.99	25.29	25	26
100		136	69	24.89	25.22	25.01	26
100		136	136	25	25.29	24.99	26
100		270	0	25	25.32	24.98	26
100	16QAM	1	1	24.69	25.45	24.99	26
100	64QAM	1	1	23.49	24.95	23.48	24.5
100	256QAM	1	1	21.43	21.47	21.48	22.5
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2844.98	
90	PI/2 BPSK	1	1	25.29	25.48	25.37	26
Channel				507226	518598	529958	Tune-up Limit (dBm)
Frequency (MHz)				2644.02	2692.99	2849.98	
80	PI/2 BPSK	1	1	25.32	25.37	25.39	26
Channel				506722	518598	530474	Tune-up Limit (dBm)
Frequency (MHz)				2647.01	2692.99	2838	
70	PI/2 BPSK	1	1	25.29	25.42	25.26	26
Channel				506726	518598	530470	Tune-up Limit (dBm)
Frequency (MHz)				2647	2692.99	2838	
60	PI/2 BPSK	1	1	25.23	25.37	25.33	26
Channel				506728	518598	530468	Tune-up Limit (dBm)
Frequency (MHz)				2647.02	2692.99	2838.02	
50	PI/2 BPSK	1	1	25.2	25.38	25.3	26
Channel				506730	518598	530466	Tune-up Limit (dBm)
Frequency (MHz)				2647.03	2692.99	2838.04	
45	PI/2 BPSK	1	1	25.23	25.42	25.36	26
Channel				506952	518598	530330	Tune-up Limit (dBm)
Frequency (MHz)				2647.61	2692.99	2839	
40	PI/2 BPSK	1	1	25.28	25.36	25.32	26
Channel				506704	518598	530498	Tune-up Limit (dBm)
Frequency (MHz)				2647.52	2692.99	2838.48	
35	PI/2 BPSK	1	1	25.33	25.45	25.39	26
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2844.98	
30	PI/2 BPSK	1	1	25.28	25.42	25.28	26
Channel				507152	518598	530218	Tune-up Limit (dBm)
Frequency (MHz)				2645.51	2692.99	2837.5	
25	PI/2 BPSK	1	1	25.28	25.36	25.38	26
Channel				507154	518598	530216	Tune-up Limit (dBm)
Frequency (MHz)				2645.52	2692.99	2837.52	
20	PI/2 BPSK	1	1	25.31	25.41	25.36	26
Channel				507156	518598	530196	Tune-up Limit (dBm)
Frequency (MHz)				2645.53	2692.99	2837.54	
15	PI/2 BPSK	1	1	25.38	25.42	25.38	26
Channel				506392	518598	530792	Tune-up Limit (dBm)
Frequency (MHz)				2641.01	2692.99	2840	
10	PI/2 BPSK	1	1	25.26	25.41	25.32	26

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518598	530930	
Frequency (MHz)				2646.01	2692.99	2840	
100		1	1	26.41	26.51	26.46	27
100		1	137	26.23	26.3	26.17	27
100		1	271	26.33	26.32	26.32	27
100	PI/2 BPSK	136	0	25.78	25.84	25.8	26.5
100		136	69	26.31	26.39	26.36	27
100		136	136	25.66	25.8	25.77	26.5
100		270	0	25.65	25.83	25.68	26.5
100		1	1	26.31	26.37	26.26	27
100		1	137	26.16	26.23	26.22	27
100		1	271	26.16	26.33	26.27	27
100	QPSK	136	0	25.55	25.78	25.69	26
100		136	69	26.16	26.2	26.09	27
100		136	136	25.52	25.2	25.56	26
100		270	0	25.22	25.29	25.12	26
100	16QAM	1	1	25.27	25.42	25.37	26
100	64QAM	1	1	23.28	23.39	23.27	24.5
100	256QAM	1	1	20.76	20.83	20.74	22.5
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2844.98	
90	PI/2 BPSK	1	1	26.4	26.41	26.42	27
Channel				507252	518598	529944	Tune-up Limit (dBm)
Frequency (MHz)				2645.02	2692.99	2849.94	
80	PI/2 BPSK	1	1	26.4	26.31	26.4	27
Channel				506722	518598	530474	Tune-up Limit (dBm)
Frequency (MHz)				2647.01	2692.99	2838	
70	PI/2 BPSK	1	1	26.38	26.31	26.3	27
Channel				506726	518598	530470	Tune-up Limit (dBm)
Frequency (MHz)				2647	2692.99	2838	
60	PI/2 BPSK	1	1	26.27	26.33	26.32	27
Channel				506728	518598	530468	Tune-up Limit (dBm)
Frequency (MHz)				2647.02	2692.99	2838.02	
50	PI/2 BPSK	1	1	26.29	26.29	26.28	27
Channel				506730	518598	530466	Tune-up Limit (dBm)
Frequency (MHz)				2647.03	2692.99	2838.04	
45	PI/2 BPSK	1	1	26.28	26.43	26.42	27
Channel				506952	518598	530330	Tune-up Limit (dBm)
Frequency (MHz)				2647.61	2692.99	2839	
40	PI/2 BPSK	1	1	26.33	26.4	26.3	27
Channel				506704	518598	530498	Tune-up Limit (dBm)
Frequency (MHz)				2647.52	2692.99	2838.48	
35	PI/2 BPSK	1	1	26.39	26.43	26.38	27
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2844.98	
30	PI/2 BPSK	1	1	26.36	26.43	26.4	27
Channel				507152	518598	530218	Tune-up Limit (dBm)
Frequency (MHz)				2645.51	2692.99	2837.5	
25	PI/2 BPSK	1	1	26.32	26.42	26.37	27
Channel				507154	518598	530216	Tune-up Limit (dBm)
Frequency (MHz)				2645.52	2692.99	2837.52	
20	PI/2 BPSK	1	1	26.27	26.34	26.32	27
Channel				507154	518598	530196	Tune-up Limit (dBm)
Frequency (MHz)				2645.53	2692.99	2837.54	
15	PI/2 BPSK	1	1	26.28	26.31	26.33	27
Channel				507252	518598	529944	Tune-up Limit (dBm)
Frequency (MHz)				2645.01	2692.99	2849.94	
10	PI/2 BPSK	1	1	26.37	26.36	26.34	27

<FR1 n48_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3612	3625.98	3679.95	
40		1	1	23.12	23.16	23.91	24.3
40		1	53	23.07	23.14	23.92	24.3
40	PI/2 BPSK	1	104	22.89	23.04	23.86	24.3
40		50	0	22.38	22.47	22.19	23.8
40		50	26	22.94	23.09	22.83	24.3
40		50	56	22.36	22.54	22.34	23.8
40		100	0	22.35	22.53	22.32	23.8
40		1	1	22.97	23.02	22.77	24.3
40		1	53	22.86	23.02	22.74	24.3
40		1	104	22.81	23	22.71	24.3
40	QPSK	50	0	21.89	21.96	21.73	23.3
40		50	26	22.8	22.95	22.77	24.3
40		50	56	21.76	21.94	21.68	23.3
40		100	0	21.77	21.95	21.79	23.3
40	16QAM	1	1	21.46	21.79	21.54	23.3
40	64QAM	1	1	20.31	20.39	20.27	21.8
40	256QAM	1	1	18.2	18.33	18.07	19.8
Channel				637668	641666	645664	Tune-up Limit [dBm]
Frequency [MHz]				3561.02	3625.98	3690.94	
30	PI/2 BPSK	1	1	23.01	23.15	22.92	24.3
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3560.01	3625.98	3692	
20	PI/2 BPSK	1	1	22.99	23.14	22.96	24.3
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3557.52	3625.98	3692.48	
15	PI/2 BPSK	1	1	23.06	23.02	22.96	24.3
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3555	3625.98	3694.93	
10	PI/2 BPSK	1	1	23.03	23.14	22.91	24.3

<FR1 n77 (27Q)_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		26.19		25.7
100		1	137		26.88		25.7
100		1	271		26.72		25.7
100	PI/2 BPSK	136	0		26.76		25.7
100		136	69		26.76		25.7
100		136	136		26.76		25.7
100		270	0		26.77		25.7
100		1	1		26.75		25.7
100		1	137		26.87		25.7
100		1	271		26.74		25.7
100	QPSK	136	0		26.72		25.7
100		136	69		26.72		25.7
100		136	136		26.77		25.7
100		270	0		26.76		25.7
100	16QAM	1	1		26.75		25.7
100	64QAM	1	1		26.74		25.7
100	256QAM	1	1		23.97		24.2
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	24.68	26.75	24.71	25.7
Channel				630996	633332	636336	Tune-up Limit [dBm]
Frequency [MHz]				3501.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.93	24.6	24.66	25.7
Channel				630132	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3493.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.66	26.69	24.66	25.7
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.67	26.66	24.64	25.7
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3674.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.63	26.61	24.68	25.7
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3672.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.54	26.66	24.58	25.7
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3668	3499.98	3534.98	
30	PI/2 BPSK	1	1	24.58	26.73	24.66	25.7
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3662.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.57	26.74	24.62	25.7
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3661.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.56	26.67	24.66	25.7
Channel				630168	633332	636496	Tune-up Limit [dBm]
Frequency [MHz]				3657.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	24.64	26.62	24.63	25.7
Channel				630012	633332	636652	Tune-up Limit [dBm]
Frequency [MHz]				3653.01	3499.98	3545.98	
10	PI/2 BPSK	1	1	24.69	26.68	24.62	25.7

<FR1 n77 (27Q)_HPUE_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		27.79		28.8
100		1	137		27.98		28.8
100		1	271		27.77		28.8
100	PI/2 BPSK	136	0		27.69		28.3
100		136	69		27.94		28.8
100		136	136		27.74		28.3
100		270	0		27.57		28.3
100		1	1		27.73		28.8
100		1	137		27.94		28.8
100	QPSK	1	271		27.74		28.8
100		136	0		26.3		27.8
100		136	69		27.65		28.8
100		136	136		26.4		27.8
100		270	0		26.3		27.8
100	16QAM	1	1		26.63		27.8
100	64QAM	1	1		25.61		26.3
100	256QAM	1	1		23.1		24.3
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	27.85	27.74	27.71	28.8
Channel				630960	633332	635668	Tune-up Limit [dBm]
Frequency [MHz]				3499.02	3499.98	3509	
80	PI/2 BPSK	1	1	27.91	27.73	27.6	28.8
Channel				630126	633332	636538	Tune-up Limit [dBm]
Frequency [MHz]				3493.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	27.92	27.69	27.66	28.8
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	27.9	27.8	27.56	28.8
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3674.02	3499.98	3525	
50	PI/2 BPSK	1	1	27.87	27.84	27.6	28.8
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3672.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	27.86	27.89	27.66	28.8
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3668	3499.98	3534.98	
30	PI/2 BPSK	1	1	27.82	27.83	27.56	28.8
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3662.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	27.97	27.82	27.63	28.8
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3661.02	3499.98	3540	
20	PI/2 BPSK	1	1	27.87	27.81	27.65	28.8
Channel				630168	633332	636496	Tune-up Limit [dBm]
Frequency [MHz]				3657.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	27.91	27.83	27.61	28.8
Channel				630012	633332	636652	Tune-up Limit [dBm]
Frequency [MHz]				3653.01	3499.98	3545.98	
10	PI/2 BPSK	1	1	27.9	27.84	27.6	28.8

<FR1 n77 (27O)_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel				660000	656000	652000	
Frequency [MHz]				3930	3890	3850	
100		1	1	24.46	24.47	24.32	25.7
100		1	137	23.47	24.02	23.35	25.7
100		1	271	23.44	23.97	23.45	25.7
100	PI/2 BPSK	135	0	24.58	24.24	23.97	25.7
100		135	69	24.18	24.27	23.72	25.7
100		135	135	23.46	23.96	23.38	25.7
100		270	0	24.65	24.17	23.7	25.7
100		1	1	24.35	24.65	23.97	25.7
100		1	137	23.75	23.81	23.37	25.7
100		1	271	23.85	24.01	23.53	25.7
100	QPSK	135	0	24.12	24.21	23.83	25.7
100		135	69	23.87	23.96	23.49	25.7
100		135	135	23.92	24.01	23.46	25.7
100		270	0	23.99	24.13	23.73	25.7
100	16QAM	1	1	26.02	24.41	23.91	25.7
100	64QAM	1	1	24.35	24.38	23.88	25.7
100	256QAM	1	1	22.85	22.73	22.15	24.2
Channel				669888	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3740.02	3690	3639.98	
40	PI/2 BPSK	1	1	26.99	24.64	23.92	25.7
Channel				669334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3740.01	3690	3639.99	
80	PI/2 BPSK	1	1	24.37	24.35	23.92	25.7
Channel				669112	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3735	3640	3565	
70	PI/2 BPSK	1	1	24.33	24.36	23.91	25.7
Channel				669556	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3730.02	3640	3649.98	
60	PI/2 BPSK	1	1	24.41	24.35	23.88	25.7
Channel				669334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3730.01	3640	3649.99	
50	PI/2 BPSK	1	1	24.39	24.33	24	25.7
Channel				669000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3720	3640	3680	
40	PI/2 BPSK	1	1	24.37	24.45	23.98	25.7
Channel				667666	656000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3710.02	3640	3684.98	
30	PI/2 BPSK	1	1	24.36	24.36	23.89	25.7
Channel				667000	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710.5	3640	3687.5	
25	PI/2 BPSK	1	1	24.38	24.43	23.93	25.7
Channel				667334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3640	3689.99	
20	PI/2 BPSK	1	1	24.37	24.38	23.98	25.7
Channel				667112	656000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3640	3672.48	
15	PI/2 BPSK	1	1	24.43	24.36	24.01	25.7
Channel				667000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3705	3640	3675	
10	PI/2 BPSK	1	1	24.39	24.35	23.91	25.7

<FR1 n77 (27O)_HPUE_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel				660000	656000	652000	
Frequency [MHz]				3930	3890	3850	
100		1	1	27.68	27.54	26.97	28.8
100		1	137	27.17	27.26	26.66	28.8
100		1	271	27.11	27.26	26.62	28.8
100	PI/2 BPSK	135	0	28.68	26.76	26.16	27.8
100		135	69	27.09	27.26	26.61	28.8
100		135	135	26.63	26.74	26.16	27.8
100		270	0	29.65	26.74	26.44	27.8
100		1	1	27.2	27.69	26.8	28.8
100		1	137	27.04	27.2	26.51	28.8
100		1	271	27.13	27.2	26.53	28.8
100	QPSK	135	0	26.79	26.26	25.62	27.8
100		135	69	27.07	27.22	26.51	28.8
100		135	135	26.11	26.25	25.63	27.8
100		270	0	26.99	26.21	25.95	27.8
100	16QAM	1	1	26.24	26.44	25.92	28.8
100	64QAM	1	1	24.63	24.9	24.39	26.3
100	256QAM	1	1	22.81	22.88	22.39	24.3
Channel				669888	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3740.02	3690	3639.98	
90	PI/2 BPSK	1	1	27.4	27.4	26.87	28.8
Channel				669334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3740.01	3690	3639.99	
80	PI/2 BPSK	1	1	27.36	27.43	26.92	28.8
Channel				669112	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3735	3690	3645	
70	PI/2 BPSK	1	1	27.46	27.44	26.86	28.8
Channel				669556	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3730.02	3690	3649.98	
60	PI/2 BPSK	1	1	27.49	27.46	26.91	28.8
Channel				669334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3730.01	3690	3649.99	
50	PI/2 BPSK	1	1	27.42	27.42	26.91	28.8
Channel				669000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3720	3690	3680	
40	PI/2 BPSK	1	1	27.41	27.49	26.92	28.8
Channel				667666	656000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3710.02	3690	3684.98	
30	PI/2 BPSK	1	1	27.35	27.48	26.9	28.8
Channel				667000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3710.5	3690	3687.5	
25	PI/2 BPSK	1	1	27.45	27.5	26.99	28.8
Channel				667334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3690	3689.99	
20	PI/2 BPSK	1	1	27.46	27.46	26.92	28.8
Channel				667112	656000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3690	3672.48	
15	PI/2 BPSK	1	1	27.35	27.43	26.95	28.8
Channel				667000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3705	3690	3675	
10	PI/2 BPSK	1	1	27.41	27.47	26.9	28.8

<FR1 n78 (27Q)_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3459.98		
100		1	1		28.15		28.7
100		1	137		29.81		28.7
100		1	275		29.11		28.7
100	PI/2 BPSK	135	0		29.68		28.7
100		135	69		29.03		28.7
100		135	135		29.09		28.7
100		270	0		29.03		28.7
100		1	1		28.1		28.7
100		1	137		23.89		28.7
100		1	271		24.12		28.7
100	QPSK	135	0		28.9		28.7
100		135	69		24.92		28.7
100		135	135		25.01		28.7
100		270	0		24.99		28.7
100	16QAM	1	1		24.12		28.7
100	64QAM	1	1		24.09		28.7
100	256QAM	1	1		23.11		24.2
Channel				633333	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3460	3459.98	3539.98	
90	PI/2 BPSK	1	1	23.85	28.1	23.85	28.7
Channel				633999	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3469.99	3459.98	3529.99	
80	PI/2 BPSK	1	1	23.87	24	23.84	25.7
Channel				633999	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3469.99	3459.98	3529.99	
70	PI/2 BPSK	1	1	23.79	23.93	23.79	25.7
Channel				633999	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3469	3459.98	3519.98	
60	PI/2 BPSK	1	1	23.86	24.07	23.81	25.7
Channel				631998	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3470.02	3459.98	3540.1	
50	PI/2 BPSK	1	1	23.79	23.99	23.82	25.7
Channel				631666	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3470.01	3459.98	3530.01	
40	PI/2 BPSK	1	1	23.82	24.01	23.79	25.7
Channel				631333	633332	633998	Tune-up Limit [dBm]
Frequency [MHz]				3460	3459.98	3519.98	
30	PI/2 BPSK	1	1	23.79	24.03	23.86	25.7
Channel				630664	633332	634664	Tune-up Limit [dBm]
Frequency [MHz]				3462.51	3459.98	3537.48	
25	PI/2 BPSK	1	1	23.89	23.96	23.83	25.7
Channel				630998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3460.02	3459.98	3540	
20	PI/2 BPSK	1	1	23.8	24.09	23.84	25.7
Channel				630332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3457.5	3459.98	3542.48	
15	PI/2 BPSK	1	1	23.91	23.97	23.8	25.7
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3465.01	3459.98	3534.99	
10	PI/2 BPSK	1	1	23.88	24	23.85	25.7

<FR1 n78 (27Q)_HPUE_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1	27.65	27.66		28.8
100		1	137	27.01	27.01		28.8
100		1	271	27.64	27.64		28.8
100	PI/2 BPSK	135	0	26.97	26.97		28.3
100		135	69	27.58	27.58		28.8
100		135	138	27.58	27.58		28.3
100		270	0	27.08	27.08		28.3
100		1	1	27.61	27.61		28.8
100		1	137	27.52	27.52		28.8
100		1	271	27.66	27.66		28.8
100	QPSK	135	0	26.93	26.93		27.8
100		135	69	27.39	27.39		28.8
100		135	138	26.51	26.51		27.8
100		270	0	26.57	26.57		27.8
100	16QAM	1	1	26.52	26.52		27.8
100	64QAM	1	1	23.08	23.08		26.3
100	256QAM	1	1	22.81	22.81		24.3
Channel				633000	633332	633968	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3506.98	
90	PI/2 BPSK	1	1	27.94	27.94	27.63	28.8
Channel				632968	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	27.41	27.52	27.34	28.8
Channel				632734	633332	633932	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.96	
70	PI/2 BPSK	1	1	27.51	27.63	27.31	28.8
Channel				632500	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.96	
60	PI/2 BPSK	1	1	27.48	27.49	27.32	28.8
Channel				631968	633332	634696	Tune-up Limit (dBm)
Frequency (MHz)				3479.52	3499.99	3520	
50	PI/2 BPSK	1	1	27.44	27.43	27.34	28.8
Channel				631404	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3473.01	3499.99	3526.98	
40	PI/2 BPSK	1	1	27.43	27.51	27.29	28.8
Channel				631365	633332	633966	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.96	
30	PI/2 BPSK	1	1	27.46	27.53	27.36	28.8
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3482.01	3499.99	3517.98	
25	PI/2 BPSK	1	1	27.41	27.52	27.41	28.8
Channel				630968	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3480.52	3499.99	3519	
20	PI/2 BPSK	1	1	27.46	27.43	27.31	28.8
Channel				630302	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3477.5	3499.99	3522.48	
15	PI/2 BPSK	1	1	27.45	27.48	27.42	28.8
Channel				630134	633332	634532	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.99	3544.98	
10	PI/2 BPSK	1	1	27.5	27.47	27.33	28.8

<FR1 n78 (27O)_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633000		
Frequency (MHz)					3750		
100		1	1		23.56		25.7
100		1	137		23.79		25.7
100		1	271		23.87		25.7
100	PI/2 BPSK	135	0		24.66		25.7
100		135	69		24.62		25.7
100		135	138		24.9		25.7
100		270	0		24.87		25.7
100		1	1		23.87		25.7
100		1	137		23.66		25.7
100		1	271		23.88		25.7
100	QPSK	135	0		24.6		25.7
100		135	69		24.9		25.7
100		135	138		25.71		25.7
100		270	0		24.9		25.7
100	16QAM	1	1		23.88		25.7
100	64QAM	1	1		23.82		25.7
100	256QAM	1	1		22.56		24.2
Channel				630968	633000	635332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	23.62	23.9	23.82	25.7
Channel				630334	633000	635666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.77	23.75	23.79	25.7
Channel				630700	633000	635300	Tune-up Limit (dBm)
Frequency (MHz)				3753	3750	3747	
70	PI/2 BPSK	1	1	23.73	23.82	23.75	25.7
Channel				630166	633000	635722	Tune-up Limit (dBm)
Frequency (MHz)				3750.02	3750	3749.98	
60	PI/2 BPSK	1	1	23.71	23.83	23.84	25.7
Channel				630334	633000	635666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
50	PI/2 BPSK	1	1	23.79	23.97	23.73	25.7
Channel				630502	633000	635500	Tune-up Limit (dBm)
Frequency (MHz)				3752	3750	3748	
40	PI/2 BPSK	1	1	23.79	23.88	23.77	25.7
Channel				630668	633000	635332	Tune-up Limit (dBm)
Frequency (MHz)				3754.02	3750	3745.98	
30	PI/2 BPSK	1	1	23.81	23.79	23.79	25.7
Channel				630668	633000	635300	Tune-up Limit (dBm)
Frequency (MHz)				3752.5	3750	3747.5	
25	PI/2 BPSK	1	1	23.71	23.77	23.68	25.7
Channel				630834	633000	635166	Tune-up Limit (dBm)
Frequency (MHz)				3753.51	3750	3746.49	
20	PI/2 BPSK	1	1	23.76	23.85	23.75	25.7
Channel				630768	633000	635232	Tune-up Limit (dBm)
Frequency (MHz)				3757.52	3750	3742.48	
15	PI/2 BPSK	1	1	23.71	23.77	23.79	25.7
Channel				630700	633000	635300	Tune-up Limit (dBm)
Frequency (MHz)				3753	3750	3747	
10	PI/2 BPSK	1	1	23.73	23.79	23.8	25.7

<FR1 n78 (27O)_HPUE_Ant5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					630968		
Frequency (MHz)					3749		
100		1	1		27.4		28.8
100		1	137		27.14		28.8
100		1	271		27.3		28.8
100	PI/2 BPSK	135	0		26.79		28.3
100		135	69		27.39		28.8
100		135	138		27.26		28.3
100		270	0		26.96		28.3
100		1	1		27.39		28.8
100		1	137		27.12		28.8
100		1	271		27.29		28.8
100	QPSK	135	0		26.08		27.8
100		135	69		26.96		28.8
100		135	138		26.1		27.8
100		270	0		26.01		27.8
100	16QAM	1	1		26.33		27.8
100	64QAM	1	1		24.74		26.3
100	256QAM	1	1		22.72		24.3
Channel				629968	630332	630332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	27.32	27.36	27.35	28.8
Channel				629334	630000	630665	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	27.27	27.33	27.23	28.8
Channel				629700	630000	630300	Tune-up Limit (dBm)
Frequency (MHz)				3753	3750	3747	
70	PI/2 BPSK	1	1	27.23	27.33	27.26	28.8
Channel				629166	630000	630834	Tune-up Limit (dBm)
Frequency (MHz)				3750.02	3750	3749.98	
60	PI/2 BPSK	1	1	27.26	27.32	27.26	28.8
Channel				629334	630000	630666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
50	PI/2 BPSK	1	1	27.29	27.29	27.29	28.8
Channel				629500	630000	630500	Tune-up Limit (dBm)
Frequency (MHz)				3752	3750	3748	
40	PI/2 BPSK	1	1	27.29	27.29	27.27	28.8
Channel				629666	630000	630332	Tune-up Limit (dBm)
Frequency (MHz)				3754.02	3750	3745.98	
30	PI/2 BPSK	1	1	27.26	27.3	27.22	28.8
Channel				629500	630000	630500	Tune-up Limit (dBm)
Frequency (MHz)				3752.5	3750	3747.5	
25	PI/2 BPSK	1	1	27.24	27.29	27.26	28.8
Channel				629334	630000	630666	Tune-up Limit (dBm)
Frequency (MHz)				3753.51	3750	3746.49	
20	PI/2 BPSK	1	1	27.21	27.25	27.26	28.8
Channel				629166	630000	630834	Tune-up Limit (dBm)
Frequency (MHz)				3757.52	3750	3742.48	
15	PI/2 BPSK	1	1	27.19	27.33	27.29	28.8
Channel				629000	630000	631000	Tune-up Limit (dBm)
Frequency (MHz)				3753	3750	3747	
10	PI/2 BPSK	1	1	27.26	27.26	27.33	28.8

<FR1 n7_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.14	24.11	24.05	25.2
50		1	135	23.79	23.83	23.68	25.2
50		1	268	23.55	23.55	23.36	25.2
50		135	0	23.3	23.33	23.23	24.7
50		135	68	23.82	23.92	23.72	25.2
50		135	135	23.41	23.41	23.33	24.7
50		270	0	23.17	23.28	23.1	24.7
50	QPSK	1	1	23.84	23.88	23.68	25.2
50		1	135	23.65	23.72	23.58	25.2
50		1	268	23.68	23.71	23.64	25.2
50		135	0	22.55	22.61	22.43	24.2
50		135	68	23.7	23.75	23.62	25.2
50		135	135	22.16	22.21	22.14	24.2
50		270	0	22.35	22.46	22.38	24.2
50	16QAM	1	1	22.44	22.56	22.43	24.2
50	64QAM	1	1	20.81	20.87	20.77	22.7
50	256QAM	1	1	19.15	19.14	19	20.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.03	24.07	23.94	25.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	24.05	23.97	24	25.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.11	23.97	23.93	25.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.03	24.05	23.99	25.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.12	24.04	23.9	25.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.07	24	23.95	25.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.12	24.06	23.9	25.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.1	24.02	23.99	25.2

<FR1 n66_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.21	24.22	24.23	25.2
45		1	120	23.83	23.94	23.81	25.2
45		1	240	23.78	23.81	23.67	25.2
45		120	0	23.26	23.36	23.24	24.7
45		120	60	23.7	23.85	23.71	25.2
45		120	120	23.14	23.19	23.09	24.7
45		240	0	23.17	23.25	23.18	24.7
45	QPSK	1	1	23.81	23.97	23.91	25.2
45		1	120	23.69	23.74	23.64	25.2
45		1	240	23.74	23.81	23.73	25.2
45		120	0	22.75	22.81	22.67	24.2
45		120	60	23.75	23.79	23.74	25.2
45		120	120	22.64	22.75	22.73	24.2
45		240	0	22.68	22.81	22.7	24.2
45	16QAM	1	1	22.77	22.85	22.73	24.2
45	64QAM	1	1	21.26	21.32	21.26	22.7
45	256QAM	1	1	19.26	19.31	19.2	20.7
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.13	24.12	25.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.17	24.15	24.16	25.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.14	24.12	24.17	25.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.2	24.11	24.22	25.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.13	24.17	24.14	25.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.12	24.08	24.19	25.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.06	24.12	24.09	25.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.09	24.07	24.13	25.2

<FR1 n38_AntE_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	518000	520000	
Frequency (MHz)				2580	2590	2600	
40		1	1	24.22	24.15	24.17	25.2
40		1	53	23.96	23.88	23.77	25.2
40		1	104	23.80	23.67	23.58	25.2
40	PI/2 BPSK	50	0	23.63	23.63	23.42	24.7
40		50	28	23.84	23.91	23.9	25.2
40		50	56	23.67	23.13	23.06	24.7
40		100	0	23.92	23.3	23.21	24.7
40		1	1	23.78	23.25	23.21	25.2
40		1	53	23.56	23.03	22.88	25.2
40		1	104	23.66	23.62	23.58	25.2
40		50	0	22.55	22.57	22.54	24.2
40	QPSK	50	28	23.75	23.69	23.68	25.2
40		50	56	22.62	22.63	22.6	24.2
40		100	0	22.79	22.77	22.64	24.2
40	16QAM	1	1	22.36	22.38	22.35	24.2
40	64QAM	1	1	21.52	22.09	21.96	22.7
40	256QAM	1	1	19.27	19.36	19.31	20.7
Channel				517000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2605	
20	PI/2 BPSK	1	1	24.2	24.12	24.02	25.2
Channel				518000	518000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.3	2590	2607.8	
20	PI/2 BPSK	1	1	24.09	24.06	24.1	25.2
Channel				518000	518000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2610	
20	PI/2 BPSK	1	1	24.21	24.04	24.12	25.2
Channel				518000	518000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2612.5	
15	PI/2 BPSK	1	1	24.2	24.1	24.06	25.2
Channel				518000	518000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	24.16	24.1	24.04	25.2

<FR1 n41_AntE_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506032	518998	532030	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	23.63	23.87	23.65	24.2
100		1	137	23.34	23.45	23.37	24.2
100		1	271	23.49	23.61	23.69	24.2
100	PI/2 BPSK	136	0	23.37	23.47	23.39	24.2
100		136	69	23.39	23.48	23.37	24.2
100		136	136	23.34	23.45	23.32	24.2
100		275	0	23.09	23.41	23.3	24.2
100		1	1	23.3	23.36	23.61	24.2
100		1	137	23.25	23.33	23.16	24.2
100		1	271	23.66	23.65	23.55	24.2
100	QPSK	136	0	23.13	23.28	23.22	24.2
100		136	69	23.52	23.45	23.39	24.2
100		136	136	23.12	23.22	23.16	24.2
100		275	0	23.16	23.21	23.12	24.2
100	16QAM	1	1	23.19	23.36	23.24	24.2
100	64QAM	1	1	21.7	21.87	21.78	22.7
100	256QAM	1	1	19.64	19.79	19.69	20.7
Channel				506230	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2497	2592.99	2688.98	
90	PI/2 BPSK	1	1	23.29	23.36	23.42	24.2
Channel				507226	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2501.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	23.07	23.36	23.35	24.2
Channel				506722	518998	531274	Tune-up Limit (dBm)
Frequency (MHz)				2497.61	2592.99	2688.63	
70	PI/2 BPSK	1	1	23.34	23.35	23.37	24.2
Channel				506536	518998	531786	Tune-up Limit (dBm)
Frequency (MHz)				2496	2592.99	2689.98	
60	PI/2 BPSK	1	1	23.09	23.46	23.3	24.2
Channel				506758	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2497.02	2592.99	2688.98	
50	PI/2 BPSK	1	1	23.34	23.47	23.37	24.2
Channel				506786	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.9	2592.99	2687.48	
45	PI/2 BPSK	1	1	23.09	23.35	23.42	24.2
Channel				506952	518998	531550	Tune-up Limit (dBm)
Frequency (MHz)				2501.61	2592.99	2683	
40	PI/2 BPSK	1	1	23.35	23.46	23.31	24.2
Channel				506794	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.52	2592.99	2687.48	
35	PI/2 BPSK	1	1	23.3	23.38	23.34	24.2
Channel				506230	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2497	2592.99	2687.98	
30	PI/2 BPSK	1	1	23.07	23.45	23.39	24.2
Channel				507152	518998	530728	Tune-up Limit (dBm)
Frequency (MHz)				2504.51	2592.99	2677.8	
25	PI/2 BPSK	1	1	23.4	23.46	23.55	24.2
Channel				507152	518998	530728	Tune-up Limit (dBm)
Frequency (MHz)				2504.52	2592.99	2677.8	
20	PI/2 BPSK	1	1	23.52	23.47	23.53	24.2
Channel				506758	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2502.3	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.53	23.44	23.59	24.2
Channel				506532	518998	531268	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2683	
10	PI/2 BPSK	1	1	23.49	23.36	23.58	24.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506,032	518998	532000	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	26.5	26.57	26.51	26.2
100		1	137	24.37	24.47	24.46	26.2
100		1	271	24.13	24.2	24.36	26.2
100	PI/2 BPSK	135	0	23.83	23.94	23.87	24.7
100		135	69	24.26	24.4	24.36	25.2
100		135	135	24.02	24.03	23.99	24.7
100		270	0	23.97	24.03	23.9	24.7
100		1	1	24.26	24.36	24.22	25.2
100		1	137	24.19	24.23	24.13	25.2
100		1	271	24.16	24.27	24.23	25.2
100	QPSK	135	0	23.21	23.28	23.15	24.2
100		135	69	24.15	24.28	24.21	25.2
100		135	135	23.16	23.24	23.12	24.2
100		270	0	23.23	23.3	23.21	24.2
100	16QAM	1	1	22.29	22.34	22.31	24.2
100	64QAM	1	1	21.72	21.81	21.71	22.7
100	256QAM	1	1	19.66	19.69	19.63	20.7
Channel				506,230	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2497	2592.99	2688.98	
90	PI/2 BPSK	1	1	24.41	24.43	24.46	25.2
Channel				507,226	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	24.36	24.5	24.48	25.2
Channel				506,722	518998	531,274	Tune-up Limit (dBm)
Frequency (MHz)				2497.61	2592.99	2688.63	
70	PI/2 BPSK	1	1	24.49	24.4	24.39	25.2
Channel				506,536	518998	531,786	Tune-up Limit (dBm)
Frequency (MHz)				2496	2592.99	2689.98	
60	PI/2 BPSK	1	1	24.42	24.43	24.41	25.2
Channel				506,758	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.02	2592.99	2688.98	
50	PI/2 BPSK	1	1	24.39	24.39	24.41	25.2
Channel				506,786	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.9	2592.99	2687.48	
45	PI/2 BPSK	1	1	24.49	24.5	24.44	25.2
Channel				506,952	518998	531550	Tune-up Limit (dBm)
Frequency (MHz)				2501.61	2592.99	2683	
40	PI/2 BPSK	1	1	24.48	24.45	24.46	25.2
Channel				506,794	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2501.52	2592.99	2687.48	
35	PI/2 BPSK	1	1	24.39	24.37	24.47	25.2
Channel				506,230	518998	531998	Tune-up Limit (dBm)
Frequency (MHz)				2497	2592.99	2687.98	
30	PI/2 BPSK	1	1	24.39	24.39	24.52	25.2
Channel				507,152	518998	530728	Tune-up Limit (dBm)
Frequency (MHz)				2504.51	2592.99	2677.8	
25	PI/2 BPSK	1	1	24.48	24.45	24.49	25.2
Channel				507,152	518998	530728	Tune-up Limit (dBm)
Frequency (MHz)				2504.52	2592.99	2677.8	
20	PI/2 BPSK	1	1	24.46	24.42	24.37	25.2
Channel				506,758	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2502.3	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.48	24.39	24.48	25.2
Channel				506,532	518998	531,268	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2683	
10	PI/2 BPSK	1	1	24.35	24.48	24.48	25.2

<FR1 n48_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3600	3629.98	3659.96	
40		1	1	20.93	21	20.99	22.5
40		1	53	20.79	20.96	20.91	22.5
40		1	104	20.83	20.96	20.92	22.5
40	PI/2 BPSK	50	0	20.94	21.1	21.02	22.5
40		50	26	21.03	21.03	21.03	22.5
40		50	56	20.9	21.06	20.93	22.5
40		100	0	20.9	21.07	21.01	22.5
40		1	1	20.87	20.97	20.92	22.5
40		1	53	20.81	20.89	20.73	22.5
40		1	104	20.83	20.87	20.78	22.5
40	QPSK	50	0	20.85	20.97	20.93	21.5
40		50	26	21.06	21.02	21.08	22.5
40		50	56	20.82	20.91	20.88	21.5
40		100	0	20.94	20.93	20.97	21.5
40	16QAM	1	1	20.14	20.34	20.23	21.5
40	64QAM	1	1	18.93	19.53	19.79	20
40	256QAM	1	1	16.98	18.7	16.93	18
Channel				637668	641666	645664	Tune-up Limit [dBm]
Frequency [MHz]				3561.02	3629.98	3699.94	
30	PI/2 BPSK	1	1	20.79	20.94	20.96	22.5
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3557.01	3629.98	3699	
20	PI/2 BPSK	1	1	20.82	20.97	20.99	22.5
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3557.52	3629.98	3692.48	
15	PI/2 BPSK	1	1	20.9	20.89	20.96	22.5
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3552	3629.98	3684.93	
10	PI/2 BPSK	1	1	20.87	20.91	20.93	22.5

<FR1 n77 (27Q)_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		22.47		23.9
100		1	137		22.23		23.9
100		1	271		22.26		23.9
100	PI/2 BPSK	136	0		23.99		23.9
100		136	69		23.99		23.9
100		136	136		23.99		23.9
100		270	0		23.99		23.9
100		1	1		22.2		23.9
100		1	137		22.55		23.9
100		1	271		22.21		23.9
100	QPSK	136	0		23.12		23.9
100		136	69		23.02		23.9
100		136	136		23.05		23.9
100		270	0		22.99		23.9
100	16QAM	1	1		22.26		23.9
100	64QAM	1	1		22.17		23.9
100	256QAM	1	1		21.46		22.4
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.96	
90	PI/2 BPSK	1	1	22.37	22.39	22.33	23.9
Channel				630666	633333	636000	Tune-up Limit [dBm]
Frequency [MHz]				3491.52	3499.98	3508	
80	PI/2 BPSK	1	1	22.27	22.3	22.21	23.9
Channel				630334	633332	636330	
Frequency [MHz]				3493.01	3499.98	3506.96	Tune-up Limit [dBm]
70	PI/2 BPSK	1	1	22.22	22.27	22.29	23.9
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.96	
60	PI/2 BPSK	1	1	22.23	22.35	22.21	23.9
Channel				631998	633332	634666	
Frequency [MHz]				3473.52	3499.98	3526	Tune-up Limit [dBm]
50	PI/2 BPSK	1	1	22.22	22.37	22.3	23.9
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3528.96	
40	PI/2 BPSK	1	1	22.25	22.25	22.24	23.9
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	22.28	22.38	22.29	23.9
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.27	22.3	22.25	23.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3467.52	3499.98	3540	
20	PI/2 BPSK	1	1	22.25	22.26	22.27	23.9
Channel				630498	633332	636166	Tune-up Limit [dBm]
Frequency [MHz]				3467.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	22.23	22.31	22.22	23.9
Channel				630334	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.25	22.32	22.27	23.9

<FR1 n77 (27Q)_HPUE_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		25.89		26.9
100		1	137		25.61		26.9
100		1	271		25.7		26.9
100	PI/2 BPSK	136	0		25.77		26.9
100		136	69		25.81		26.9
100		136	136		25.72		26.9
100		270	0		25.71		26.9
100		1	1		25.92		26.9
100		1	137		25.67		26.9
100		1	271		25.68		26.9
100	QPSK	136	0		25.72		26.9
100		136	69		25.57		26.9
100		136	136		24.6		25.9
100		270	0		24.99		25.9
100	16QAM	1	1		24.65		26.9
100	64QAM	1	1		23.29		24.4
100	256QAM	1	1		20.72		22.4
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.96	
90	PI/2 BPSK	1	1	25.81	25.82	25.76	26.9
Channel				633666	633332	634000	Tune-up Limit [dBm]
Frequency [MHz]				3491.52	3499.98	3508	
80	PI/2 BPSK	1	1	25.66	25.72	25.66	26.9
Channel				634334	633332	634332	
Frequency [MHz]				3493.01	3499.98	3506.96	Tune-up Limit [dBm]
70	PI/2 BPSK	1	1	25.67	25.76	25.75	26.9
Channel				634000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.96	
60	PI/2 BPSK	1	1	25.79	25.71	25.77	26.9
Channel				631998	633332	634666	
Frequency [MHz]				3473.52	3499.98	3526	Tune-up Limit [dBm]
50	PI/2 BPSK	1	1	25.79	25.89	25.85	26.9
Channel				631334	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3528.96	
40	PI/2 BPSK	1	1	25.77	25.77	25.84	26.9
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	25.72	25.72	25.82	26.9
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.76	25.68	25.88	26.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3467.52	3499.98	3540	
20	PI/2 BPSK	1	1	25.67	25.74	25.71	26.9
Channel				630498	633332	636166	Tune-up Limit [dBm]
Frequency [MHz]				3467.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	25.76	25.71	25.87	26.9
Channel				630334	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.67	25.62	25.71	26.9

<FR1 n77 (27O)_AntE_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3930	3960	3990	
100		1	1	22.37	22.45	22.31	23.5
100		1	137	21.46	22.09	21.92	23.5
100		1	271	22.37	23.07	22.12	23.5
100	PI/2 BPSK	135	0	22.09	22.23	21.98	23.5
100		134	69	21.97	22.19	21.91	23.5
100		135	135	22.02	22.22	22.07	23.5
100		270	0	22.11	22.3	22.11	23.5
100		1	1	22.21	22.53	22.16	23.5
100		1	137	21.65	22.04	21.83	23.5
100		1	271	22.33	22.43	22.25	23.5
100	QPSK	135	0	22.11	22.25	22.02	23.5
100		135	69	21.82	22.13	21.98	23.5
100		135	135	22.09	22.2	22.01	23.5
100		270	0	22.14	22.24	22.01	23.5
100	16QAM	1	1	22	22.16	22	23.5
100	64QAM	1	1	22.45	23.18	21.98	23.5
100	256QAM	1	1	20.46	20.66	20.47	22.4
Channel				649968	656330	662332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3809	3868.98	
90	PI/2 BPSK	1	1	22.36	22.44	22.16	23.5
Channel				649334	656030	662666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3809	3839.99	
80	PI/2 BPSK	1	1	22.23	22.36	22.24	23.5
Channel				649134	656134	662134	Tune-up Limit (dBm)
Frequency (MHz)				3733	3843	3953	
70	PI/2 BPSK	1	1	22.26	22.44	22.17	23.5
Channel				649068	656068	663132	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.28	22.35	22.28	23.5
Channel				649334	656334	663466	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3843	3954.99	
50	PI/2 BPSK	1	1	22.29	22.4	22.29	23.5
Channel				649500	656400	664800	Tune-up Limit (dBm)
Frequency (MHz)				3747	3849	3960	
40	PI/2 BPSK	1	1	22.23	22.35	22.19	23.5
Channel				647868	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3840	3948.96	
30	PI/2 BPSK	1	1	22.26	22.53	22.2	23.5
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3731.5	3840	3947.5	
25	PI/2 BPSK	1	1	22.28	22.43	22.2	23.5
Channel				647334	656034	664866	Tune-up Limit (dBm)
Frequency (MHz)				3731.01	3840	3949.98	
20	PI/2 BPSK	1	1	22.3	22.36	22.17	23.5
Channel				647166	656034	664902	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3840	3947.46	
15	PI/2 BPSK	1	1	22.28	22.43	22.23	23.5
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3733	3843	3953	
10	PI/2 BPSK	1	1	22.29	22.31	22.28	23.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662330	
Frequency (MHz)				3930	3960	3990	
100		1	1	25.55	25.81	25.53	26.5
100		1	137	25.26	25.43	25.22	26.5
100		1	271	25.1	25.27	25.19	26.5
100	PI/2 BPSK	135	0	24.58	24.96	24.49	26.5
100		135	69	24.6	25.03	24.8	26.5
100		135	135	24.59	24.7	24.54	26.5
100		270	0	24.64	24.73	24.6	26.5
100		1	1	25.19	25.35	25.17	26.5
100		1	137	24.51	25.06	24.92	26.5
100		1	271	25.27	25.36	25.15	26.5
100	QPSK	135	0	25.21	25.3	25.19	26.5
100		135	69	24.89	25.04	24.89	26.5
100		135	135	24.63	24.22	24.13	26.5
100		270	0	24.63	24.19	24.1	26.5
100	16QAM	1	1	24.22	24.46	24.35	25.5
100	64QAM	1	1	22.72	22.87	22.72	24.5
100	256QAM	1	1	20.68	20.88	20.3	22.5
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3809	3868.98	
90	PI/2 BPSK	1	1	25.67	25.87	25.65	26.5
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3809	3839.99	
80	PI/2 BPSK	1	1	25.48	25.66	25.47	26.5
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3733	3843	3953	
70	PI/2 BPSK	1	1	25.53	25.56	25.46	26.5
Channel				649068	656068	663132	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.43	25.56	25.3	26.5
Channel				649334	656334	663466	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3843	3954.99	
50	PI/2 BPSK	1	1	25.5	25.49	25.45	26.5
Channel				649500	656400	663300	Tune-up Limit (dBm)
Frequency (MHz)				3749	3849	3949	
40	PI/2 BPSK	1	1	25.69	25.46	25.42	26.5
Channel				647568	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3840	3948.96	
30	PI/2 BPSK	1	1	25.67	25.53	25.49	26.5
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3731.5	3840	3947.5	
25	PI/2 BPSK	1	1	25.61	25.56	25.43	26.5
Channel				647234	656000	664866	Tune-up Limit (dBm)
Frequency (MHz)				3731.01	3840	3949.98	
20	PI/2 BPSK	1	1	25.47	25.56	25.39	26.5
Channel				647166	656034	664902	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3840	3947.46	
15	PI/2 BPSK	1	1	25.4	25.49	25.46	26.5
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3733	3843	3953	
10	PI/2 BPSK	1	1	25.46	25.55	25.48	26.5

<FR1 n78 (27Q)_AntE_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3459.98		
100		1	1		22.02		23.5
100		1	137		21.72		23.5
100		1	275		22		23.5
100	PI/2 BPSK	135	0		22.79		23.5
100		135	69		22.82		23.5
100		135	135		22.74		23.5
100		270	0		22.82		23.5
100		1	1		21.82		23.5
100		1	137		21.6		23.5
100		1	271		21.99		23.5
100	QPSK	135	0		22.79		23.5
100		135	69		22.72		23.5
100		135	135		22.76		23.5
100		270	0		22.87		23.5
100	16QAM	1	1		21.52		22.5
100	64QAM	1	1		21.69		22.5
100	256QAM	1	1		21.11		22.5
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3450	3459.96	3469.98	
90	PI/2 BPSK	1	1	21.99	22.01	21.93	22.5
Channel				632999	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3449.98	3459.96	3469.98	
80	PI/2 BPSK	1	1	21.96	21.93	21.96	22.5
Channel				632734	633132	633532	Tune-up Limit (dBm)
Frequency (MHz)				3445.01	3455.98	3474.98	
70	PI/2 BPSK	1	1	21.89	21.87	21.84	22.5
Channel				632734	633132	633666	Tune-up Limit (dBm)
Frequency (MHz)				3445	3459.96	3474.99	
60	PI/2 BPSK	1	1	21.87	21.86	21.81	22.5
Channel				631968	633132	633666	Tune-up Limit (dBm)
Frequency (MHz)				3439.02	3459.96	3469.98	
50	PI/2 BPSK	1	1	21.96	21.91	21.9	22.5
Channel				631800	633132	633600	Tune-up Limit (dBm)
Frequency (MHz)				3437.01	3459.96	3529.98	
40	PI/2 BPSK	1	1	21.89	21.89	21.83	22.5
Channel				631668	633132	633666	Tune-up Limit (dBm)
Frequency (MHz)				3466	3459.96	3474.99	
30	PI/2 BPSK	1	1	21.96	21.83	21.87	22.5
Channel				630834	633132	633432	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3459.96	3527.46	
25	PI/2 BPSK	1	1	21.89	21.99	21.76	22.5
Channel				632968	633132	634000	Tune-up Limit (dBm)
Frequency (MHz)				3482.52	3459.96	3563	
20	PI/2 BPSK	1	1	21.86	21.87	21.81	22.5
Channel				633132	633132	634134	Tune-up Limit (dBm)
Frequency (MHz)				3477.5	3459.96	3542.49	
15	PI/2 BPSK	1	1	21.89	21.9	21.85	22.5
Channel				633132	633132	634200	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3459.96	3549.99	
10	PI/2 BPSK	1	1	21.87	21.82	21.87	22.5

<FR1 n78 (27Q)_HPUE_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		25.62		26.9
100		1	137		25.55		26.9
100		1	273		25.62		26.9
100	PI/2 BPSK	135	0		25.11		26.4
100		135	69		25.54		26.9
100		135	138		25.52		26.4
100		270	0		25.08		26.4
100		1	1		25.79		26.9
100		1	137		25.47		26.9
100		1	271		25.6		26.9
100	QPSK	135	0		25.62		25.9
100		135	69		25.68		26.9
100		135	138		26.5		25.9
100		270	0		25.58		25.9
100	16QAM	1	1		24.7		25.9
100	64QAM	1	1		23.83		24.4
100	256QAM	1	1		20.62		22.4
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3509.99	
90	PI/2 BPSK	1	1	25.72	25.79	25.77	26.9
Channel				632982	633332	633682	Tune-up Limit (dBm)
Frequency (MHz)				3489.82	3499.99	3510	
80	PI/2 BPSK	1	1	25.98	25.87	25.83	26.9
Channel				632718	633332	633712	Tune-up Limit (dBm)
Frequency (MHz)				3482.01	3499.99	3514.98	
70	PI/2 BPSK	1	1	25.7	25.63	25.66	26.9
Channel				632550	633332	634098	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.96	
60	PI/2 BPSK	1	1	25.98	25.86	25.86	26.9
Channel				631968	633332	634682	Tune-up Limit (dBm)
Frequency (MHz)				3476.52	3499.99	3523	
50	PI/2 BPSK	1	1	26.04	25.89	25.72	26.9
Channel				631404	633332	635322	Tune-up Limit (dBm)
Frequency (MHz)				3473.01	3499.99	3529.98	
40	PI/2 BPSK	1	1	25.38	25.7	25.72	26.9
Channel				631083	633332	635982	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3529.98	
30	PI/2 BPSK	1	1	25.38	25.65	25.73	26.9
Channel				630804	633332	636642	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	25.91	25.73	25.7	26.9
Channel				630668	633332	636302	Tune-up Limit (dBm)
Frequency (MHz)				3460.32	3499.99	3540	
20	PI/2 BPSK	1	1	25.87	25.73	25.73	26.9
Channel				630302	633332	636748	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.46	
15	PI/2 BPSK	1	1	25.66	25.79	25.74	26.9
Channel				630124	633332	636772	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.99	3544.98	
10	PI/2 BPSK	1	1	25.7	25.66	25.73	26.9

<FR1 n78 (27O)_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		22.97		23.9
100		1	137		22.8		23.9
100		1	273		22.96		23.9
100	PI/2 BPSK	135	0		22.78		23.9
100		135	69		22.81		23.9
100		135	138		22.59		23.9
100		270	0		22.67		23.9
100		1	1		22.78		23.9
100		1	137		22.91		23.9
100		1	271		22.3		23.9
100	QPSK	135	0		22.73		23.9
100		135	69		22.62		23.9
100		135	138		22.57		23.9
100		270	0		22.66		23.9
100	16QAM	1	1		20.8		23.9
100	64QAM	1	1		22.79		23.9
100	256QAM	1	1		21.17		22.4
Channel				649848	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	22.62	22.8	22.87	23.9
Channel				649134	650000	650865	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.79	22.66	22.81	23.9
Channel				648768	650000	651232	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.73	22.73	22.81	23.9
Channel				648168	650000	651832	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.73	22.75	22.74	23.9
Channel				647538	650000	652462	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.7	22.77	22.73	23.9
Channel				646908	650000	653092	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.77	22.68	22.66	23.9
Channel				647568	650000	652432	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
30	PI/2 BPSK	1	1	22.73	22.79	22.79	23.9
Channel				647958	650000	652042	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.79	22.79	22.83	23.9
Channel				647298	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.79	22.71	22.75	23.9
Channel				647118	650000	652872	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.73	22.76	22.73	23.9
Channel				647088	650000	652902	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.75	22.73	22.74	23.9

<FR1 n78 (27O)_HPUE_Ant6_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		25.9		26.9
100		1	137		25.58		26.9
100		1	273		25.61		26.9
100	PI/2 BPSK	135	0		24.85		26.4
100		135	69		25.3		26.9
100		135	138		24.71		26.4
100		270	0		25.14		26.4
100		1	1		25.79		26.9
100		1	137		25.67		26.9
100		1	271		25.63		26.9
100	QPSK	135	0		25.68		25.9
100		135	69		25.61		26.9
100		135	138		24.57		25.9
100		270	0		24.97		25.9
100	16QAM	1	1		24.64		25.9
100	64QAM	1	1		23.99		24.4
100	256QAM	1	1		21.1		22.4
Channel				649848	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	25.92	25.88	25.87	26.9
Channel				649134	650000	650865	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.74	25.74	25.79	26.9
Channel				648768	650000	651232	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.81	25.86	25.86	26.9
Channel				648168	650000	651832	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.71	25.77	25.87	26.9
Channel				647538	650000	652462	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.77	25.82	25.72	26.9
Channel				646908	650000	653092	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.7	25.77	25.79	26.9
Channel				647568	650000	652432	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
30	PI/2 BPSK	1	1	25.7	25.87	25.78	26.9
Channel				647958	650000	652042	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.7	25.85	25.83	26.9
Channel				647298	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.77	25.76	25.86	26.9
Channel				647118	650000	652872	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.69	25.84	25.73	26.9
Channel				647088	650000	652902	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.7	25.8	25.77	26.9

<FR1 n7_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.25	23.51	23.26	24.2
50		1	135	21.87	23.21	22.89	24.2
50		1	268	22.19	23.49	23.16	24.2
50		135	0	21.56	22.88	22.55	23.7
50		135	68	22.22	23.54	23.2	24.2
50		135	135	21.77	23.03	22.74	23.7
50		270	0	21.79	22.97	22.62	23.7
50	QPSK	1	1	22.01	23.29	23.03	24.2
50		1	135	22.13	23.48	23.22	24.2
50		1	268	22.21	23.51	23.23	24.2
50		135	0	21.16	22.39	22.13	23.2
50		135	68	22.22	23.56	23.16	24.2
50		135	135	21.22	22.5	22.21	23.2
50		270	0	21.24	22.55	22.22	23.2
50	16QAM	1	1	21.33	21.23	20.89	23.2
50	64QAM	1	1	19.73	20.92	20.56	21.7
50	256QAM	1	1	17.79	18.18	17.87	19.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.23	23.49	23.17	24.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.24	23.5	23.21	24.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.12	23.37	23.22	24.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.13	23.49	23.19	24.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.12	23.48	23.21	24.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.16	23.46	23.2	24.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.13	23.37	23.23	24.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.14	23.48	23.23	24.2

<FR1 n66_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.74	22.98	22.88	24
45		1	120	22.64	22.95	22.71	24
45		1	240	22.62	22.93	22.8	24
45		120	0	22.06	22.35	22.23	23.5
45		120	60	22.64	22.96	22.75	24
45		120	120	22.15	22.43	22.32	23.5
45		240	0	22.11	22.44	22.25	23.5
45	QPSK	1	1	22.45	22.84	22.68	24
45		1	120	22.6	22.86	22.63	24
45		1	240	22.62	22.92	22.68	24
45		120	0	21.6	21.91	21.75	23
45		120	60	22.7	22.97	22.8	24
45		120	120	21.63	21.92	21.69	23
45		240	0	21.55	21.92	21.77	23
45	16QAM	1	1	21.5	21.83	21.7	23
45	64QAM	1	1	20.24	20.59	20.45	21.5
45	256QAM	1	1	17.44	17.76	17.54	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.71	22.87	22.82	24
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.69	22.86	22.78	24
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.69	22.86	22.84	24
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.62	22.96	22.79	24
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.66	22.91	22.8	24
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.7	22.83	22.83	24
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.65	22.94	22.75	24
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.66	22.85	22.79	24

<FR1 n38_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.99	23.02	22.87	23.7
40		1	53	22.35	22.42	22.18	23.7
40		1	104	22.27	22.35	22.18	23.7
40	PI/2 BPSK	50	0	22.02	22.11	21.92	23.2
40		50	28	22.53	22.68	22.39	23.7
40		50	56	21.71	21.87	21.62	23.2
40		100	0	23.07	22.15	21.94	23.2
40		1	1	22.57	22.66	22.47	23.7
40		1	53	22.3	22.42	22.24	23.7
40		1	104	23.06	22.21	23.01	23.7
40	QPSK	50	0	21.53	21.59	21.34	22.7
40		50	28	22.34	22.51	22.34	23.7
40		50	56	21.2	21.27	21.03	22.7
40		100	0	21.54	21.67	21.52	22.7
40	16QAM	1	1	21.74	21.79	21.61	22.7
40	64QAM	1	1	20.19	20.29	20.07	21.2
40	256QAM	1	1	18.59	18.24	18.55	19.2
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	22.93	22.87	22.78	23.7
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2580	2607.5	
25	PI/2 BPSK	1	1	22.85	22.95	22.75	23.7
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	22.91	22.9	22.8	23.7
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	22.96	23	22.74	23.7
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2610	
10	PI/2 BPSK	1	1	22.92	22.94	22.83	23.7

<FR1 n41_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.12	21.44	21.39	22.7
100		1	137	20.6	21.06	20.97	22.7
100		1	271	20.42	20.98	20.66	22.7
100	PI/2 BPSK	135	0	21.34	22.01	21.64	22.2
100		135	69	21.76	22.37	22.04	22.7
100		135	138	21.05	21.67	21.35	22.2
100		270	0	21.25	21.88	21.53	22.2
100		1	1	20.98	21.58	21.23	22.7
100		1	137	20.65	21.21	20.92	22.7
100		1	271	20.36	20.97	20.65	22.7
100	QPSK	135	0	21	21.54	21.26	21.7
100		135	69	21.73	22.39	22.08	22.7
100		135	138	20.55	21.16	20.85	21.7
100		270	0	20.78	21.4	21.02	21.7
100	16QAM	1	1	20.97	21.56	21.26	21.7
100	64QAM	1	1	19.09	20.13	19.85	20.2
100	256QAM	1	1	17.46	17.92	18.09	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	21.43	22.03	21.77	22.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.52	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.37	21.98	21.66	22.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.37	21.97	21.77	22.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.4	21.9	21.76	22.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	21.4	21.9	21.71	22.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.48	22	21.72	22.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.46	21.92	21.69	22.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.49	21.93	21.74	22.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.43	21.93	21.72	22.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.38	22.03	21.69	22.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.46	21.98	21.73	22.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.51	21.96	21.69	22.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.43	21.96	21.76	22.7

<FR1 n41_HPUE_Ant7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.49	22.98	22.79	23.7
100		1	137	21.65	22.06	22.15	23.7
100		1	271	21.72	22.17	21.96	23.7
100	PI/2 BPSK	135	0	21.64	22.07	21.85	23.2
100		135	69	21.66	22.36	22.18	23.7
100		135	138	21.3	21.74	21.55	23.2
100		270	0	21.5	21.92	21.77	23.2
100		1	1	22.31	22.77	22.57	23.7
100		1	137	21.68	22.21	22.05	23.7
100		1	271	21.48	21.98	21.78	23.7
100	QPSK	135	0	21.16	21.57	21.39	22.7
100		135	69	21.81	22.34	22.23	23.7
100		135	138	20.98	21.27	21.12	22.7
100		270	0	21.03	21.49	21.33	22.7
100	16QAM	1	1	21.48	21.91	21.79	22.7
100	64QAM	1	1	19.66	20.41	20.26	21.2
100	256QAM	1	1	17.68	18.56	18.04	19.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.46	22.84	22.69	23.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.52	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.41	22.79	22.73	23.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.35	22.8	22.66	23.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.38	22.81	22.66	23.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	22.42	22.85	22.7	23.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.42	22.84	22.69	23.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.47	22.91	22.69	23.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.35	22.91	22.77	23.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.34	22.86	22.64	23.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.43	22.75	22.73	23.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.34	22.86	22.65	23.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.4	22.74	22.72	23.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.43	22.85	22.72	23.7

<FR1 n48_Ant9_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636666	641666	646332	
Frequency (MHz)				3670	3624.99	3679.98	
40		1	1	18	18.25	18.17	19.9
40		1	53	17.96	18.23	18.07	19.9
40		1	104	17.83	18.12	18.02	19.9
40	PI/2 BPSK	50	0	17.37	17.66	17.53	19.4
40		50	29	17.91	18.24	18.13	19.9
40		50	58	17.27	17.62	17.45	19.4
40		100	0	17.33	17.59	17.45	19.4
40		1	1	17.79	18.03	17.96	19.9
40		1	53	17.71	18.06	17.96	19.9
40		1	104	17.76	18.12	18.01	19.9
40	QPSK	50	0	16.76	17.09	16.87	18.9
40		50	29	17.71	18.04	17.93	19.9
40		50	58	16.71	17.06	16.88	18.9
40		100	0	16.97	17.11	16.95	18.9
40	16QAM	1	1	16.67	16.95	16.77	18.9
40	64QAM	1	1	15.25	15.53	15.45	17.4
40	256QAM	1	1	13.31	13.54	13.37	15.4
Channel				627666	641666	655666	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3689.99	
30	PI/2 BPSK	1	1	17.88	18.12	18.04	19.9
Channel				627334	641666	656000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.84	18.2	18.09	19.9
Channel				627668	641666	655666	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.96	18.1	18.14	19.9
Channel				627001	641665	656332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.91	18.21	18.03	19.9

<FR1 n77 (27Q)_Ant9_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		20.67		20.8
100		1	137		20.18		20.8
100		1	271		20.34		20.8
100	PI/2 BPSK	135	0		20.32		20.8
100		135	69		20.19		20.8
100		135	138		20.17		20.8
100		270	0		20.03		20.8
100		1	1		20.35		20.8
100		1	137		20.04		20.8
100		1	271		20.27		20.8
100	QPSK	135	0		20.22		20.8
100		135	69		20.04		20.8
100		135	138		20.13		20.8
100		270	0		20.28		20.8
100	16QAM	1	1		20.31		20.8
100	64QAM	1	1		20.38		20.8
100	256QAM	1	1		18.86		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.33	20.3	20.29	20.8
Channel				632998	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3494.82	3499.98	30.13	
80	PI/2 BPSK	1	1	20.3	20.23	20.23	20.8
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3489.81	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.19	20.26	20.26	20.8
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3483	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.29	20.2	20.26	20.8
Channel				631666	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.25	20.2	20.18	20.8
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.25	20.17	20.26	20.8
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.18	20.26	20.15	20.8
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3452.51	3499.98	3547.48	
25	PI/2 BPSK	1	1	20.21	20.16	20.25	20.8
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.27	20.16	20.25	20.8
Channel				630330	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.32	20.22	20.17	20.8
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3452.01	3499.98	3547.98	
10	PI/2 BPSK	1	1	20.21	20.25	20.23	20.8

<FR1 n77 (27Q)_HPUE_Ant9_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		23.49		23.8
100		1	137		23.25		23.8
100		1	271		23.3		23.8
100	PI/2 BPSK	135	0		22.87		23.3
100		135	69		23.2		23.8
100		135	138		22.73		23.3
100		270	0		22.73		23.3
100		1	1		23.47		23.8
100		1	137		23.18		23.8
100		1	271		23.28		23.8
100	QPSK	135	0		22.33		22.8
100		135	69		23.19		23.8
100		135	138		22.16		22.8
100		270	0		22.28		22.8
100	16QAM	1	1		22.4		22.8
100	64QAM	1	1		20.29		21.3
100	256QAM	1	1		18.7		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.41	23.43	23.4	23.8
Channel				632998	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3494.82	3499.98	3510	
80	PI/2 BPSK	1	1	23.3	23.41	23.33	23.8
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3489.81	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.36	23.4	23.25	23.8
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3483	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.35	23.4	23.35	23.8
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.31	23.32	23.35	23.8
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.38	23.37	23.39	23.8
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.38	23.34	23.34	23.8
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3452.51	3499.98	3547.48	
25	PI/2 BPSK	1	1	23.31	23.41	23.39	23.8
Channel				630968	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.26	23.32	23.26	23.8
Channel				630630	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.36	23.36	23.27	23.8
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3452.01	3499.98	3547.98	
10	PI/2 BPSK	1	1	23.35	23.39	23.39	23.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656666	663332	
Frequency [MHz]				3550	3663	3830	
100		1	1	19.8	19.89	19.44	20.8
100		1	137	19.2	19.36	18.86	20.8
100		1	271	19.11	19.31	18.77	20.8
100	PI/2 BPSK	135	0	19.33	19.5	18.96	20.8
100		135	69	19.34	19.55	19.01	20.8
100		135	136	19.17	19.35	18.83	20.8
100		270	0	19.26	19.36	18.88	20.8
100		1	1	19.48	19.64	19.17	20.8
100		1	137	19.52	19.67	19.09	20.8
100		1	271	19.45	19.62	19.06	20.8
100	QPSK	135	0	19.65	19.77	19.19	20.8
100		135	69	19.56	19.49	19.01	20.8
100		135	136	19.31	19.46	18.99	20.8
100		270	0	19.35	19.49	18.97	20.8
100	16QAM	1	1	19.45	19.67	19.21	20.8
100	64QAM	1	1	19.55	19.7	19.13	20.8
100	256QAM	1	1	17.84	18.07	17.52	19.3
Channel				649998	656532	663334	Tune-up Limit (dBm)
Frequency [MHz]				3749.02	3843	3934.98	
90	PI/2 BPSK	1	1	19.68	19.84	19.31	20.8
Channel				649334	656666	663998	Tune-up Limit (dBm)
Frequency [MHz]				3749.01	3843	3939.99	
80	PI/2 BPSK	1	1	19.65	19.83	19.39	20.8
Channel				649666	656332	663000	Tune-up Limit (dBm)
Frequency [MHz]				3735	3843	3945	
70	PI/2 BPSK	1	1	19.68	19.83	19.39	20.8
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency [MHz]				3730.02	3843	3949.98	
60	PI/2 BPSK	1	1	19.75	19.82	19.36	20.8
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency [MHz]				3725.01	3843	3955.99	
50	PI/2 BPSK	1	1	19.72	19.73	19.31	20.8
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency [MHz]				3720	3843	3960	
40	PI/2 BPSK	1	1	19.66	19.79	19.35	20.8
Channel				647998	656000	664332	Tune-up Limit (dBm)
Frequency [MHz]				3715.02	3843	3964.98	
30	PI/2 BPSK	1	1	19.71	19.81	19.43	20.8
Channel				647998	656000	664666	Tune-up Limit (dBm)
Frequency [MHz]				3712.5	3843	3967.5	
25	PI/2 BPSK	1	1	19.75	19.88	19.42	20.8
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3843	3969.99	
20	PI/2 BPSK	1	1	19.72	19.74	19.39	20.8
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3843	3972.48	
15	PI/2 BPSK	1	1	19.79	19.93	19.52	20.8
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency [MHz]				3705	3843	3975	
10	PI/2 BPSK	1	1	19.75	19.83	19.36	20.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency [MHz]				3700	3840	3980	
100		1	1	22.75	22.79	22.39	23.8
100		1	137	22.36	22.51	22.19	23.8
100	PI/2 BPSK	1	271	22.36	22.43	22.1	23.8
100		135	0	21.95	22.09	21.85	23.3
100		135	69	22.3	22.43	22.06	23.8
100		135	138	21.85	22	21.66	23.3
100		270	0	21.95	22	21.64	23.3
100		1	1	22.71	22.75	22.45	23.8
100		1	137	22.26	22.37	22.14	23.8
100		1	271	22.28	22.46	22.13	23.8
100	QPSK	135	0	21.5	21.68	21.26	22.8
100		135	69	22.2	22.36	22.06	23.8
100		135	138	21.38	21.44	21.11	22.8
100		270	0	21.43	21.5	21.24	22.8
100	16QAM	1	1	21.53	21.69	21.36	22.8
100	64QAM	1	1	19.66	19.8	19.48	21.3
100	256QAM	1	1	18.07	18.13	17.91	19.3
Channel				649998	656000	662334	Tune-up Limit (dBm)
Frequency [MHz]				3749.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.73	22.69	22.47	23.8
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency [MHz]				3749.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.79	22.64	22.42	23.8
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency [MHz]				3735	3840	3945	
70	PI/2 BPSK	1	1	22.72	22.66	22.51	23.8
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency [MHz]				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.65	22.71	22.31	23.8
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency [MHz]				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.79	22.64	22.42	23.8
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency [MHz]				3720	3840	3960	
40	PI/2 BPSK	1	1	22.66	22.72	22.42	23.8
Channel				647998	656000	664332	Tune-up Limit (dBm)
Frequency [MHz]				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.65	22.77	22.5	23.8
Channel				647998	656000	664000	Tune-up Limit (dBm)
Frequency [MHz]				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.65	22.76	22.45	23.8
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.68	22.75	22.49	23.8
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.66	22.75	22.43	23.8
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency [MHz]				3705	3840	3975	
10	PI/2 BPSK	1	1	22.72	22.74	22.5	23.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		20.43		20.8
100		1	137		20.15		20.8
100	PI/2 BPSK	1	271		20.28		20.8
100		135	0		20.3		20.8
100		135	69		20.16		20.8
100		135	138		20.07		20.8
100		270	0		20.08		20.8
100		1	1		20.4		20.8
100		1	137		20.05		20.8
100		1	271		20.32		20.8
100	QPSK	135	0		20.15		20.8
100		135	69		20.1		20.8
100		135	138		20.17		20.8
100		270	0		20.18		20.8
100	16QAM	1	1		20.18		20.8
100	64QAM	1	1		20.28		20.8
100	256QAM	1	1		18.73		19.3
Channel				633000	633334	633666	Tune-up Limit (dBm)
Frequency [MHz]				3460	3499.98	3534.99	
90	PI/2 BPSK	1	1	20.39	20.39	20.38	20.8
Channel				633666	633334	634000	Tune-up Limit (dBm)
Frequency [MHz]				3460.02	3499.98	3610	
80	PI/2 BPSK	1	1	20.29	20.29	20.3	20.8
Channel				633334	633332	634332	Tune-up Limit (dBm)
Frequency [MHz]				3460.47	3499.98	3554.98	
70	PI/2 BPSK	1	1	20.28	20.32	20.28	20.8
Channel				633000	633332	634666	Tune-up Limit (dBm)
Frequency [MHz]				3460	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.29	20.35	20.29	20.8
Channel				631666	633332	635000	Tune-up Limit (dBm)
Frequency [MHz]				3473.52	3499.98	3525	
50	PI/2 BPSK	1	1	20.34	20.38	20.26	20.8
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency [MHz]				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.33	20.36	20.33	20.8
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency [MHz]				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.27	20.29	20.28	20.8
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency [MHz]				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.26	20.28	20.33	20.8
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency [MHz]				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.33	20.29	20.31	20.8
Channel				630330	633332	636166	Tune-up Limit (dBm)
Frequency [MHz]				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.26	20.35	20.27	20.8
Channel				630330	633332	636330	Tune-up Limit (dBm)
Frequency [MHz]				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.21	20.26	20.34	20.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					636332		
Frequency (MHz)					3490.98		
100	PI/2 BPSK	1	1		22.2		23.8
100		1	137		23.11		23.8
100		1	271		23.03		23.8
100		135	0		22.7		23.3
100		135	69		23.15		23.8
100		135	138		22.56		23.3
100		270	0		22.73		23.3
100	QPSK	1	1		23.12		23.8
100		1	137		23.08		23.8
100		1	271		23.24		23.8
100		135	0		22.24		22.8
100		135	69		22.66		23.8
100		135	138		22.11		22.8
100		270	0		22.12		22.8
100	16QAM	1	1		22.25		22.8
100	64QAM	1	1		18.9		21.3
100	256QAM	1	1		19.09		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3490.98	3504.99	
90	PI/2 BPSK	1	1	23.07	23.1	23.05	23.8
Channel				633999	634332	634665	Tune-up Limit (dBm)
Frequency (MHz)				3466.02	3490.98	3510	
80	PI/2 BPSK	1	1	22.97	23.03	23.03	23.8
Channel				634332	634332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3480.01	3490.98	3514.98	
70	PI/2 BPSK	1	1	22.96	23.04	22.95	23.8
Channel				633000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3490.98	3519.99	
60	PI/2 BPSK	1	1	22.97	23.03	23	23.8
Channel				631998	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3490.98	3525	
50	PI/2 BPSK	1	1	22.94	23.07	23	23.8
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3490.98	3529.98	
40	PI/2 BPSK	1	1	23.05	23.01	22.96	23.8
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3465	3490.98	3534.96	
30	PI/2 BPSK	1	1	23.05	23	23.02	23.8
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3462.31	3490.98	3537.48	
25	PI/2 BPSK	1	1	23.05	23.07	22.98	23.8
Channel				630468	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3461.02	3490.98	3540	
20	PI/2 BPSK	1	1	23	23.06	22.95	23.8
Channel				630303	633332	636165	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3490.98	3542.49	
15	PI/2 BPSK	1	1	23.05	23.01	22.99	23.8
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3490.98	3544.98	
10	PI/2 BPSK	1	1	23.04	22.95	23.05	23.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.14		20.8
100		1	137		19.91		20.8
100		1	271		19.9		20.8
100		135	0		19.94		20.8
100		135	69		19.84		20.8
100		135	138		19.76		20.8
100		270	0		19.82		20.8
100	QPSK	1	1		20.09		20.8
100		1	137		19.66		20.8
100		1	271		19.83		20.8
100		135	0		19.76		20.8
100		135	69		19.64		20.8
100		135	138		19.68		20.8
100		270	0		19.77		20.8
100	16QAM	1	1		19.96		20.8
100	64QAM	1	1		19.93		20.8
100	256QAM	1	1		18.3		19.3
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.09	20.11	20.05	20.8
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3759.99	
80	PI/2 BPSK	1	1	20	20.05	19.97	20.8
Channel				648998	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.96	20.06	19.94	20.8
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.03	20.07	19.92	20.8
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.97	19.99	19.9	20.8
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.03	20.1	19.95	20.8
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3714.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.06	20	19.91	20.8
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.96	20.04	19.93	20.8
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.07	19.98	20.02	20.8
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.02	20.03	19.91	20.8
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.97	20.06	20.01	20.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.79		23.8
100		1	137		22.47		23.8
100		1	271		22.35		23.8
100		135	0		21.96		23.3
100		135	69		22.22		23.8
100		135	138		21.74		23.3
100		270	0		22.19		23.3
100	QPSK	1	1		22.76		23.8
100		1	137		22.23		23.8
100		1	271		22.24		23.8
100		135	0		21.82		22.8
100		135	69		22.42		23.8
100		135	138		21.36		22.8
100		270	0		21.69		22.8
100	16QAM	1	1		21.72		22.8
100	64QAM	1	1		19.76		21.3
100	256QAM	1	1		19.43		19.3
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.74	22.72	22.71	23.8
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.69	22.71	22.62	23.8
Channel				648998	650000	651002	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.65	22.62	22.58	23.8
Channel				648668	650001	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.7	22.65	22.67	23.8
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.59	22.73	22.69	23.8
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.64	22.66	22.66	23.8
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3714.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.62	22.64	22.64	23.8
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.69	22.66	22.62	23.8
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.68	22.68	22.56	23.8
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.66	22.66	22.61	23.8
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.6	22.72	22.7	23.8

<FR1 n5_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	25.43	25.42	25.41	25.7
20		1	53	25.27	25.44	25.25	25.7
20		1	104	25.4	25.43	25.36	25.7
20	PI/2 BPSK	50	0	24.66	24.67	24.64	25.2
20		50	28	25.29	25.44	25.37	25.7
20		50	56	24.79	24.87	24.75	25.2
20		100	0	24.61	24.62	24.61	25.2
20		1	1	25.27	25.42	25.37	25.7
20		1	53	25.25	25.4	25.22	25.7
20		1	104	25.21	25.36	25.26	25.7
20	QPSK	50	0	24.29	24.44	24.36	24.7
20		50	28	25.37	25.4	25.33	25.7
20		50	56	24.26	24.38	24.2	24.7
20		100	0	24.32	24.46	24.34	24.7
20	16QAM	1	1	24.29	24.38	24.32	24.7
20	64QAM	1	1	22.73	22.8	22.62	23.2
20	256QAM	1	1	20.64	20.67	20.78	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.37	25.43	25.36	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.35	25.33	25.35	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.4	25.32	25.34	25.7

<FR1 n12_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	24.84	25.28	24.86	25.7
15		1	40	24.69	25.2	24.86	25.7
15	PI/2 BPSK	1	77	24.73	25.27	24.89	25.7
15		36	0	24.04	24.5	24.09	25.2
15		36	22	24.3	24.83	24.37	25.7
15		36	43	24.38	24.82	24.38	25.2
15		75	0	24.39	24.85	24.49	25.2
15		1	1	24.78	25.3	24.98	25.7
15		1	40	24.79	25.31	24.86	25.7
15		1	77	24.81	25.32	24.87	25.7
15	QPSK	36	0	23.71	24.18	23.84	24.7
15		36	22	24.37	24.82	24.46	25.7
15		36	43	23.84	24.32	23.97	24.7
15		75	0	23.8	24.36	24.01	24.7
15	16QAM	1	1	23.6	24.16	23.76	24.7
15	64QAM	1	1	22.17	22.66	22.2	23.2
15	256QAM	1	1	20.3	20.72	20.32	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				706	707.5	710	
10	PI/2 BPSK	1	1	24.78	25.34	24.84	25.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				705.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.75	25.22	24.84	25.7

<FR1 n26_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	25.29	25.43	25.33	25.7
20		1	53	25.11	25.4	25.18	25.7
20		1	104	25.06	25.31	25.14	25.7
20	PI/2 BPSK	50	0	24.69	24.87	24.66	25.2
20		50	28	25.24	25.4	25.28	25.7
20		50	56	24.68	24.87	24.71	25.2
20		100	0	24.7	24.9	24.72	25.2
20		1	1	25.16	25.39	25.1	25.7
20		1	53	25.08	25.29	25.08	25.7
20		1	104	25.09	25.39	25.07	25.7
20	QPSK	50	0	24.23	24.38	24.14	24.7
20		50	28	25.19	25.39	25.2	25.7
20		50	56	24.15	24.35	24.14	24.7
20		100	0	24.14	24.4	24.27	24.7
20	16QAM	1	1	24.11	24.28	24.08	24.7
20	64QAM	1	1	22.3	22.72	22.6	23.2
20	256QAM	1	1	20.54	20.75	20.84	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.24	25.33	25.29	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.17	25.37	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.16	25.42	25.27	25.7

<FR1 n5_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166900	167300	167700	
Frequency (MHz)				834	836.5	839	
20		1	1	21.21	21.41	21.23	21.7
20		1	53	21.13	21.34	21.01	21.7
20		1	104	20.94	21.12	20.83	21.7
20	PI/2 BPSK	50	0	20.92	21.24	20.89	21.7
20		50	28	21.06	21.35	21.02	21.7
20		50	56	20.82	21.15	20.88	21.7
20		100	0	20.79	21.05	20.83	21.7
20		1	1	21.09	21.36	21.19	21.7
20		1	53	20.92	21.15	20.98	21.7
20		1	104	20.89	21.14	20.89	21.7
20	QPSK	50	0	21.08	21.34	21.11	21.7
20		50	28	20.91	21.13	20.96	21.7
20		50	56	20.77	21.01	20.81	21.7
20		100	0	21.02	21.25	21.06	21.7
20	16QAM	1	1	20.9	21.12	20.86	21.7
20	64QAM	1	1	20.8	21.09	20.9	21.7
20	256QAM	1	1	20.32	20.53	20.36	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.11	21.26	21.22	21.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.16	21.29	21.12	21.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.13	21.29	21.15	21.7

<FR1 n12_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	22.49	22.56	22.43	22.7
15		1	40	22.13	22.27	22.19	22.7
15	PI/2 BPSK	1	77	22	22.28	22.03	22.7
15		36	0	22.39	22.46	22.28	22.7
15		36	22	22.23	22.51	22.2	22.7
15		36	43	22.25	22.48	22.28	22.7
15		75	0	22.23	22.52	22.31	22.7
15		1	1	22.17	22.46	22.23	22.7
15		1	40	22.29	22.51	22.25	22.7
15		1	77	22.09	22.37	22.19	22.7
15	QPSK	36	0	22.19	22.42	22.17	22.7
15		36	22	22.2	22.37	22.19	22.7
15		36	43	22.14	22.33	22.19	22.7
15		75	0	22.05	22.29	22.1	22.7
15	16QAM	1	1	22.25	22.51	22.25	22.7
15	64QAM	1	1	22.28	22.47	22.21	22.7
15	256QAM	1	1	20.74	20.95	20.76	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				706	707.5	710	
10	PI/2 BPSK	1	1	22.35	22.45	22.39	22.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				705.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.4	22.51	22.31	22.7

<FR1 n26_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	21.4	21.42	21.38	21.7
20		1	53	21.22	21.39	21.27	21.7
20		1	104	21.11	21.27	21.09	21.7
20	PI/2 BPSK	50	0	21.25	21.33	21.22	21.7
20		50	28	21.32	21.41	21.24	21.7
20		50	56	21.08	21.14	21.03	21.7
20		100	0	21.04	21.07	20.93	21.7
20		1	1	21.26	21.34	21.26	21.7
20		1	53	21.16	21.29	21.16	21.7
20		1	104	21.08	21.17	20.98	21.7
20	QPSK	50	0	21.27	21.38	21.3	21.7
20		50	28	21.15	21.31	21.23	21.7
20		50	56	21.13	21.2	21.02	21.7
20		100	0	21.26	21.37	21.22	21.7
20	16QAM	1	1	21.11	21.27	21.16	21.7
20	64QAM	1	1	21.08	21.21	21.11	21.7
20	256QAM	1	1	20.61	20.75	20.63	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.27	21.32	21.35	21.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.37	21.4	21.25	21.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.31	21.27	21.3	21.7

<FR1 n2_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.79	18.87	18.83	19.2
40		1	108	18.72	18.85	18.77	19.2
40		1	214	18.65	18.83	18.76	19.2
40	Pi/2 BPSK	108	0	18.62	18.73	18.62	19.2
40		108	54	18.59	18.79	18.71	19.2
40		108	108	18.65	18.75	18.65	19.2
40		216	0	18.7	18.87	18.76	19.2
40		1	1	18.54	18.77	18.71	19.2
40		1	108	18.63	18.8	18.62	19.2
40		1	214	18.65	18.85	18.72	19.2
40	QPSK	108	0	18.64	18.76	18.61	19.2
40		108	54	18.58	18.74	18.69	19.2
40		108	108	18.61	18.81	18.67	19.2
40		216	0	18.66	18.77	18.63	19.2
40	16QAM	1	1	18.65	18.76	18.61	19.2
40	64QAM	1	1	18.6	18.72	18.64	19.2
40	256QAM	1	1	18.64	18.87	18.7	19.2
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	18.75	18.8	18.78	19.2
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	18.76	18.74	18.77	19.2
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	18.64	18.77	18.76	19.2
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	18.78	18.79	18.72	19.2
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	18.7	18.77	18.81	19.2
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	18.72	18.81	18.71	19.2
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	18.74	18.72	18.71	19.2

<FR1 n7_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	16.93	17	16.98	17.2
50		1	135	16.75	16.89	16.75	17.2
50		1	268	16.74	16.84	16.72	17.2
50	Pi/2 BPSK	135	0	16.79	16.65	16.81	17.2
50		135	68	16.84	16.99	16.85	17.2
50		135	135	16.66	16.69	16.85	17.2
50		270	0	16.8	16.93	16.89	17.2
50		1	1	16.76	16.86	16.83	17.2
50		1	135	16.68	16.85	16.77	17.2
50		1	268	16.92	17.01	16.9	17.2
50	QPSK	135	0	16.81	16.98	16.84	17.2
50		135	68	16.67	16.87	16.82	17.2
50		135	135	16.79	17	16.85	17.2
50		270	0	16.86	16.98	16.95	17.2
50	16QAM	1	1	16.79	16.96	16.82	17.2
50	64QAM	1	1	16.84	17.04	16.99	17.2
50	256QAM	1	1	16.67	16.85	16.78	17.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	16.89	16.98	16.96	17.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	16.87	16.91	16.96	17.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	16.92	16.87	16.86	17.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	16.91	16.92	16.85	17.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	16.83	16.95	16.96	17.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	16.86	16.89	16.95	17.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	16.81	16.94	16.86	17.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	16.82	16.98	16.86	17.2

<FR1 n25_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.73	18.9	18.86	19.2
40		1	108	18.48	18.7	18.58	19.2
40		1	214	18.49	18.78	18.66	19.2
40		108	0	18.47	18.78	18.65	19.2
40		108	54	18.64	18.86	18.75	19.2
40		108	108	18.59	18.84	18.76	19.2
40		216	0	18.53	18.84	18.73	19.2
40	QPSK	1	1	18.43	18.71	18.66	19.2
40		1	108	18.6	18.79	18.63	19.2
40		1	214	18.53	18.72	18.57	19.2
40		108	0	18.43	18.65	18.55	19.2
40		108	54	18.6	18.8	18.72	19.2
40		108	108	18.61	18.83	18.73	19.2
40		216	0	18.63	18.81	18.67	19.2
40	16QAM	1	1	18.46	18.7	18.53	19.2
40	64QAM	1	1	18.55	18.84	18.79	19.2
40	256QAM	1	1	18.38	18.68	18.5	19.2
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.63	18.82	18.79	19.2
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.65	18.85	18.8	19.2
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.71	18.83	18.75	19.2
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.61	18.78	18.73	19.2
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.69	18.76	18.77	19.2
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.65	18.83	18.83	19.2
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.64	18.89	18.76	19.2

<FR1 n66_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.01	18.06	17.98	18.2
45		1	120	17.8	18	17.82	18.2
45		1	240	17.75	17.82	17.63	18.2
45		120	0	17.77	17.95	17.76	18.2
45		120	60	17.86	17.98	17.76	18.2
45		120	120	17.78	17.85	17.64	18.2
45		240	0	17.82	17.96	17.74	18.2
45	QPSK	1	1	17.69	17.79	17.6	18.2
45		1	120	17.8	17.9	17.73	18.2
45		1	240	17.78	17.87	17.64	18.2
45		120	0	17.7	17.79	17.66	18.2
45		120	60	17.59	17.75	17.58	18.2
45		120	120	17.79	17.98	17.76	18.2
45		240	0	17.72	17.91	17.74	18.2
45	16QAM	1	1	17.57	17.76	17.62	18.2
45	64QAM	1	1	17.96	18.04	17.95	18.2
45	256QAM	1	1	17.81	17.9	17.78	18.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.91	18.05	17.94	18.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.99	17.93	17.9	18.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.99	18.04	17.85	18.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.92	18	17.93	18.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.92	18.04	17.86	18.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.9	18.05	17.88	18.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.87	18.05	17.97	18.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.91	18.03	17.86	18.2

<FR1 n38_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	519036	520000	
Frequency (MHz)				2642	2643	2650	
40		1	1	16.32	16.37	16.36	16.7
40		1	53	16.22	16.32	16.21	16.7
40		1	104	15.91	16.07	16.06	16.7
40	PI/2 BPSK	50	0	16.16	16.32	16.29	16.7
40		50	28	16.26	16.34	16.29	16.7
40		50	56	16.13	16.23	16.17	16.7
40		100	0	16.16	16.36	16.32	16.7
40		1	1	16.23	16.36	16.2	16.7
40		1	53	15.93	16.13	16.04	16.7
40		1	104	16.34	16.49	16.36	16.7
40	QPSK	50	0	16.08	16.22	16.16	16.7
40		50	28	16.1	16.27	16.13	16.7
40		50	56	16.26	16.41	16.26	16.7
40		100	0	16.09	16.21	16.16	16.7
40	16QAM	1	1	16.08	16.14	16.07	16.7
40	64QAM	1	1	16.09	16.09	16.12	16.7
40	256QAM	1	1	16.08	16.24	16.18	16.7
Channel				517300	518038	521050	Tune-up Limit (dBm)
Frequency (MHz)				2643	2645	2655	
20	PI/2 BPSK	1	1	16.29	16.31	16.32	16.7
Channel				518000	519038	521300	Tune-up Limit (dBm)
Frequency (MHz)				2642.5	2645	2657.5	
20	PI/2 BPSK	1	1	16.22	16.28	16.2	16.7
Channel				518000	519038	521300	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.29	16.33	16.27	16.7
Channel				518000	519038	521300	Tune-up Limit (dBm)
Frequency (MHz)				2617.5	2645	2612.5	
15	PI/2 BPSK	1	1	16.24	16.31	16.25	16.7
Channel				518000	519038	521300	Tune-up Limit (dBm)
Frequency (MHz)				2617.5	2645	2615	
10	PI/2 BPSK	1	1	16.27	16.31	16.28	16.7

<FR1 n41_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528050	
Frequency (MHz)				2646.01	2692.99	2740	
100		1	1	16.01	16.35	15.95	16.7
100		1	137	15.63	15.72	15.58	16.7
100		1	271	15.66	16.02	15.83	16.7
100	PI/2 BPSK	135	0	15.74	15.92	15.7	16.7
100		135	69	15.61	15.99	15.79	16.7
100		135	135	15.76	15.93	15.74	16.7
100		270	0	15.62	15.95	15.72	16.7
100		1	1	15.67	15.95	15.72	16.7
100		1	137	15.65	16.05	15.87	16.7
100		1	271	15.61	15.93	15.77	16.7
100	QPSK	135	0	15.79	15.94	15.63	16.7
100		135	69	15.69	15.98	15.68	16.7
100		135	135	15.89	16.04	15.85	16.7
100		270	0	15.76	15.91	15.66	16.7
100	16QAM	1	1	15.66	16.02	15.77	16.7
100	64QAM	1	1	15.77	15.89	15.67	16.7
100	256QAM	1	1	15.69	15.89	15.53	16.7
Channel				506200	518998	528000	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2649.98	
90	PI/2 BPSK	1	1	15.64	15.96	15.66	16.7
Channel				507226	518998	529198	Tune-up Limit (dBm)
Frequency (MHz)				2654.02	2692.99	2699.98	
80	PI/2 BPSK	1	1	15.64	15.96	15.68	16.7
Channel				506426	518998	528626	Tune-up Limit (dBm)
Frequency (MHz)				2647.01	2692.99	2653	
70	PI/2 BPSK	1	1	15.68	15.83	15.69	16.7
Channel				506426	518998	527186	Tune-up Limit (dBm)
Frequency (MHz)				2624	2692.99	2699.98	
60	PI/2 BPSK	1	1	15.61	15.94	15.91	16.7
Channel				506736	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				282.152	2692.99	2664.99	
50	PI/2 BPSK	1	1	15.61	15.9	15.93	16.7
Channel				506736	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				2618.9	2692.99	2667.48	
45	PI/2 BPSK	1	1	15.61	15.94	15.86	16.7
Channel				506352	518998	528336	Tune-up Limit (dBm)
Frequency (MHz)				2613.01	2692.99	2620	
40	PI/2 BPSK	1	1	15.67	15.96	15.9	16.7
Channel				506734	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				2613.52	2692.99	2672.48	
35	PI/2 BPSK	1	1	15.69	15.92	15.93	16.7
Channel				506230	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				2611	2692.99	2674.98	
30	PI/2 BPSK	1	1	15.69	15.96	15.62	16.7
Channel				507152	518998	529112	Tune-up Limit (dBm)
Frequency (MHz)				2654.01	2692.99	2677.5	
25	PI/2 BPSK	1	1	15.61	15.98	15.69	16.7
Channel				507124	518998	529198	Tune-up Limit (dBm)
Frequency (MHz)				2654.02	2692.99	2679.98	
20	PI/2 BPSK	1	1	15.58	15.96	15.9	16.7
Channel				506736	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				2653.5	2692.99	2682.48	
15	PI/2 BPSK	1	1	15.66	16.02	15.92	16.7
Channel				506352	518998	528336	Tune-up Limit (dBm)
Frequency (MHz)				2651.01	2692.99	2685	
10	PI/2 BPSK	1	1	15.62	15.92	15.92	16.7

<FR1 n41_HPUE_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528050	
Frequency (MHz)				2646.01	2692.99	2740	
100		1	1	19.47	19.8	19.91	20
100		1	137	19.28	19.4	19.22	20
100		1	271	19.42	19.55	19.36	20
100	PI/2 BPSK	135	0	19.17	19.44	19.34	20
100		135	69	19.38	19.56	19.4	20
100		135	135	19.24	19.47	19.37	20
100		270	0	19.26	19.43	19.24	20
100		1	1	19.28	19.66	19.26	20
100		1	137	19.19	19.33	19.12	20
100	QPSK	1	271	19.39	19.61	19.43	20
100		135	0	19.2	19.38	19.15	20
100		135	69	19.17	19.37	19.18	20
100		135	135	19.2	19.28	19.16	20
100		270	0	19.22	19.45	19.35	20
100	16QAM	1	1	19.16	19.32	19.08	20
100	64QAM	1	1	19.12	19.29	19.16	20
100	256QAM	1	1	19.3	19.5	19.32	20
Channel				506200	518998	528000	Tune-up Limit (dBm)
Frequency (MHz)				2641	2692.99	2649.98	
90	PI/2 BPSK	1	1	19.36	19.49	19.47	20
Channel				507200	518998	529598	Tune-up Limit (dBm)
Frequency (MHz)				2654.02	2692.99	2699.98	
80	PI/2 BPSK	1	1	19.4	19.46	19.41	20
Channel				506426	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2647.01	2692.99	2663	
70	PI/2 BPSK	1	1	19.36	19.49	19.48	20
Channel				506426	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2626	2692.99	2699.98	
60	PI/2 BPSK	1	1	19.46	19.37	19.88	20
Channel				506426	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2621.02	2692.99	2664.99	
50	PI/2 BPSK	1	1	19.42	19.48	19.48	20
Channel				504350	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2618.5	2692.99	2667.48	
45	PI/2 BPSK	1	1	19.36	19.43	19.48	20
Channel				504352	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2613.01	2692.99	2663	
40	PI/2 BPSK	1	1	19.35	19.58	19.47	20
Channel				502704	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2613.52	2692.99	2672.48	
35	PI/2 BPSK	1	1	19.36	19.52	19.37	20
Channel				502250	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2611	2692.99	2674.98	
30	PI/2 BPSK	1	1	19.36	19.57	19.37	20
Channel				507152	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2654.01	2692.99	2677.5	
25	PI/2 BPSK	1	1	19.41	19.48	19.3	20
Channel				507124	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2692.99	2679.98	
20	PI/2 BPSK	1	1	19.38	19.51	19.4	20
Channel				507154	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2653.5	2692.99	2682.48	
15	PI/2 BPSK	1	1	19.39	19.54	19.42	20
Channel				504352	518998	531050	Tune-up Limit (dBm)
Frequency (MHz)				2651.01	2692.99	2685	
10	PI/2 BPSK	1	1	19.45	19.49	19.4	20

<FR1 n46_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel				636965	647999	649332	
Frequency (MHz)				3679	3693.99	3678.66	
40		1	1	16.36	16.4	16.38	16.5
40		1	53	14.27	14.35	16.31	16.5
40		1	104	14.13	14.19	14.28	16.5
40	PI/2 BPSK	50	0	16.18	14.32	14.42	16.5
40		50	28	14.21	14.33	14.23	16.5
40		50	56	14.16	14.28	16.13	16.5
40		100	0	14.16	14.24	16.19	16.5
40		1	1	14.21	14.28	14.26	16.5
40		1	53	14.12	14.22	16.07	16.5
40		1	104	14.3	14.36	14.26	16.5
40	QPSK	50	0	14.19	14.32	16.19	16.5
40		50	28	14.03	14.19	14.1	16.5
40		50	56	14.12	14.18	14.03	16.5
40		100	0	14.06	14.21	16.19	16.5
40	16QAM	1	1	14.02	14.17	14.14	16.5
40	64QAM	1	1	14.19	14.23	14.1	16.5
40	256QAM	1	1	14.16	14.27	14.2	16.5
Channel				637668	647999	649665	Tune-up Limit (dBm)
Frequency (MHz)				3682.2	3693.99	3684.66	
30	PI/2 BPSK	1	1	14.32	14.38	14.3	16.5
Channel				637334	647999	656000	Tune-up Limit (dBm)
Frequency (MHz)				3680.31	3693.99	3660	
20	PI/2 BPSK	1	1	14.38	14.35	14.27	16.5
Channel				637334	647999	649 [illegible]	Tune-up Limit (dBm)
Frequency (MHz)				3687.02	3693.99	3692.67	
15	PI/2 BPSK	1	1	14.22	14.34	14.29	16.5
Channel				637666	647999	647332	Tune-up Limit (dBm)
Frequency (MHz)				3683	3693.99	3686.66	
10	PI/2 BPSK	1	1	14.36	14.34	14.26	16.5

<FR1 n77 (27Q)_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3699.99		
100		1	1		16.01		16.7
100		1	137		16.36		16.7
100		1	271		16.4		16.7
100	PI/2 BPSK	136	0		14.48		16.7
100		136	69		14.5		16.7
100		136	136		16.37		16.7
100		270	0		16.31		16.7
100		1	1		14.38		16.7
100		1	137		16.1		16.7
100		1	271		16.31		16.7
100	QPSK	136	0		16.42		16.7
100		136	69		16.45		16.7
100		136	136		14.43		16.7
100		270	0		16.43		16.7
100	16QAM	1	1		14.48		16.7
100	64QAM	1	1		16.31		16.7
100	256QAM	1	1		14.33		16.7
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3693	3699.99	3706.66	
90	PI/2 BPSK	1	1	16.31	16.36	14.45	16.7
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3690.02	3699.99	3710	
80	PI/2 BPSK	1	1	14.16	16.28	14.43	16.7
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3693.01	3699.99	3714.99	
70	PI/2 BPSK	1	1	14.21	14.28	14.37	16.7
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3693	3699.99	3719.99	
60	PI/2 BPSK	1	1	14.26	14.28	14.33	16.7
Channel				631998	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3679.02	3699.99	3720	
50	PI/2 BPSK	1	1	14.27	14.2	14.34	16.7
Channel				631998	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3679.01	3699.99	3729.99	
40	PI/2 BPSK	1	1	14.17	14.25	14.39	16.7
Channel				631668	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3680	3699.99	3739.99	
30	PI/2 BPSK	1	1	14.27	14.38	14.43	16.7
Channel				636984	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3692.01	3699.99	3707.48	
25	PI/2 BPSK	1	1	14.19	14.36	14.38	16.7
Channel				636668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3690.02	3699.99	3645	
20	PI/2 BPSK	1	1	14.24	16.22	14.44	16.7
Channel				636348	633332	634716	Tune-up Limit (dBm)
Frequency (MHz)				3687.9	3699.99	3642.49	
15	PI/2 BPSK	1	1	14.27	16.32	14.35	16.7
Channel				637334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3693.01	3699.99	3583.99	
10	PI/2 BPSK	1	1	14.28	14.28	14.43	16.7

<FR1 n77 (27Q)_HPUE_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3699.99		
100		1	1		17.43		18
100		1	137		17.35		18
100		1	271		17.27		18
100	PI/2 BPSK	136	0		17.53		18
100		136	69		17.39		18
100		136	136		17.22		18
100		270	0		17.2		18
100		1	1		17.34		18
100		1	137		17.26		18
100		1	271		17.34		18
100	QPSK	136	0		17.24		18
100		136	69		17.09		18
100		136	136		17.28		18
100		270	0		17.38		18
100	16QAM	1	1		17.22		18
100	64QAM	1	1		17.39		18
100	256QAM	1	1		17.09		18
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3695	3699.99	3704.68	
90	PI/2 BPSK	1	1	17.22	17.28	17.26	18
Channel				632668	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3690.02	3699.99	3710	
80	PI/2 BPSK	1	1	17.13	17.27	17.13	18
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3693.01	3699.99	3714.99	
70	PI/2 BPSK	1	1	17.12	17.27	17.18	18
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3693	3699.99	3719.99	
60	PI/2 BPSK	1	1	17.06	17.14	17.14	18
Channel				631998	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3679.02	3699.99	3720	
50	PI/2 BPSK	1	1	17.07	17.23	17.18	18
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3677.01	3699.99	3729.99	
40	PI/2 BPSK	1	1	17.12	17.18	17.28	18
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3680	3699.99	3739.99	
30	PI/2 BPSK	1	1	17.16	17.25	17.13	18
Channel				636984	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3692.01	3699.99	3707.48	
25	PI/2 BPSK	1	1	17.14	17.18	17.18	18
Channel				636668	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3690.02	3699.99	3702	
20	PI/2 BPSK	1	1	17.16	17.19	17.12	18
Channel				636348	633332	634716	Tune-up Limit (dBm)
Frequency (MHz)				3687.9	3699.99	3642.49	
15	PI/2 BPSK	1	1	17.13	17.19	17.21	18
Channel				637334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3693.01	3699.99	3644.99	
10	PI/2 BPSK	1	1	17.16	17.22	17.18	18

<FR1 n77 (27O)_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				27.00	3840	3900	
100		1	1	13.48	14.41	14.25	14.7
100		1	137	13.78	14.16	13.83	14.7
100		1	271	13.78	14.22	13.8	14.7
100	PI/2 BPSK	135	0	13.73	14.22	13.76	14.7
100		135	69	13.58	14.32	13.71	14.7
100		135	136	13.55	14.17	13.64	14.7
100		270	0	13.58	14.22	13.54	14.7
100		1	1	13.71	14.19	13.75	14.7
100		1	137	13.55	14.14	13.66	14.7
100		1	271	13.65	14.2	13.74	14.7
100	QPSK	135	0	13.58	14.19	13.68	14.7
100		133	69	13.67	14.23	13.68	14.7
100		135	136	13.76	14.23	13.76	14.7
100		270	0	13.68	14.29	13.67	14.7
100	16QAM	1	1	13.78	14.26	13.88	14.7
100	64QAM	1	1	13.78	14.17	13.8	14.7
100	256QAM	1	1	13.78	14.23	13.73	14.7
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	13.81	14.34	14.16	14.7
Channel				649324	656000	662676	Tune-up Limit (dBm)
Frequency (MHz)				3742.21	3840	3937.79	
80	PI/2 BPSK	1	1	13.43	14.35	14.14	14.7
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3733	3840	3947	
70	PI/2 BPSK	1	1	13.45	14.3	14.2	14.7
Channel				648688	656000	663312	Tune-up Limit (dBm)
Frequency (MHz)				3724.12	3840	3955.88	
60	PI/2 BPSK	1	1	13.37	14.33	14.19	14.7
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3715.81	3840	3964.19	
50	PI/2 BPSK	1	1	13.38	14.29	14.19	14.7
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3710	3840	3970	
40	PI/2 BPSK	1	1	13.48	14.37	14.13	14.7
Channel				647988	656000	664012	Tune-up Limit (dBm)
Frequency (MHz)				3710.52	3840	3969.48	
30	PI/2 BPSK	1	1	13.48	14.38	14.19	14.7
Channel				647976	656000	664024	Tune-up Limit (dBm)
Frequency (MHz)				3710.4	3840	3969.6	
25	PI/2 BPSK	1	1	13.41	14.33	14.22	14.7
Channel				647724	656000	664276	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	13.47	14.28	14.12	14.7
Channel				647748	656000	664252	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.48	14.38	14.22	14.7
Channel				647760	656000	664240	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.38	14.28	14.12	14.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100		1	1	16.91	17.39	16.48	18
100		1	137	16.93	17.16	16.55	18
100		1	271	16.97	17.3	16.3	18
100	PI/2 BPSK	135	0	16.85	17.28	16.52	18
100		135	69	16.76	17.26	16.29	18
100		135	135	16.79	17.16	16.29	18
100		270	0	16.73	17.24	16.31	18
100		1	1	16.75	17.08	16.3	18
100		1	137	16.83	17.18	16.5	18
100		1	271	16.71	17.18	16.48	18
100	QPSK	135	0	16.84	17.14	16.52	18
100		135	69	16.64	17.18	16.37	18
100		135	135	16.67	17.2	16.49	18
100		270	0	16.77	17.13	16.36	18
100	16QAM	1	1	16.8	17.14	16.51	18
100	64QAM	1	1	16.62	17.21	16.39	18
100	256QAM	1	1	16.68	17.33	16.5	18
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	16.86	17.26	16.43	18
Channel				649324	656000	662676	Tune-up Limit (dBm)
Frequency (MHz)				3742.21	3840	3937.79	
80	PI/2 BPSK	1	1	16.81	17.3	16.33	18
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3733	3840	3947	
70	PI/2 BPSK	1	1	16.79	17.22	16.34	18
Channel				648688	656000	663312	Tune-up Limit (dBm)
Frequency (MHz)				3724.12	3840	3955.88	
60	PI/2 BPSK	1	1	16.66	17.26	16.4	18
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3715.81	3840	3964.19	
50	PI/2 BPSK	1	1	16.67	17.32	16.37	18
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3710	3840	3970	
40	PI/2 BPSK	1	1	16.66	17.25	16.44	18
Channel				647988	656000	664012	Tune-up Limit (dBm)
Frequency (MHz)				3710.52	3840	3969.48	
30	PI/2 BPSK	1	1	16.8	17.32	16.38	18
Channel				647976	656000	664024	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.83	17.36	16.4	18
Channel				647724	656000	664276	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	16.81	17.31	16.4	18
Channel				647748	656000	664252	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.83	17.22	16.39	18
Channel				647760	656000	664240	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.85	17.28	16.41	18

<FR1 n78 (27Q)_Ant4_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Power Class 1.5 / [Freq.]	Tune-up Limit (dBm)
Channel					633334		
Frequency (MHz)					3999.99		
100		1	1		14.45		14.7
100		1	137		14.18		14.7
100		1	271		14.31		14.7
100	PI/2 BPSK	135	0		14.6		14.7
100		135	69		14.44		14.7
100		135	135		14.41		14.7
100		270	0		14.34		14.7
100		1	1		14.3		14.7
100		1	137		14.24		14.7
100		1	271		14.32		14.7
100	QPSK	135	0		14.45		14.7
100		135	69		14.19		14.7
100		135	135		14.39		14.7
100		270	0		14.35		14.7
100	16QAM	1	1		14.45		14.7
100	64QAM	1	1		14.33		14.7
100	256QAM	1	1		14.39		14.7
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3990	3999.98	4034.68	
90	PI/2 BPSK	1	1	16.78	14.98	16.33	16.7
Channel				632988	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3989.92	3999.98	3913	
80	PI/2 BPSK	1	1	16.76	14.94	16.26	16.7
Channel				632316	633332	634348	Tune-up Limit (dBm)
Frequency (MHz)				3983.81	3999.98	3014.58	
70	PI/2 BPSK	1	1	16.15	14.37	16.26	16.7
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3983	3999.98	3016.68	
60	PI/2 BPSK	1	1	16.55	14.96	16.33	16.7
Channel				631668	633332	634996	Tune-up Limit (dBm)
Frequency (MHz)				3979.62	3999.98	3020	
50	PI/2 BPSK	1	1	16.11	14.36	16.26	16.7
Channel				631338	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3977.01	3999.98	3025.59	
40	PI/2 BPSK	1	1	16.17	14.31	16.27	16.7
Channel				631008	633332	635656	Tune-up Limit (dBm)
Frequency (MHz)				3968	3999.98	3031.98	
30	PI/2 BPSK	1	1	16.08	14.31	16.22	16.7
Channel				630684	633332	635932	Tune-up Limit (dBm)
Frequency (MHz)				3962.31	3999.98	3037.69	
25	PI/2 BPSK	1	1	16.05	14.98	16.22	16.7
Channel				630588	633332	636032	Tune-up Limit (dBm)
Frequency (MHz)				3960.02	3999.98	3040	
20	PI/2 BPSK	1	1	16.09	14.94	16.16	16.7
Channel				630336	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)				3957.9	3999.98	3042.49	
15	PI/2 BPSK	1	1	16.12	14.92	16.22	16.7
Channel				630324	633332	636012	Tune-up Limit (dBm)
Frequency (MHz)				3957.81	3999.98	3042.59	
10	PI/2 BPSK	1	1	16.08	14.91	16.31	16.7

<FR1 n78 (27Q)_HPUE_Ant4_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		17.23		18
100		1	137		17.22		18
100		1	271		17.23		18
100	PI/2 BPSK	135	0		17.27		18
100		135	68		17.24		18
100		135	135		17.07		18
100		270	0		17.12		18
100		1	1		17.24		18
100		1	137		17.24		18
100		1	271		17.24		18
100	QPSK	135	0		17.07		18
100		135	68		17.07		18
100		135	135		17.09		18
100		270	0		17.14		18
100	16QAM	1	1		17.24		18
100	64QAM	1	1		17.23		18
100	256QAM	1	1		17.1		18
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3498	3499.99	3501.66	
90	PI/2 BPSK	1	1	17.23	17.24	17.16	18
Channel				632982	633330	633680	Tune-up Limit (dBm)
Frequency (MHz)				3496.82	3499.99	3503	
80	PI/2 BPSK	1	1	17.16	17.22	17.03	18
Channel				632754	633132	633512	Tune-up Limit (dBm)
Frequency (MHz)				3494.81	3499.82	3504.86	
70	PI/2 BPSK	1	1	17.14	17.2	16.99	18
Channel				632526	633132	633738	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.82	3507.64	
60	PI/2 BPSK	1	1	17.14	17.19	17.05	18
Channel				631968	633132	634296	Tune-up Limit (dBm)
Frequency (MHz)				3479.52	3499.82	3520	
50	PI/2 BPSK	1	1	17.17	17.09	17.03	18
Channel				631404	633132	634332	Tune-up Limit (dBm)
Frequency (MHz)				3473.61	3499.82	3526.04	
40	PI/2 BPSK	1	1	17.18	17.14	17.08	18
Channel				631260	633132	635004	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.82	3530.64	
30	PI/2 BPSK	1	1	17.17	17.09	17.1	18
Channel				630804	633132	635460	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.82	3537.48	
25	PI/2 BPSK	1	1	17.16	17.2	17.02	18
Channel				630588	633132	635676	Tune-up Limit (dBm)
Frequency (MHz)				3460.32	3499.82	3540	
20	PI/2 BPSK	1	1	17.18	17.19	17	18
Channel				630162	633132	636102	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.82	3542.46	
15	PI/2 BPSK	1	1	17.08	17.1	17.02	18
Channel				630126	633132	636138	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.82	3544.98	
10	PI/2 BPSK	1	1	17.21	17.19	17.06	18

<FR1 n78 (27O)_Ant4_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633000		
Frequency (MHz)					3750		
100		1	1		14.47		14.7
100		1	137		14.1		14.7
100		1	271		14.26		14.7
100	PI/2 BPSK	135	0		14.37		14.7
100		135	68		14.38		14.7
100		135	135		14.36		14.7
100		270	0		14.31		14.7
100		1	1		14.41		14.7
100		1	137		14.19		14.7
100		1	271		14.4		14.7
100	QPSK	135	0		14.19		14.7
100		135	68		14.31		14.7
100		135	135		14.25		14.7
100		270	0		14.2		14.7
100	16QAM	1	1		14.28		14.7
100	64QAM	1	1		14.19		14.7
100	256QAM	1	1		14.38		14.7
Channel				630988	633000	630332	Tune-up Limit (dBm)
Frequency (MHz)				3749.58	3750	3750.42	
90	PI/2 BPSK	1	1	14.19	14.25	14.26	14.7
Channel				630334	633000	635666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3750.99	
80	PI/2 BPSK	1	1	14.14	14.23	14.14	14.7
Channel				630156	633000	635844	Tune-up Limit (dBm)
Frequency (MHz)				3748.23	3750	3751.77	
70	PI/2 BPSK	1	1	14.16	14.1	14.22	14.7
Channel				629766	633000	636234	Tune-up Limit (dBm)
Frequency (MHz)				3747.62	3750	3752.38	
60	PI/2 BPSK	1	1	14.04	14.22	14.23	14.7
Channel				629334	633000	636666	Tune-up Limit (dBm)
Frequency (MHz)				3746.01	3750	3753.99	
50	PI/2 BPSK	1	1	14.05	14.12	14.16	14.7
Channel				628950	633000	637050	Tune-up Limit (dBm)
Frequency (MHz)				3744	3750	3756	
40	PI/2 BPSK	1	1	14.08	14.13	14.16	14.7
Channel				627888	633000	638112	Tune-up Limit (dBm)
Frequency (MHz)				3742.62	3750	3757.38	
30	PI/2 BPSK	1	1	14.1	14.18	14.22	14.7
Channel				627360	633000	638640	Tune-up Limit (dBm)
Frequency (MHz)				3741.3	3750	3758.7	
25	PI/2 BPSK	1	1	14.1	14.22	14.21	14.7
Channel				627198	633000	638802	Tune-up Limit (dBm)
Frequency (MHz)				3740.31	3750	3759.69	
20	PI/2 BPSK	1	1	14.06	14.23	14.25	14.7
Channel				627156	633000	638844	Tune-up Limit (dBm)
Frequency (MHz)				3737.82	3750	3762.18	
15	PI/2 BPSK	1	1	14.07	14.17	14.22	14.7
Channel				627000	633000	639000	Tune-up Limit (dBm)
Frequency (MHz)				3753	3750	3795	
10	PI/2 BPSK	1	1	14.07	14.22	14.22	14.7

<FR1 n78 (27O)_HPUE_Ant4_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633000		
Frequency (MHz)					3750		
100		1	1		17.05		18
100		1	137		17.19		18
100		1	271		17.24		18
100	PI/2 BPSK	135	0		17.28		18
100		135	68		17.39		18
100		135	135		17.1		18
100		270	0		17.1		18
100		1	1		17.11		18
100		1	137		17.27		18
100		1	271		17.14		18
100	QPSK	135	0		17.13		18
100		135	68		17.19		18
100		135	135		17.15		18
100		270	0		17.19		18
100	16QAM	1	1		17.19		18
100	64QAM	1	1		17.11		18
100	256QAM	1	1		17.18		18
Channel				629988	630332	630332	Tune-up Limit (dBm)
Frequency (MHz)				3749.58	3750	3750.42	
90	PI/2 BPSK	1	1	17.18	17.14	17.13	18
Channel				629334	630000	630666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3750.99	
80	PI/2 BPSK	1	1	17.08	17.01	17.03	18
Channel				629106	630000	630894	Tune-up Limit (dBm)
Frequency (MHz)				3748	3750	3752	
70	PI/2 BPSK	1	1	17.16	17.09	17.11	18
Channel				628698	630000	631302	Tune-up Limit (dBm)
Frequency (MHz)				3746.02	3750	3753.98	
60	PI/2 BPSK	1	1	17.15	17.02	17.06	18
Channel				628290	630000	631710	Tune-up Limit (dBm)
Frequency (MHz)				3744.01	3750	3755.99	
50	PI/2 BPSK	1	1	17.13	17.09	17.08	18
Channel				628050	630000	631950	Tune-up Limit (dBm)
Frequency (MHz)				3742	3750	3758	
40	PI/2 BPSK	1	1	17.11	17.07	17	18
Channel				627588	630000	632412	Tune-up Limit (dBm)
Frequency (MHz)				3739.62	3750	3760.38	
30	PI/2 BPSK	1	1	17.17	17.05	17.08	18
Channel				627060	630000	632940	Tune-up Limit (dBm)
Frequency (MHz)				3737.3	3750	3762.7	
25	PI/2 BPSK	1	1	17.1	16.99	17.09	18
Channel				626934	630000	633066	Tune-up Limit (dBm)
Frequency (MHz)				3735.81	3750	3764.19	
20	PI/2 BPSK	1	1	17.16	17.12	17.06	18
Channel				626766	630000	633234	Tune-up Limit (dBm)
Frequency (MHz)				3733.62	3750	3766.38	
15	PI/2 BPSK	1	1	17.17	17.08	17.04	18
Channel				626700	630000	633300	Tune-up Limit (dBm)
Frequency (MHz)				3733	3750	3767	
10	PI/2 BPSK	1	1	17.04	17.05	17.02	18

<FR1 n2_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	16.98	17.05	17.01	17.5
40		1	108	16.7	16.79	16.69	17.5
40		1	214	16.59	16.73	16.57	17.5
40	Pi/2 BPSK	108	0	16.77	16.88	16.73	17.5
40		108	54	16.87	16.96	16.87	17.5
40		108	108	16.6	16.76	16.69	17.5
40		216	0	16.83	17.04	16.92	17.5
40		1	1	16.63	16.76	16.59	17.5
40		1	108	16.73	16.88	16.8	17.5
40		1	214	16.79	16.89	16.77	17.5
40	QPSK	108	0	16.74	16.92	16.76	17.5
40		108	54	16.67	16.82	16.72	17.5
40		108	108	16.79	16.97	16.88	17.5
40		216	0	16.61	16.75	16.59	17.5
40	16QAM	1	1	16.73	16.82	16.75	17.5
40	64QAM	1	1	16.56	16.72	16.66	17.5
40	256QAM	1	1	16.82	17.02	16.94	17.5
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	16.88	16.91	16.88	17.5
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	16.91	16.97	16.87	17.5
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	16.86	16.91	16.94	17.5
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	16.85	16.93	16.88	17.5
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	16.95	16.92	16.9	17.5
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	16.89	16.92	16.98	17.5
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	16.93	17.02	16.86	17.5

<FR1 n7_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	15.53	15.58	15.48	16
50		1	135	15.09	15.28	15.1	16
50		1	268	15.24	15.32	15.11	16
50	Pi/2 BPSK	135	0	15.23	15.38	15.18	16
50		135	68	15.25	15.41	15.28	16
50		135	135	15.32	15.4	15.22	16
50		270	0	15.17	15.35	15.23	16
50		1	1	15.16	15.25	15.09	16
50		1	135	15.23	15.34	15.17	16
50		1	268	15.39	15.58	15.36	16
50	QPSK	135	0	15.23	15.36	15.18	16
50		135	68	15.22	15.33	15.14	16
50		135	135	15.54	15.67	15.53	16
50		270	0	15.23	15.42	15.2	16
50	16QAM	1	1	15.31	15.46	15.23	16
50	64QAM	1	1	15.1	15.23	15.08	16
50	256QAM	1	1	15.15	15.22	14.99	16
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	15.51	15.47	15.46	16
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	15.46	15.45	15.43	16
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	15.46	15.54	15.37	16
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	15.51	15.54	15.39	16
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	15.51	15.53	15.43	16
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	15.45	15.55	15.38	16
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	15.42	15.47	15.42	16
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	15.44	15.53	15.46	16

<FR1 n25_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.08	17.13	17.1	17.5
40		1	108	16.87	16.99	16.94	17.5
40		1	214	16.79	16.92	16.75	17.5
40		108	0	16.83	17.03	16.99	17.5
40		108	54	16.92	17.1	16.97	17.5
40		108	108	16.91	17.01	16.92	17.5
40		216	0	16.87	16.96	16.85	17.5
40	QPSK	1	1	16.82	16.94	16.79	17.5
40		1	108	16.82	17.02	16.86	17.5
40		1	214	16.9	17.1	16.98	17.5
40		108	0	16.83	16.94	16.86	17.5
40		108	54	16.79	16.96	16.83	17.5
40		108	108	16.87	16.94	16.77	17.5
40		216	0	16.99	17.11	16.96	17.5
40	16QAM	1	1	16.95	17.11	17.02	17.5
40	64QAM	1	1	16.92	17.05	16.94	17.5
40	256QAM	1	1	16.9	17.02	16.87	17.5
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.99	17.03	16.97	17.5
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.94	17	17.06	17.5
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.94	17.07	17.07	17.5
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.96	17.1	16.98	17.5
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.03	17	16.95	17.5
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.06	16.99	17.04	17.5
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.98	17.04	16.96	17.5

<FR1 n66_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.38	16.42	16.4	17
45		1	120	16.21	16.33	16.24	17
45		1	240	16.12	16.27	16.13	17
45		120	0	16.27	16.39	16.24	17
45		120	60	16.28	16.42	16.28	17
45		120	120	16.11	16.26	16.11	17
45		240	0	16.38	16.46	16.32	17
45	QPSK	1	1	16.14	16.31	16.21	17
45		1	120	16.01	16.17	16.09	17
45		1	240	16.17	16.32	16.21	17
45		120	0	16.21	16.28	16.14	17
45		120	60	16.24	16.35	16.25	17
45		120	120	16.26	16.39	16.32	17
45		240	0	16.35	16.41	16.29	17
45	16QAM	1	1	16.13	16.3	16.2	17
45	64QAM	1	1	16.29	16.37	16.32	17
45	256QAM	1	1	16.1	16.25	16.17	17
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.34	16.27	16.32	17
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.25	16.37	16.38	17
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.28	16.32	16.26	17
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.26	16.4	16.33	17
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.32	16.4	16.39	17
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.26	16.31	16.28	17
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.24	16.41	16.38	17
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.27	16.37	16.3	17

<FR1 n38_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	518998	520000	
Frequency (MHz)				2580	2649	2680	
40		1	1	15.8	13.51	15.19	16
40		1	53	16.24	16.3	15.21	16
40		1	104	16.1	15.56	15.34	16
40	PI/2 BPSK	50	0	16.26	15.5	15.31	16
40		50	28	16.33	15.79	15.39	16
40		50	56	16.26	15.55	15.27	16
40		100	0	16.39	15.69	15.39	16
40		1	1	15.1	15.2	15.02	16
40		1	53	14.86	14.97	14.58	16
40		1	104	15.06	15.66	15.01	16
40	QPSK	50	0	15.08	15.13	14.92	16
40		50	28	14.95	15.04	14.89	16
40		50	56	15.07	13.73	15.01	16
40		100	0	15.21	15.32	15.17	16
40	16QAM	1	1	14.82	14.93	14.73	16
40	64QAM	1	1	15.04	13.79	15.67	16
40	256QAM	1	1	15.1	15.14	15.08	16
Channel				517000	518998	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2649	2680	
39	PI/2 BPSK	1	1	15.76	15.76	15.66	16
Channel				516600	518638	521400	Tune-up Limit (dBm)
Frequency (MHz)				2592.6	2649	2667.6	
25	PI/2 BPSK	1	1	15.65	15.69	15.66	16
Channel				516500	518638	521300	Tune-up Limit (dBm)
Frequency (MHz)				2585	2655	2615	
20	PI/2 BPSK	1	1	15.73	13.71	15.71	16
Channel				516400	518638	521200	Tune-up Limit (dBm)
Frequency (MHz)				2577.6	2649	2612.4	
15	PI/2 BPSK	1	1	15.77	13.71	15.8	16
Channel				516400	518638	521050	Tune-up Limit (dBm)
Frequency (MHz)				2575	2655	2615	
10	PI/2 BPSK	1	1	15.76	13.76	15.66	16

<FR1 n41_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	508538	
Frequency (MHz)				2496.01	2592.99	2689	
100		1	1	16.07	15.1	16.03	16.5
100		1	137	16.44	15.77	16.4	16.5
100		1	271	15.99	14.56	15.79	16.5
100	PI/2 BPSK	135	0	15.99	15.95	15.79	16.5
100		135	69	15.94	15.98	15.83	16.5
100		135	135	15.95	15.89	15.81	16.5
100		270	0	15.75	15.9	15.71	16.5
100		1	1	15.65	15.91	15.71	16.5
100		1	137	15.73	15.89	15.79	16.5
100		1	271	15.81	15.96	15.8	16.5
100	QPSK	135	0	15.84	15.79	15.81	16.5
100		135	69	15.79	15.83	15.62	16.5
100		135	135	15.76	15.86	15.74	16.5
100		270	0	15.83	15.87	15.7	16.5
100	16QAM	1	1	15.62	15.93	15.8	16.5
100	64QAM	1	1	15.64	14.09	15.94	16.5
100	256QAM	1	1	15.72	15.89	15.69	16.5
Channel				506200	518998	508198	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.99	
90	PI/2 BPSK	1	1	16.03	16.02	15.97	16.5
Channel				507226	518998	509158	Tune-up Limit (dBm)
Frequency (MHz)				2514.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	16.02	16.04	15.92	16.5
Channel				506722	518998	508918	Tune-up Limit (dBm)
Frequency (MHz)				2507.01	2592.99	2683	
70	PI/2 BPSK	1	1	15.98	15.95	15.93	16.5
Channel				506338	518998	507778	Tune-up Limit (dBm)
Frequency (MHz)				2504	2592.99	2689.98	
60	PI/2 BPSK	1	1	15.98	15.99	15.89	16.5
Channel				506728	518998	508738	Tune-up Limit (dBm)
Frequency (MHz)				2507.02	2592.99	2684.98	
50	PI/2 BPSK	1	1	15.94	16.05	15.89	16.5
Channel				506798	518998	508498	Tune-up Limit (dBm)
Frequency (MHz)				2510.9	2592.99	2687.48	
45	PI/2 BPSK	1	1	16.01	16.08	15.92	16.5
Channel				506552	518998	508358	Tune-up Limit (dBm)
Frequency (MHz)				2510.01	2592.99	2690	
40	PI/2 BPSK	1	1	16.02	16.01	16	16.5
Channel				506704	518998	508498	Tune-up Limit (dBm)
Frequency (MHz)				2511.52	2592.99	2687.48	
35	PI/2 BPSK	1	1	15.97	16.06	15.89	16.5
Channel				506230	518998	508198	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.97	16.08	15.97	16.5
Channel				507152	518998	509018	Tune-up Limit (dBm)
Frequency (MHz)				2514.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.94	16.02	15.92	16.5
Channel				507224	518998	509158	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	15.93	16.08	16	16.5
Channel				506708	518998	508498	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.93	16.08	15.91	16.5
Channel				506552	518998	508358	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.89	15.95	15.92	16.5

<FR1 n41_HPUE_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				509252	518998	509000	
Frequency (MHz)				2496.01	2592.99	2689	
100		1	1	19.05	19.1	19.08	19.5
100		1	137	18.9	18.99	18.88	19.5
100		1	271	18.82	18	18.86	19.5
100	PI/2 BPSK	135	0	18.88	19.02	18.86	19.5
100		135	69	18.88	19.06	19	19.5
100		135	135	18.89	18.88	18.81	19.5
100		270	0	18.89	18.99	18.88	19.5
100		1	1	18.73	18.9	18.85	19.5
100		1	137	18.85	18.84	18.73	19.5
100	QPSK	1	271	18.75	18.89	18.8	19.5
100		135	0	18.85	18.92	18.81	19.5
100		135	69	18.81	18.87	18.71	19.5
100		135	135	18.81	18.83	18.9	19.5
100		270	0	18.9	18.94	18.92	19.5
100	16QAM	1	1	18.67	19.03	18.86	19.5
100	64QAM	1	1	18.73	18.87	18.73	19.5
100	256QAM	1	1	18.85	19.04	18.87	19.5
Channel				509200	518998	508998	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.98	
90	PI/2 BPSK	1	1	18.98	19.02	18.92	19.5
Channel				507253	518998	509098	Tune-up Limit (dBm)
Frequency (MHz)				2518.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	19.02	18.95	19.05	19.5
Channel				509722	518998	510118	Tune-up Limit (dBm)
Frequency (MHz)				2521.01	2592.99	2683	
70	PI/2 BPSK	1	1	18.99	19.02	19.03	19.5
Channel				509350	518998	509178	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2689.98	
60	PI/2 BPSK	1	1	18.91	19.03	18.96	19.5
Channel				507253	518998	509098	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2684.98	
50	PI/2 BPSK	1	1	18.97	18.99	19	19.5
Channel				507353	518998	509498	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2687.48	
45	PI/2 BPSK	1	1	18.92	18.97	18.97	19.5
Channel				507252	518998	509200	Tune-up Limit (dBm)
Frequency (MHz)				2518.01	2592.99	2687.5	
40	PI/2 BPSK	1	1	18.97	19.01	18.95	19.5
Channel				507704	518998	509498	Tune-up Limit (dBm)
Frequency (MHz)				2517.52	2592.99	2682.48	
35	PI/2 BPSK	1	1	18.93	19.06	18.99	19.5
Channel				507253	518998	509098	Tune-up Limit (dBm)
Frequency (MHz)				2517	2592.99	2679.98	
30	PI/2 BPSK	1	1	19.01	19.07	19.04	19.5
Channel				507753	518998	509718	Tune-up Limit (dBm)
Frequency (MHz)				2520.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.91	19.03	19.05	19.5
Channel				507754	518998	509598	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	18.99	19.05	18.98	19.5
Channel				507704	518998	509598	Tune-up Limit (dBm)
Frequency (MHz)				2513.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.99	19.01	18.96	19.5
Channel				507252	518998	509200	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.96	19.02	18.94	19.5

<FR1 n48_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch.1 [dBm]	Power Ch.2 [dBm]	Power Ch.3 [dBm]	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3522	3522.66	3679.92	
40		1	1	15.87	15.74	15.7	16.8
40		1	53	15.44	15.71	15.32	16.8
40		1	104	15.52	15.54	15.38	16.8
40	PI/2 BPSK	50	0	15.48	15.63	15.5	16.8
40		50	26	15.54	15.68	15.52	16.8
40		50	56	15.53	15.62	15.51	16.8
40		100	0	15.43	15.59	15.43	16.8
40		1	1	15.41	15.63	15.46	16.8
40		1	53	15.46	15.55	15.41	16.8
40		1	104	15.52	15.72	15.61	16.8
40	QPSK	50	0	15.63	15.72	15.65	16.8
40		50	26	15.68	15.74	15.67	16.8
40		50	56	15.39	15.6	15.49	16.8
40		100	0	15.59	15.67	15.58	16.8
40	16QAM	1	1	15.42	15.63	15.58	16.8
40	64QAM	1	1	15.59	15.67	15.52	16.8
40	256QAM	1	1	15.42	15.57	15.48	16.8
Channel				637668	641666	645664	Tune-up Limit [dBm]
Frequency [MHz]				3561.02	3622.66	3684.98	
30	PI/2 BPSK	1	1	15.59	15.65	15.58	16.8
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3560.01	3622.66	3686	
20	PI/2 BPSK	1	1	15.56	15.63	15.66	16.8
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3557.52	3622.66	3692.49	
15	PI/2 BPSK	1	1	15.56	15.71	15.67	16.8
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	15.6	15.66	15.63	16.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch.1 [dBm]	Power Ch.2 [dBm]	Power Ch.3 [dBm]	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		16.28		17.2
100		1	137		16.08		17.2
100		1	271		16.26		17.2
100	PI/2 BPSK	136	0		16.24		17.2
100		136	69		16.26		17.2
100		136	136		16.2		17.2
100		270	0		16.26		17.2
100		1	1		16.31		17.2
100		1	137		16.23		17.2
100	QPSK	1	271		16.31		17.2
100		136	0		16.16		17.2
100		136	69		16.31		17.2
100		136	136		16.3		17.2
100		270	0		16.28		17.2
100	16QAM	1	1		16.26		17.2
100	64QAM	1	1		16.27		17.2
100	256QAM	1	1		16.23		17.2
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.31	16.24	16.26	17.2
Channel				632946	633332	633719	Tune-up Limit [dBm]
Frequency [MHz]				3493.52	3499.98	3506	
80	PI/2 BPSK	1	1	16.22	16.1	16.24	17.2
Channel				632772	633332	633892	Tune-up Limit [dBm]
Frequency [MHz]				3491.01	3499.98	3509.98	
70	PI/2 BPSK	1	1	16.23	16.12	16.23	17.2
Channel				632598	633332	634066	Tune-up Limit [dBm]
Frequency [MHz]				3489	3499.98	3510.98	
60	PI/2 BPSK	1	1	16.27	16.23	16.33	17.2
Channel				631968	633332	634696	Tune-up Limit [dBm]
Frequency [MHz]				3473.52	3499.98	3527	
50	PI/2 BPSK	1	1	16.19	16.11	16.28	17.2
Channel				631248	633332	635132	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3528.98	
40	PI/2 BPSK	1	1	16.27	16.11	16.31	17.2
Channel				631080	633332	635598	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	16.19	16.13	16.28	17.2
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.23	16.14	16.34	17.2
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3499.98	3540	
20	PI/2 BPSK	1	1	16.25	16.13	16.33	17.2
Channel				630318	633332	636346	Tune-up Limit [dBm]
Frequency [MHz]				3467.9	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.29	16.12	16.23	17.2
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.22	16.14	16.35	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch.1 [dBm]	Power Ch.2 [dBm]	Power Ch.3 [dBm]	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		19.39		20.3
100		1	137		19		20.3
100		1	271		19.36		20.3
100	PI/2 BPSK	136	0		19.42		20.3
100		136	69		19.13		20.3
100		136	136		19.15		20.3
100		270	0		19.17		20.3
100		1	1		19.1		20.3
100		1	137		18.97		20.3
100		1	271		19		20.3
100	QPSK	136	0		19.09		20.3
100		136	69		19.17		20.3
100		136	136		19.13		20.3
100		270	0		19.07		20.3
100	16QAM	1	1		19.14		20.3
100	64QAM	1	1		19.16		20.3
100	256QAM	1	1		19.02		20.3
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.08	19.17	19.16	20.3
Channel				632946	633332	633720	Tune-up Limit [dBm]
Frequency [MHz]				3493.52	3499.98	3506	
80	PI/2 BPSK	1	1	18.99	19.16	19.13	20.3
Channel				632772	633332	633892	Tune-up Limit [dBm]
Frequency [MHz]				3491.01	3499.98	3509.98	
70	PI/2 BPSK	1	1	19.02	19.13	19.03	20.3
Channel				632598	633332	634066	Tune-up Limit [dBm]
Frequency [MHz]				3489	3499.98	3510.98	
60	PI/2 BPSK	1	1	19.06	19.09	19.12	20.3
Channel				631968	633332	634696	Tune-up Limit [dBm]
Frequency [MHz]				3473.52	3499.98	3527	
50	PI/2 BPSK	1	1	19.04	19.15	19.14	20.3
Channel				631248	633332	635132	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3528.98	
40	PI/2 BPSK	1	1	19.05	19.1	19.12	20.3
Channel				631080	633332	635598	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	19.02	19.07	19.02	20.3
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.96	19.07	19.12	20.3
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3499.98	3540	
20	PI/2 BPSK	1	1	19	19.1	19.15	20.3
Channel				630318	633332	636346	Tune-up Limit [dBm]
Frequency [MHz]				3467.9	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.03	19.07	19.13	20.3
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.07	19.04	19.08	20.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3720	3840	3960	
100		1	1	16.06	15.85	15.47	17.2
100		1	137	15.48	15.47	15.16	17.2
100		1	271	15.35	15.28	14.9	17.2
100	PI/2 BPSK	135	0	15.53	15.74	16.08	17.2
100		135	68	15.58	15.87	16.21	17.2
100		135	136	15.4	15.68	15.91	17.2
100		270	0	15.3	15.62	15.29	17.2
100		1	1	15.9	15.96	15.28	17.2
100		1	137	15.15	15.34	15.62	17.2
100		1	271	15.28	15.62	14.96	17.2
100	QPSK	135	0	15.58	15.71	15.15	17.2
100		135	68	15.27	15.55	15.68	17.2
100		135	136	15.43	15.44	14.99	17.2
100		270	0	15.53	15.71	15.31	17.2
100	16QAM	1	1	15.79	16.01	15.49	17.2
100	64QAM	1	1	15.49	15.8	15.46	17.2
100	256QAM	1	1	16.06	15.85	15.47	17.2
Channel				649668	656000	662332	
Frequency (MHz)				3719.22	3840	3834.84	Tune-up Limit (dBm)
Channel				649334	656000	662666	
Frequency (MHz)				3716.21	3840	3839.99	Tune-up Limit (dBm)
80	PI/2 BPSK	1	1	15.92	15.83	15.32	17.2
Channel				649002	656000	662998	
Frequency (MHz)				3713	3840	3845	Tune-up Limit (dBm)
70	PI/2 BPSK	1	1	16.03	15.75	15.37	17.2
Channel				648668	656000	663332	
Frequency (MHz)				3710.22	3840	3969.98	Tune-up Limit (dBm)
60	PI/2 BPSK	1	1	16.09	15.83	15.42	17.2
Channel				648334	656000	663666	
Frequency (MHz)				3709.01	3840	3969.99	Tune-up Limit (dBm)
50	PI/2 BPSK	1	1	16.03	15.77	15.48	17.2
Channel				648000	656000	664000	
Frequency (MHz)				3707	3840	3980	Tune-up Limit (dBm)
40	PI/2 BPSK	1	1	16.03	15.77	15.48	17.2
Channel				647668	656000	664332	
Frequency (MHz)				3710.22	3840	3969.98	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	16.01	15.78	15.48	17.2
Channel				647334	656000	664666	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	16.08	15.74	15.37	17.2
Channel				647224	656000	664666	
Frequency (MHz)				3710.51	3840	3969.99	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	16.03	15.71	15.37	17.2
Channel				647168	656000	664332	
Frequency (MHz)				3707.62	3840	3972.48	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	16	15.78	15.43	17.2
Channel				647002	656000	663998	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	15.93	15.83	16.41	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3720	3840	3960	
100		1	1	18.98	19.07	18.68	20.3
100		1	137	18.9	18.95	18.68	20.3
100		1	271	18.82	18.91	18.64	20.3
100	PI/2 BPSK	135	0	18.82	18.98	18.6	20.3
100		135	68	18.83	18.97	18.64	20.3
100		135	136	18.89	18.79	18.75	20.3
100		270	0	18.94	18.75	18.92	20.3
100		1	1	18.96	18.92	18.97	20.3
100		1	137	18.75	18.96	18.91	20.3
100		1	271	18.78	18.82	18.81	20.3
100	QPSK	135	0	18.8	18.77	18.73	20.3
100		135	68	18.75	18.81	18.93	20.3
100		135	136	18.95	18.86	18.95	20.3
100		270	0	18.82	18.76	18.91	20.3
100	16QAM	1	1	18.97	18.98	18.63	20.3
100	64QAM	1	1	18.82	18.85	18.73	20.3
100	256QAM	1	1	18.84	18.88	18.79	20.3
Channel				649668	656000	662332	
Frequency (MHz)				3719.22	3840	3834.84	Tune-up Limit (dBm)
90	PI/2 BPSK	1	1	18.92	18.98	18.63	20.3
Channel				649334	656000	662666	
Frequency (MHz)				3716.21	3840	3839.99	Tune-up Limit (dBm)
80	PI/2 BPSK	1	1	18.97	19.01	18.53	20.3
Channel				649002	656000	662998	
Frequency (MHz)				3713	3840	3845	Tune-up Limit (dBm)
70	PI/2 BPSK	1	1	18.97	18.99	18.43	20.3
Channel				648668	656000	663332	
Frequency (MHz)				3710.22	3840	3969.98	Tune-up Limit (dBm)
60	PI/2 BPSK	1	1	18.94	19	18.5	20.3
Channel				648334	656000	663666	
Frequency (MHz)				3709.01	3840	3854.99	Tune-up Limit (dBm)
50	PI/2 BPSK	1	1	18.99	18.98	18.55	20.3
Channel				648000	656000	664000	
Frequency (MHz)				3707	3840	3980	Tune-up Limit (dBm)
40	PI/2 BPSK	1	1	18.94	19.06	18.68	20.3
Channel				647668	656000	664332	
Frequency (MHz)				3710.22	3840	3969.98	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	18.97	19	18.53	20.3
Channel				647334	656000	664666	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	18.85	19.04	18.45	20.3
Channel				647224	656000	664666	
Frequency (MHz)				3710.51	3840	3969.99	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	18.97	18.96	18.64	20.3
Channel				647168	656000	664332	
Frequency (MHz)				3707.62	3840	3972.48	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	18.86	19.03	18.48	20.3
Channel				647002	656000	663998	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	18.95	19.04	18.49	20.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3959.98		
100		1	1		16.61		17.2
100		1	137		16.48		17.2
100		1	271		16.46		17.2
100	PI/2 BPSK	135	0		16.63		17.2
100		135	68		16.58		17.2
100		135	136		16.53		17.2
100		270	0		16.63		17.2
100		1	1		16.58		17.2
100		1	137		16.56		17.2
100		1	271		16.46		17.2
100	QPSK	135	0		16.46		17.2
100		135	68		16.48		17.2
100		135	136		16.59		17.2
100		270	0		16.54		17.2
100	16QAM	1	1		16.48		17.2
100	64QAM	1	1		16.54		17.2
100	256QAM	1	1		16.49		17.2
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3955	3959.98	3934.99	
90	PI/2 BPSK	1	1	16.46	16.54	16.46	17.2
Channel				632668	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3952.02	3959.98	3913	
80	PI/2 BPSK	1	1	16.38	16.51	16.38	17.2
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3951.01	3959.98	3914.99	
70	PI/2 BPSK	1	1	16.42	16.43	16.47	17.2
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				4950	3959.98	3979.98	
60	PI/2 BPSK	1	1	16.33	16.62	16.36	17.2
Channel				631668	633332	635002	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3959.98	3921	
50	PI/2 BPSK	1	1	16.36	16.6	16.49	17.2
Channel				631336	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3472.21	3959.98	3929.99	
40	PI/2 BPSK	1	1	16.35	16.64	16.4	17.2
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3950	3959.98	3939.99	
30	PI/2 BPSK	1	1	16.36	16.47	16.37	17.2
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3952.31	3959.98	3937.69	
25	PI/2 BPSK	1	1	16.34	16.48	16.36	17.2
Channel				630668	633332	636002	Tune-up Limit (dBm)
Frequency (MHz)				3950.02	3959.98	3942	
20	PI/2 BPSK	1	1	16.41	16.6	16.43	17.2
Channel				630336	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3947.9	3959.98	3942.49	
15	PI/2 BPSK	1	1	16.43	16.65	16.47	17.2
Channel				630134	633332	636512	Tune-up Limit (dBm)
Frequency (MHz)				3953.51	3959.98	3944.99	
10	PI/2 BPSK	1	1	16.41	16.62	16.41	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633332			
Frequency [MHz]				3499.99			
100		1	1	19.19			20.3
100		1	137	19.04			20.3
100		1	271	19.16			20.3
100	PI/2 BPSK	135	0	18.47			20.3
100		135	69	18.17			20.3
100		135	138	18.47			20.3
100		270	0	18.51			20.3
100		1	1	19.16			20.3
100		1	137	19.16			20.3
100		1	271	19.09			20.3
100	QPSK	135	0	19.11			20.3
100		135	69	18.81			20.3
100		135	138	19.07			20.3
100		270	0	19.19			20.3
100	16QAM	1	1	19.19			20.3
100	64QAM	1	1	19.11			20.3
100	256QAM	1	1	19.1			20.3
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.16	19.11	19.1	20.3
Channel				632988	633332	633650	Tune-up Limit [dBm]
Frequency [MHz]				3493.02	3499.98	3506	
80	PI/2 BPSK	1	1	19.06	19.03	19.05	20.3
Channel				632758	633332	633707	Tune-up Limit [dBm]
Frequency [MHz]				3491.01	3499.98	3508.98	
70	PI/2 BPSK	1	1	19.06	18.99	18.99	20.3
Channel				632506	633332	634158	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3510.98	
60	PI/2 BPSK	1	1	19.07	18.99	19.06	20.3
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3488.02	3499.98	3512	
50	PI/2 BPSK	1	1	19.1	18.99	19	20.3
Channel				631536	633332	635232	Tune-up Limit [dBm]
Frequency [MHz]				3483.01	3499.98	3516.98	
40	PI/2 BPSK	1	1	19.02	18.99	18.98	20.3
Channel				631068	633332	635866	Tune-up Limit [dBm]
Frequency [MHz]				3480	3499.98	3519.99	
30	PI/2 BPSK	1	1	19.08	18.99	19.02	20.3
Channel				630636	633332	636832	Tune-up Limit [dBm]
Frequency [MHz]				3482.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.13	18.97	19.06	20.3
Channel				630996	633332	636632	Tune-up Limit [dBm]
Frequency [MHz]				3480.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.11	18.97	19.02	20.3
Channel				630126	633332	636738	Tune-up Limit [dBm]
Frequency [MHz]				3474.9	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.12	19.03	18.99	20.3
Channel				631278	633332	635532	Tune-up Limit [dBm]
Frequency [MHz]				3483.01	3499.98	3516.99	
10	PI/2 BPSK	1	1	19.08	19.02	18.96	20.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633000			
Frequency [MHz]				3500			
100		1	1	16.36			17.2
100		1	137	16.34			17.2
100		1	271	16.37			17.2
100	PI/2 BPSK	135	0	16.32			17.2
100		135	69	16.47			17.2
100		135	138	16.42			17.2
100		270	0	16.46			17.2
100		1	1	16.47			17.2
100		1	137	16.36			17.2
100		1	271	16.4			17.2
100	QPSK	135	0	16.46			17.2
100		135	69	16.39			17.2
100		135	138	16.43			17.2
100		270	0	16.36			17.2
100	16QAM	1	1	16.42			17.2
100	64QAM	1	1	16.32			17.2
100	256QAM	1	1	16.47			17.2
Channel				629848	630333	630332	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	16.45	16.48	16.32	17.2
Channel				629334	630333	630998	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3750	3753.99	
80	PI/2 BPSK	1	1	16.37	16.43	16.24	17.2
Channel				628820	630333	631332	Tune-up Limit [dBm]
Frequency [MHz]				3745	3750	3755	
70	PI/2 BPSK	1	1	16.37	16.46	16.17	17.2
Channel				628164	630333	631332	Tune-up Limit [dBm]
Frequency [MHz]				3743.02	3750	3763.98	
60	PI/2 BPSK	1	1	16.32	16.37	16.17	17.2
Channel				628338	630333	631998	Tune-up Limit [dBm]
Frequency [MHz]				3745.01	3750	3772.99	
50	PI/2 BPSK	1	1	16.38	16.38	16.22	17.2
Channel				628332	630333	632298	Tune-up Limit [dBm]
Frequency [MHz]				3745	3750	3782	
40	PI/2 BPSK	1	1	16.38	16.39	16.22	17.2
Channel				627888	630333	632232	Tune-up Limit [dBm]
Frequency [MHz]				3743.52	3750	3793.98	
30	PI/2 BPSK	1	1	16.32	16.36	16.2	17.2
Channel				627300	630333	632530	Tune-up Limit [dBm]
Frequency [MHz]				3737.5	3750	3797.5	
25	PI/2 BPSK	1	1	16.38	16.43	16.19	17.2
Channel				627204	630333	632496	Tune-up Limit [dBm]
Frequency [MHz]				3736.51	3750	3799.99	
20	PI/2 BPSK	1	1	15.4	16.36	16.2	17.2
Channel				627144	630333	632532	Tune-up Limit [dBm]
Frequency [MHz]				3737.01	3750	3804.48	
15	PI/2 BPSK	1	1	16.36	16.46	15.26	17.2
Channel				627360	630333	633306	Tune-up Limit [dBm]
Frequency [MHz]				3753	3750	3747	
10	PI/2 BPSK	1	1	16.36	16.39	15.23	17.2

<FR1 n78 (27Q)_HPUE_Ant5_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633000			
Frequency [MHz]				3500			
100		1	1	19.02			20.3
100		1	137	19.02			20.3
100		1	271	19.04			20.3
100	PI/2 BPSK	135	0	18.78			20.3
100		135	69	18.8			20.3
100		135	138	18.68			20.3
100		270	0	18.69			20.3
100		1	1	18.77			20.3
100		1	137	19.03			20.3
100		1	271	18.93			20.3
100	QPSK	135	0	18.84			20.3
100		135	69	18.84			20.3
100		135	138	18.84			20.3
100		270	0	18.9			20.3
100	16QAM	1	1	18.93			20.3
100	64QAM	1	1	18.79			20.3
100	256QAM	1	1	18.88			20.3
Channel				629848	630333	630332	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	18.19	18.8	18.88	20.3
Channel				629334	630333	630998	Tune-up Limit [dBm]
Frequency [MHz]				3746.01	3750	3753.99	
80	PI/2 BPSK	1	1	18.12	18.85	18.75	20.3
Channel				628820	630333	631332	Tune-up Limit [dBm]
Frequency [MHz]				3745	3750	3755	
70	PI/2 BPSK	1	1	18.07	18.83	18.81	20.3
Channel				628164	630333	631332	Tune-up Limit [dBm]
Frequency [MHz]				3743.02	3750	3763.98	
60	PI/2 BPSK	1	1	18.09	18.83	18.77	20.3
Channel				628338	630333	631998	Tune-up Limit [dBm]
Frequency [MHz]				3745.01	3750	3772.99	
50	PI/2 BPSK	1	1	18.17	18.84	18.8	20.3
Channel				628332	630333	632232	Tune-up Limit [dBm]
Frequency [MHz]				3745	3750	3782	
40	PI/2 BPSK	1	1	18.09	18.88	18.77	20.3
Channel				627888	630333	632232	Tune-up Limit [dBm]
Frequency [MHz]				3743.52	3750	3793.98	
30	PI/2 BPSK	1	1	18.11	18.8	18.72	20.3
Channel				627300	630333	632333	Tune-up Limit [dBm]
Frequency [MHz]				3737.5	3750	3797.5	
25	PI/2 BPSK	1	1	18.15	18.73	18.81	20.3
Channel				627204	630333	632496	Tune-up Limit [dBm]
Frequency [MHz]				3736.51	3750	3799.99	
20	PI/2 BPSK	1	1	18.1	18.77	18.86	20.3
Channel				627144	630333	632532	Tune-up Limit [dBm]
Frequency [MHz]				3737.01	3750	3804.48	
15	PI/2 BPSK	1	1	18.15	18.79	18.8	20.3
Channel				627360	630333	633306	Tune-up Limit [dBm]
Frequency [MHz]				3753	3750	3795	
10	PI/2 BPSK	1	1	18.07	18.79	18.76	20.3

<FR1 n7_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.14	24.11	24.05	25.2
50		1	135	23.79	23.83	23.68	25.2
50		1	268	23.55	23.55	23.36	25.2
50		135	0	23.3	23.33	23.23	24.7
50		135	68	23.82	23.92	23.72	25.2
50		135	135	23.41	23.41	23.33	24.7
50		270	0	23.17	23.28	23.1	24.7
50	QPSK	1	1	23.84	23.88	23.68	25.2
50		1	135	23.65	23.72	23.58	25.2
50		1	268	23.68	23.71	23.64	25.2
50		135	0	22.55	22.61	22.43	24.2
50		135	68	23.7	23.75	23.62	25.2
50		135	135	22.16	22.21	22.14	24.2
50		270	0	22.35	22.46	22.38	24.2
50	16QAM	1	1	22.44	22.56	22.43	24.2
50	64QAM	1	1	20.81	20.87	20.77	22.7
50	256QAM	1	1	19.15	19.14	19	20.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.03	24.07	23.94	25.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	24.05	23.97	24	25.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.11	23.97	23.93	25.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.03	24.05	23.99	25.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.12	24.04	23.9	25.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.07	24	23.95	25.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.12	24.06	23.9	25.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.1	24.02	23.99	25.2

<FR1 n66_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.21	24.22	24.23	25.2
45		1	120	23.83	23.94	23.81	25.2
45		1	240	23.78	23.81	23.67	25.2
45		120	0	23.26	23.36	23.24	24.7
45		120	60	23.7	23.85	23.71	25.2
45		120	120	23.14	23.19	23.09	24.7
45		240	0	23.17	23.25	23.18	24.7
45	QPSK	1	1	23.81	23.97	23.91	25.2
45		1	120	23.69	23.74	23.64	25.2
45		1	240	23.74	23.81	23.73	25.2
45		120	0	22.75	22.81	22.67	24.2
45		120	60	23.75	23.79	23.74	25.2
45		120	120	22.64	22.75	22.73	24.2
45		240	0	22.68	22.81	22.7	24.2
45	16QAM	1	1	22.77	22.85	22.73	24.2
45	64QAM	1	1	21.26	21.32	21.26	22.7
45	256QAM	1	1	19.26	19.31	19.2	20.7
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.13	24.12	25.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.17	24.15	24.16	25.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.14	24.12	24.17	25.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.2	24.11	24.22	25.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.13	24.17	24.14	25.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.12	24.08	24.19	25.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.06	24.12	24.09	25.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.09	24.07	24.13	25.2

<FR1 n38_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	519036	520093	
Frequency (MHz)				2590	2693	2800	
40		1	1	24.22	24.15	24.17	25.2
40		1	53	23.96	23.88	23.77	25.2
40		1	104	23.85	23.67	23.58	25.2
40	PI/2 BPSK	50	0	23.63	23.63	23.42	24.7
40		50	28	23.84	23.91	23.9	25.2
40		50	56	23.67	23.13	23.06	24.7
40		100	0	23.92	23.3	23.21	24.7
40		1	1	23.18	23.25	23.21	25.2
40		1	53	23.96	23.93	23.88	25.2
40	QPSK	1	104	23.86	23.62	23.56	25.2
40		50	0	23.05	22.97	22.94	24.2
40		50	28	23.75	23.69	23.68	25.2
40		50	56	22.82	22.63	22.6	24.2
40		100	0	22.79	22.77	22.64	24.2
40	16QAM	1	1	22.36	22.38	22.35	24.2
40	64QAM	1	1	21.52	22.09	21.96	22.7
40	256QAM	1	1	19.27	19.36	19.31	20.7
Channel				517000	519036	521093	Tune-up Limit (dBm)
Frequency (MHz)				2583	2693	2805	
20	PI/2 BPSK	1	1	24.2	24.12	24.02	25.2
Channel				518000	519036	521093	Tune-up Limit (dBm)
Frequency (MHz)				2590.0	2693	2807.5	
20	PI/2 BPSK	1	1	24.09	24.06	24.1	25.2
Channel				518000	519036	521093	Tune-up Limit (dBm)
Frequency (MHz)				2580	2693	2810	
20	PI/2 BPSK	1	1	24.21	24.04	24.12	25.2
Channel				518000	519036	521093	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2693	2812.5	
15	PI/2 BPSK	1	1	24.2	24.1	24.06	25.2
Channel				518000	519036	521093	Tune-up Limit (dBm)
Frequency (MHz)				2575	2693	2815	
10	PI/2 BPSK	1	1	24.16	24.1	24.04	25.2

<FR1 n41_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528030	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	23.63	23.87	23.65	24.2
100		1	137	23.34	23.45	23.37	24.2
100		1	271	23.45	23.61	23.69	24.2
100	PI/2 BPSK	135	0	23.37	23.47	23.39	24.2
100		135	69	23.39	23.48	23.37	24.2
100		135	135	23.35	23.45	23.32	24.2
100		270	0	23.09	23.41	23.3	24.2
100		1	1	23.3	23.36	23.61	24.2
100		1	137	23.25	23.33	23.16	24.2
100		1	271	23.66	23.65	23.55	24.2
100	QPSK	135	0	23.13	23.28	23.22	24.2
100		135	69	23.52	23.45	23.39	24.2
100		135	135	23.12	23.22	23.16	24.2
100		270	0	23.16	23.21	23.12	24.2
100	16QAM	1	1	23.19	23.36	23.24	24.2
100	64QAM	1	1	21.7	21.87	21.78	22.7
100	256QAM	1	1	19.64	19.79	19.69	20.7
Channel				506200	518998	528196	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2644.98	
90	PI/2 BPSK	1	1	23.29	23.36	23.42	24.2
Channel				505224	518998	529168	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2699.88	
80	PI/2 BPSK	1	1	23.07	23.36	23.35	24.2
Channel				505224	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2711.88	
70	PI/2 BPSK	1	1	23.34	23.35	23.37	24.2
Channel				505236	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2674.2	2692.98	2711.88	
60	PI/2 BPSK	1	1	23.39	23.45	23.3	24.2
Channel				506248	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2682.12	2692.98	2684.88	
50	PI/2 BPSK	1	1	23.34	23.47	23.37	24.2
Channel				505736	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2676.9	2692.98	2687.48	
45	PI/2 BPSK	1	1	23.39	23.35	23.42	24.2
Channel				505052	518998	530330	Tune-up Limit (dBm)
Frequency (MHz)				2675.61	2692.98	2690	
40	PI/2 BPSK	1	1	23.35	23.45	23.31	24.2
Channel				502704	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2671.52	2692.98	2672.28	
35	PI/2 BPSK	1	1	23.3	23.38	23.34	24.2
Channel				502200	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2674.98	
30	PI/2 BPSK	1	1	23.07	23.45	23.39	24.2
Channel				501702	518998	530130	Tune-up Limit (dBm)
Frequency (MHz)				2669.61	2692.98	2677.8	
25	PI/2 BPSK	1	1	23.4	23.46	23.35	24.2
Channel				501254	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2668.52	2692.98	2679.98	
20	PI/2 BPSK	1	1	23.32	23.47	23.33	24.2
Channel				500756	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2667.3	2692.98	2682.48	
15	PI/2 BPSK	1	1	23.33	23.44	23.39	24.2
Channel				500252	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2661.01	2692.98	2685	
10	PI/2 BPSK	1	1	23.29	23.36	23.34	24.2

<FR1 n41_HPUE_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528030	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	26.5	26.57	26.51	26.2
100		1	137	24.37	24.47	24.46	26.2
100		1	271	24.13	24.2	24.36	26.2
100	PI/2 BPSK	135	0	23.83	23.94	23.87	24.7
100		135	69	24.26	24.4	24.36	25.2
100		135	135	24.02	24.03	23.99	24.7
100		270	0	23.97	24.03	23.9	24.7
100		1	1	24.26	24.36	24.22	25.2
100		1	137	24.19	24.23	24.16	26.2
100	QPSK	1	271	24.16	24.27	24.23	26.2
100		135	0	23.21	23.28	23.15	24.2
100		135	69	24.15	24.28	24.21	25.2
100		135	135	23.16	23.24	23.12	24.2
100		270	0	23.23	23.3	23.21	24.2
100	16QAM	1	1	22.29	22.34	22.31	24.2
100	64QAM	1	1	21.12	21.8	21.71	22.7
100	256QAM	1	1	19.66	19.99	19.83	20.7
Channel				506200	518998	528196	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2644.98	
90	PI/2 BPSK	1	1	24.41	24.45	24.46	25.2
Channel				505224	518998	529366	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2699.88	
80	PI/2 BPSK	1	1	24.36	24.5	24.48	25.2
Channel				505224	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2711.88	
70	PI/2 BPSK	1	1	24.49	24.4	24.39	25.2
Channel				505236	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2674.2	2692.98	2711.88	
60	PI/2 BPSK	1	1	24.42	24.43	24.41	25.2
Channel				506248	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2682.12	2692.98	2684.88	
50	PI/2 BPSK	1	1	24.39	24.39	24.41	25.2
Channel				505736	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2676.9	2692.98	2687.48	
45	PI/2 BPSK	1	1	24.49	24.5	24.44	25.2
Channel				505052	518998	530330	Tune-up Limit (dBm)
Frequency (MHz)				2675.61	2692.98	2690	
40	PI/2 BPSK	1	1	24.48	24.45	24.46	25.2
Channel				502704	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2671.52	2692.98	2672.28	
35	PI/2 BPSK	1	1	24.39	24.37	24.47	25.2
Channel				502200	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2674.98	
30	PI/2 BPSK	1	1	24.38	24.39	24.42	25.2
Channel				501702	518998	530130	Tune-up Limit (dBm)
Frequency (MHz)				2669.61	2692.98	2677.8	
25	PI/2 BPSK	1	1	24.48	24.45	24.49	25.2
Channel				501254	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2668.52	2692.98	2679.98	
20	PI/2 BPSK	1	1	24.46	24.42	24.37	25.2
Channel				500756	518998	530498	Tune-up Limit (dBm)
Frequency (MHz)				2667.3	2692.98	2682.48	
15	PI/2 BPSK	1	1	24.46	24.39	24.46	25.2
Channel				500252	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2661.01	2692.98	2685	
10	PI/2 BPSK	1	1	24.35	24.48	24.46	25.2

<FR1 n46_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				636965	647988	649332	
Frequency (MHz)				20.02	3424.98	3478.98	
40		1	1	20.93	21	20.99	22.5
40		1	53	20.79	20.96	20.81	22.5
40		1	104	20.82	20.98	20.82	22.5
40	PI/2 BPSK	50	0	20.96	21.1	21.02	22
40		50	28	21.03	21.63	21.02	22.5
40		50	56	20.9	21.04	20.93	22
40		100	0	20.9	21.07	21.01	22
40		1	1	20.87	20.97	20.82	22.5
40		1	53	20.81	20.93	20.73	22.5
40		1	104	20.68	20.87	20.76	22.5
40	QPSK	50	0	20.85	20.97	20.83	21.5
40		50	28	21.36	21.52	21.46	22.5
40		50	56	20.42	20.51	20.44	21.5
40		100	0	20.39	20.53	20.47	21.5
40	16QAM	1	1	20.16	20.34	20.22	21.5
40	64QAM	1	1	19.62	19.83	19.79	20
40	256QAM	1	1	16.68	16.7	16.63	18
Channel				637868	647988	649965	
Frequency (MHz)				3843.2	3424.98	3084.98	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	20.79	20.94	20.96	22.5
Channel				637324	647988	650332	
Frequency (MHz)				3842.11	3424.98	3660	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	20.92	20.97	20.96	22.5
Channel				637124	647988	649130	
Frequency (MHz)				3837.02	3424.98	3652.48	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	20.9	20.99	20.96	22.5
Channel				637060	647988	649344	
Frequency (MHz)				3835	3424.98	3084.98	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	20.87	20.91	20.92	22.5

<FR1 n77 (27Q)_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		22.41		23.5
100		1	137		22.23		23.5
100		1	273		22.26		23.5
100	PI/2 BPSK	136	0		23.09		23.5
100		136	69		23.09		23.5
100		136	139		23.03		23.5
100		270	0		23.09		23.5
100		1	1		22.2		23.5
100		1	137		22.05		23.5
100		1	271		22.21		23.5
100	QPSK	136	0		23.13		23.5
100		136	69		23.02		23.5
100		136	139		23.05		23.5
100		270	0		23.09		23.5
100	16QAM	1	1		22.28		23.5
100	64QAM	1	1		22.11		23.5
100	256QAM	1	1		21.48		22.5
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.98	3506.98	
90	PI/2 BPSK	1	1	22.37	22.38	22.23	23.5
Channel				632988	633332	633680	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.29	22.36	22.28	23.5
Channel				632736	633332	633932	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.25	22.36	22.27	23.5
Channel				632700	633332	633964	Tune-up Limit (dBm)
Frequency (MHz)				3484	3499.98	3515.94	
60	PI/2 BPSK	1	1	22.21	22.36	22.25	23.5
Channel				671988	633332	639280	Tune-up Limit (dBm)
Frequency (MHz)				3419.52	3499.98	3579	
50	PI/2 BPSK	1	1	22.29	22.3	22.19	23.5
Channel				671856	633332	639360	Tune-up Limit (dBm)
Frequency (MHz)				3418.61	3499.98	3579.96	
40	PI/2 BPSK	1	1	22.33	22.32	22.31	23.5
Channel				671760	633332	639396	Tune-up Limit (dBm)
Frequency (MHz)				3418	3499.98	3579.96	
30	PI/2 BPSK	1	1	22.38	22.24	22.23	23.5
Channel				636564	633332	636432	Tune-up Limit (dBm)
Frequency (MHz)				3402.51	3499.98	3597.48	
25	PI/2 BPSK	1	1	22.27	22.3	22.32	23.5
Channel				636468	633332	636300	Tune-up Limit (dBm)
Frequency (MHz)				3400.02	3499.98	3600	
20	PI/2 BPSK	1	1	22.32	22.36	22.31	23.5
Channel				636300	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3397.8	3499.98	3602.49	
15	PI/2 BPSK	1	1	22.25	22.3	22.31	23.5
Channel				631728	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)				3453.51	3499.98	3546.99	
10	PI/2 BPSK	1	1	22.24	22.36	22.18	23.5

<FR1 n77 (27Q)_HPUE_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		23.95		26.5
100		1	137		25.51		26.5
100		1	273		25.7		26.5
100	PI/2 BPSK	136	0		25.17		26.5
100		136	69		25.61		26.5
100		136	139		25.52		26.5
100		270	0		25.11		26.5
100		1	1		23.95		26.5
100		1	137		25.47		26.5
100		1	271		25.68		26.5
100	QPSK	136	0		24.72		25.5
100		136	69		25.57		26.5
100		136	139		24.6		25.5
100		270	0		24.59		25.5
100	16QAM	1	1		24.65		25.5
100	64QAM	1	1		23.29		24.5
100	256QAM	1	1		20.72		22.5
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.98	3506.98	
90	PI/2 BPSK	1	1	25.81	25.83	25.75	26.5
Channel				632988	633332	633680	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.75	25.79	25.77	26.5
Channel				632736	633332	633932	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.72	25.77	25.66	26.5
Channel				632700	633332	633964	Tune-up Limit (dBm)
Frequency (MHz)				3484	3499.98	3515.94	
60	PI/2 BPSK	1	1	25.7	25.76	25.64	26.5
Channel				671988	633332	639280	Tune-up Limit (dBm)
Frequency (MHz)				3419.52	3499.98	3579	
50	PI/2 BPSK	1	1	25.76	25.77	25.79	26.5
Channel				631536	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3410.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.79	25.79	25.68	26.5
Channel				631500	633332	635868	Tune-up Limit (dBm)
Frequency (MHz)				3409	3499.98	3529.94	
30	PI/2 BPSK	1	1	25.7	25.68	25.64	26.5
Channel				636564	633332	636432	Tune-up Limit (dBm)
Frequency (MHz)				3402.51	3499.98	3597.48	
25	PI/2 BPSK	1	1	25.72	25.79	25.72	26.5
Channel				636396	633332	636204	Tune-up Limit (dBm)
Frequency (MHz)				3400.02	3499.98	3600	
20	PI/2 BPSK	1	1	25.76	25.79	25.66	26.5
Channel				636132	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3397.8	3499.98	3602.49	
15	PI/2 BPSK	1	1	25.7	25.71	25.79	26.5
Channel				631728	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)				3453.51	3499.98	3546.99	
10	PI/2 BPSK	1	1	25.8	25.81	25.79	26.5

<FR1 n77 (27O)_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				23320	23980	24640	
100		1	1	22.37	22.45	22.31	23.5
100		1	137	21.99	22.05	21.82	23.5
100		1	271	22.07	22.07	22.12	23.5
100	PI/2 BPSK	135	0	22.08	22.23	21.98	23.5
100		135	68	21.97	22.09	21.91	23.5
100		135	136	22.02	22.22	22.07	23.5
100		270	0	22.11	22.3	22.11	23.5
100		1	1	22.21	22.43	22.16	23.5
100		1	137	21.85	22.04	21.82	23.5
100		1	271	22.33	22.43	22.25	23.5
100	QPSK	135	0	22.11	22.23	22.02	23.5
100		135	68	21.92	22.13	21.96	23.5
100		135	136	22.08	22.2	22.01	23.5
100		270	0	22.14	22.24	22.01	23.5
100	16QAM	1	1	22	22.16	22	23.5
100	64QAM	1	1	22.05	22.19	21.96	23.5
100	256QAM	1	1	20.46	20.68	20.47	22.4
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3743.52	3840	3936.48	
90	PI/2 BPSK	1	1	22.28	22.38	22.22	23.5
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.01	3840	3938.99	
80	PI/2 BPSK	1	1	22.32	22.43	22.27	23.5
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
70	PI/2 BPSK	1	1	22.26	22.44	22.24	23.5
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3716.52	3840	3963.48	
60	PI/2 BPSK	1	1	22.32	22.53	22.17	23.5
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3713.01	3840	3966.99	
50	PI/2 BPSK	1	1	22.3	22.38	22.18	23.5
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3710	3840	3970	
40	PI/2 BPSK	1	1	22.23	22.37	22.28	23.5
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3706.52	3840	3973.48	
30	PI/2 BPSK	1	1	22.26	22.52	22.25	23.5
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.28	22.33	22.27	23.5
Channel				647224	656000	664864	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	22.25	22.23	22.19	23.5
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.39	22.3	22.26	23.5
Channel				647052	656000	664948	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.28	22.42	22.17	23.5

<FR1 n77 (27O)_HPUE_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				23320	23980	24640	
100		1	1	25.58	25.6	25.53	26.5
100		1	137	25.26	25.43	25.22	26.5
100		1	271	25.1	25.27	25.19	26.5
100	PI/2 BPSK	135	0	24.98	24.98	24.93	26.5
100		135	68	24.9	25.02	24.9	26.5
100		135	136	24.99	25.7	24.94	26.5
100		270	0	24.84	25.72	24.9	26.5
100		1	1	25.19	25.35	25.17	26.5
100		1	137	24.91	25.08	24.92	26.5
100		1	271	25.27	25.36	25.13	26.5
100	QPSK	135	0	25.21	25.1	25.19	26.5
100		135	68	24.89	25.04	24.89	26.5
100		135	136	24.03	24.22	24.13	25.5
100		270	0	24.03	24.19	24.1	25.5
100	16QAM	1	1	24.92	24.48	24.93	25.5
100	64QAM	1	1	23.72	23.87	23.72	24.4
100	256QAM	1	1	20.58	20.68	20.5	22.4
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3743.52	3840	3936.48	
90	PI/2 BPSK	1	1	25.61	25.56	25.62	26.5
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.01	3840	3938.99	
80	PI/2 BPSK	1	1	25.46	25.49	25.45	26.5
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
70	PI/2 BPSK	1	1	25.68	25.53	25.52	26.5
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3716.52	3840	3963.48	
60	PI/2 BPSK	1	1	25.47	25.47	25.44	26.5
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3713.01	3840	3966.99	
50	PI/2 BPSK	1	1	25.52	25.39	25.44	26.5
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3710	3840	3970	
40	PI/2 BPSK	1	1	25.67	25.51	25.6	26.5
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3706.52	3840	3973.48	
30	PI/2 BPSK	1	1	25.61	25.54	25.62	26.5
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	25.43	25.57	25.47	26.5
Channel				647224	656000	664864	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.49	
20	PI/2 BPSK	1	1	25.4	25.48	25.5	26.5
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.42	25.53	25.5	26.5
Channel				647052	656000	664948	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.53	25.46	25.42	26.5

<FR1 n78 (27Q)_Ant6_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3999.99		
100		1	1		22.02		23.5
100		1	137		21.72		23.5
100		1	271		22		23.5
100	PI/2 BPSK	135	0		22.79		23.5
100		135	68		22.83		23.5
100		135	136		22.74		23.5
100		270	0		22.82		23.5
100		1	1		21.98		23.5
100		1	137		21.8		23.5
100		1	271		21.99		23.5
100	QPSK	135	0		22.79		23.5
100		135	68		22.72		23.5
100		135	136		22.78		23.5
100		270	0		22.87		23.5
100	16QAM	1	1		21.92		22.5
100	64QAM	1	1		21.98		22.5
100	256QAM	1	1		21.11		22.5
Channel					633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)					3996	3999.99	4003.98	
90	PI/2 BPSK	1	1		21.99	22.01	21.93	23.5
Channel					632666	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)					3995.02	3999.99	3915	
80	PI/2 BPSK	1	1		21.85	21.9	21.79	23.5
Channel					632334	633334	634334	Tune-up Limit (dBm)
Frequency (MHz)					3991.01	3999.98	3914.99	
70	PI/2 BPSK	1	1		21.89	21.89	21.75	23.5
Channel					632000	633334	634668	Tune-up Limit (dBm)
Frequency (MHz)					3985	3999.98	3918.99	
60	PI/2 BPSK	1	1		21.86	21.91	21.86	23.5
Channel					631666	633332	634998	Tune-up Limit (dBm)
Frequency (MHz)					3979.02	3999.98	3923	
50	PI/2 BPSK	1	1		21.82	21.93	21.78	23.5
Channel					631336	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)					3973.01	3999.98	3929.98	
40	PI/2 BPSK	1	1		21.86	21.92	21.83	23.5
Channel					631000	633334	635668	Tune-up Limit (dBm)
Frequency (MHz)					3968	3999.98	3934.99	
30	PI/2 BPSK	1	1		21.85	21.96	21.91	23.5
Channel					630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)					3962.51	3999.98	3937.48	
25	PI/2 BPSK	1	1		21.91	21.97	21.85	23.5
Channel					630668	633332	636032	Tune-up Limit (dBm)
Frequency (MHz)					3965.02	3999.98	3940	
20	PI/2 BPSK	1	1		21.86	21.92	21.86	23.5
Channel					630336	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)					3957.5	3999.98	3942.49	
15	PI/2 BPSK	1	1		21.85	21.98	21.79	23.5
Channel					630168	633332	636232	Tune-up Limit (dBm)
Frequency (MHz)					3953.51	3999.98	3944.98	
10	PI/2 BPSK	1	1		21.89	21.96	21.91	23.5

<FR1 n78 (27Q)_HPUE_Ant6_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		23.42		26.9
100		1	137		25.55		26.9
100		1	273		23.62		26.9
100	PI/2 BPSK	135	0		25.11		26.4
100		135	69		23.58		26.9
100		135	138		23.52		26.4
100		270	0		23.08		26.4
100		1	1		23.79		26.9
100		1	137		25.47		26.9
100		1	271		23.6		26.9
100	QPSK	135	0		23.62		25.9
100		135	69		23.68		26.9
100		135	138		24.5		25.9
100		270	0		24.58		25.9
100	16QAM	1	1		24.7		26.9
100	64QAM	1	1		23.83		24.4
100	256QAM	1	1		20.62		22.4
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3509.98	
90	PI/2 BPSK	1	1	26.72	26.78	26.77	26.9
Channel				632964	633332	633700	Tune-up Limit (dBm)
Frequency (MHz)				3489.82	3499.99	3510	
80	PI/2 BPSK	1	1	26.82	26.72	26.72	26.9
Channel				632736	633132	633732	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.99	3614.98	
70	PI/2 BPSK	1	1	25.81	25.67	25.72	26.9
Channel				632500	633132	633900	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.98	
60	PI/2 BPSK	1	1	25.82	25.82	25.68	26.9
Channel				631968	633132	634332	Tune-up Limit (dBm)
Frequency (MHz)				3475.32	3499.99	3524	
50	PI/2 BPSK	1	1	25.98	25.78	25.83	26.9
Channel				631404	633132	634332	Tune-up Limit (dBm)
Frequency (MHz)				3472.61	3499.99	3524.99	
40	PI/2 BPSK	1	1	25.92	25.7	25.99	26.9
Channel				631260	633132	633984	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3529.98	
30	PI/2 BPSK	1	1	25.96	25.68	25.76	26.9
Channel				630804	633132	634632	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	25.99	25.71	25.82	26.9
Channel				630588	633132	634392	Tune-up Limit (dBm)
Frequency (MHz)				3460.32	3499.99	3540	
20	PI/2 BPSK	1	1	25.82	25.67	25.85	26.9
Channel				630252	633132	634164	Tune-up Limit (dBm)
Frequency (MHz)				3447.8	3499.99	3552.48	
15	PI/2 BPSK	1	1	25.98	25.73	25.74	26.9
Channel				630144	633132	634152	Tune-up Limit (dBm)
Frequency (MHz)				3445.01	3499.99	3554.98	
10	PI/2 BPSK	1	1	25.84	25.73	25.76	26.9

<FR1 n78 (27O)_Ant6_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		22.97		23.9
100		1	137		22.8		23.9
100		1	273		22.96		23.9
100	PI/2 BPSK	135	0		22.79		23.9
100		135	69		22.81		23.9
100		135	138		22.59		23.9
100		270	0		22.67		23.9
100		1	1		22.79		23.9
100		1	137		22.91		23.9
100		1	271		22.1		23.9
100	QPSK	135	0		22.73		23.9
100		135	69		22.62		23.9
100		135	138		22.57		23.9
100		270	0		22.66		23.9
100	16QAM	1	1		20.8		23.9
100	64QAM	1	1		22.79		23.9
100	256QAM	1	1		21.17		22.4
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	22.83	22.8	22.87	23.9
Channel				649734	650000	650266	Tune-up Limit (dBm)
Frequency (MHz)				3746.61	3750	3753.39	
80	PI/2 BPSK	1	1	22.73	22.78	22.74	23.9
Channel				649500	650000	650500	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
70	PI/2 BPSK	1	1	22.8	22.73	22.75	23.9
Channel				649268	650000	650732	Tune-up Limit (dBm)
Frequency (MHz)				3742.32	3750	3757.68	
60	PI/2 BPSK	1	1	22.77	22.76	22.74	23.9
Channel				649036	650000	650964	Tune-up Limit (dBm)
Frequency (MHz)				3739.61	3750	3760.39	
50	PI/2 BPSK	1	1	22.69	22.77	22.78	23.9
Channel				648800	650000	651200	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	22.82	22.78	22.83	23.9
Channel				647568	650000	652432	Tune-up Limit (dBm)
Frequency (MHz)				3724.02	3750	3775.98	
30	PI/2 BPSK	1	1	22.79	22.72	22.74	23.9
Channel				647268	650000	652800	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.75	22.67	22.73	23.9
Channel				647238	650000	652968	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3750	3789.49	
20	PI/2 BPSK	1	1	22.77	22.66	22.83	23.9
Channel				647196	650000	652532	Tune-up Limit (dBm)
Frequency (MHz)				3707.82	3750	3792.48	
15	PI/2 BPSK	1	1	22.73	22.75	22.88	23.9
Channel				647124	650000	652532	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.73	22.76	22.85	23.9

<FR1 n78 (27O)_HPUE_Ant6_DSI1>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		25.9		26.9
100		1	137		25.58		26.9
100		1	273		25.61		26.9
100	PI/2 BPSK	135	0		24.85		26.4
100		135	69		25.3		26.9
100		135	138		24.71		26.4
100		270	0		25.14		26.4
100		1	1		25.79		26.9
100		1	137		25.67		26.9
100		1	271		25.63		26.9
100	QPSK	135	0		24.68		25.9
100		135	69		25.61		26.9
100		135	138		24.57		25.9
100		270	0		24.57		25.9
100	16QAM	1	1		24.64		25.9
100	64QAM	1	1		22.99		24.4
100	256QAM	1	1		21.1		22.4
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	25.92	25.88	25.87	26.9
Channel				649434	650000	650566	Tune-up Limit (dBm)
Frequency (MHz)				3746.61	3750	3753.39	
80	PI/2 BPSK	1	1	25.76	25.93	25.86	26.9
Channel				649200	650000	650800	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
70	PI/2 BPSK	1	1	25.77	25.79	25.82	26.9
Channel				648968	650000	651032	Tune-up Limit (dBm)
Frequency (MHz)				3742.32	3750	3757.68	
60	PI/2 BPSK	1	1	25.79	25.79	23.8	26.9
Channel				648736	650000	651264	Tune-up Limit (dBm)
Frequency (MHz)				3739.61	3750	3760.39	
50	PI/2 BPSK	1	1	25.77	25.75	25.78	26.9
Channel				648500	650000	651500	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	25.79	25.86	25.77	26.9
Channel				647568	650000	652432	Tune-up Limit (dBm)
Frequency (MHz)				3724.02	3750	3775.98	
30	PI/2 BPSK	1	1	25.75	25.84	25.72	26.9
Channel				647580	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.71	25.81	25.88	26.9
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3750	3789.49	
20	PI/2 BPSK	1	1	25.74	25.95	25.76	26.9
Channel				647196	650000	652532	Tune-up Limit (dBm)
Frequency (MHz)				3707.82	3750	3792.48	
15	PI/2 BPSK	1	1	25.71	25.77	25.81	26.9
Channel				647124	650000	652532	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.79	25.76	25.72	26.9

<FR1 n7_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.3	16.55	16.27	17.2
50		1	135	16.17	16.53	16.11	17.2
50		1	268	16.22	16.53	16.14	17.2
50		135	0	16.1	16.45	16.16	17.2
50		135	68	16.22	16.49	16.16	17.2
50		135	135	16.14	16.43	16.03	17.2
50		270	0	16.1	16.45	16.12	17.2
50	QPSK	1	1	16.09	16.47	16.05	17.2
50		1	135	16.16	16.53	16.13	17.2
50		1	268	16.3	16.58	16.23	17.2
50		135	0	16.14	16.44	16.12	17.2
50		135	68	16.06	16.4	16.02	17.2
50		135	135	16.19	16.47	16.15	17.2
50		270	0	16.09	16.42	16.03	17.2
50	16QAM	1	1	16.15	16.54	16.22	17.2
50	64QAM	1	1	16.13	16.47	16.13	17.2
50	256QAM	1	1	16.18	16.57	16.16	17.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.28	16.43	16.25	17.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.24	16.49	16.2	17.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.16	16.44	16.22	17.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	16.25	16.53	16.25	17.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.16	16.43	16.19	17.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.17	16.41	16.16	17.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.28	16.54	16.14	17.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.18	16.5	16.25	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.43	17.55	17.5	18.5
45		1	120	17.26	17.39	17.23	18.5
45		1	240	17.29	17.45	17.37	18.5
45		120	0	17.31	17.5	17.4	18.5
45		120	60	17.29	17.52	17.44	18.5
45		120	120	17.16	17.35	17.29	18.5
45		240	0	17.36	17.53	17.45	18.5
45	QPSK	1	1	17.3	17.48	17.34	18.5
45		1	120	17.31	17.48	17.28	18.5
45		1	240	17.34	17.57	17.39	18.5
45		120	0	17.11	17.34	17.21	18.5
45		120	60	17.12	17.32	17.15	18.5
45		120	120	17.31	17.55	17.46	18.5
45		240	0	17.23	17.45	17.33	18.5
45	16QAM	1	1	17.3	17.5	17.31	18.5
45	64QAM	1	1	17.14	17.38	17.22	18.5
45	256QAM	1	1	17.32	17.56	17.49	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.41	17.47	17.45	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.33	17.46	17.38	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.37	17.52	17.38	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.4	17.52	17.39	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.36	17.46	17.36	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.32	17.51	17.41	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.37	17.42	17.4	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.28	17.51	17.36	18.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.97	18.03	18	19.2
40		1	53	17.77	17.93	17.79	19.2
40		1	104	17.82	17.97	17.91	19.2
40	PI/2 BPSK	50	0	17.8	17.96	17.79	19.2
40		50	28	17.85	18.02	17.96	19.2
40		50	56	17.9	17.99	17.94	19.2
40		100	0	17.82	18	17.85	19.2
40		1	1	17.82	17.95	17.88	19.2
40		1	53	17.97	17.97	17.9	19.2
40		1	104	17.97	18	17.94	19.2
40	QPSK	50	0	17.89	17.97	17.93	19.2
40		50	28	17.94	17.95	17.98	19.2
40		50	56	17.91	17.93	17.79	19.2
40		100	0	17.88	17.97	17.93	19.2
40	16QAM	1	1	17.89	18.02	17.93	19.2
40	64QAM	1	1	17.94	17.99	17.9	19.2
40	256QAM	1	1	17.85	17.99	17.88	19.2
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	17.95	18	17.92	19.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.5	2580	2607.5	
25	PI/2 BPSK	1	1	17.84	17.99	17.97	19.2
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	17.93	18.01	17.9	19.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	17.91	18	17.89	19.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2610	
10	PI/2 BPSK	1	1	17.94	17.98	17.9	19.2

<FR1 n41_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.33	17.43	17.6	18.2
100		1	137	17.35	17.52	17.38	18.2
100	PI/2 BPSK	1	271	17.4	17.61	17.47	18.2
100		135	0	17.45	17.6	17.49	18.2
100		135	69	17.37	17.62	17.53	18.2
100		135	138	17.39	17.54	17.43	18.2
100		270	0	17.41	17.58	17.48	18.2
100		1	1	17.39	17.51	17.42	18.2
100		1	137	17.46	17.58	17.54	18.2
100		1	271	17.34	17.46	17.4	18.2
100	QPSK	135	0	17.39	17.54	17.39	18.2
100		135	69	17.41	17.59	17.55	18.2
100		135	138	17.41	17.61	17.49	18.2
100		270	0	17.35	17.49	17.43	18.2
100	16QAM	1	1	17.35	17.48	17.42	18.2
100	64QAM	1	1	17.48	17.5	17.53	18.2
100	256QAM	1	1	17.31	17.45	17.34	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.4	17.58	17.49	18.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.48	17.58	17.58	18.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.38	17.5	17.58	18.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.46	17.61	17.5	18.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.45	17.49	17.51	18.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.46	17.6	17.51	18.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.38	17.5	17.57	18.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.46	17.49	17.55	18.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.48	17.54	17.51	18.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.4	17.54	17.54	18.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.51	17.57	17.48	18.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.4	17.61	17.54	18.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.38	17.61	17.53	18.2

<FR1 n41_HPUE_Ant7_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.41	20.7	20.51	21.2
100		1	137	20.45	20.56	20.3	21.2
100	PI/2 BPSK	1	271	20.36	20.49	20.26	21.2
100		135	0	20.42	20.61	20.26	21.2
100		135	69	20.42	20.64	20.31	21.2
100		135	138	20.36	20.59	20.36	21.2
100		270	0	20.45	20.52	20.24	21.2
100		1	1	20.38	20.58	20.33	21.2
100		1	137	20.51	20.64	20.39	21.2
100		1	271	20.34	20.54	20.26	21.2
100	QPSK	135	0	20.32	20.52	20.19	21.2
100		135	69	20.48	20.62	20.3	21.2
100		135	138	20.4	20.71	20.46	21.2
100		270	0	20.21	20.41	20.16	21.2
100	16QAM	1	1	20.46	20.57	20.33	21.2
100	64QAM	1	1	19.42	19.45	19.46	20.2
100	256QAM	1	1	17.54	17.69	17.39	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.57	20.61	20.44	21.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.53	20.68	20.46	21.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.59	20.61	20.36	21.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.52	20.64	20.46	21.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.54	20.63	20.37	21.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.53	20.68	20.49	21.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.53	20.64	20.44	21.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.57	20.65	20.36	21.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.58	20.66	20.37	21.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.57	20.58	20.48	21.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.57	20.67	20.46	21.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.49	20.59	20.46	21.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.47	20.69	20.48	21.2

<FR1 n48_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	17.31	17.34	17.23	18.9
40		1	53	17.21	17.26	17.21	18.9
40		1	104	17.18	17.34	17.23	18.9
40	PI/2 BPSK	50	0	17.03	17.13	17.07	18.9
40		50	28	17.13	17.25	17.22	18.9
40		50	56	16.96	17.13	17.04	18.9
40		100	0	17.1	17.24	17.22	18.9
40		1	1	17.16	17.24	17.11	18.9
40		1	53	17.08	17.22	17.16	18.9
40		1	104	17.03	17.16	17.14	18.9
40	QPSK	50	0	17.1	17.26	17.14	18.9
40		50	28	17.26	17.33	17.26	18.9
40		50	56	17.3	17.35	17.22	18.9
40		100	0	17.12	17.25	17.1	18.9
40	16QAM	1	1	17.16	17.3	17.15	18.9
40	64QAM	1	1	16.16	16.25	16.13	17.9
40	256QAM	1	1	14.52	14.69	14.65	15.4
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3560.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.23	17.27	17.2	18.9
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.19	17.28	17.32	18.9
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.26	17.22	17.26	18.9
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3695.01	
10	PI/2 BPSK	1	1	17.27	17.21	17.26	18.9

<FR1 n77 (27Q)_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.47		16.3
100		1	137		15.82		16.3
100		1	271		15.87		16.3
100	PI/2 BPSK	135	0		15.78		16.3
100		135	69		15.83		16.3
100		135	138		15.75		16.3
100		270	0		15.86		16.3
100		1	1		15.85		16.3
100		1	137		15.79		16.3
100		1	271		15.84		16.3
100	QPSK	135	0		15.87		16.3
100		135	69		15.85		16.3
100		135	138		15.74		16.3
100		270	0		15.78		16.3
100	16QAM	1	1		15.92		16.3
100	64QAM	1	1		15.42		16.3
100	256QAM	1	1		15.92		16.3
Channel				630000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.99	
90	PI/2 BPSK	1	1	15.92	15.78	15.83	16.3
Channel				629668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3489.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.82	15.76	15.78	16.3
Channel				629334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3488.01	3499.98	3510.98	
70	PI/2 BPSK	1	1	15.77	15.72	15.77	16.3
Channel				629000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3487	3499.98	3512.99	
60	PI/2 BPSK	1	1	15.87	15.76	15.73	16.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.83	15.69	15.76	16.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3499.98	3524.98	
40	PI/2 BPSK	1	1	15.9	15.75	15.71	16.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3482	3499.98	3524.99	
30	PI/2 BPSK	1	1	15.86	15.71	15.69	16.3
Channel				630634	633332	635652	Tune-up Limit (dBm)
Frequency (MHz)				3482.21	3499.98	3527.48	
25	PI/2 BPSK	1	1	15.78	15.73	15.69	16.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3480.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.77	15.71	15.79	16.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3487.2	3499.98	3542.88	
15	PI/2 BPSK	1	1	15.83	15.74	15.88	16.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.81	15.83	15.8	16.3

<FR1 n77 (27Q)_HPUE_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.05		19.3
100		1	137		19.06		19.3
100		1	271		19.05		19.3
100	PI/2 BPSK	135	0		19.09		19.3
100		135	69		18.93		19.3
100		135	138		19.06		19.3
100		270	0		18.98		19.3
100		1	1		18.91		19.3
100		1	137		19.05		19.3
100		1	271		19.09		19.3
100	QPSK	135	0		19.08		19.3
100		135	69		18.93		19.3
100		135	138		19.04		19.3
100		270	0		18.93		19.3
100	16QAM	1	1		18.86		19.3
100	64QAM	1	1		18.65		19.3
100	256QAM	1	1		18.68		19.3
Channel				630000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.99	
90	PI/2 BPSK	1	1	18.88	18.93	18.86	19.3
Channel				629668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3489.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.78	18.84	18.78	19.3
Channel				629334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3488.01	3499.98	3510.98	
70	PI/2 BPSK	1	1	18.85	18.89	18.77	19.3
Channel				629000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3487	3499.98	3512.99	
60	PI/2 BPSK	1	1	18.75	18.79	18.75	19.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.77	18.87	18.72	19.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3499.98	3524.98	
40	PI/2 BPSK	1	1	18.88	18.9	18.71	19.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3482	3499.98	3524.99	
30	PI/2 BPSK	1	1	18.74	18.82	18.76	19.3
Channel				630634	633332	635652	Tune-up Limit (dBm)
Frequency (MHz)				3482.21	3499.98	3527.48	
25	PI/2 BPSK	1	1	18.87	18.8	18.72	19.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3480.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.79	18.79	18.73	19.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3487.2	3499.98	3542.88	
15	PI/2 BPSK	1	1	18.82	18.87	18.84	19.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.77	18.76	18.79	19.3

<FR1 n77 (27O)_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100		1	1	15.31	15.46	15.54	16.3
100		1	137	15.19	15.16	14.91	16.3
100		1	271	15.23	15.25	14.63	16.3
100	Pi/2 BPSK	135	0	15.27	15.25	14.65	16.3
100		135	69	15.09	15.37	14.73	16.3
100		135	138	15.05	15.35	14.61	16.3
100		270	0	15.06	15.3	14.65	16.3
100		1	1	15.21	15.3	14.69	16.3
100		1	137	15.26	15.27	14.76	16.3
100		1	271	15.06	15.23	14.8	16.3
100	QPSK	135	0	15.07	15.21	14.62	16.3
100		135	69	15.18	15.25	14.79	16.3
100		135	138	15.1	15.21	14.75	16.3
100		270	0	15.08	15.22	14.77	16.3
100	16QAM	1	1	15.19	15.21	14.72	16.3
100	64QAM	1	1	15.11	15.29	14.75	16.3
100	256QAM	1	1	15.24	15.38	14.77	16.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3745.32	3840	3934.68	
90	Pi/2 BPSK	1	1	15.21	15.38	14.87	16.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3840	3938.49	
80	Pi/2 BPSK	1	1	15.25	15.48	14.89	16.3
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi/2 BPSK	1	1	15.26	15.39	14.93	16.3
Channel				649968	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3750.32	3840	3949.38	
60	Pi/2 BPSK	1	1	15.29	15.38	14.91	16.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3752.51	3840	3954.99	
50	Pi/2 BPSK	1	1	15.21	15.46	14.9	16.3
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3960	
40	Pi/2 BPSK	1	1	15.19	15.38	15	16.3
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3715.32	3840	3964.68	
30	Pi/2 BPSK	1	1	15.24	15.46	14.94	16.3
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	Pi/2 BPSK	1	1	15.17	15.39	14.88	16.3
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi/2 BPSK	1	1	15.19	15.41	14.96	16.3
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi/2 BPSK	1	1	15.26	15.31	15	16.3
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	Pi/2 BPSK	1	1	15.29	15.36	14.96	16.3

<FR1 n77 (27O)_HPUE_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100		1	1	18.29	18.21	17.97	19.3
100		1	137	17.99	18.1	17.58	19.3
100		1	271	17.79	18.07	17.62	19.3
100	Pi/2 BPSK	135	0	17.96	18.03	17.65	19.3
100		135	69	17.83	17.92	17.61	19.3
100		135	138	17.81	18.08	17.74	19.3
100		270	0	17.76	18.1	17.62	19.3
100		1	1	17.92	18.01	17.66	19.3
100		1	137	17.96	18.03	17.74	19.3
100		1	271	17.99	18	17.66	19.3
100	QPSK	135	0	17.87	18.03	17.64	19.3
100		135	69	17.75	17.97	17.68	19.3
100		135	138	17.79	18	17.76	19.3
100		270	0	17.94	17.92	17.57	19.3
100	16QAM	1	1	17.95	17.9	17.8	19.3
100	64QAM	1	1	17.96	18.05	17.81	19.3
100	256QAM	1	1	17.88	18.01	17.8	19.3
Channel				649968	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.32	3840	3934.68	
90	Pi/2 BPSK	1	1	18.18	18.15	17.87	19.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3840	3938.49	
80	Pi/2 BPSK	1	1	18.23	18.11	17.93	19.3
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi/2 BPSK	1	1	18.25	18.14	17.94	19.3
Channel				649968	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3750.32	3840	3949.68	
60	Pi/2 BPSK	1	1	18.21	18.13	17.96	19.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3752.51	3840	3954.99	
50	Pi/2 BPSK	1	1	18.24	18.18	17.87	19.3
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3960	
40	Pi/2 BPSK	1	1	18.2	18.13	17.87	19.3
Channel				647968	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.32	3840	3964.68	
30	Pi/2 BPSK	1	1	18.27	18.16	17.92	19.3
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	Pi/2 BPSK	1	1	18.27	18.07	17.87	19.3
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi/2 BPSK	1	1	18.27	18.2	17.85	19.3
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi/2 BPSK	1	1	18.17	18.11	17.87	19.3
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	Pi/2 BPSK	1	1	18.24	18.17	17.82	19.3

<FR1 n78 (27O)_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3489.66		
100		1	1		15.82		16.3
100		1	137		15.77		16.3
100		1	271		15.76		16.3
100	Pi/2 BPSK	135	0		15.72		16.3
100		135	69		15.68		16.3
100		135	138		15.71		16.3
100		270	0		15.72		16.3
100		1	1		15.73		16.3
100		1	137		15.84		16.3
100		1	271		15.87		16.3
100	QPSK	135	0		15.73		16.3
100		135	69		15.85		16.3
100		135	138		15.74		16.3
100		270	0		15.91		16.3
100	16QAM	1	1		15.78		16.3
100	64QAM	1	1		15.72		16.3
100	256QAM	1	1		15.76		16.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3534.99	
90	Pi/2 BPSK	1	1	15.72	15.84	15.78	16.3
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3489.66	3512	
80	Pi/2 BPSK	1	1	15.69	15.8	15.7	16.3
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3486.01	3489.66	3514.98	
70	Pi/2 BPSK	1	1	15.63	15.81	15.65	16.3
Channel				633000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3518.99	
60	Pi/2 BPSK	1	1	15.62	15.83	15.64	16.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3477.02	3489.66	3523	
50	Pi/2 BPSK	1	1	15.57	15.75	15.76	16.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3479.01	3489.66	3529.98	
40	Pi/2 BPSK	1	1	15.71	15.83	15.7	16.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3534.99	
30	Pi/2 BPSK	1	1	15.69	15.74	15.75	16.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3482.31	3489.66	3537.48	
25	Pi/2 BPSK	1	1	15.66	15.82	15.76	16.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3480.02	3489.66	3540	
20	Pi/2 BPSK	1	1	15.69	15.74	15.73	16.3
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3477.5	3489.66	3542.48	
15	Pi/2 BPSK	1	1	15.7	15.8	15.73	16.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3489.66	3544.98	
10	Pi/2 BPSK	1	1	15.69	15.71	15.65	16.3

<FR1 n78 (27O)_HPUE_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.71		16.3
100		1	137		15.6		16.3
100		1	271		16.43		16.3
100		135	0		16.59		16.3
100		135	69		16.54		16.3
100		135	138		16.52		16.3
100		270	0		16.52		16.3
100	QPSK	1	0		16.7		16.3
100		1	137		16.57		16.3
100		1	271		16.63		16.3
100		135	0		16.69		16.3
100		135	69		16.67		16.3
100		135	138		16.6		16.3
100		270	0		16.59		16.3
100	16QAM	1	1		16.56		16.3
100	64QAM	1	1		16.62		16.3
100	256QAM	1	1		16.56		16.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.62	16.56	16.62	16.3
Channel				633666	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3496.02	3499.98	3504	
80	PI/2 BPSK	1	1	16.53	16.5	16.61	16.3
Channel				633334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.51	16.48	16.49	16.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.6	16.52	16.59	16.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3499.98	3520	
50	PI/2 BPSK	1	1	16.51	16.45	16.5	16.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.56	16.54	16.56	16.3
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.52	16.48	16.52	16.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3462.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.6	16.47	16.52	16.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.59	16.52	16.54	16.3
Channel				630000	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.1	3499.98	3542.48	
15	PI/2 BPSK	1	1	16.57	16.43	16.46	16.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.3	16.52	16.54	16.3

<FR1 n78 (27O)_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					636000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.7		16.3
100		1	137		15.62		16.3
100		1	271		15.65		16.3
100		135	0		15.55		16.3
100		135	69		15.68		16.3
100		135	138		15.55		16.3
100		270	0		15.55		16.3
100	QPSK	1	1		15.55		16.3
100		1	137		15.52		16.3
100		1	271		15.71		16.3
100		135	0		15.5		16.3
100		135	69		15.48		16.3
100		135	138		15.55		16.3
100		270	0		15.6		16.3
100	16QAM	1	1		15.7		16.3
100	64QAM	1	1		15.67		16.3
100	256QAM	1	1		15.48		16.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
99	PI/2 BPSK	1	1	15.7	15.67	15.48	16.3
Channel				648334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3756.96	
89	PI/2 BPSK	1	1	15.6	15.65	15.42	16.3
Channel				648000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3740	3750	3760	
79	PI/2 BPSK	1	1	15.64	15.63	15.44	16.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
69	PI/2 BPSK	1	1	15.63	15.64	15.38	16.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3756.96	
59	PI/2 BPSK	1	1	15.67	15.65	15.45	16.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3740	3750	3760	
49	PI/2 BPSK	1	1	15.59	15.61	15.4	16.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
39	PI/2 BPSK	1	1	15.63	15.6	15.34	16.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3713.5	3750	3786.5	
29	PI/2 BPSK	1	1	15.66	15.54	15.41	16.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3713.51	3750	3786.96	
20	PI/2 BPSK	1	1	15.6	15.59	15.42	16.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.6	15.64	15.44	16.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.67	15.61	15.37	16.3

<FR1 n78 (27O)_HPUE_Ant9_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel					636000	
Frequency (MHz)					3750	
100	PI/2 BPSK	1	1		16.33	
100		1	137		17.98	
100		1	271		17.91	
100		135	0		17.93	
100		135	69		18.03	
100		135	138		17.89	
100		270	0		18.05	
100	QPSK	1	1		17.87	
100		1	137		17.91	
100		1	271		17.99	
100		135	0		17.93	
100		135	69		17.99	
100		135	138		18.04	
100		270	0		18.02	
100	16QAM	1	1		17.95	
100	64QAM	1	1		17.9	
100	256QAM	1	1		17.9	
Channel				648668	650000	651332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	17.9	18.04	18.04
Channel				648334	650000	651666
Frequency (MHz)				3743.01	3750	3756.99
80	PI/2 BPSK	1	1	17.88	18.03	17.95
Channel				648000	650000	651000
Frequency (MHz)				3740	3750	3760
70	PI/2 BPSK	1	1	17.79	17.93	17.86
Channel				648668	650000	651332
Frequency (MHz)				3745.02	3750	3754.98
60	PI/2 BPSK	1	1	17.76	18.01	17.94
Channel				648334	650000	651666
Frequency (MHz)				3743.01	3750	3756.99
50	PI/2 BPSK	1	1	17.81	18.02	18.01
Channel				648000	650000	652000
Frequency (MHz)				3740	3750	3760
40	PI/2 BPSK	1	1	17.68	17.93	17.94
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	PI/2 BPSK	1	1	17.66	17.91	17.95
Channel				647500	650000	652500
Frequency (MHz)				3713.5	3750	3787.5
25	PI/2 BPSK	1	1	17.65	18.01	17.92
Channel				647334	650000	652666
Frequency (MHz)				3713.51	3750	3786.99
20	PI/2 BPSK	1	1	17.66	18.01	18.01
Channel				647168	650000	652832
Frequency (MHz)				3707.52	3750	3792.48
15	PI/2 BPSK	1	1	17.79	17.94	17.96
Channel				647000	650000	653000
Frequency (MHz)				3705	3750	3795
10	PI/2 BPSK	1	1	17.63	17.9	18

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<FR1 n38_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	16.2	16.25	16.19	17.2
40		1	53	16.06	16.24	16.07	17.2
40		1	104	15.68	15.86	15.77	17.2
40	PI/2 BPSK	50	0	16.06	16.22	16.05	17.2
40		50	28	16.15	16.24	16.02	17.2
40		50	56	16.1	16.22	16.09	17.2
40		100	0	16.06	16.16	16.1	17.2
40		1	1	16.17	16.34	16.19	17.2
40		1	53	15.79	15.93	15.73	17.2
40		1	104	16.09	16.07	16.09	17.2
40	QPSK	50	0	15.83	16.1	15.91	17.2
40		50	28	16.1	16.23	16.05	17.2
40		50	56	16.1	16.28	16.1	17.2
40		100	0	16.04	16.19	16.1	17.2
40	16QAM	1	1	15.95	16.03	15.95	17.2
40	64QAM	1	1	15.89	16.06	15.95	17.2
40	256QAM	1	1	16.15	16.25	16.09	17.2
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	16.19	16.11	16.1	17.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.3	2590	2597.3	
20	PI/2 BPSK	1	1	16.11	16.14	16.09	17.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2590	2600	
20	PI/2 BPSK	1	1	16.16	16.17	16.04	17.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2587.5	2590	2602.5	
15	PI/2 BPSK	1	1	16.09	16.19	16.13	17.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	16.11	16.16	16.16	17.2

<FR1 n41_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.2	16.27	16.28	17.2
100		1	137	15.78	16.05	15.87	17.2
100	PI/2 BPSK	1	271	16.09	16.25	16.2	17.2
100		135	0	16.1	16.19	16.09	17.2
100		135	69	16.07	16.25	16.22	17.2
100		135	138	16.09	16.21	16.18	17.2
100		270	0	16.13	16.23	16.1	17.2
100		1	1	16.04	16.24	16.12	17.2
100		1	137	16.13	16.29	16.28	17.2
100		1	271	16.15	16.31	16.23	17.2
100	QPSK	135	0	15.95	16.09	16.04	17.2
100		135	69	16.14	16.26	16.23	17.2
100		135	138	16.17	16.35	16.26	17.2
100		270	0	16.08	16.22	16.19	17.2
100	16QAM	1	1	16.2	16.27	16.27	17.2
100	64QAM	1	1	16.13	16.28	16.21	17.2
100	256QAM	1	1	15.76	15.91	15.85	17.2
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.08	16.16	16.15	17.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.1	16.13	16.24	17.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.08	16.23	16.24	17.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.25	16.16	17.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.08	16.18	16.14	17.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.14	16.14	16.23	17.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.14	16.18	16.17	17.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.07	16.24	16.16	17.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.09	16.14	16.23	17.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.11	16.25	16.17	17.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.09	16.23	16.15	17.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.25	16.15	17.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.09	16.13	16.14	17.2

<FR1 n41_HPUE_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.43	19.37	19.45	20.2
100		1	137	19.21	19.41	19.19	20.2
100	PI/2 BPSK	1	271	19.19	19.36	19.19	20.2
100		135	0	18.98	19.36	19.09	20.2
100		135	69	19.15	19.41	19.26	20.2
100		135	138	19.26	19.49	19.25	20.2
100		270	0	19.21	19.39	19.18	20.2
100		1	1	19.14	19.39	19.02	20.2
100		1	137	19.21	19.37	19.21	20.2
100		1	271	19.39	19.55	19.37	20.2
100	QPSK	135	0	19.14	19.36	19.1	20.2
100		135	69	19.01	19.28	19.09	20.2
100		135	138	19.13	19.41	19.21	20.2
100		270	0	19.03	19.27	19.09	20.2
100	16QAM	1	1	19.03	19.21	19.06	20.2
100	64QAM	1	1	19.1	19.32	19.09	20.2
100	256QAM	1	1	19.29	19.44	19.29	20.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.32	19.45	19.34	20.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.36	19.38	19.38	20.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.38	19.52	19.32	20.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.38	19.48	19.37	20.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.39	19.55	19.35	20.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.38	19.43	19.41	20.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.35	19.54	19.39	20.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.3	19.48	19.31	20.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.42	19.52	19.34	20.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.35	19.49	19.42	20.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.38	19.47	19.43	20.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.34	19.44	19.31	20.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.38	19.54	19.41	20.2

<FR1 n38_Ant5_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2620	
40		1	1	15.66	15.74	15.61	16.2
40		1	53	15.06	15.17	15.01	16.2
40		1	104	15.09	15.25	15.02	16.2
40	PI/2 BPSK	50	0	15.01	15.02	15.06	16.2
40		50	28	15.38	15.47	15.35	16.2
40		50	56	15.06	15.22	15.01	16.2
40		100	0	15.09	15.3	15.14	16.2
40		1	1	13.54	15.19	14.95	16.2
40		1	53	14.69	14.91	14.65	16.2
40		1	104	15.32	15.01	15.09	16.2
40	QPSK	50	0	14.71	14.91	14.67	16.2
40		50	28	14.87	14.98	14.72	16.2
40		50	56	15.45	15.66	15.46	16.2
40		100	0	15.01	15.24	15	16.2
40	16QAM	1	1	14.6	14.82	14.56	16.2
40	64QAM	1	1	13.53	15.75	15.5	16.2
40	256QAM	1	1	14.92	15.02	14.83	16.2
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
39	PI/2 BPSK	1	1	15.6	15.62	15.49	16.2
Channel				516000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.2	2590	2597.2	
20	PI/2 BPSK	1	1	15.53	15.66	15.53	16.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	15.61	15.61	15.55	16.2
Channel				515200	519000	522800	Tune-up Limit (dBm)
Frequency (MHz)				2577.2	2590	2602.8	
15	PI/2 BPSK	1	1	15.54	15.69	15.52	16.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	15.61	15.63	15.59	16.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.94	16.02	15.93	16.7
100		1	137	15.37	15.6	15.46	16.7
100		1	271	15.75	15.82	15.79	16.7
100	PI/2 BPSK	135	0	15.69	15.85	15.78	16.7
100		135	69	15.71	15.87	15.74	16.7
100		135	138	15.82	15.81	15.81	16.7
100		270	0	15.68	15.87	15.68	16.7
100		1	1	15.33	15.69	15.54	16.7
100		1	137	15.61	15.87	15.68	16.7
100		1	271	15.72	15.93	15.73	16.7
100	QPSK	135	0	15.54	15.77	15.58	16.7
100		135	69	15.59	15.75	15.6	16.7
100		135	138	15.71	15.89	15.69	16.7
100		270	0	15.57	15.74	15.54	16.7
100	16QAM	1	1	15.68	15.94	15.83	16.7
100	64QAM	1	1	15.73	15.94	15.73	16.7
100	256QAM	1	1	15.52	15.74	15.54	16.7
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.83	15.88	15.81	16.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.86	15.92	15.85	16.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.8	15.97	15.86	16.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.85	15.92	15.87	16.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.8	16.01	15.85	16.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.49	
45	PI/2 BPSK	1	1	15.83	15.99	15.79	16.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.86	16.01	15.91	16.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.86	15.94	15.82	16.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.88	15.93	15.79	16.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.78	15.96	15.79	16.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.79	15.94	15.79	16.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.67	15.87	15.79	16.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.79	15.94	15.77	16.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.67	16.93	16.92	19.7
100		1	137	16.72	16.98	16.91	19.7
100		1	271	16.8	16.98	16.77	19.7
100	PI/2 BPSK	135	0	16.68	16.86	16.73	19.7
100		135	69	16.63	19.01	16.75	19.7
100		135	138	16.45	16.7	16.57	19.7
100		270	0	16.62	16	16.77	19.7
100		1	1	16.01	16.76	16.59	19.7
100		1	137	16.52	16.71	16.58	19.7
100		1	271	16.7	16.73	16.46	19.7
100	QPSK	135	0	16.5	16.8	16.58	19.7
100		135	69	16.55	16.85	16.71	19.7
100		135	138	16.49	16.79	16.64	19.7
100		270	0	16.66	19.05	16.67	19.7
100	16QAM	1	1	16.71	16.9	16.75	19.7
100	64QAM	1	1	16.41	16.89	16.48	19.7
100	256QAM	1	1	16.63	16.89	16.67	19.7
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.63	16.98	16.87	19.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.75	16.99	16.89	19.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.66	16.9	16.84	19.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.62	19.01	16.76	19.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.65	16.92	16.85	19.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.49	
45	PI/2 BPSK	1	1	16.76	16.9	16.9	19.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.73	16.9	16.82	19.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	16.92	16.87	19.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.76	16.89	16.86	19.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.84	16.93	16.83	19.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.73	19	16.84	19.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.65	16.96	16.83	19.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.82	16.9	16.8	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2620	
40		1	1	22.56	22.53	22.41	23.2
40		1	53	22.2	22.01	22.37	23.2
40		1	104	22.07	22.38	22.16	23.2
40	PI/2 BPSK	50	0	21.7	21.66	21.81	22.7
40		50	28	22.24	22.5	22.25	23.2
40		50	56	21.56	21.79	21.57	22.7
40		100	0	21.63	21.65	21.67	22.7
40		1	1	22.14	22.35	22.2	23.2
40		1	53	22.07	22.36	22.19	23.2
40		1	104	21.97	22.16	21.97	23.2
40	QPSK	50	0	21.15	21.37	21.17	22.2
40		50	28	22.01	22.33	22.12	23.2
40		50	56	21.09	21.35	21.16	22.2
40		100	0	21.18	21.39	21.26	22.2
40	16QAM	1	1	21.02	21.22	21.01	22.2
40	64QAM	1	1	18.58	19.76	18.52	20.7
40	256QAM	1	1	17.45	17.71	17.5	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	22.33	22.39	22.32	23.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.3	2580	2607.3	
20	PI/2 BPSK	1	1	22.28	22.61	22.28	23.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	22.26	22.42	22.36	23.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2580	2613.3	
15	PI/2 BPSK	1	1	22.31	22.44	22.34	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2610	
10	PI/2 BPSK	1	1	22.22	22.47	22.27	23.2

<FR1 n41_Ant6_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526390	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.29	23.58	23.31	24
100		1	137	22.99	23.3	22.99	24
100		1	271	23.1	23.56	23.22	24
100	PI/2 BPSK	135	0	22.79	23.25	22.93	24
100		135	69	22.98	23.47	23.19	24
100		135	138	23.02	23.45	23.1	24
100		270	0	22.86	23.31	22.96	24
100		1	1	22.91	23.24	22.93	24
100		1	137	22.74	23.22	22.92	24
100		1	271	23	23.43	23.03	24
100	QPSK	135	0	22.73	23.12	22.8	24
100		135	69	22.73	23.19	22.83	24
100		135	138	22.83	23.3	22.99	24
100		270	0	22.88	23.29	22.91	24
100	16QAM	1	1	22.75	23.13	22.8	24
100	64QAM	1	1	22.08	22.96	22.67	23.5
100	256QAM	1	1	19.91	19.59	19.5	21.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2641.98	
90	PI/2 BPSK	1	1	23.1	23.56	23.19	24
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.16	23.52	23.24	24
Channel				506302	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.16	23.46	23.24	24
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.12	23.45	23.17	24
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.04	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.17	23.44	23.3	24
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.08	23.43	23.22	24
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.44	23.3	24
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.47	23.26	24
Channel				502202	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.2	23.53	23.2	24
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.06	23.47	23.24	24
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.14	23.48	23.3	24
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.15	23.54	23.19	24
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.1	23.53	23.27	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526390	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	24.31	24.55	24.4	25
100		1	137	23.91	24.32	24.05	25
100		1	271	23.99	23.97	23.99	25
100	PI/2 BPSK	135	0	23.82	24.3	24.11	24.5
100		135	69	24.08	24.4	24.11	25
100		135	138	24.12	24.4	24.11	24.5
100		270	0	24.02	24.27	24.05	24.5
100		1	1	24	24.3	24.04	25
100		1	137	23.85	24.21	23.93	25
100		1	271	24.1	24.45	24.29	25
100	QPSK	135	0	23.36	23.6	23.4	24
100		135	69	23.8	24.07	23.83	25
100		135	138	23.52	23.82	23.65	24
100		270	0	23.52	23.89	23.65	24
100	16QAM	1	1	23.42	23.72	23.53	24
100	64QAM	1	1	21.74	22	21.79	22.5
100	256QAM	1	1	19.83	20.07	19.84	20.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.3	24.48	24.33	25
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.24	24.49	24.3	25
Channel				506302	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.16	24.42	24.35	25
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.42	24.3	25
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.04	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.25	24.51	24.36	25
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.26	24.5	24.3	25
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.23	24.48	24.27	25
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.3	24.54	24.38	25
Channel				502202	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.21	24.46	24.3	25
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.19	24.51	24.36	25
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.22	24.53	24.33	25
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.27	24.46	24.33	25
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.19	24.42	24.3	25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	17.63	17.63	17.67	18.2
40		1	53	17.58	17.61	17.79	18.2
40		1	104	17.73	17.93	17.9	18.2
40	PI/2 BPSK	50	0	17.75	17.87	17.96	18.2
40		50	28	17.7	17.9	17.99	18.2
40		50	56	17.67	17.9	17.93	18.2
40		100	0	17.76	17.96	18	18.2
40		1	1	17.59	17.62	17.95	18.2
40		1	53	17.72	17.95	17.92	18.2
40		1	104	17.62	17.99	17.94	18.2
40	QPSK	50	0	17.6	17.79	17.75	18.2
40		50	28	17.64	17.86	17.88	18.2
40		50	56	17.69	17.9	17.79	18.2
40		100	0	17.6	17.85	17.85	18.2
40	16QAM	1	1	17.81	17.95	17.95	18.2
40	64QAM	1	1	17.62	17.87	17.92	18.2
40	256QAM	1	1	16.15	16.28	16.24	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	17.71	17.88	17.85	18.2
Channel				510500	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2590	2597.5	
25	PI/2 BPSK	1	1	17.74	17.88	17.83	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	17.81	17.8	17.86	18.2
Channel				510250	516000	522250	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	17.72	17.83	17.92	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	17.71	17.88	17.94	18.2

<FR1 n41_Ant7_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.94	17.32	17.14	18
100		1	137	16.84	17.3	16.94	18
100		1	271	16.73	17.39	16.93	18
100	PI/2 BPSK	135	0	16.73	17.44	16.89	18
100		135	69	16.67	17.52	17.07	18
100		135	138	16.78	17.5	16.99	18
100		270	0	16.66	17.49	17.03	18
100		1	1	16.71	17.38	16.91	18
100		1	137	16.75	17.43	16.93	18
100		1	271	16.73	17.45	16.99	18
100	QPSK	135	0	16.69	17.37	16.85	18
100		135	69	16.69	17.44	16.98	18
100		135	138	16.79	17.53	17	18
100		270	0	16.64	17.5	17	18
100	16QAM	1	1	16.65	17.38	16.91	18
100	64QAM	1	1	16.7	17.44	16.99	18
100	256QAM	1	1	15.68	16.38	15.93	17
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.88	17.49	17.12	18
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.8	17.47	17.01	18
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.82	17.49	17.05	18
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.84	17.41	16.99	18
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.8	17.48	17.06	18
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.88	17.41	17.12	18
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2515.51	2592.99	2670	
40	PI/2 BPSK	1	1	16.84	17.52	17.1	18
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	17.43	17.13	18
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.8	17.54	17.04	18
Channel				501702	518598	535302	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.86	17.41	17.01	18
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.86	17.46	17.08	18
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.87	17.46	17.04	18
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.89	17.46	17.08	18

<FR1 n41_HPUE_Ant7_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.02	20.7	20.45	21
100		1	137	20.08	20.36	20.01	21
100		1	271	20.14	20.46	20.19	21
100	PI/2 BPSK	135	0	20.25	20.55	20.26	21
100		135	69	20.36	20.58	20.3	21
100		135	138	20.27	20.54	20.22	21
100		270	0	20.06	20.33	19.98	21
100		1	1	20.19	20.48	20.12	21
100		1	137	20.18	20.47	20.13	21
100		1	271	20.2	20.41	20.1	21
100	QPSK	135	0	20.17	20.45	20.06	21
100		135	69	20.25	20.58	20.26	21
100		135	138	20.31	20.62	20.29	21
100		270	0	19.98	20.23	19.91	21
100	16QAM	1	1	20.26	20.57	20.19	21
100	64QAM	1	1	20.4	20.7	20.41	21
100	256QAM	1	1	19.24	19.55	19.3	20
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.49	20.58	20.3	21
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.36	20.68	20.31	21
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.46	20.67	20.42	21
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.48	20.65	20.35	21
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.42	20.6	20.37	21
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.45	20.58	20.34	21
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2515.51	2592.99	2670	
40	PI/2 BPSK	1	1	20.47	20.68	20.32	21
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.44	20.58	20.41	21
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.48	20.6	20.34	21
Channel				501702	518598	535302	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.5	20.58	20.35	21
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.43	20.56	20.31	21
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.38	20.66	20.41	21
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.49	20.63	20.43	21

<FR1 n5_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	25.43	25.42	25.41	25.7
20		1	53	25.27	25.44	25.25	25.7
20		1	104	25.4	25.43	25.36	25.7
20		50	0	24.66	24.67	24.64	25.2
20		50	28	25.29	25.44	25.37	25.7
20		50	56	24.79	24.87	24.75	25.2
20		100	0	24.61	24.65	24.61	25.2
20	QPSK	1	1	25.27	25.42	25.37	25.7
20		1	53	25.25	25.4	25.22	25.7
20		1	104	25.21	25.36	25.26	25.7
20		50	0	24.29	24.44	24.36	24.7
20		50	28	25.37	25.4	25.33	25.7
20		50	56	24.26	24.38	24.2	24.7
20		100	0	24.32	24.46	24.34	24.7
20	16QAM	1	1	24.29	24.38	24.32	24.7
20	64QAM	1	1	22.73	22.8	22.62	23.2
20	256QAM	1	1	20.64	20.67	20.78	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.37	25.43	25.36	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.35	25.33	25.35	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.4	25.32	25.34	25.7

<FR1 n12_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.29	24.31	24.33	24.7
15		1	40	24.06	24.28	24.17	24.7
15		1	77	23.94	24.17	23.97	24.7
15		36	0	24.03	24.19	24.1	24.7
15		36	22	24.18	24.29	24.1	24.7
15		36	43	24.07	24.22	24.05	24.7
15		75	0	24.03	24.23	24.02	24.7
15	QPSK	1	1	24.04	24.24	24.09	24.7
15		1	40	24.11	24.23	24.07	24.7
15		1	77	24.18	24.36	24.15	24.7
15		36	0	24.14	24.29	24.18	24.7
15		36	22	24.07	24.18	23.96	24.7
15		36	43	23.93	24.16	23.99	24.7
15		75	0	24.01	24.2	23.88	24.7
15	16QAM	1	1	23.95	24.14	24.01	24.7
15	64QAM	1	1	22.55	22.76	22.58	23.2
15	256QAM	1	1	20.59	20.72	20.58	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.14	24.32	24.18	24.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.06	24.21	24.15	24.7

<FR1 n26_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	25.29	25.43	25.33	25.7
20		1	53	25.11	25.4	25.18	25.7
20		1	104	25.06	25.31	25.14	25.7
20		50	0	24.69	24.87	24.66	25.2
20		50	28	25.24	25.4	25.28	25.7
20		50	56	24.68	24.87	24.71	25.2
20		100	0	24.7	24.9	24.72	25.2
20	QPSK	1	1	25.16	25.39	25.1	25.7
20		1	53	25.08	25.29	25.08	25.7
20		1	104	25.09	25.39	25.07	25.7
20		50	0	24.23	24.38	24.14	24.7
20		50	28	25.19	25.39	25.2	25.7
20		50	56	24.15	24.35	24.14	24.7
20		100	0	24.14	24.4	24.27	24.7
20	16QAM	1	1	24.11	24.28	24.08	24.7
20	64QAM	1	1	22.3	22.72	22.6	23.2
20	256QAM	1	1	20.54	20.75	20.64	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.24	25.33	25.29	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.17	25.37	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.16	25.42	25.27	25.7

<FR1 n5_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	21.9	21.94	21.92	22.2
20		1	53	21.72	21.68	21.68	22.2
20		1	104	21.72	21.8	21.76	22.2
20	PI/2 BPSK	50	0	21.55	21.55	21.4	22.2
20		50	28	21.75	21.86	21.82	22.2
20		50	56	21.29	21.25	21.21	22.2
20		100	0	21.34	21.34	21.28	22.2
20		1	1	21.75	21.81	21.76	22.2
20		1	53	21.89	21.92	21.95	22.2
20		1	104	21.65	21.72	21.77	22.2
20	QPSK	50	0	21.52	21.56	21.55	22.2
20		50	28	21.55	21.62	21.56	22.2
20		50	56	21.67	21.66	21.65	22.2
20		100	0	21.66	21.68	21.63	22.2
20	16QAM	1	1	21.48	21.49	21.46	22.2
20	64QAM	1	1	21.8	21.81	21.81	22.2
20	256QAM	1	1	20.52	20.5	20.48	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.83	21.8	21.79	22.2
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.76	21.71	21.85	22.2
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.76	21.73	21.84	22.2

<FR1 n12_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	21.35	21.47	21.3	21.7
15		1	40	21.15	21.33	21.1	21.7
15	PI/2 BPSK	1	77	21.17	21.34	21.1	21.7
15		36	0	21.32	21.36	21.26	21.7
15		36	22	21.3	21.41	21.31	21.7
15		36	43	21.13	21.37	21.07	21.7
15		75	0	21.21	21.4	21.2	21.7
15		1	1	21.23	21.37	21.09	21.7
15		1	40	21.15	21.32	21.1	21.7
15		1	77	21.23	21.39	21.16	21.7
15	QPSK	36	0	21.16	21.34	21.1	21.7
15		36	22	21.14	21.33	21.03	21.7
15		36	43	21.13	21.3	21.03	21.7
15		75	0	21.13	21.36	21.05	21.7
15	16QAM	1	1	21.24	21.41	21.22	21.7
15	64QAM	1	1	21.12	21.38	21.09	21.7
15	256QAM	1	1	20.01	20.83	20.65	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				706	707.5	711	
10	PI/2 BPSK	1	1	21.22	21.41	21.25	21.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				705.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.23	21.45	21.18	21.7

<FR1 n26_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	21.89	21.95	21.9	22.2
20		1	53	21.78	21.9	21.78	22.2
20		1	104	21.84	21.75	21.58	22.2
20	PI/2 BPSK	50	0	21.71	21.82	21.74	22.2
20		50	28	21.77	21.91	21.81	22.2
20		50	56	21.55	21.63	21.45	22.2
20		100	0	21.51	21.62	21.57	22.2
20		1	1	21.75	21.88	21.76	22.2
20		1	53	21.76	21.9	21.82	22.2
20		1	104	21.59	21.79	21.67	22.2
20	QPSK	50	0	21.71	21.81	21.71	22.2
20		50	28	21.64	21.78	21.58	22.2
20		50	56	21.71	21.78	21.63	22.2
20		100	0	21.68	21.88	21.74	22.2
20	16QAM	1	1	21.64	21.81	21.69	22.2
20	64QAM	1	1	21.58	21.79	21.68	22.2
20	256QAM	1	1	20.71	20.83	20.7	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.77	21.93	21.85	22.2
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.75	21.89	21.88	22.2
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.81	21.95	21.8	22.2

<FR1 n2_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.31	20.35	20.27	20.7
40		1	108	20.01	20.2	19.99	20.7
40		1	214	20.24	20.3	20.11	20.7
40	PI/2 BPSK	108	0	20.24	20.31	20.11	20.7
40		108	54	20.14	20.33	20.23	20.7
40		108	108	20.13	20.28	20.09	20.7
40		216	0	20.09	20.17	20	20.7
40		1	1	19.99	20.13	19.92	20.7
40		1	108	20.19	20.24	20.11	20.7
40		1	214	20.01	20.17	20.05	20.7
40	QPSK	108	0	20.06	20.22	20.1	20.7
40		108	54	20.09	20.18	20.06	20.7
40		108	108	20.2	20.32	20.16	20.7
40		216	0	20.18	20.27	20.04	20.7
40	16QAM	1	1	20.07	20.23	20.13	20.7
40	64QAM	1	1	20.16	20.34	20.18	20.7
40	256QAM	1	1	20.24	20.3	20.12	20.7
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.16	20.23	20.26	20.7
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.21	20.3	20.12	20.7
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.28	20.28	20.17	20.7
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.18	20.21	20.25	20.7
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.18	20.32	20.23	20.7
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.18	20.33	20.23	20.7
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.26	20.24	20.23	20.7

<FR1 n7_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.93	18.06	17.91	18.2
50		1	135	17.77	18.04	17.82	18.2
50		1	268	17.64	17.84	17.6	18.2
50	PI/2 BPSK	135	0	17.72	17.97	17.8	18.2
50		135	68	17.74	17.99	17.8	18.2
50		135	135	17.76	17.91	17.62	18.2
50		270	0	17.65	17.86	17.64	18.2
50		1	1	17.69	17.84	17.63	18.2
50		1	135	17.73	17.9	17.72	18.2
50		1	268	17.75	17.94	17.69	18.2
50	QPSK	135	0	17.9	18.05	17.88	18.2
50		135	68	17.8	17.95	17.74	18.2
50		135	135	17.8	18	17.81	18.2
50		270	0	17.73	17.89	17.65	18.2
50	16QAM	1	1	17.61	17.88	17.65	18.2
50	64QAM	1	1	17.8	17.96	17.66	18.2
50	256QAM	1	1	17.86	18.03	17.78	18.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.9	17.91	17.81	18.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.84	17.99	17.77	18.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.91	17.91	17.82	18.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.88	17.91	17.79	18.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.78	18	17.87	18.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.79	17.92	17.77	18.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.9	18	17.78	18.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.92	17.96	17.83	18.2

<FR1 n25_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	20.23	20.3	20.29	20.7
40		1	108	20.07	20.17	20.01	20.7
40		1	214	20.17	20.28	20.23	20.7
40		108	0	20.06	20.24	20.19	20.7
40		108	54	20.08	20.28	20.14	20.7
40		108	108	20.12	20.22	20.16	20.7
40		216	0	20.11	20.25	20.16	20.7
40	QPSK	1	1	20.15	20.35	20.27	20.7
40		1	108	20.07	20.19	20.08	20.7
40		1	214	20.13	20.28	20.16	20.7
40		108	0	20.01	20.2	20.15	20.7
40		108	54	20.05	20.22	20.18	20.7
40		108	108	20.08	20.27	20.18	20.7
40		216	0	20.17	20.28	20.16	20.7
40	16QAM	1	1	20.11	20.25	20.1	20.7
40	64QAM	1	1	20.06	20.22	20.06	20.7
40	256QAM	1	1	19.98	20.15	20.13	20.7
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	20.21	20.24	20.17	20.7
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.21	20.18	20.25	20.7
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.1	20.17	20.27	20.7
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.15	20.2	20.16	20.7
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.22	20.25	20.28	20.7
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.09	20.25	20.17	20.7
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.14	20.17	20.2	20.7

<FR1 n66_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.5	18.52	18.45	18.7
45		1	120	18.23	18.39	18.19	18.7
45		1	240	18.14	18.26	18.11	18.7
45		120	0	18.27	18.42	18.22	18.7
45		120	60	18.43	18.49	18.39	18.7
45		120	120	18.12	18.24	18.05	18.7
45		240	0	18.29	18.35	18.2	18.7
45	QPSK	1	1	18.39	18.49	18.28	18.7
45		1	120	18.24	18.35	18.16	18.7
45		1	240	18.26	18.4	18.25	18.7
45		120	0	18.32	18.36	18.24	18.7
45		120	60	18.32	18.37	18.16	18.7
45		120	120	18.23	18.36	18.25	18.7
45		240	0	18.31	18.36	18.26	18.7
45	16QAM	1	1	18.21	18.31	18.2	18.7
45	64QAM	1	1	18.49	18.52	18.41	18.7
45	256QAM	1	1	18.4	18.43	18.24	18.7
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.39	18.45	18.43	18.7
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.47	18.41	18.43	18.7
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.4	18.42	18.31	18.7
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.43	18.43	18.33	18.7
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.39	18.47	18.33	18.7
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.39	18.48	18.4	18.7
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.48	18.48	18.42	18.7
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.42	18.43	18.43	18.7

<FR1 n38_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				516000	516030	520000	
Frequency [MHz]				2496	2499	2500	
40		1	1	17.3	17.26	17.32	17.7
40		1	53	16.46	17.14	16.98	17.7
40		1	104	17.11	17.27	17.23	17.7
40	PI/2 BPSK	50	0	17.12	17.23	17.14	17.7
40		50	26	17.21	17.33	17.18	17.7
40		50	56	17.16	17.2	17.12	17.7
40		100	0	17.12	17.26	17.12	17.7
40		1	1	17.21	17.15	16.98	17.7
40		1	53	17.12	17.23	17.06	17.7
40		1	104	17.17	17.29	17.16	17.7
40	QPSK	50	0	17.16	17.26	17.16	17.7
40		50	26	17.1	17.19	17.09	17.7
40		50	56	17.21	17.27	17.16	17.7
40		100	0	17.15	17.24	17.19	17.7
40	16QAM	1	1	17.03	17.15	17	17.7
40	64QAM	1	1	17.11	17.25	17.11	17.7
40	256QAM	1	1	17.09	17.27	17.17	17.7
Channel				517000	518030	521000	Tune-up Limit [dBm]
Frequency [MHz]				2499	2500	2503	
30	PI/2 BPSK	1	1	17.23	17.23	17.19	17.7
Channel				518020	518050	521300	Tune-up Limit [dBm]
Frequency [MHz]				2500.2	2503	2537.8	
25	PI/2 BPSK	1	1	17.24	17.27	17.24	17.7
Channel				518020	518050	521000	Tune-up Limit [dBm]
Frequency [MHz]				2500	2503	2510	
20	PI/2 BPSK	1	1	17.16	17.22	17.23	17.7
Channel				518000	518050	521000	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2503	2512.5	
15	PI/2 BPSK	1	1	17.25	17.25	17.28	17.7
Channel				518000	518050	521000	Tune-up Limit [dBm]
Frequency [MHz]				2517.5	2503	2515	
10	PI/2 BPSK	1	1	17.18	17.23	17.23	17.7

<FR1 n41_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				509202	510098	528000	
Frequency [MHz]				2498.01	2502.99	2640	
100		1	1	17.05	17.38	17.01	17.7
100		1	137	16.65	16.74	16.62	17.7
100		1	271	16.62	16.87	16.75	17.7
100	PI/2 BPSK	136	0	16.9	16.99	16.9	17.7
100		136	69	16.84	17.01	16.89	17.7
100		136	136	16.77	16.94	16.79	17.7
100		275	0	16.84	16.96	16.84	17.7
100		1	1	16.68	16.72	16.57	17.7
100		1	137	16.62	16.86	16.61	17.7
100		1	271	16.63	17.02	16.69	17.7
100	QPSK	136	0	16.8	16.74	16.65	17.7
100		136	69	16.81	17.08	16.94	17.7
100		136	136	17	17.07	16.95	17.7
100		275	0	16.86	16.93	16.85	17.7
100	16QAM	1	1	16.78	16.85	16.85	17.7
100	64QAM	1	1	16.69	17.05	16.9	17.7
100	256QAM	1	1	16.64	16.79	16.58	17.7
Channel				509250	510098	528096	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2644.96	
90	PI/2 BPSK	1	1	17.01	17.04	16.91	17.7
Channel				507204	510098	528096	Tune-up Limit [dBm]
Frequency [MHz]				2519.52	2502.99	2609.96	
80	PI/2 BPSK	1	1	17.02	17.03	16.94	17.7
Channel				509202	510098	511794	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2503	
70	PI/2 BPSK	1	1	16.81	17.02	16.92	17.7
Channel				509250	510098	511794	Tune-up Limit [dBm]
Frequency [MHz]				2506	2502.99	2509.98	
60	PI/2 BPSK	1	1	17.02	16.96	16.94	17.7
Channel				509298	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2502.52	2502.99	2504.99	
50	PI/2 BPSK	1	1	16.99	16.94	16.92	17.7
Channel				509790	510098	510198	Tune-up Limit [dBm]
Frequency [MHz]				2513.9	2502.99	2507.49	
45	PI/2 BPSK	1	1	16.87	17.02	16.99	17.7
Channel				509202	510098	510198	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2507.5	
40	PI/2 BPSK	1	1	16.86	16.97	16.89	17.7
Channel				509754	510098	510498	Tune-up Limit [dBm]
Frequency [MHz]				2511.52	2502.99	2512.49	
35	PI/2 BPSK	1	1	16.84	16.93	16.86	17.7
Channel				509298	510098	510498	Tune-up Limit [dBm]
Frequency [MHz]				2511	2502.99	2512.49	
30	PI/2 BPSK	1	1	17.02	17.01	16.97	17.7
Channel				509754	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2506.51	2502.99	2507.5	
25	PI/2 BPSK	1	1	17.02	17.01	16.92	17.7
Channel				509754	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2506.52	2502.99	2507.5	
20	PI/2 BPSK	1	1	17.01	17.04	16.97	17.7
Channel				509790	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2502.99	2507.49	
15	PI/2 BPSK	1	1	17.02	16.96	16.97	17.7
Channel				509202	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2507.5	
10	PI/2 BPSK	1	1	17.03	17.02	16.99	17.7

<FR1 n41_HPUE_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				509202	510098	528000	
Frequency [MHz]				2498.01	2502.99	2640	
100		1	1	20.5	20.57	20.46	21
100		1	137	20.2	20.31	20.06	21
100		1	271	20.26	20.42	20.17	21
100	PI/2 BPSK	136	0	20.22	20.37	20.15	21
100		136	69	20.42	20.53	20.33	21
100		136	136	20.31	20.43	20.26	21
100		275	0	20.3	20.43	20.3	21
100		1	1	20.43	20.53	20.26	21
100		1	137	20.31	20.39	20.22	21
100		1	271	20.27	20.4	20.27	21
100	QPSK	136	0	20.32	20.42	20.2	21
100		136	69	20.3	20.49	20.26	21
100		136	136	20.23	20.39	20.19	21
100		275	0	20.32	20.45	20.32	21
100	16QAM	1	1	20.26	20.38	20.13	21
100	64QAM	1	1	20.23	20.39	20.19	21
100	256QAM	1	1	20.21	20.38	20.2	21
Channel				509250	510098	528096	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2644.96	
90	PI/2 BPSK	1	1	20.45	20.52	20.32	21
Channel				507204	510098	528096	Tune-up Limit [dBm]
Frequency [MHz]				2519.52	2502.99	2609.96	
80	PI/2 BPSK	1	1	20.36	20.48	20.35	21
Channel				509202	510098	511794	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2503	
70	PI/2 BPSK	1	1	20.47	20.52	20.4	21
Channel				509250	510098	511794	Tune-up Limit [dBm]
Frequency [MHz]				2506	2502.99	2509.98	
60	PI/2 BPSK	1	1	20.49	20.54	20.36	21
Channel				509298	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2502.52	2502.99	2504.99	
50	PI/2 BPSK	1	1	20.43	20.49	20.37	21
Channel				509790	510098	510198	Tune-up Limit [dBm]
Frequency [MHz]				2513.9	2502.99	2507.49	
45	PI/2 BPSK	1	1	20.36	20.49	20.39	21
Channel				509202	510098	510198	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2507.5	
40	PI/2 BPSK	1	1	20.46	20.44	20.36	21
Channel				509754	510098	510498	Tune-up Limit [dBm]
Frequency [MHz]				2511.52	2502.99	2512.49	
35	PI/2 BPSK	1	1	20.4	20.5	20.42	21
Channel				509298	510098	510498	Tune-up Limit [dBm]
Frequency [MHz]				2511	2502.99	2512.49	
30	PI/2 BPSK	1	1	20.5	20.53	20.35	21
Channel				509754	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2506.51	2502.99	2507.5	
25	PI/2 BPSK	1	1	20.41	20.48	20.46	21
Channel				509754	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2506.52	2502.99	2507.5	
20	PI/2 BPSK	1	1	20.39	20.49	20.38	21
Channel				509790	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2502.99	2507.49	
15	PI/2 BPSK	1	1	20.36	20.5	20.34	21
Channel				509202	510098	510798	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2507.5	
10	PI/2 BPSK	1	1	20.38	20.53	20.36	21

<FR1 n46_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				636965	647999	649333	
Frequency (MHz)				5150	5423.99	5579.99	
40	PI/2 BPSK	1	1	16.66	16.67	16.81	16
40		1	53	16.68	16.66	16.55	16
40		1	104	16.76	16.8	16.71	16
40		50	0	16.67	16.63	16.75	16
40		50	28	16.8	16.85	16.77	16
40		50	56	16.79	16.83	16.65	16
40		100	0	16.68	16.79	16.72	16
40	QPSK	1	1	16.68	16.79	16.58	16
40		1	53	16.66	16.73	16.61	16
40		1	104	16.66	16.79	16.63	16
40		50	0	16.58	16.72	16.52	16
40		50	28	16.62	16.73	16.58	16
40		50	56	16.75	16.8	16.65	16
40		100	0	16.63	16.8	16.68	16
40	16QAM	1	1	16.67	16.8	16.65	16
40	64QAM	1	1	16.77	16.83	16.73	16
40	256QAM	1	1	16.73	16.88	16.69	16
Channel				637668	647999	649665	Tune-up Limit (dBm)
Frequency (MHz)				5942.2	5423.99	5589.99	
39	PI/2 BPSK	1	1	16.7	16.75	16.71	16
Channel				637334	647999	649333	Tune-up Limit (dBm)
Frequency (MHz)				5940.01	5423.99	5960	
28	PI/2 BPSK	1	1	16.91	16.85	16.76	16
Channel				637134	647999	649199	Tune-up Limit (dBm)
Frequency (MHz)				5937.02	5423.99	5952.49	
15	PI/2 BPSK	1	1	16.71	16.79	16.71	16
Channel				637000	647999	649333	Tune-up Limit (dBm)
Frequency (MHz)				5935	5423.99	5589.99	
10	PI/2 BPSK	1	1	16.81	16.73	16.76	16

<FR1 n77 (27Q)_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100	PI/2 BPSK	1	1		16.03		16.2
100		1	137		15.93		16.2
100		1	273		15.87		16.2
100		135	0		15.99		16.2
100		135	69		16.09		16.2
100		135	138		15.76		16.2
100		270	0		15.99		16.2
100	QPSK	1	1		15.93		16.2
100		1	137		15.88		16.2
100		1	273		15.93		16.2
100		135	0		15.93		16.2
100		135	69		15.95		16.2
100		135	138		15.36		16.2
100		270	0		15.98		16.2
100	16QAM	1	1		15.93		16.2
100	64QAM	1	1		15.96		16.2
100	256QAM	1	1		15.93		16.2
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.99	3504.99	
90	PI/2 BPSK	1	1	15.94	15.79	15.98	16.2
Channel				632988	633332	633632	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3509	
80	PI/2 BPSK	1	1	15.84	15.98	15.3	16.2
Channel				632784	633332	633732	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.99	
70	PI/2 BPSK	1	1	15.81	15.98	13.47	16.2
Channel				632556	633332	633996	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	15.85	15.98	15.51	16.2
Channel				631998	633332	634665	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3499.99	3529	
50	PI/2 BPSK	1	1	15.94	15.7	15.47	16.2
Channel				631668	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	15.88	15.79	15.48	16.2
Channel				631668	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3529.99	
30	PI/2 BPSK	1	1	15.92	15.85	15.48	16.2
Channel				630684	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.49	
25	PI/2 BPSK	1	1	15.83	15.73	15.64	16.2
Channel				630588	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	15.82	15.67	15.48	16.2
Channel				630336	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.99	3542.49	
15	PI/2 BPSK	1	1	15.92	15.82	15.3	16.2
Channel				630168	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	15.87	15.98	15.3	16.2

<FR1 n77 (27Q)_HPUE_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100	PI/2 BPSK	1	1		19.05		19.5
100		1	137		18.66		19.5
100		1	273		18.66		19.5
100		135	0		19.01		19.5
100		135	69		18.8		19.5
100		135	138		18.69		19.5
100		270	0		18.84		19.5
100	QPSK	1	1		18.66		19.5
100		1	137		18.64		19.5
100		1	273		18.79		19.5
100		135	0		18.64		19.5
100		135	69		18.99		19.5
100		135	138		19.02		19.5
100		270	0		18.93		19.5
100	16QAM	1	1		18.79		19.5
100	64QAM	1	1		18.82		19.5
100	256QAM	1	1		18.79		19.5
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.99	3504.99	
90	PI/2 BPSK	1	1	18.84	18.84	18.86	19.5
Channel				632988	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	18.73	18.81	18.62	19.5
Channel				632784	633332	633732	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.99	
70	PI/2 BPSK	1	1	18.82	18.72	18.75	19.5
Channel				632556	633332	633996	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	18.66	18.75	18.78	19.5
Channel				631998	633332	634665	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3499.99	3529	
50	PI/2 BPSK	1	1	18.75	18.69	18.66	19.5
Channel				631338	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3457.51	3499.99	3542.49	
40	PI/2 BPSK	1	1	18.72	18.62	18.67	19.5
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3445	3499.99	3554.99	
30	PI/2 BPSK	1	1	18.78	18.62	18.78	19.5
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3442.51	3499.99	3557.49	
25	PI/2 BPSK	1	1	18.74	18.7	18.77	19.5
Channel				630588	633332	636033	Tune-up Limit (dBm)
Frequency (MHz)				3440.02	3499.99	3560	
20	PI/2 BPSK	1	1	18.8	18.75	18.87	19.5
Channel				630336	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3437.5	3499.99	3562.49	
15	PI/2 BPSK	1	1	18.75	18.73	18.8	19.5
Channel				630168	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3435.01	3499.99	3564.99	
10	PI/2 BPSK	1	1	18.78	18.7	18.86	19.5

<FR1 n77 (27O)_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3730	3810	3890	
100		1	1	14.89	15.79	15.58	16.2
100		1	137	15.13	15.77	15.07	16.2
100		1	271	15.16	15.56	15.22	16.2
100		135	0	15.13	15.64	15.38	16.2
100		134	69	15.23	15.71	15.06	16.2
100		135	135	15.37	15.54	15.32	16.2
100		270	0	15.22	15.79	15.08	16.2
100		1	1	15.05	15.72	15.19	16.2
100		1	137	15.2	15.74	15.22	16.2
100		1	271	15.23	15.61	15.13	16.2
100		135	0	15.22	15.68	15.38	16.2
100		135	69	15.2	15.63	15.18	16.2
100		134	134	15.27	15.81	15.18	16.2
100		270	0	15.12	15.66	15.33	16.2
100	16QAM	1	1	15.27	15.98	15.28	16.2
100	64QAM	1	1	15.35	15.62	15.27	16.2
100	256QAM	1	1	15.14	15.76	15.08	16.2
Channel				649968	656000	662232	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3810	3870.96	
40	PI/2 BPSK	1	1	14.87	15.66	15.52	16.2
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743.01	3810	3878.99	
80	PI/2 BPSK	1	1	14.81	15.77	15.45	16.2
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743	3840	3938	
70	PI/2 BPSK	1	1	14.86	15.71	15.53	16.2
Channel				649268	656000	662732	Tune-up Limit [dBm]
Frequency [MHz]				3734.52	3840	3945.93	
60	PI/2 BPSK	1	1	14.82	15.69	15.62	16.2
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743.01	3840	3938.99	
50	PI/2 BPSK	1	1	14.81	15.71	15.8	16.2
Channel				649500	656000	662500	Tune-up Limit [dBm]
Frequency [MHz]				3748	3840	3932	
40	PI/2 BPSK	1	1	14.8	15.74	15.5	16.2
Channel				647998	656000	664002	Tune-up Limit [dBm]
Frequency [MHz]				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.8	15.68	15.61	16.2
Channel				647500	656000	664502	Tune-up Limit [dBm]
Frequency [MHz]				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.87	15.74	15.56	16.2
Channel				647334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.8	15.67	15.58	16.2
Channel				647168	656000	664832	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.83	15.71	15.53	16.2
Channel				647000	656000	665000	Tune-up Limit [dBm]
Frequency [MHz]				3705	3840	3975	
10	PI/2 BPSK	1	1	14.81	15.68	15.51	16.2

<FR1 n77 (27O)_HPUE_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3730	3810	3890	
100		1	1	18.26	19.42	19.12	19.5
100		1	137	18.18	18.82	17.9	19.5
100		1	271	18.23	18.6	17.89	19.5
100	PI/2 BPSK	135	0	18.18	18.72	17.86	19.5
100		135	69	18.33	18.6	17.94	19.5
100		135	135	18.32	18.6	17.86	19.5
100		270	0	18.16	18.77	17.91	19.5
100		1	1	18.24	18.8	18.02	19.5
100		1	137	18.22	18.77	17.94	19.5
100		1	271	18.23	18.84	17.89	19.5
100	QPSK	135	0	18.19	18.79	17.89	19.5
100		135	69	18.12	18.71	17.8	19.5
100		135	135	18.21	18.63	17.99	19.5
100		270	0	18.29	18.59	17.92	19.5
100	16QAM	1	1	18.25	18.71	17.92	19.5
100	64QAM	1	1	18.19	18.82	17.89	19.5
100	256QAM	1	1	18.31	18.76	17.89	19.5
Channel				649968	656000	662232	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3810	3870.96	
90	PI/2 BPSK	1	1	18.32	18.87	18.04	19.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743.01	3810	3878.99	
80	PI/2 BPSK	1	1	18.25	18.87	18.11	19.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743	3840	3938	
70	PI/2 BPSK	1	1	18.23	18.8	17.98	19.5
Channel				649268	656000	662732	Tune-up Limit [dBm]
Frequency [MHz]				3734.52	3840	3945.93	
60	PI/2 BPSK	1	1	18.23	18.86	18.05	19.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3743.01	3840	3938.99	
50	PI/2 BPSK	1	1	18.29	18.8	18.03	19.5
Channel				649500	656000	662500	Tune-up Limit [dBm]
Frequency [MHz]				3748	3840	3932	
40	PI/2 BPSK	1	1	18.23	18.88	18.05	19.5
Channel				647998	656000	664002	Tune-up Limit [dBm]
Frequency [MHz]				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.22	18.79	18.07	19.5
Channel				647500	656000	664502	Tune-up Limit [dBm]
Frequency [MHz]				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.23	18.79	18.08	19.5
Channel				647334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.34	18.8	18.07	19.5
Channel				647168	656000	664832	Tune-up Limit [dBm]
Frequency [MHz]				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.22	18.81	18.11	19.5
Channel				647000	656000	665000	Tune-up Limit [dBm]
Frequency [MHz]				3705	3840	3975	
10	PI/2 BPSK	1	1	18.22	18.76	18.07	19.5

<FR1 n78 (27Q)_Ant4_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3489.96		
100		1	1		15.89		16.2
100		1	137		15.71		16.2
100		1	271		15.86		16.2
100	PI/2 BPSK	135	0		15.82		16.2
100		135	69		15.86		16.2
100		135	135		15.73		16.2
100		270	0		15.94		16.2
100		1	1		15.93		16.2
100		1	137		15.79		16.2
100		1	271		15.79		16.2
100	QPSK	135	0		15.81		16.2
100		135	69		15.61		16.2
100		135	135		15.71		16.2
100		270	0		15.89		16.2
100	16QAM	1	1		16.9		16.2
100	64QAM	1	1		15.83		16.2
100	256QAM	1	1		16.8		16.2
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3489.96	3509.99	
90	PI/2 BPSK	1	1	16.73	15.89	15.8	16.2
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490.02	3489.96	3510	
80	PI/2 BPSK	1	1	16.49	15.79	15.85	16.2
Channel				633168	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3491.01	3489.96	3514.99	
70	PI/2 BPSK	1	1	16.62	15.84	15.7	16.2
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3489.96	3510.99	
60	PI/2 BPSK	1	1	16.7	15.84	15.86	16.2
Channel				633168	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3491.02	3489.96	3510	
50	PI/2 BPSK	1	1	16.49	15.79	15.73	16.2
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3481.01	3489.96	3498.99	
40	PI/2 BPSK	1	1	16.42	15.8	15.72	16.2
Channel				631668	633332	634996	Tune-up Limit [dBm]
Frequency [MHz]				3486	3489.96	3493.98	
30	PI/2 BPSK	1	1	16.71	15.81	15.48	16.2
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3482.51	3489.96	3537.48	
25	PI/2 BPSK	1	1	16.66	15.84	15.76	16.2
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3480.02	3489.96	3540	
20	PI/2 BPSK	1	1	16.71	15.74	15.77	16.2
Channel				630498	633332	636166	Tune-up Limit [dBm]
Frequency [MHz]				3477.5	3489.96	3542.49	
15	PI/2 BPSK	1	1	16.66	15.79	15.71	16.2
Channel				630330	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3475.01	3489.96	3544.99	
10	PI/2 BPSK	1	1	16.47	15.79	15.75	16.2

<FR1 n78 (27Q)_HPUE_Ant4_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1	18.79	18.79		19.5
100		1	137	18.64			19.5
100		1	271	18.7			19.5
100	PI/2 BPSK	135	0	18.6			19.5
100		135	68	18.59			19.5
100		135	135	18.79			19.5
100		270	0	18.69			19.5
100		1	1	18.73			19.5
100		1	137	18.4			19.5
100		1	271	18.73			19.5
100	QPSK	135	0	18.5			19.5
100		135	68	18.61			19.5
100		135	135	18.74			19.5
100		270	0	18.76			19.5
100	16QAM	1	1	18.57			19.5
100	64QAM	1	1	18.71			19.5
100	256QAM	1	1	18.58			19.5
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3509.98	
90	PI/2 BPSK	1	1	18.8	18.79	18.76	19.5
Channel				632982	633332	633682	Tune-up Limit (dBm)
Frequency (MHz)				3489.82	3499.99	3510	
80	PI/2 BPSK	1	1	18.68	18.69	18.62	19.5
Channel				632754	633132	633512	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.89	3514.98	
70	PI/2 BPSK	1	1	18.72	18.79	18.64	19.5
Channel				632550	633132	633696	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.89	3519.99	
60	PI/2 BPSK	1	1	18.73	18.63	18.7	19.5
Channel				631968	633132	634302	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.89	3525	
50	PI/2 BPSK	1	1	18.72	18.68	18.61	19.5
Channel				631404	633132	634332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.89	3529.99	
40	PI/2 BPSK	1	1	18.78	18.77	18.68	19.5
Channel				631260	633132	634986	Tune-up Limit (dBm)
Frequency (MHz)				3466	3499.89	3533.94	
30	PI/2 BPSK	1	1	18.77	18.68	18.7	19.5
Channel				630804	633132	635652	Tune-up Limit (dBm)
Frequency (MHz)				3460.01	3499.89	3537.48	
25	PI/2 BPSK	1	1	18.88	18.68	18.8	19.5
Channel				630888	633132	635352	Tune-up Limit (dBm)
Frequency (MHz)				3460.32	3499.89	3540	
20	PI/2 BPSK	1	1	18.71	18.79	18.7	19.5
Channel				630552	633132	635712	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.89	3542.49	
15	PI/2 BPSK	1	1	18.71	18.7	18.81	19.5
Channel				631224	633132	635112	Tune-up Limit (dBm)
Frequency (MHz)				3453.01	3499.89	3544.99	
10	PI/2 BPSK	1	1	18.88	18.79	18.6	19.5

<FR1 n78 (27O)_Ant4_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					640000		
Frequency (MHz)					3750		
100		1	1		16.49		16.2
100		1	137		16.83		16.2
100		1	271		16.56		16.2
100	PI/2 BPSK	135	0		16.67		16.2
100		135	68		16.79		16.2
100		135	135		16.79		16.2
100		270	0		16.9		16.2
100		1	1		16.93		16.2
100		1	137		16.49		16.2
100		1	271		16.77		16.2
100	QPSK	135	0		16.68		16.2
100		135	68		16.73		16.2
100		135	135		16.82		16.2
100		270	0		16.89		16.2
100	16QAM	1	1		16.87		16.2
100	64QAM	1	1		16.77		16.2
100	256QAM	1	1		16.72		16.2
Channel				639988	640000	640332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	16.77	16.88	16.72	16.2
Channel				639336	640000	640664	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3750.39	
80	PI/2 BPSK	1	1	16.62	16.7	16.68	16.2
Channel				638700	640000	641300	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.68	16.83	16.6	16.2
Channel				638388	640000	641612	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3750	3768.48	
60	PI/2 BPSK	1	1	16.73	16.72	16.62	16.2
Channel				638388	640000	641588	Tune-up Limit (dBm)
Frequency (MHz)				3731.61	3750	3768.39	
50	PI/2 BPSK	1	1	16.71	16.79	16.68	16.2
Channel				638550	640000	641550	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	16.75	16.72	16.7	16.2
Channel				637998	640000	642102	Tune-up Limit (dBm)
Frequency (MHz)				3712.02	3750	3787.98	
30	PI/2 BPSK	1	1	16.72	16.71	16.7	16.2
Channel				637998	640000	642300	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.62	16.82	16.58	16.2
Channel				637398	640000	642666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.75	16.78	16.66	16.2
Channel				637758	640000	642222	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.62	16.77	16.67	16.2
Channel				637398	640000	642602	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3796	
10	PI/2 BPSK	1	1	16.66	16.79	16.58	16.2

<FR1 n78 (27O)_HPUE_Ant4_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cb. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					640000		
Frequency (MHz)					3750		
100		1	1		18.99		19.5
100		1	137		18.58		19.5
100		1	271		18.81		19.5
100	PI/2 BPSK	135	0		18.6		19.5
100		135	68		18.71		19.5
100		135	135		18.74		19.5
100		270	0		18.75		19.5
100		1	1		18.7		19.5
100		1	137		18.6		19.5
100		1	271		18.57		19.5
100	QPSK	135	0		18.6		19.5
100		135	68		18.64		19.5
100		135	135		18.61		19.5
100		270	0		18.64		19.5
100	16QAM	1	1		18.69		19.5
100	64QAM	1	1		18.62		19.5
100	256QAM	1	1		18.79		19.5
Channel				639988	640000	640332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	18.81	18.82	18.8	19.5
Channel				639336	640000	640664	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3750.39	
80	PI/2 BPSK	1	1	18.74	18.57	18.72	19.5
Channel				638700	640000	641300	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.78	18.56	18.76	19.5
Channel				638388	640000	641612	Tune-up Limit (dBm)
Frequency (MHz)				3731.52	3750	3768.48	
60	PI/2 BPSK	1	1	18.79	18.53	18.66	19.5
Channel				638388	640000	641588	Tune-up Limit (dBm)
Frequency (MHz)				3731.61	3750	3768.39	
50	PI/2 BPSK	1	1	18.74	18.52	18.68	19.5
Channel				638550	640000	641550	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	18.73	18.52	18.76	19.5
Channel				637998	640000	642102	Tune-up Limit (dBm)
Frequency (MHz)				3712.02	3750	3787.98	
30	PI/2 BPSK	1	1	18.76	18.5	18.68	19.5
Channel				637500	640000	642300	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.74	18.49	18.68	19.5
Channel				637398	640000	642666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.7	18.57	18.66	19.5
Channel				637758	640000	642222	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.67	18.58	18.77	19.5
Channel				637398	640000	642602	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3796	
10	PI/2 BPSK	1	1	18.73	18.56	18.72	19.5

<FR1 n2_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.39	18.43	18.37	19
40		1	108	18.19	18.36	18.21	19
40		1	214	18.21	18.31	18.18	19
40	Pi/2 BPSK	108	0	18.23	18.4	18.23	19
40		108	54	18.27	18.42	18.29	19
40		108	108	18.08	18.25	18.11	19
40		216	0	18.4	18.55	18.38	19
40		1	1	18.3	18.36	18.19	19
40		1	108	18.19	18.33	18.2	19
40		1	214	18.33	18.43	18.27	19
40	QPSK	108	0	18.12	18.24	18.16	19
40		108	54	18.07	18.18	18.06	19
40		108	108	18.33	18.5	18.42	19
40		216	0	18.39	18.46	18.3	19
40	16QAM	1	1	18.24	18.4	18.29	19
40	64QAM	1	1	18.09	18.21	18.12	19
40	256QAM	1	1	18.11	18.29	18.15	19
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	18.3	18.32	18.27	19
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	18.31	18.4	18.3	19
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	18.31	18.29	18.26	19
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	18.31	18.3	18.35	19
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	18.28	18.31	18.25	19
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	18.29	18.35	18.31	19
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	18.27	18.3	18.29	19

<FR1 n7_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.4	17.48	17.38	18
50		1	135	17.19	17.29	17.14	18
50		1	268	17.15	17.3	17.12	18
50	Pi/2 BPSK	135	0	17.2	17.35	17.17	18
50		135	68	17.31	17.44	17.2	18
50		135	135	17.21	17.34	17.14	18
50		270	0	17.5	17.68	17.51	18
50		1	1	17.15	17.37	17.14	18
50		1	135	17.24	17.34	17.09	18
50		1	268	17.29	17.48	17.29	18
50	QPSK	135	0	17.04	17.21	16.99	18
50		135	68	17.22	17.36	17.21	18
50		135	135	17.5	17.59	17.48	18
50		270	0	17.09	17.31	17.2	18
50	16QAM	1	1	17.42	17.61	17.37	18
50	64QAM	1	1	17.08	17.29	17.13	18
50	256QAM	1	1	17.04	17.26	17.13	18
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	17.3	17.42	17.26	18
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	17.39	17.41	17.36	18
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	17.35	17.38	17.36	18
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	17.35	17.35	17.29	18
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	17.25	17.45	17.28	18
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	17.37	17.44	17.27	18
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	17.37	17.4	17.35	18
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	17.32	17.44	17.25	18

<FR1 n25_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.49	18.56	18.51	19
40		1	108	18.43	18.53	18.43	19
40		1	214	18.38	18.49	18.4	19
40		108	0	18.41	18.5	18.33	19
40		108	54	18.45	18.53	18.41	19
40		108	108	18.34	18.43	18.28	19
40		216	0	18.32	18.5	18.39	19
40	QPSK	1	1	18.4	18.49	18.31	19
40		1	108	18.22	18.42	18.28	19
40		1	214	18.39	18.49	18.34	19
40		108	0	18.29	18.5	18.37	19
40		108	54	18.32	18.53	18.44	19
40		108	108	18.41	18.57	18.45	19
40		216	0	18.44	18.54	18.44	19
40	16QAM	1	1	18.28	18.43	18.26	19
40	64QAM	1	1	18.56	18.66	18.55	19
40	256QAM	1	1	18.28	18.48	18.4	19
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.45	18.52	18.45	19
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.48	18.49	18.38	19
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.46	18.54	18.38	19
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.4	18.5	18.47	19
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.45	18.43	18.4	19
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.34	18.43	18.44	19
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.35	18.43	18.43	19

<FR1 n66_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.85	18.9	18.83	19.5
45		1	120	18.54	18.7	18.52	19.5
45		1	240	18.7	18.79	18.58	19.5
45		120	0	18.73	18.85	18.75	19.5
45		120	60	18.78	18.87	18.69	19.5
45		120	120	18.51	18.64	18.47	19.5
45		240	0	18.69	18.87	18.78	19.5
45	QPSK	1	1	18.73	18.81	18.6	19.5
45		1	120	18.58	18.65	18.56	19.5
45		1	240	18.86	18.95	18.8	19.5
45		120	0	18.56	18.69	18.61	19.5
45		120	60	18.61	18.69	18.52	19.5
45		120	120	18.66	18.83	18.68	19.5
45		240	0	18.59	18.7	18.53	19.5
45	16QAM	1	1	18.64	18.78	18.62	19.5
45	64QAM	1	1	18.68	18.86	18.77	19.5
45	256QAM	1	1	18.65	18.72	18.52	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.81	18.88	18.68	19.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.7	18.77	18.76	19.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.75	18.8	18.69	19.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.83	18.78	18.71	19.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.75	18.79	18.79	19.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.84	18.81	18.78	19.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.82	18.81	18.78	19.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.73	18.85	18.82	19.5

<FR1 n38_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	518998	520000	
Frequency (MHz)				2580	2649	2680	
40		1	1	17.59	17.64	17.6	18
40		1	53	17	17.03	17.09	18
40		1	104	16.99	17.09	16.92	18
40	PI/2 BPSK	50	0	17.35	17.53	17.41	18
40		50	28	17.47	17.6	17.49	18
40		50	56	17.16	17.18	17.19	18
40		100	0	17.41	17.51	17.41	18
40		1	1	17.16	17.24	17.06	18
40		1	53	16.97	17.08	16.99	18
40		1	104	17.41	17.68	17.41	18
40	QPSK	50	0	17.05	17.05	16.98	18
40		50	28	16.92	17.08	16.92	18
40		50	56	17.61	17.65	17.7	18
40		100	0	17.36	17.55	17.29	18
40	16QAM	1	1	16.86	17.03	16.8	18
40	64QAM	1	1	17.61	17.65	17.66	18
40	256QAM	1	1	17.15	17.43	17.09	18
Channel				517000	518998	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2649	2680	
30	PI/2 BPSK	1	1	17.55	17.53	17.54	18
Channel				516002	518998	521998	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2649	2677.8	
25	PI/2 BPSK	1	1	17.52	17.62	17.5	18
Channel				516002	518998	521998	Tune-up Limit (dBm)
Frequency (MHz)				2580	2649	2718	
20	PI/2 BPSK	1	1	17.37	17.52	17.33	18
Channel				516002	518998	521998	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2649	2720.5	
15	PI/2 BPSK	1	1	17.48	17.58	17.48	18
Channel				516002	518998	521998	Tune-up Limit (dBm)
Frequency (MHz)				2575	2649	2715	
10	PI/2 BPSK	1	1	17.5	17.53	17.45	18

<FR1 n41_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				509252	518998	528500	
Frequency (MHz)				2496.01	2592.99	2689	
100		1	1	18.1	18.12	18.08	18.5
100		1	137	17.69	17.83	17.65	18.5
100		1	271	17.6	17.54	17.74	18.5
100	PI/2 BPSK	135	0	17.62	17.67	17.79	18.5
100		135	69	17.67	18.1	17.99	18.5
100		135	135	17.72	17.82	17.73	18.5
100		270	0	17.65	18.03	17.9	18.5
100		1	1	17.6	17.9	17.72	18.5
100		1	137	17.77	17.86	17.79	18.5
100		1	271	17.67	18.05	17.86	18.5
100	QPSK	135	0	17.65	17.93	17.85	18.5
100		135	69	17.67	17.91	17.81	18.5
100		135	135	17.9	18	17.87	18.5
100		270	0	17.65	17.77	17.84	18.5
100	16QAM	1	1	17.71	17.86	17.69	18.5
100	64QAM	1	1	17.6	17.96	17.85	18.5
100	256QAM	1	1	17.69	17.8	17.62	18.5
Channel				509250	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.98	
90	PI/2 BPSK	1	1	18.02	18.1	17.96	18.5
Channel				507250	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2514.02	2592.99	2699.98	
80	PI/2 BPSK	1	1	18.08	18.1	17.96	18.5
Channel				506248	518998	531748	Tune-up Limit (dBm)
Frequency (MHz)				2527.01	2592.99	2658	
70	PI/2 BPSK	1	1	18.07	18.09	17.94	18.5
Channel				506248	518998	531748	Tune-up Limit (dBm)
Frequency (MHz)				2524	2592.99	2659.98	
60	PI/2 BPSK	1	1	18	18.07	18	18.5
Channel				504994	518998	533998	Tune-up Limit (dBm)
Frequency (MHz)				252.152	2592.99	2664.98	
50	PI/2 BPSK	1	1	18.01	18.09	18	18.5
Channel				504746	518998	534998	Tune-up Limit (dBm)
Frequency (MHz)				2519.3	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.04	18.08	17.86	18.5
Channel				504252	518998	534330	Tune-up Limit (dBm)
Frequency (MHz)				2473.01	2592.99	2672	
40	PI/2 BPSK	1	1	18.07	17.99	18.01	18.5
Channel				502704	518998	534998	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	18.07	18.05	17.96	18.5
Channel				502250	518998	534998	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.01	18.04	18.5
Channel				501752	518998	535748	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.99	18.01	17.94	18.5
Channel				501254	518998	536498	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	18.04	18.04	17.93	18.5
Channel				500756	518998	536498	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.98	18.06	17.96	18.5
Channel				500252	518998	537250	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.04	17.96	17.94	18.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				509252	518998	528500	
Frequency (MHz)				2496.01	2592.99	2689	
100		1	1	21.01	21.09	20.96	21.5
100		1	137	20.72	20.88	20.74	21.5
100		1	271	20.79	20.94	20.77	21.5
100	PI/2 BPSK	135	0	20.79	20.87	20.74	21.5
100		135	69	20.76	20.93	20.82	21.5
100		135	135	20.87	20.98	20.79	21.5
100		270	0	20.79	20.96	20.83	21.5
100		1	1	20.73	20.91	20.68	21.5
100		1	137	20.86	21.03	20.83	21.5
100		1	271	20.77	20.89	20.79	21.5
100	QPSK	135	0	20.71	20.89	20.66	21.5
100		135	69	20.84	20.93	20.73	21.5
100		135	135	20.73	20.91	20.76	21.5
100		270	0	20.73	20.93	20.66	21.5
100	16QAM	1	1	20.75	20.94	20.81	21.5
100	64QAM	1	1	20.63	20.89	20.87	21.5
100	256QAM	1	1	20.62	20.89	20.71	21.5
Channel				509250	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.98	
90	PI/2 BPSK	1	1	20.88	21.03	20.87	21.5
Channel				507250	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2518.02	2592.99	2699.98	
80	PI/2 BPSK	1	1	20.91	21.02	20.93	21.5
Channel				506248	518998	531748	Tune-up Limit (dBm)
Frequency (MHz)				2527.01	2592.99	2658	
70	PI/2 BPSK	1	1	20.87	21.03	20.86	21.5
Channel				506248	518998	531748	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21	20.99	20.92	21.5
Channel				504994	518998	533998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	20.97	21.02	20.9	21.5
Channel				504760	518998	533998	Tune-up Limit (dBm)
Frequency (MHz)				2519.3	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.96	20.96	20.84	21.5
Channel				504252	518998	533330	Tune-up Limit (dBm)
Frequency (MHz)				2473.01	2592.99	2672	
40	PI/2 BPSK	1	1	20.97	20.92	20.96	21.5
Channel				502704	518998	534998	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	20.97	20.92	20.84	21.5
Channel				502250	518998	534998	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.86	20.93	20.96	21.5
Channel				501752	518998	535748	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.95	20.89	20.85	21.5
Channel				501254	518998	536498	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	20.96	20.95	20.85	21.5
Channel				500756	518998	536998	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.96	20.89	20.91	21.5
Channel				500252	518998	537250	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.92	21.02	20.87	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class 3 / Freq.	Power Class 3 / Freq.	Power Class 3 / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	643332	
Frequency (MHz)				3622.99	3679.99	3679.99	
40		1	1	17.72	17.79	17.89	18.5
40		1	53	17.44	17.98	17.47	18.5
40		1	104	17.49	17.66	17.42	18.5
40	PI/2 BPSK	50	0	17.54	17.71	17.48	18.5
40		50	26	17.58	17.77	17.63	18.5
40		50	56	17.5	17.65	17.47	18.5
40		100	0	17.47	17.69	17.59	18.5
40		1	1	17.46	17.66	17.54	18.5
40		1	53	17.51	17.66	17.46	18.5
40		1	104	17.57	17.74	17.52	18.5
40	QPSK	50	0	17.44	17.72	17.47	18.5
40		50	26	17.42	17.62	17.48	18.5
40		50	56	17.44	17.72	17.5	18.5
40		100	0	17.41	17.77	17.53	18.5
40	16QAM	1	1	17.52	17.66	17.47	18.5
40	64QAM	1	1	17.49	17.66	17.48	18.5
40	256QAM	1	1	17.54	17.61	17.48	18.5
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3641.32	3622.99	3639.99	
30	PI/2 BPSK	1	1	17.58	17.77	17.67	18.5
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3640.01	3622.99	3660	
20	PI/2 BPSK	1	1	17.69	17.66	17.6	18.5
Channel				637168	641666	646164	Tune-up Limit (dBm)
Frequency (MHz)				3637.52	3622.99	3662.49	
15	PI/2 BPSK	1	1	17.69	17.68	17.67	18.5
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3635	3624.99	3684.99	
10	PI/2 BPSK	1	1	17.44	17.73	17.6	18.5

<FR1 n77 (27Q)_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 3 / Freq.	Power Class 3 / Freq.	Power Class 3 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		17.81		18.7
100		1	137		17.99		18.7
100		1	271		17.98		18.7
100	PI/2 BPSK	136	0		17.76		18.7
100		136	69		17.8		18.7
100		136	136		17.75		18.7
100		270	0		17.98		18.7
100		1	1		17.63		18.7
100		1	137		17.63		18.7
100		1	271		17.77		18.7
100	QPSK	136	0		17.7		18.7
100		136	69		17.67		18.7
100		136	136		17.76		18.7
100		270	0		17.98		18.7
100	16QAM	1	1		17.7		18.7
100	64QAM	1	1		17.71		18.7
100	256QAM	1	1		17.64		18.7
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.7	17.88	17.64	18.7
Channel				632988	633332	633656	Tune-up Limit (dBm)
Frequency (MHz)				3494.52	3499.98	3505	
80	PI/2 BPSK	1	1	17.61	17.81	17.62	18.7
Channel				632712	633332	633918	Tune-up Limit (dBm)
Frequency (MHz)				3493.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.69	17.87	17.68	18.7
Channel				632580	633332	634068	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.66	17.85	17.6	18.7
Channel				631968	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3474.52	3499.98	3525	
50	PI/2 BPSK	1	1	17.61	17.86	17.61	18.7
Channel				631356	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.99	
40	PI/2 BPSK	1	1	17.63	17.87	17.5	18.7
Channel				631080	633332	635596	Tune-up Limit (dBm)
Frequency (MHz)				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	17.55	17.86	17.5	18.7
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.6	17.83	17.66	18.7
Channel				630588	633282	636036	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.56	3540	
20	PI/2 BPSK	1	1	17.61	17.84	17.59	18.7
Channel				630318	633332	636346	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.66	17.81	17.52	18.7
Channel				630132	633332	636532	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.99	
10	PI/2 BPSK	1	1	17.6	17.86	17.3	18.7

<FR1 n77 (27Q)_HPUE_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 3 / Freq.	Power Class 3 / Freq.	Power Class 3 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		20.31		21.8
100		1	137		20.51		21.8
100		1	271		20.57		21.8
100	PI/2 BPSK	136	0		20.56		21.8
100		136	69		20.61		21.8
100		136	136		20.59		21.8
100		270	0		20.51		21.8
100		1	1		20.53		21.8
100		1	137		20.48		21.8
100		1	271		20.53		21.8
100	QPSK	136	0		20.51		21.8
100		136	69		20.52		21.8
100		136	136		20.59		21.8
100		270	0		20.59		21.8
100	16QAM	1	1		20.62		21.8
100	64QAM	1	1		20.53		21.8
100	256QAM	1	1		20.63		21.8
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.51	20.52	20.38	21.8
Channel				632988	633332	633656	Tune-up Limit (dBm)
Frequency (MHz)				3494.52	3499.98	3505	
80	PI/2 BPSK	1	1	20.46	20.39	20.46	21.8
Channel				632712	633332	633918	Tune-up Limit (dBm)
Frequency (MHz)				3493.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.42	20.48	20.5	21.8
Channel				632580	633332	634068	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.47	20.43	20.35	21.8
Channel				631968	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3474.52	3499.98	3525	
50	PI/2 BPSK	1	1	20.39	20.39	20.33	21.8
Channel				631356	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.99	
40	PI/2 BPSK	1	1	20.38	20.4	20.38	21.8
Channel				631080	633332	635596	Tune-up Limit (dBm)
Frequency (MHz)				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	20.39	20.41	20.32	21.8
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.41	20.43	20.47	21.8
Channel				630588	633282	636036	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.56	3540	
20	PI/2 BPSK	1	1	20.5	20.47	20.52	21.8
Channel				630318	633332	636346	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.39	20.5	20.32	21.8
Channel				630132	633332	636532	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.99	
10	PI/2 BPSK	1	1	20.38	20.39	20.5	21.8

<FR1 n77 (27O)_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Tune-up Limit [dBm]
Channel				660000	636000	662000	
Frequency [MHz]				3720	3640	3900	
100		1	1	17.46	17.36	17.4	18.7
100		1	137	17.27	17.36	17.26	18.7
100		1	271	17.3	17.36	17.4	18.7
100	PI/2 BPSK	135	0	17.32	17.49	17.46	18.7
100		134	69	17.42	17.51	17.38	18.7
100		135	135	17.47	17.33	17.43	18.7
100		270	0	17.3	17.26	17.47	18.7
100		1	1	17.31	17.46	17.45	18.7
100		1	137	17.45	17.45	17.34	18.7
100		1	271	17.26	17.33	17.44	18.7
100	QPSK	135	0	17.28	17.31	17.28	18.7
100		135	69	17.26	17.4	17.31	18.7
100		135	135	17.36	17.46	17.23	18.7
100		270	0	17.39	17.47	17.33	18.7
100	16QAM	1	1	17.24	17.41	17.43	18.7
100	64QAM	1	1	17.34	17.28	17.48	18.7
100	256QAM	1	1	17.46	17.42	17.32	18.7
Channel				669668	636030	662332	Tune-up Limit [dBm]
Frequency [MHz]				3740.02	3640	3839.98	
90	PI/2 BPSK	1	1	17.6	17.27	17.31	18.7
Channel				669334	636030	662998	Tune-up Limit [dBm]
Frequency [MHz]				3740.01	3640	3839.99	
80	PI/2 BPSK	1	1	17.36	17.25	17.33	18.7
Channel				668336	636030	661664	Tune-up Limit [dBm]
Frequency [MHz]				3733	3640	3905	
70	PI/2 BPSK	1	1	17.47	17.25	17.38	18.7
Channel				668668	636030	662332	Tune-up Limit [dBm]
Frequency [MHz]				3733.02	3640	3839.98	
60	PI/2 BPSK	1	1	17.44	17.34	17.3	18.7
Channel				668334	636030	662998	Tune-up Limit [dBm]
Frequency [MHz]				3733.01	3640	3839.99	
50	PI/2 BPSK	1	1	17.36	17.23	17.31	18.7
Channel				668000	636000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3720	3640	3960	
40	PI/2 BPSK	1	1	17.43	17.27	17.27	18.7
Channel				667668	636030	664332	Tune-up Limit [dBm]
Frequency [MHz]				3713.02	3640	3959.98	
30	PI/2 BPSK	1	1	17.36	17.28	17.28	18.7
Channel				667000	636030	664663	Tune-up Limit [dBm]
Frequency [MHz]				3713.5	3640	3967.5	
25	PI/2 BPSK	1	1	17.38	17.26	17.38	18.7
Channel				667334	636030	664998	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3640	3959.99	
20	PI/2 BPSK	1	1	17.45	17.22	17.26	18.7
Channel				667168	636030	664832	Tune-up Limit [dBm]
Frequency [MHz]				3711.52	3640	3957.48	
15	PI/2 BPSK	1	1	17.37	17.27	17.3	18.7
Channel				667002	636030	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710	3640	3970	
10	PI/2 BPSK	1	1	17.44	17.26	17.28	18.7

<FR1 n77 (27O)_HPUE_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Tune-up Limit [dBm]
Channel				660000	660000	662330	
Frequency [MHz]				3720	3840	3900	
100		1	1	20.27	20.42	20.02	21.8
100		1	137	20.2	20.21	19.92	21.8
100		1	271	20.2	20.46	19.82	21.8
100	PI/2 BPSK	135	0	20.39	20.37	19.71	21.8
100		135	69	20.33	20.33	19.79	21.8
100		135	135	20.3	20.33	19.73	21.8
100		270	0	20.3	20.39	19.96	21.8
100		1	1	20.33	20.31	19.72	21.8
100		1	137	20.19	20.35	19.74	21.8
100		1	271	20.33	20.31	19.85	21.8
100	QPSK	135	0	20.28	20.38	19.89	21.8
100		135	69	20.4	20.39	19.74	21.8
100		135	135	20.4	20.39	19.75	21.8
100		270	0	20.2	20.39	19.86	21.8
100	16QAM	1	1	20.26	20.6	19.74	21.8
100	64QAM	1	1	20.22	20.31	19.8	21.8
100	256QAM	1	1	20.36	20.44	19.79	21.8
Channel				649668	650000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3710.02	3840	3959.98	
90	PI/2 BPSK	1	1	20.24	20.31	19.84	21.8
Channel				649334	650000	662998	Tune-up Limit [dBm]
Frequency [MHz]				3710.01	3840	3959.99	
80	PI/2 BPSK	1	1	20.31	20.34	19.94	21.8
Channel				648336	650000	663664	Tune-up Limit [dBm]
Frequency [MHz]				3703	3840	3993	
70	PI/2 BPSK	1	1	20.28	20.49	19.98	21.8
Channel				648668	650000	663332	Tune-up Limit [dBm]
Frequency [MHz]				3713.02	3841	3959.98	
60	PI/2 BPSK	1	1	20.33	20.52	19.92	21.8
Channel				648334	650000	663998	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3840	3964.99	
50	PI/2 BPSK	1	1	20.29	20.44	19.98	21.8
Channel				648000	650000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3720	3840	3960	
40	PI/2 BPSK	1	1	20.29	20.52	20.01	21.8
Channel				647668	650000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3713.02	3840	3959.98	
30	PI/2 BPSK	1	1	20.26	20.55	19.97	21.8
Channel				647000	650000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3713.5	3840	3960	
25	PI/2 BPSK	1	1	20.22	20.39	19.88	21.8
Channel				647334	650000	664998	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3840	3959.99	
20	PI/2 BPSK	1	1	20.34	20.39	19.89	21.8
Channel				647168	650000	664832	Tune-up Limit [dBm]
Frequency [MHz]				3711.52	3840	3957.48	
15	PI/2 BPSK	1	1	20.33	20.53	19.97	21.8
Channel				647002	650000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3710	3840	3970	
10	PI/2 BPSK	1	1	20.23	20.56	19.93	21.8

<FR1 n78 (27Q)_Ant5_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Power [dBm] Ch. / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3489.98		
100		1	1		17.19		18.7
100		1	137		17.14		18.7
100		1	275		17.09		18.7
100	PI/2 BPSK	135	0		17.16		18.7
100		135	69		17.19		18.7
100		135	135		17.18		18.7
100		270	0		17.07		18.7
100		1	1		17.02		18.7
100		1	137		17		18.7
100		1	271		17.22		18.7
100	QPSK	135	0		17.22		18.7
100		135	69		17.19		18.7
100		135	135		17.22		18.7
100		270	0		17.22		18.7
100	16QAM	1	1		17.02		18.7
100	64QAM	1	1		17.01		18.7
100	256QAM	1	1		17.09		18.7
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3490	3489.98	3509.98	
90	PI/2 BPSK	1	1	17.01	17	17.06	18.7
Channel				632666	633332	634000	Tune-up Limit [dBm]
Frequency [MHz]				3489.02	3489.98	3510	
80	PI/2 BPSK	1	1	16.97	16.93	17.04	18.7
Channel				632334	633332	634330	Tune-up Limit [dBm]
Frequency [MHz]				3485.01	3489.98	3514.99	
70	PI/2 BPSK	1	1	16.99	16.93	17.05	18.7
Channel				632000	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3480	3489.98	3519.98	
60	PI/2 BPSK	1	1	16.98	16.89	17.04	18.7
Channel				631666	633332	635000	Tune-up Limit [dBm]
Frequency [MHz]				3475.02	3489.98	3525	
50	PI/2 BPSK	1	1	16.97	16.89	17.06	18.7
Channel				631334	633332	635330	Tune-up Limit [dBm]
Frequency [MHz]				3470.01	3489.98	3529.98	
40	PI/2 BPSK	1	1	16.9	16.89	17	18.7
Channel				631000	633332	635666	Tune-up Limit [dBm]
Frequency [MHz]				3465	3489.98	3534.98	
30	PI/2 BPSK	1	1	16.98	16.89	17.05	18.7
Channel				630664	633332	636002	Tune-up Limit [dBm]
Frequency [MHz]				3462.51	3489.98	3537.48	
25	PI/2 BPSK	1	1	16.96	16.91	17.07	18.7
Channel				630998	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3462.52	3489.98	3540	
20	PI/2 BPSK	1	1	16.96	16.93	16.96	18.7
Channel				630332	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3457.5	3489.98	3542.48	
15	PI/2 BPSK	1	1	16.96	16.99	16.98	18.7
Channel				630000	633332	636334	Tune-up Limit [dBm]
Frequency [MHz]				3455.01	3489.98	3544.99	
10	PI/2 BPSK	1	1	16.97	16.97	16.95	18.7

<FR1 n78 (27Q)_HPUE_Ant5_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		20.64		21.8
100		1	137		20.5		21.8
100		1	273		20.58		21.8
100	PI/2 BPSK	135	0		20.48		21.8
100		135	69		20.61		21.8
100		135	138		20.53		21.8
100		270	0		20.51		21.8
100		1	1		20.61		21.8
100		1	137		20.49		21.8
100		1	271		20.5		21.8
100	QPSK	135	0		20.39		21.8
100		135	69		20.42		21.8
100		135	138		20.42		21.8
100		270	0		20.4		21.8
100	16QAM	1	1		20.44		21.8
100	64QAM	1	1		20.6		21.8
100	256QAM	1	1		20.58		21.8
Channel				623000	633332	623968	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3504.68	
90	PI/2 BPSK	1	1	20.6	20.42	20.08	21.8
Channel				622968	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.32	3499.99	3510	
80	PI/2 BPSK	1	1	20.91	20.35	20.44	21.8
Channel				622736	633332	634152	Tune-up Limit (dBm)
Frequency (MHz)				3489.01	3499.99	3514.96	
70	PI/2 BPSK	1	1	20.49	20.39	20.53	21.8
Channel				622500	633332	634968	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3519.96	
60	PI/2 BPSK	1	1	20.52	20.33	20.53	21.8
Channel				621968	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3479.52	3499.99	3520	
50	PI/2 BPSK	1	1	20.47	20.32	20.47	21.8
Channel				621404	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3479.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	20.39	20.32	20.48	21.8
Channel				621260	633332	635968	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3529.78	
30	PI/2 BPSK	1	1	20.58	20.28	20.57	21.8
Channel				620804	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3482.01	3499.99	3537.48	
25	PI/2 BPSK	1	1	20.49	20.33	20.53	21.8
Channel				620668	633332	636300	Tune-up Limit (dBm)
Frequency (MHz)				3480.32	3499.99	3540	
20	PI/2 BPSK	1	1	20.46	20.28	20.56	21.8
Channel				620332	633332	636968	Tune-up Limit (dBm)
Frequency (MHz)				3477.8	3499.99	3542.48	
15	PI/2 BPSK	1	1	20.45	20.33	20.56	21.8
Channel				620124	633332	637632	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	20.37	20.28	20.46	21.8

<FR1 n78 (27O)_Ant5_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		16.98		18.7
100		1	137		16.93		18.7
100		1	273		16.96		18.7
100	PI/2 BPSK	135	0		16.92		18.7
100		135	69		16.87		18.7
100		135	138		16.9		18.7
100		270	0		16.77		18.7
100		1	1		16.95		18.7
100		1	137		16.79		18.7
100		1	271		16.89		18.7
100	QPSK	135	0		16.9		18.7
100		135	69		16.97		18.7
100		135	138		16.9		18.7
100		270	0		16.9		18.7
100	16QAM	1	1		16.9		18.7
100	64QAM	1	1		16.92		18.7
100	256QAM	1	1		16.92		18.7
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.68	
90	PI/2 BPSK	1	1	16.92	16.77	16.9	18.7
Channel				649334	650000	650665	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.88	16.73	16.83	18.7
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3748.5	3750	3765	
70	PI/2 BPSK	1	1	16.85	16.63	16.88	18.7
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3747.52	3750	3765.48	
60	PI/2 BPSK	1	1	16.83	16.66	16.84	18.7
Channel				648336	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3746.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.91	16.68	16.83	18.7
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3742	3750	3790	
40	PI/2 BPSK	1	1	16.8	16.7	16.84	18.7
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3740.52	3750	3765.48	
30	PI/2 BPSK	1	1	16.87	16.62	16.73	18.7
Channel				647368	650000	652600	Tune-up Limit (dBm)
Frequency (MHz)				3742.3	3750	3757.7	
25	PI/2 BPSK	1	1	16.8	16.7	16.87	18.7
Channel				647236	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3765.99	
20	PI/2 BPSK	1	1	16.82	16.73	16.83	18.7
Channel				647104	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
15	PI/2 BPSK	1	1	16.81	16.65	16.83	18.7
Channel				647104	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
10	PI/2 BPSK	1	1	16.77	16.75	16.89	18.7

<FR1 n78 (27O)_HPUE_Ant5_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		20.4		21.8
100		1	137		20.36		21.8
100		1	273		20.24		21.8
100	PI/2 BPSK	135	0		20.6		21.8
100		135	69		20.31		21.8
100		135	138		20.19		21.8
100		270	0		20.23		21.8
100		1	1		20.36		21.8
100		1	137		20.25		21.8
100		1	271		20.41		21.8
100	QPSK	135	0		20.28		21.8
100		135	69		20.33		21.8
100		135	138		20.51		21.8
100		270	0		20.31		21.8
100	16QAM	1	1		20.39		21.8
100	64QAM	1	1		20.2		21.8
100	256QAM	1	1		20.23		21.8
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.68	
90	PI/2 BPSK	1	1	20.31	20.41	20.33	21.8
Channel				649334	650000	650665	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.24	20.28	20.19	21.8
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3748.5	3750	3765	
70	PI/2 BPSK	1	1	20.26	20.3	20.16	21.8
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3747.52	3750	3765.48	
60	PI/2 BPSK	1	1	20.2	20.29	20.17	21.8
Channel				648336	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3746.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.17	20.29	20.18	21.8
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3742	3750	3790	
40	PI/2 BPSK	1	1	20.18	20.31	20.09	21.8
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3740.52	3750	3765.48	
30	PI/2 BPSK	1	1	20.21	20.32	20.12	21.8
Channel				647368	650000	652632	Tune-up Limit (dBm)
Frequency (MHz)				3742.3	3750	3757.7	
25	PI/2 BPSK	1	1	20.28	20.31	20.17	21.8
Channel				647236	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
20	PI/2 BPSK	1	1	20.28	20.33	20.16	21.8
Channel				647104	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
15	PI/2 BPSK	1	1	20.29	20.35	20.09	21.8
Channel				647104	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
10	PI/2 BPSK	1	1	20.26	20.38	20.18	21.8

<FR1 n7_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.57	19.62	19.5	20.7
50		1	135	19.32	19.44	19.35	20.7
50		1	268	19.36	19.46	19.43	20.7
50		135	0	19.37	19.5	19.27	20.7
50		135	68	19.49	19.6	19.37	20.7
50		135	135	18.93	19.1	18.89	20.7
50		270	0	19.38	19.5	19.37	20.7
50	QPSK	1	1	19.27	19.34	19.14	20.7
50		1	135	19.02	19.12	18.92	20.7
50		1	268	19.42	19.52	19.28	20.7
50		135	0	19.37	19.44	19.2	20.7
50		135	68	18.86	19.02	18.82	20.7
50		135	135	19.38	19.56	19.41	20.7
50		270	0	19.12	19.28	19.02	20.7
50	16QAM	1	1	18.9	19.02	18.89	20.7
50	64QAM	1	1	19.43	19.53	19.28	20.7
50	256QAM	1	1	19.18	19.3	19.08	20.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.49	19.58	19.37	20.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	19.53	19.54	19.4	20.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.43	19.61	19.37	20.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.43	19.58	19.44	20.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.51	19.53	19.37	20.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.52	19.57	19.36	20.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.51	19.58	19.48	20.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.55	19.48	19.47	20.7

<FR1 n66_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.2	19.26	19.24	20.2
45		1	120	18.97	19.05	18.93	20.2
45		1	240	18.74	18.83	18.74	20.2
45		120	0	19.16	19.1	19.08	20.2
45		120	60	19.22	19.24	19.13	20.2
45		120	120	18.7	18.87	18.74	20.2
45		240	0	19.03	19.2	19.11	20.2
45	QPSK	1	1	18.91	19.03	18.97	20.2
45		1	120	18.66	18.86	18.83	20.2
45		1	240	19.04	19.23	19.11	20.2
45		120	0	18.76	18.91	18.82	20.2
45		120	60	18.55	18.74	18.68	20.2
45		120	120	19.14	19.23	19.09	20.2
45		240	0	18.93	19.03	18.93	20.2
45	16QAM	1	1	18.58	18.7	18.56	20.2
45	64QAM	1	1	19.06	19.25	19.22	20.2
45	256QAM	1	1	18.85	19.04	18.98	20.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.09	19.15	19.16	20.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.05	19.16	19.23	20.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.09	19.18	19.17	20.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.07	19.17	19.2	20.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.13	19.14	19.11	20.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.18	19.17	19.13	20.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.18	19.19	19.1	20.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.14	19.19	19.23	20.2

<FR1 n38_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2640	2645	2650	
40		1	1	20.39	20.64	20.49	21.7
40		1	53	20.42	20.49	20.37	21.7
40		1	104	19.96	20.14	20.02	21.7
40	PI/2 BPSK	50	0	20.36	20.53	20.39	21.7
40		50	28	20.44	20.6	20.48	21.7
40		50	56	20.1	20.27	20.14	21.7
40		100	0	20.46	20.66	20.39	21.7
40		1	1	20.36	20.43	20.37	21.7
40		1	53	20.04	20.22	20.13	21.7
40		1	104	20.39	20.57	20.45	21.7
40	QPSK	50	0	20.27	20.39	20.3	21.7
40		50	28	20.06	20.23	20.12	21.7
40		50	56	20.63	20.73	20.66	21.7
40		100	0	20.36	20.49	20.34	21.7
40	16QAM	1	1	20.04	20.11	20.05	21.7
40	64QAM	1	1	20.24	20.04	20.36	21.7
40	256QAM	1	1	19.35	19.69	19.4	20.7
Channel				517000	519000	521000	
Frequency (MHz)				2624	2645	2666	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	20.49	20.68	20.5	21.7
Channel				518000	519000	521000	
Frequency (MHz)				2634.2	2645	2667.8	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	20.44	20.66	20.52	21.7
Channel				518000	519000	521000	
Frequency (MHz)				2630	2655	2680	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	20.47	20.57	20.48	21.7
Channel				518000	519000	520000	
Frequency (MHz)				2627.5	2645	2612.5	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	20.3	20.52	20.3	21.7
Channel				518000	519000	521000	
Frequency (MHz)				2670	2645	2615	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	20.45	20.56	20.49	21.7

<FR1 n41_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	530930	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	20.18	20.24	20.19	20.7
100		1	137	19.8	19.96	19.72	20.7
100		1	271	19.66	20.01	19.81	20.7
100	PI/2 BPSK	136	0	19.9	19.97	19.62	20.7
100		136	69	19.64	20.08	19.91	20.7
100		136	136	19.72	19.91	19.76	20.7
100		270	0	19.79	19.85	19.62	20.7
100		1	1	19.91	20.06	19.82	20.7
100		1	137	19.61	19.73	19.58	20.7
100		1	271	19.67	20.16	19.98	20.7
100	QPSK	136	0	19.64	19.74	19.61	20.7
100		136	69	19.68	19.84	19.74	20.7
100		136	136	19.49	19.43	19.41	20.7
100		270	0	19.72	19.83	19.66	20.7
100	16QAM	1	1	19.77	19.9	19.75	20.7
100	64QAM	1	1	19.72	19.96	19.72	20.7
100	256QAM	1	1	18.76	18.96	18.75	20.7
Channel				506250	518998	530998	
Frequency (MHz)				2491	2592.99	2694.98	Tune-up Limit (dBm)
90	PI/2 BPSK	1	1	20.99	20.16	20.09	20.7
Channel				505726	518998	530998	
Frequency (MHz)				2514.02	2592.99	2689.98	Tune-up Limit (dBm)
80	PI/2 BPSK	1	1	20.69	20.19	20.02	20.7
Channel				505452	518998	531098	
Frequency (MHz)				2521.01	2592.99	2665	Tune-up Limit (dBm)
70	PI/2 BPSK	1	1	20.55	20.19	20.11	20.7
Channel				505298	518998	531198	
Frequency (MHz)				2524	2592.99	2659.98	Tune-up Limit (dBm)
60	PI/2 BPSK	1	1	20.69	20.14	20.56	20.7
Channel				504798	518998	531298	
Frequency (MHz)				252.1.02	2592.99	2664.98	Tune-up Limit (dBm)
50	PI/2 BPSK	1	1	20.64	20.22	20	20.7
Channel				504795	518998	531498	
Frequency (MHz)				2519.3	2592.99	2667.48	Tune-up Limit (dBm)
45	PI/2 BPSK	1	1	20.17	20.15	20.08	20.7
Channel				504552	518998	531535	
Frequency (MHz)				2515.01	2592.99	2670	Tune-up Limit (dBm)
40	PI/2 BPSK	1	1	20.07	20.71	20.08	20.7
Channel				504704	518998	531698	
Frequency (MHz)				2517.52	2592.99	2672.48	Tune-up Limit (dBm)
35	PI/2 BPSK	1	1	20.09	20.17	20.11	20.7
Channel				504230	518998	531898	
Frequency (MHz)				2511	2592.99	2674.98	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	20.08	20.14	20.14	20.7
Channel				503752	518998	532128	
Frequency (MHz)				2504.51	2592.99	2677.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	20.13	20.22	20.01	20.7
Channel				503274	518998	532358	
Frequency (MHz)				2509.52	2592.99	2679.98	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	20.07	20.16	20.02	20.7
Channel				505726	518998	532498	
Frequency (MHz)				2493.5	2592.99	2682.48	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	20.04	20.23	20.1	20.7
Channel				505252	518998	531702	
Frequency (MHz)				2501.01	2592.99	2685	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	20.05	20.16	20.08	20.7

<FR1 n41_HPUE_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel				506252	518998	530930	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	23.1	23.12	23.08	23.7
100		1	137	22.77	22.83	22.81	23.7
100		1	271	22.66	23.02	22.86	23.7
100	PI/2 BPSK	136	0	22.9	23	22.88	23.7
100		136	69	22.86	23.11	23.04	23.7
100		136	136	22.83	23.08	22.96	23.7
100		270	0	22.96	23.01	22.92	23.7
100		1	1	22.9	22.97	22.83	23.7
100		1	137	22.82	23	22.85	23.7
100		1	271	22.91	23	22.86	23.7
100	QPSK	136	0	23	23.09	22.97	23.7
100		136	69	22.85	22.93	22.85	23.7
100		136	136	22.85	22.91	22.75	23.7
100		270	0	22.97	22.97	22.91	23.7
100	16QAM	1	1	22.96	23.1	22.94	23.7
100	64QAM	1	1	21.99	21	22.86	22.7
100	256QAM	1	1	19.9	20.03	19.86	20.7
Channel				506250	518998	530998	
Frequency (MHz)				2491	2592.99	2694.98	Tune-up Limit (dBm)
90	PI/2 BPSK	1	1	22.96	23.08	23.04	23.7
Channel				505726	518998	530998	
Frequency (MHz)				2514.02	2592.99	2689.98	Tune-up Limit (dBm)
80	PI/2 BPSK	1	1	23.06	23.06	22.98	23.7
Channel				505452	518998	531098	
Frequency (MHz)				2521.01	2592.99	2665	Tune-up Limit (dBm)
70	PI/2 BPSK	1	1	23.06	22.99	22.98	23.7
Channel				505300	518998	531198	
Frequency (MHz)				2526	2592.99	2659.98	Tune-up Limit (dBm)
60	PI/2 BPSK	1	1	23.06	23	22.97	23.7
Channel				504804	518998	531298	
Frequency (MHz)				2521.02	2592.99	2664.98	Tune-up Limit (dBm)
50	PI/2 BPSK	1	1	23.06	22.93	23.07	23.7
Channel				504795	518998	531498	
Frequency (MHz)				2519.3	2592.99	2667.48	Tune-up Limit (dBm)
45	PI/2 BPSK	1	1	22.99	23	23.07	23.7
Channel				504552	518998	531550	
Frequency (MHz)				2515.01	2592.99	2670	Tune-up Limit (dBm)
40	PI/2 BPSK	1	1	23.07	23.03	23.03	23.7
Channel				504704	518998	531698	
Frequency (MHz)				2517.52	2592.99	2672.48	Tune-up Limit (dBm)
35	PI/2 BPSK	1	1	22.97	23	22.96	23.7
Channel				504230	518998	531898	
Frequency (MHz)				2511	2592.99	2674.98	Tune-up Limit (dBm)
30	PI/2 BPSK	1	1	23.05	23.06	23.07	23.7
Channel				503752	518998	532128	
Frequency (MHz)				2504.51	2592.99	2677.5	Tune-up Limit (dBm)
25	PI/2 BPSK	1	1	23.08	23.03	23.05	23.7
Channel				503274	518998	532358	
Frequency (MHz)				2509.52	2592.99	2679.98	Tune-up Limit (dBm)
20	PI/2 BPSK	1	1	22.96	23.02	22.99	23.7
Channel				505726	518998	532498	
Frequency (MHz)				2493.5	2592.99	2682.48	Tune-up Limit (dBm)
15	PI/2 BPSK	1	1	23.08	22.97	22.94	23.7
Channel				505252	518998	531702	
Frequency (MHz)				2501.01	2592.99	2685	Tune-up Limit (dBm)
10	PI/2 BPSK	1	1	23	22.98	23	23.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 [dBm]	Power Ch_2 [dBm]	Power Ch_3 [dBm]	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3630	3626.99	3629.99	
40		1	1	17.58	17.6	17.57	19
40		1	53	17.49	17.56	17.42	19
40	PI/2 BPSK	1	104	17.41	17.52	17.46	19
40		50	0	17.47	17.58	17.48	19
40		50	28	17.41	17.59	17.5	19
40		50	56	17.4	17.56	17.43	19
40		100	0	17.46	17.56	17.48	19
40		1	1	17.26	17.41	17.25	19
40		1	53	17.4	17.53	17.53	19
40		1	104	17.41	17.54	17.42	19
40	QPSK	50	0	17.41	17.55	17.56	19
40		50	28	17.51	17.45	17.38	19
40		50	56	17.35	17.56	17.42	19
40		100	0	17.39	17.46	17.34	19
40	16QAM	1	1	17.3	17.46	17.41	19
40	64QAM	1	1	17.42	17.51	17.47	19
40	256QAM	1	1	16.43	16.4	16.54	18
Channel				637668	641666	643664	Tune-up Limit [dBm]
Frequency [MHz]				3561.02	3625.99	3689.99	
30	PI/2 BPSK	1	1	17.6	17.56	17.61	19
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3560.01	3625.99	3690	
20	PI/2 BPSK	1	1	17.45	17.56	17.51	19
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3557.52	3625.99	3692.49	
15	PI/2 BPSK	1	1	17.52	17.57	17.47	19
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3555	3624.99	3694.99	
10	PI/2 BPSK	1	1	17.49	17.53	17.58	19

<FR1 n77 (27Q)_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 [dBm]	Power Ch_2 [dBm]	Power Ch_3 [dBm]	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3459.99		
100		1	1		17.37		18.9
100		1	137		17.31		18.9
100		1	271		17.26		18.9
100	PI/2 BPSK	136	0		17.33		18.9
100		136	69		17.29		18.9
100		136	136		17.23		18.9
100		270	0		17.3		18.9
100		1	1		17.14		18.9
100		1	137		17.27		18.9
100		1	271		17.14		18.9
100	QPSK	136	0		17.16		18.9
100		136	69		17.23		18.9
100		136	136		17.19		18.9
100		270	0		17.31		18.9
100	16QAM	1	1		17.16		18.9
100	64QAM	1	1		17.24		18.9
100	256QAM	1	1		17.22		18.9
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.99	3469.99	
90	PI/2 BPSK	1	1	17.19	17.22	17.16	18.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3452.52	3459.99	3510	
80	PI/2 BPSK	1	1	17.16	17.15	17.06	18.9
Channel				630332	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3451.01	3459.99	3514.99	
70	PI/2 BPSK	1	1	17.14	17.08	17.13	18.9
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.99	3519.99	
60	PI/2 BPSK	1	1	17.14	17.1	17.06	18.9
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3471.02	3459.99	3525	
50	PI/2 BPSK	1	1	17.1	17.08	17.16	18.9
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3471.01	3459.99	3529.99	
40	PI/2 BPSK	1	1	17.16	17.08	17.07	18.9
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3470	3459.99	3534.99	
30	PI/2 BPSK	1	1	17.13	17.11	17.16	18.9
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.51	3459.99	3537.48	
25	PI/2 BPSK	1	1	17.07	17.08	17.08	18.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3459.99	3540	
20	PI/2 BPSK	1	1	17.08	17.14	17.04	18.9
Channel				630332	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3467.5	3459.99	3542.49	
15	PI/2 BPSK	1	1	17.14	17.08	17.1	18.9
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3459.99	3544.99	
10	PI/2 BPSK	1	1	17.06	17.12	17.11	18.9

<FR1 n77 (27Q)_HPUE_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 [dBm]	Power Ch_2 [dBm]	Power Ch_3 [dBm]	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3459.99		
100		1	1		20.79		21.9
100		1	137		20.64		21.9
100		1	271		20.74		21.9
100	PI/2 BPSK	136	0		20.62		21.9
100		136	69		20.76		21.9
100		136	136		20.59		21.9
100		270	0		20.62		21.9
100		1	1		20.68		21.9
100		1	137		20.4		21.9
100		1	271		20.67		21.9
100	QPSK	136	0		20.73		21.9
100		136	69		20.64		21.9
100		136	136		20.65		21.9
100		270	0		20.73		21.9
100	16QAM	1	1		20.67		21.9
100	64QAM	1	1		20.79		21.9
100	256QAM	1	1		20.73		21.9
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.99	3489.99	
90	PI/2 BPSK	1	1	20.75	20.6	20.67	21.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3452.52	3459.99	3510	
80	PI/2 BPSK	1	1	20.61	20.64	20.6	21.9
Channel				630334	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3451.01	3459.99	3514.99	
70	PI/2 BPSK	1	1	20.67	20.69	20.56	21.9
Channel				630000	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.99	3519.99	
60	PI/2 BPSK	1	1	20.63	20.69	20.63	21.9
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3471.02	3459.99	3525	
50	PI/2 BPSK	1	1	20.47	20.59	20.6	21.9
Channel				631332	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3471.01	3459.99	3529.99	
40	PI/2 BPSK	1	1	20.47	20.59	20.66	21.9
Channel				631000	633332	635998	Tune-up Limit [dBm]
Frequency [MHz]				3470	3459.99	3534.99	
30	PI/2 BPSK	1	1	20.68	20.5	20.58	21.9
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.51	3459.99	3537.48	
25	PI/2 BPSK	1	1	20.72	20.55	20.6	21.9
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3459.99	3540	
20	PI/2 BPSK	1	1	20.63	20.69	20.62	21.9
Channel				630332	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3467.5	3459.99	3542.49	
15	PI/2 BPSK	1	1	20.6	20.54	20.66	21.9
Channel				630124	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3459.99	3544.99	
10	PI/2 BPSK	1	1	20.49	20.54	20.52	21.9

<FR1 n77 (27O)_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				660000	656000	652000	
Frequency [MHz]				3720	3680	3640	
100		1	1	17.31	17.67	17.28	18.9
100		1	137	17.26	17.35	17.1	18.9
100		1	271	17.17	17.56	17.24	18.9
100	PI/2 BPSK	135	0	17.34	17.43	17.08	18.9
100		134	69	17.36	17.46	17.16	18.9
100		134	134	17.16	17.27	17.09	18.9
100		270	0	17.18	17.27	17.26	18.9
100		1	1	17.2	17.36	17.08	18.9
100		1	137	17.36	17.36	17.19	18.9
100		1	271	17.28	17.38	17.02	18.9
100	QPSK	135	0	17.22	17.29	17.2	18.9
100		135	69	17.29	17.42	17.19	18.9
100		134	134	17.22	17.36	17.07	18.9
100		270	0	17.3	17.3	17.04	18.9
100	16QAM	1	1	17.26	17.27	17.06	18.9
100	64QAM	1	1	17.21	17.31	17.2	18.9
100	256QAM	1	1	17.22	17.3	17.33	18.9
Channel				669888	666336	662232	Tune-up Limit [dBm]
Frequency [MHz]				3740.52	3690	3639.96	
90	PI/2 BPSK	1	1	17.16	17.56	17.11	18.9
Channel				669234	666630	662988	Tune-up Limit [dBm]
Frequency [MHz]				3740.01	3690	3639.99	
80	PI/2 BPSK	1	1	17.27	17.48	17.16	18.9
Channel				668580	666060	663540	Tune-up Limit [dBm]
Frequency [MHz]				3735	3690	3645	
70	PI/2 BPSK	1	1	17.27	17.43	17.19	18.9
Channel				668268	666036	663804	Tune-up Limit [dBm]
Frequency [MHz]				3734.52	3690	3645.48	
60	PI/2 BPSK	1	1	17.2	17.45	17.12	18.9
Channel				668124	666036	663948	Tune-up Limit [dBm]
Frequency [MHz]				3733.71	3690	3646.29	
50	PI/2 BPSK	1	1	17.29	17.49	17.17	18.9
Channel				668580	666600	664620	Tune-up Limit [dBm]
Frequency [MHz]				3735	3690	3645	
40	PI/2 BPSK	1	1	17.29	17.53	17.16	18.9
Channel				667668	666336	664332	Tune-up Limit [dBm]
Frequency [MHz]				3731.52	3690	3648.48	
30	PI/2 BPSK	1	1	17.18	17.54	17.2	18.9
Channel				667500	666000	664500	Tune-up Limit [dBm]
Frequency [MHz]				3730.5	3690	3649.5	
25	PI/2 BPSK	1	1	17.3	17.43	17.19	18.9
Channel				667224	666036	664848	Tune-up Limit [dBm]
Frequency [MHz]				3729.01	3690	3650.99	
20	PI/2 BPSK	1	1	17.29	17.48	17.11	18.9
Channel				667188	666036	664884	Tune-up Limit [dBm]
Frequency [MHz]				3727.52	3690	3652.48	
15	PI/2 BPSK	1	1	17.29	17.47	17.22	18.9
Channel				667056	666036	665016	Tune-up Limit [dBm]
Frequency [MHz]				3726.5	3690	3653.5	
10	PI/2 BPSK	1	1	17.16	17.44	17.11	18.9

<FR1 n77 (27O)_HPUE_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				660000	656000	652000	
Frequency [MHz]				3720	3680	3640	
100		1	1	20.69	20.44	20.42	21.5
100		1	137	20.21	20.47	20.28	21.5
100		1	271	21.3	20.36	20.3	21.5
100	PI/2 BPSK	135	0	20.27	20.37	20.3	21.5
100		135	69	20.21	20.52	20.27	21.5
100		134	134	20.22	20.32	20.24	21.5
100		270	0	20.3	20.33	20.33	21.5
100		1	1	20.27	20.35	20.17	21.5
100		1	137	20.14	20.1	20.11	21.5
100		1	271	20.26	20.35	20.16	21.5
100	QPSK	135	0	20.21	20.36	20.21	21.5
100		135	69	20.22	20.42	20.26	21.5
100		134	134	20.19	20.36	20.16	21.5
100		270	0	20.3	20.36	20.29	21.5
100	16QAM	1	1	20.3	20.34	20.31	21.5
100	64QAM	1	1	20.17	20.32	20.29	21.5
100	256QAM	1	1	20.2	20.48	20.19	21.5
Channel				669888	666000	662232	Tune-up Limit [dBm]
Frequency [MHz]				3740.52	3690	3644.64	
90	PI/2 BPSK	1	1	20.61	20.62	20.33	21.5
Channel				669234	666630	662988	Tune-up Limit [dBm]
Frequency [MHz]				3740.01	3690	3639.99	
80	PI/2 BPSK	1	1	20.38	20.56	20.32	21.5
Channel				668580	666060	663540	Tune-up Limit [dBm]
Frequency [MHz]				3735	3690	3645	
70	PI/2 BPSK	1	1	20.42	20.49	20.41	21.5
Channel				668268	666036	663804	Tune-up Limit [dBm]
Frequency [MHz]				3734.52	3690	3645.48	
60	PI/2 BPSK	1	1	20.42	20.51	20.31	21.5
Channel				668124	666036	663948	Tune-up Limit [dBm]
Frequency [MHz]				3733.71	3690	3646.29	
50	PI/2 BPSK	1	1	20.43	20.39	20.31	21.5
Channel				668580	666600	664620	Tune-up Limit [dBm]
Frequency [MHz]				3735	3690	3645	
40	PI/2 BPSK	1	1	20.39	20.44	20.39	21.5
Channel				667668	666336	664332	Tune-up Limit [dBm]
Frequency [MHz]				3731.52	3690	3648.48	
30	PI/2 BPSK	1	1	20.65	20.63	20.4	21.5
Channel				667500	666000	664500	Tune-up Limit [dBm]
Frequency [MHz]				3730.5	3690	3649.5	
25	PI/2 BPSK	1	1	20.48	20.37	20.39	21.5
Channel				667224	666000	664848	Tune-up Limit [dBm]
Frequency [MHz]				3729.01	3690	3650.99	
20	PI/2 BPSK	1	1	20.44	20.61	20.29	21.5
Channel				667188	666036	664884	Tune-up Limit [dBm]
Frequency [MHz]				3727.52	3690	3652.48	
15	PI/2 BPSK	1	1	20.47	20.63	20.34	21.5
Channel				667056	666036	665016	Tune-up Limit [dBm]
Frequency [MHz]				3726.5	3690	3653.5	
10	PI/2 BPSK	1	1	20.45	20.5	20.34	21.5

<FR1 n78 (27Q)_Ant6_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3409.98		
100		1	0		17.09		18.9
100		1	137		17.03		18.9
100		1	275		17.02		18.9
100	PI/2 BPSK	135	0		17.02		18.9
100		135	69		17.1		18.9
100		135	135		17.09		18.9
100		270	0		16.99		18.9
100		1	0		16.93		18.9
100		1	137		17.03		18.9
100		1	271		17.12		18.9
100	QPSK	135	0		16.91		18.9
100		135	69		16.99		18.9
100		135	135		17.04		18.9
100		270	0		16.99		18.9
100	16QAM	1	1		17.06		18.9
100	64QAM	1	1		16.97		18.9
100	256QAM	1	1		17.08		18.9
Channel				633060	633332	633668	Tune-up Limit [dBm]
Frequency [MHz]				3450	3409.98	3535.68	
90	PI/2 BPSK	1	1	16.97	17.03	17.06	18.9
Channel				632940	633332	634056	Tune-up Limit [dBm]
Frequency [MHz]				3448.02	3409.98	3572	
80	PI/2 BPSK	1	1	16.97	17.03	16.96	18.9
Channel				632724	633332	634140	Tune-up Limit [dBm]
Frequency [MHz]				3445.01	3409.98	3614.88	
70	PI/2 BPSK	1	1	16.99	16.93	16.93	18.9
Channel				632508	633332	634356	Tune-up Limit [dBm]
Frequency [MHz]				3440	3409.98	3576.99	
60	PI/2 BPSK	1	1	16.95	16.89	16.89	18.9
Channel				631968	633332	634680	Tune-up Limit [dBm]
Frequency [MHz]				3437.52	3409.98	3607	
50	PI/2 BPSK	1	1	16.91	16.93	16.89	18.9
Channel				631464	633332	635200	Tune-up Limit [dBm]
Frequency [MHz]				3435.01	3409.98	3637.02	
40	PI/2 BPSK	1	1	16.88	17.03	16.86	18.9
Channel				631260	633332	635404	Tune-up Limit [dBm]
Frequency [MHz]				3432	3409.98	3632.98	
30	PI/2 BPSK	1	1	16.86	17.01	16.86	18.9
Channel				630564	633332	636852	Tune-up Limit [dBm]
Frequency [MHz]				3422.31	3409.98	3527.46	
25	PI/2 BPSK	1	1	16.88	16.93	17	18.9
Channel				630360	633332	636300	Tune-up Limit [dBm]
Frequency [MHz]				3420.52	3409.98	3563	
20	PI/2 BPSK	1	1	16.93	16.9	16.97	18.9
Channel				630156	633332	636748	Tune-up Limit [dBm]
Frequency [MHz]				3417.5	3409.98	3542.48	
15	PI/2 BPSK	1	1	16.92	17.01	16.93	18.9
Channel				630048	633332	636612	Tune-up Limit [dBm]
Frequency [MHz]				3415.01	3409.98	3534.99	
10	PI/2 BPSK	1	1	16.92	16.88	17.04	18.9

<FR1 n78 (27Q)_HPUE_Ant6_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1	20.83	21.33		21.9
100		1	137	20.09			21.9
100		1	271	20.01			21.9
100	PI/2 BPSK	135	0	20.93			21.9
100		135	68	20.52			21.9
100		135	136	20.61			21.9
100		270	0	20.63			21.9
100		1	1	20.3			21.9
100		1	137	20.63			21.9
100		1	271	20.53			21.9
100	QPSK	135	0	20.6			21.9
100		135	68	20.3			21.9
100		135	136	20.68			21.9
100		270	0	20.4			21.9
100	16QAM	1	1	20.73			21.9
100	64QAM	1	1	20.38			21.9
100	256QAM	1	1	20.64			21.9
Channel				623000	633332	623968	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3604.68	
90	PI/2 BPSK	1	1	20.38	20.62	20.3	21.9
Channel				622968	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3490.32	3499.99	3515	
80	PI/2 BPSK	1	1	20.49	20.57	20.36	21.9
Channel				622734	633332	643932	Tune-up Limit (dBm)
Frequency (MHz)				3489.01	3499.99	3514.98	
70	PI/2 BPSK	1	1	20.42	20.57	20.36	21.9
Channel				622500	633332	644166	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3515.99	
60	PI/2 BPSK	1	1	20.42	20.57	20.4	21.9
Channel				621966	633332	645000	Tune-up Limit (dBm)
Frequency (MHz)				3479.02	3499.99	3503	
50	PI/2 BPSK	1	1	20.3	20.51	20.37	21.9
Channel				621334	633332	645332	Tune-up Limit (dBm)
Frequency (MHz)				3479.01	3499.99	3509.98	
40	PI/2 BPSK	1	1	20.48	20.55	20.45	21.9
Channel				621000	633332	645666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3520.98	
30	PI/2 BPSK	1	1	20.54	20.49	20.36	21.9
Channel				620634	633332	646002	Tune-up Limit (dBm)
Frequency (MHz)				3480.01	3499.99	3537.48	
25	PI/2 BPSK	1	1	20.49	20.52	20.43	21.9
Channel				620368	633332	646302	Tune-up Limit (dBm)
Frequency (MHz)				3480.32	3499.99	3545	
20	PI/2 BPSK	1	1	20.48	20.57	20.46	21.9
Channel				620102	633332	646766	Tune-up Limit (dBm)
Frequency (MHz)				3479.8	3499.99	3552.48	
15	PI/2 BPSK	1	1	20.49	20.53	20.36	21.9
Channel				619734	633332	647232	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	20.42	20.5	20.42	21.9

<FR1 n78 (27O)_Ant6_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					640000		
Frequency (MHz)					3750		
100		1	1		17.98		18.9
100		1	137		17.98		18.9
100		1	271		17.98		18.9
100	PI/2 BPSK	135	0		17.98		18.9
100		135	68		17.99		18.9
100		135	136		17.92		18.9
100		270	0		17.9		18.9
100		1	1		17.95		18.9
100		1	137		17.98		18.9
100		1	271		17.92		18.9
100	QPSK	135	0		17.97		18.9
100		135	68		17.98		18.9
100		135	136		17.79		18.9
100		270	0		17.91		18.9
100	16QAM	1	1		17.71		18.9
100	64QAM	1	1		17.7		18.9
100	256QAM	1	1		17.8		18.9
Channel				639968	640000	640032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.68	
90	PI/2 BPSK	1	1	17.7	17.9	17.71	18.9
Channel				639936	640000	640064	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.67	17.77	17.7	18.9
Channel				639700	640000	640300	Tune-up Limit (dBm)
Frequency (MHz)				3733	3750	3765	
70	PI/2 BPSK	1	1	17.67	17.86	17.8	18.9
Channel				639166	640000	641002	Tune-up Limit (dBm)
Frequency (MHz)				3739.02	3750	3765.99	
60	PI/2 BPSK	1	1	17.66	17.79	17.68	18.9
Channel				638398	640000	641598	Tune-up Limit (dBm)
Frequency (MHz)				3729.61	3750	3770.39	
50	PI/2 BPSK	1	1	17.69	17.85	17.68	18.9
Channel				638050	640000	642000	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	17.66	17.79	17.62	18.9
Channel				637998	640000	642402	Tune-up Limit (dBm)
Frequency (MHz)				3734.58	3750	3765.39	
30	PI/2 BPSK	1	1	17.67	17.85	17.68	18.9
Channel				637950	640000	642050	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.66	17.88	17.67	18.9
Channel				637398	640000	642666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.66	17.83	17.66	18.9
Channel				637166	640000	642834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.66	17.77	17.62	18.9
Channel				637000	640000	643002	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3795	
10	PI/2 BPSK	1	1	17.65	17.88	17.69	18.9

<FR1 n78 (27O)_HPUE_Ant6_DSI3>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					640000		
Frequency (MHz)					3750		
100		1	1		20.93		21.9
100		1	137		20.58		21.9
100		1	271		20.54		21.9
100	PI/2 BPSK	135	0		20.6		21.9
100		135	68		20.53		21.9
100		135	136		20.62		21.9
100		270	0		20.68		21.9
100		1	1		20.68		21.9
100		1	137		20.6		21.9
100		1	271		20.57		21.9
100	QPSK	135	0		20.61		21.9
100		135	68		20.68		21.9
100		135	136		20.72		21.9
100		270	0		20.71		21.9
100	16QAM	1	1		20.54		21.9
100	64QAM	1	1		20.57		21.9
100	256QAM	1	1		20.68		21.9
Channel				639968	640000	640032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.68	
90	PI/2 BPSK	1	1	20.54	20.61	20.66	21.9
Channel				639936	640000	640064	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.49	20.58	20.59	21.9
Channel				639700	640000	640300	Tune-up Limit (dBm)
Frequency (MHz)				3733	3750	3765	
70	PI/2 BPSK	1	1	20.45	20.6	20.62	21.9
Channel				639166	640000	641002	Tune-up Limit (dBm)
Frequency (MHz)				3739.02	3750	3760.98	
60	PI/2 BPSK	1	1	20.6	20.54	20.57	21.9
Channel				638398	640000	641598	Tune-up Limit (dBm)
Frequency (MHz)				3729.61	3750	3770.39	
50	PI/2 BPSK	1	1	20.49	20.66	20.58	21.9
Channel				638050	640000	642000	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	20.47	20.52	20.57	21.9
Channel				637998	640000	642402	Tune-up Limit (dBm)
Frequency (MHz)				3734.58	3750	3765.39	
30	PI/2 BPSK	1	1	20.48	20.67	20.58	21.9
Channel				637950	640000	642050	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.51	20.67	20.59	21.9
Channel				637334	640000	642666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.48	20.66	20.6	21.9
Channel				637166	640000	642834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.49	20.68	20.58	21.9
Channel				637000	640000	643002	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3795	
10	PI/2 BPSK	1	1	20.42	20.67	20.5	21.9

<FR1 n7_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.93	16.04	15.8	16.7
50		1	135	15.81	15.98	15.7	16.7
50		1	268	15.81	16.01	15.62	16.7
50		135	0	15.83	15.97	15.71	16.7
50		135	68	15.8	16.05	15.68	16.7
50		135	135	15.79	16.02	15.63	16.7
50		270	0	15.79	16.03	15.66	16.7
50	QPSK	1	1	15.96	16.12	15.84	16.7
50		1	135	15.75	15.91	15.64	16.7
50		1	268	15.86	16.04	15.7	16.7
50		135	0	15.84	16	15.63	16.7
50		135	68	15.87	16.12	15.87	16.7
50		135	135	15.92	16.12	15.83	16.7
50		270	0	15.88	16.13	15.8	16.7
50	16QAM	1	1	15.71	15.95	15.58	16.7
50	64QAM	1	1	15.65	15.9	15.58	16.7
50	256QAM	1	1	15.79	15.99	15.67	16.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.88	15.94	15.71	16.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.91	16.03	15.76	16.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.9	15.9	15.67	16.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.89	15.96	15.68	16.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.82	15.98	15.77	16.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.79	16.02	15.73	16.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.91	15.93	15.77	16.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.78	15.95	15.71	16.7

<FR1 n66_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.51	19.54	19.47	20.5
45		1	120	19.3	19.35	19.19	20.5
45		1	240	19.39	19.49	19.38	20.5
45		120	0	19.23	19.4	19.24	20.5
45		120	60	19.3	19.47	19.31	20.5
45		120	120	19.16	19.32	19.24	20.5
45		240	0	19.36	19.45	19.29	20.5
45	QPSK	1	1	19.25	19.37	19.25	20.5
45		1	120	19.32	19.49	19.35	20.5
45		1	240	19.25	19.38	19.17	20.5
45		120	0	19.44	19.5	19.31	20.5
45		120	60	19.29	19.36	19.17	20.5
45		120	120	19.42	19.51	19.3	20.5
45		240	0	19.39	19.45	19.27	20.5
45	16QAM	1	1	19.4	19.54	19.32	20.5
45	64QAM	1	1	19.33	19.5	19.36	20.5
45	256QAM	1	1	18.57	18.62	18.49	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.38	19.43	19.38	20.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.47	19.51	19.39	20.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.44	19.41	19.36	20.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.36	19.47	19.36	20.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.48	19.44	19.37	20.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.45	19.49	19.45	20.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.38	19.47	19.32	20.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.38	19.47	19.39	20.5

<FR1 n38_Ant7_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2570	2590	2610	
40		1	1	19.02	19.06	19	20.2
40		1	53	18.91	18.91	18.79	20.2
40		1	104	18.9	19	18.81	20.2
40	PI/2 BPSK	50	0	18.76	18.9	18.74	20.2
40		50	28	18.9	19.03	18.92	20.2
40		50	56	18.81	18.99	18.9	20.2
40		100	0	18.87	19.06	18.87	20.2
40		1	1	18.93	19.05	18.95	20.2
40		1	53	18.85	18.99	18.84	20.2
40		1	104	18.92	19.09	18.91	20.2
40	QPSK	50	0	18.91	19.01	18.84	20.2
40		50	28	18.84	19.01	18.84	20.2
40		50	56	18.99	19.17	19.03	20.2
40		100	0	18.74	18.9	18.79	20.2
40	16QAM	1	1	18.94	19.02	18.82	20.2
40	64QAM	1	1	18.83	18.91	18.76	20.2
40	256QAM	1	1	18.35	18.45	18.31	19.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2590	2615	
20	PI/2 BPSK	1	1	18.9	18.96	18.87	20.2
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.5	2590	2607.5	
20	PI/2 BPSK	1	1	18.93	18.93	18.94	20.2
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2610	
20	PI/2 BPSK	1	1	18.99	18.97	18.94	20.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2612.5	
15	PI/2 BPSK	1	1	18.97	18.92	18.92	20.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	18.95	19.04	18.87	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.18	20.75	20.35	21.7
100		1	137	19.94	20.54	20.1	21.7
100	PI/2 BPSK	1	271	19.89	20.56	20.07	21.7
100		135	0	19.9	20.56	20.12	21.7
100		135	69	20.26	20.73	20.22	21.7
100		135	138	20.13	20.72	20.18	21.7
100		270	0	19.98	20.6	20.12	21.7
100		1	1	19.94	20.53	20.03	21.7
100		1	137	19.93	20.55	20	21.7
100		1	271	19.98	20.6	20.16	21.7
100	QPSK	135	0	19.95	20.6	20.12	21.7
100		135	69	20.11	20.79	20.33	21.7
100		135	138	20.05	20.71	20.17	21.7
100		270	0	19.91	20.61	20.13	21.7
100	16QAM	1	1	20.06	20.75	20.24	21.7
100	64QAM	1	1	19.06	19.67	19.16	20.2
100	256QAM	1	1	17.19	17.76	17.33	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.04	20.67	20.28	21.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.52	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.13	20.69	20.28	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.04	20.73	20.26	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.12	20.69	20.24	21.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.11	20.62	20.32	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.09	20.71	20.24	21.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.09	20.72	20.24	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.12	20.65	20.32	21.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.15	20.62	20.23	21.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.04	20.64	20.2	21.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.05	20.66	20.34	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.06	20.61	20.33	21.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.04	20.68	20.22	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.49	22.86	22.79	23.7
100		1	137	21.85	22.36	22.15	23.7
100		1	271	21.72	22.17	21.96	23.7
100	PI/2 BPSK	135	0	21.64	22.07	21.85	23.2
100		135	69	21.86	22.36	22.18	23.7
100		135	138	21.3	21.74	21.55	23.2
100		270	0	21.5	21.92	21.77	23.2
100		1	1	22.31	22.77	22.57	23.7
100		1	137	21.68	22.21	22.05	23.7
100		1	271	21.48	21.98	21.78	23.7
100	QPSK	135	0	21.16	21.57	21.39	22.7
100		135	69	21.81	22.34	22.23	23.7
100		135	138	20.98	21.27	21.12	22.7
100		270	0	21.03	21.49	21.33	22.7
100	16QAM	1	1	21.48	21.91	21.79	22.7
100	64QAM	1	1	19.98	20.41	20.26	21.2
100	256QAM	1	1	17.68	18.06	18.04	19.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.46	22.84	22.69	23.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.52	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.41	22.79	22.73	23.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.35	22.8	22.66	23.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	22.38	22.81	22.66	23.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.42	22.85	22.7	23.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.42	22.84	22.69	23.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.47	22.81	22.69	23.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.35	22.81	22.77	23.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.34	22.86	22.64	23.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.43	22.75	22.73	23.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.34	22.86	22.65	23.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.4	22.74	22.72	23.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.43	22.85	22.72	23.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636666	641666	646332	
Frequency (MHz)				3670	3624.99	3679.98	
40		1	1	18	18.25	18.17	19.9
40		1	53	17.96	18.23	18.07	19.9
40		1	104	17.83	18.12	18.02	19.9
40	PI/2 BPSK	50	0	17.37	17.68	17.53	19.4
40		50	29	17.91	18.24	18.13	19.9
40		50	58	17.27	17.62	17.45	19.4
40		100	0	17.32	17.59	17.45	19.4
40		1	1	17.79	18.03	17.96	19.9
40		1	53	17.71	18.06	17.96	19.9
40		1	104	17.76	18.12	18.01	19.9
40	QPSK	50	0	16.76	17.09	16.97	18.9
40		50	29	17.71	18.04	17.93	19.9
40		50	58	16.71	17.06	16.88	18.9
40		100	0	16.97	17.11	16.95	18.9
40	16QAM	1	1	16.67	16.95	16.77	18.9
40	64QAM	1	1	15.25	15.53	15.45	17.4
40	256QAM	1	1	13.31	13.54	13.37	15.4
Channel				637565	641565	645565	Tune-up Limit (dBm)
Frequency (MHz)				3565.03	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.88	18.12	18.04	19.9
Channel				637394	641564	645550	Tune-up Limit (dBm)
Frequency (MHz)				3563.01	3624.96	3680	
20	PI/2 BPSK	1	1	17.84	18.2	18.09	19.9
Channel				637166	641565	645766	Tune-up Limit (dBm)
Frequency (MHz)				3557.02	3624.99	3690.49	
15	PI/2 BPSK	1	1	17.96	18.1	18.14	19.9
Channel				637080	641565	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.91	18.21	18.03	19.9

<FR1 n77 (27Q)_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		17.98		18.3
100		1	137		17.84		18.3
100	PI/2 BPSK	1	271		17.8		18.3
100		135	0		17.83		18.3
100		135	69		17.96		18.3
100		135	138		17.85		18.3
100		270	0		17.90		18.3
100		1	1		17.83		18.3
100		1	137		17.79		18.3
100		1	271		17.8		18.3
100	QPSK	135	0		17.84		18.3
100		135	69		17.85		18.3
100		135	138		17.77		18.3
100		270	0		17.74		18.3
100	16QAM	1	1		17.9		18.3
100	64QAM	1	1		17.73		18.3
100	256QAM	1	1		17.95		18.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.95	17.93	17.73	18.3
Channel				633066	633332	633600	Tune-up Limit (dBm)
Frequency (MHz)				3496.02	3499.98	30.13	
80	PI/2 BPSK	1	1	17.94	17.91	17.72	18.3
Channel				633144	633332	633532	Tune-up Limit (dBm)
Frequency (MHz)				3495.81	3499.98	3504.98	
70	PI/2 BPSK	1	1	17.96	17.97	17.8	18.3
Channel				633100	633332	633566	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.98	3510.99	
60	PI/2 BPSK	1	1	17.9	17.88	17.65	18.3
Channel				631566	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3473.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.91	17.79	17.67	18.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.96	17.91	17.83	18.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.97	17.78	17.97	18.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.97	17.91	17.91	18.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.91	17.86	17.69	18.3
Channel				630330	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.89	17.8	17.7	18.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.84	17.8	17.71	18.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.03		21.3
100		1	137		20.7		21.3
100		1	271		20.65		21.3
100	PI/2 BPSK	135	0		20.67		21.3
100		135	69		20.76		21.3
100		135	138		20.8		21.3
100		270	0		20.71		21.3
100		1	1		20.86		21.3
100		1	137		20.61		21.3
100		1	271		20.67		21.3
100	QPSK	135	0		20.85		21.3
100		135	69		20.85		21.3
100		135	138		20.85		21.3
100		270	0		20.78		21.3
100	16QAM	1	1		20.66		21.3
100	64QAM	1	1		20.29		20.6
100	256QAM	1	1		18.7		18.8
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.85	20.78	20.68	21.3
Channel				633066	633332	633600	Tune-up Limit (dBm)
Frequency (MHz)				3496.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.79	20.75	20.57	21.3
Channel				633144	633332	633532	Tune-up Limit (dBm)
Frequency (MHz)				3495.81	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.74	20.68	20.53	21.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.78	20.69	20.59	21.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3473.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.78	20.68	20.53	21.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.75	20.67	20.57	21.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.72	20.74	20.62	21.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.83	20.88	20.59	21.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.78	20.87	20.61	21.3
Channel				630330	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.81	20.84	20.63	21.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.72	20.76	20.55	21.3

<FR1 n77 (27O)_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			656000	656666	656000	
	Frequency (MHz)			3720	3840	3920	
100		1	1	17.32	17.41	17.04	18.3
100		1	137	16.99	17.12	16.59	18.3
100		1	271	16.86	17.17	16.79	18.3
100	PI/2 BPSK	135	0	17	16.99	16.56	18.3
100		135	69	16.9	17.18	16.72	18.3
100		135	138	17.02	17.15	16.71	18.3
100		270	0	17.02	17.24	16.73	18.3
100		1	1	16.67	17.09	16.59	18.3
100		1	137	17.05	17.05	16.63	18.3
100		1	271	16.99	17.07	16.58	18.3
100	QPSK	135	0	16.94	17.05	16.63	18.3
100		135	69	16.97	17.16	16.57	18.3
100		135	138	17.07	17.03	16.71	18.3
100		270	0	16.91	17.03	16.59	18.3
100	16QAM	1	1	17.04	17.23	16.79	18.3
100	64QAM	1	1	16.97	17.13	16.71	18.3
100	256QAM	1	1	17.04	17.16	16.65	18.3
	Channel			649666	656000	662334	Tune-up Limit (dBm)
	Frequency (MHz)			3749.02	3840	3930.98	
90	PI/2 BPSK	1	1	17.22	17.33	17	18.3
	Channel			649334	656000	662666	Tune-up Limit (dBm)
	Frequency (MHz)			3749.01	3840	3930.99	
80	PI/2 BPSK	1	1	17.22	17.33	16.97	18.3
	Channel			649000	656000	663000	Tune-up Limit (dBm)
	Frequency (MHz)			3735	3840	3945	
70	PI/2 BPSK	1	1	17.26	17.32	16.91	18.3
	Channel			648668	656000	663332	Tune-up Limit (dBm)
	Frequency (MHz)			3733.02	3840	3946.98	
60	PI/2 BPSK	1	1	17.23	17.38	16.92	18.3
	Channel			648334	656000	663666	Tune-up Limit (dBm)
	Frequency (MHz)			3733.01	3840	3946.99	
50	PI/2 BPSK	1	1	17.3	17.31	16.96	18.3
	Channel			648000	656000	664000	Tune-up Limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	17.27	17.31	16.96	18.3
	Channel			647668	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3718.02	3840	3961.98	
30	PI/2 BPSK	1	1	17.21	17.29	16.91	18.3
	Channel			647000	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.24	17.32	16.9	18.3
	Channel			647334	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.19	17.28	16.91	18.3
	Channel			647168	656000	664832	Tune-up Limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.18	17.34	17.02	18.3
	Channel			647000	656000	665000	Tune-up Limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	17.27	17.37	17.01	18.3

<FR1 n77 (27O)_HPUE_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			656000	656000	662000	
	Frequency (MHz)			3720	3840	3960	
100		1	1	20.35	20.23	20.1	21.3
100		1	137	19.98	20.04	19.78	21.3
100	PI/2 BPSK	1	271	20.19	20.2	19.83	21.3
100		135	0	20.23	20.17	20.08	21.3
100		135	69	20.26	20.28	20.06	21.3
100		135	138	20.33	20.13	20.01	21.3
100		270	0	20.15	20.35	19.91	21.3
100		1	1	20.32	20.24	20.04	21.3
100		1	137	20.16	20.21	19.89	21.3
100		1	271	20.18	20.23	19.83	21.3
100	QPSK	135	0	20.17	20.14	19.94	21.3
100		135	69	20.19	20.26	20.01	21.3
100		135	138	20.11	20.27	19.87	21.3
100		270	0	20.23	20.31	19.98	21.3
100	16QAM	1	1	20.32	20.33	19.92	21.3
100	64QAM	1	1	19.66	19.8	19.48	20.8
100	256QAM	1	1	18.07	18.13	17.91	19.3
	Channel			649666	656000	662334	Tune-up Limit (dBm)
	Frequency (MHz)			3749.02	3840	3930.98	
90	PI/2 BPSK	1	1	20.36	20.21	20.06	21.3
	Channel			649334	656000	662666	Tune-up Limit (dBm)
	Frequency (MHz)			3749.01	3840	3930.99	
80	PI/2 BPSK	1	1	20.23	20.13	19.88	21.3
	Channel			649000	656000	663000	Tune-up Limit (dBm)
	Frequency (MHz)			3735	3840	3945	
70	PI/2 BPSK	1	1	20.28	20.09	20.03	21.3
	Channel			648668	656000	663332	Tune-up Limit (dBm)
	Frequency (MHz)			3733.02	3840	3946.98	
60	PI/2 BPSK	1	1	20.29	20.15	20.04	21.3
	Channel			648334	656000	663666	Tune-up Limit (dBm)
	Frequency (MHz)			3733.01	3840	3946.99	
50	PI/2 BPSK	1	1	20.29	20.14	20.01	21.3
	Channel			648000	656000	664000	Tune-up Limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	20.28	20.21	20.05	21.3
	Channel			647668	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3718.02	3840	3961.98	
30	PI/2 BPSK	1	1	20.31	20.14	19.96	21.3
	Channel			647000	656000	664000	Tune-up Limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.35	20.2	19.98	21.3
	Channel			647334	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.24	20.1	20.07	21.3
	Channel			647168	656000	664832	Tune-up Limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.31	20.12	20.06	21.3
	Channel			647000	656000	665000	Tune-up Limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	20.21	20.17	20.02	21.3

<FR1 n78 (27Q)_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel				630332		
	Frequency (MHz)				3499.66		
100		1	1		17.97		18.3
100		1	137		17.79		18.3
100	PI/2 BPSK	1	271		17.79		18.3
100		135	0		17.86		18.3
100		135	69		18.02		18.3
100		135	138		17.79		18.3
100		270	0		17.86		18.3
100		1	1		17.81		18.3
100		1	137		17.79		18.3
100		1	271		17.85		18.3
100	QPSK	135	0		17.98		18.3
100		135	69		17.8		18.3
100		135	138		17.91		18.3
100		270	0		17.84		18.3
100	16QAM	1	1		17.99		18.3
100	64QAM	1	1		17.85		18.3
100	256QAM	1	1		17.96		18.3
	Channel			633000	633334	633666	Tune-up Limit (dBm)
	Frequency (MHz)			3460	3499.98	3539.99	
90	PI/2 BPSK	1	1	17.99	17.96	17.94	18.3
	Channel			632668	633334	634000	Tune-up Limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3539.98	
80	PI/2 BPSK	1	1	17.93	17.93	17.92	18.3
	Channel			632334	633332	634332	Tune-up Limit (dBm)
	Frequency (MHz)			3460.07	3499.98	3539.98	
70	PI/2 BPSK	1	1	17.87	17.88	17.88	18.3
	Channel			632000	633333	634666	Tune-up Limit (dBm)
	Frequency (MHz)			3460	3499.99	3539.99	
60	PI/2 BPSK	1	1	17.95	17.92	17.71	18.3
	Channel			631666	633332	635000	Tune-up Limit (dBm)
	Frequency (MHz)			3473.52	3499.98	3526	
50	PI/2 BPSK	1	1	17.93	17.89	17.71	18.3
	Channel			631334	633332	635330	Tune-up Limit (dBm)
	Frequency (MHz)			3473.57	3499.98	3526.48	
40	PI/2 BPSK	1	1	17.87	17.95	17.81	18.3
	Channel			631000	633332	635666	Tune-up Limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.86	17.94	17.82	18.3
	Channel			630634	633332	635832	Tune-up Limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.93	17.92	17.91	18.3
	Channel			630668	633332	636000	Tune-up Limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.93	17.91	17.77	18.3
	Channel			630330	633332	636166	Tune-up Limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.86	17.93	17.8	18.3
	Channel			630334	633332	636332	Tune-up Limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.87	17.85	17.79	18.3

<FR1 n78 (27Q)_HPUE_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					636332		
Frequency (MHz)					3496.98		
100	PI/2 BPSK	1	1		20.79		21.3
100		1	137		20.5		21.3
100		1	271		20.71		21.3
100		135	0		20.54		21.3
100		135	69		20.62		21.3
100		135	138		20.72		21.3
100		270	0		20.66		21.3
100	QPSK	1	1		20.7		21.3
100		1	137		20.65		21.3
100		1	271		20.56		21.3
100		135	0		20.49		21.3
100		135	69		20.69		21.3
100		135	138		20.52		21.3
100	16QAM	270	0		20.54		21.3
100		1	1		20.6		21.3
100	64QAM	1	1		19.9		20.8
100	256QAM	1	1		19.09		19.8
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3496.98	3504.99	
90	PI/2 BPSK	1	1	20.52	20.8	20.58	21.3
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3464.32	3496.98	3503	
80	PI/2 BPSK	1	1	20.39	20.52	20.01	21.3
Channel				632995	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3463.31	3496.98	3514.98	
70	PI/2 BPSK	1	1	20.45	20.52	20.05	21.3
Channel				633001	633332	634665	Tune-up Limit (dBm)
Frequency (MHz)				3465	3496.98	3514.99	
60	PI/2 BPSK	1	1	20.46	20.53	20.45	21.3
Channel				631998	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3475.32	3496.98	3535	
50	PI/2 BPSK	1	1	20.39	20.56	20.52	21.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3496.98	3529.31	
40	PI/2 BPSK	1	1	20.41	20.51	20.5	21.3
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3496.98	3524.99	
30	PI/2 BPSK	1	1	20.41	20.58	20.41	21.3
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3462.31	3496.98	3527.46	
25	PI/2 BPSK	1	1	20.49	20.5	20.48	21.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3463.32	3496.98	3566	
20	PI/2 BPSK	1	1	20.5	20.56	20.43	21.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3496.98	3542.49	
15	PI/2 BPSK	1	1	20.4	20.56	20.43	21.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3496.98	3544.99	
10	PI/2 BPSK	1	1	20.5	20.52	20.4	21.3

<FR1 n78 (27O)_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.6		18.3
100		1	137		17.6		18.3
100		1	271		17.66		18.3
100		135	0		17.65		18.3
100		135	69		17.67		18.3
100		135	138		17.62		18.3
100		270	0		17.62		18.3
100	QPSK	1	1		17.71		18.3
100		1	137		17.54		18.3
100		1	271		17.68		18.3
100		135	0		17.63		18.3
100		135	69		17.57		18.3
100		135	138		17.6		18.3
100	16QAM	270	0		17.51		18.3
100		1	1		17.58		18.3
100	64QAM	1	1		17.65		18.3
100	256QAM	1	1		17.5		18.3
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.65	17.63	17.6	18.3
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3754.98	
80	PI/2 BPSK	1	1	17.5	17.48	17.48	18.3
Channel				648990	650000	651166	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3765	
70	PI/2 BPSK	1	1	17.53	17.57	17.55	18.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.6	17.52	17.53	18.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.56	17.6	17.49	18.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.6	17.5	17.56	18.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3714.02	3750	3785.98	
30	PI/2 BPSK	1	1	17.53	17.52	17.54	18.3
Channel				647330	650000	652670	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.61	17.51	17.58	18.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.62	17.57	17.5	18.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.56	17.55	17.47	18.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.64	17.53	17.55	18.3

<FR1 n78 (27O)_HPUE_Ant9_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.37		21.3
100		1	137		19.87		21.3
100		1	271		20.04		21.3
100		135	0		20.06		21.3
100		135	69		20.06		21.3
100		135	138		19.89		21.3
100		270	0		19.99		21.3
100	QPSK	1	1		19.87		21.3
100		1	137		19.98		21.3
100		1	271		19.82		21.3
100		135	0		20		21.3
100		135	69		20.01		21.3
100		135	138		19.86		21.3
100	16QAM	270	0		19.98		21.3
100		1	1		20.07		21.3
100	64QAM	1	1		19.76		21.3
100	256QAM	1	1		19.43		19.3
Channel				649668	650332	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.98	19.98	20.01	21.3
Channel				649334	650332	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3754.98	
80	PI/2 BPSK	1	1	19.83	19.96	19.96	21.3
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3765	
70	PI/2 BPSK	1	1	19.85	19.98	19.98	21.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.86	19.96	19.98	21.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.96	19.98	19.94	21.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.9	19.91	19.99	21.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3714.02	3750	3785.98	
30	PI/2 BPSK	1	1	19.88	19.94	19.93	21.3
Channel				647330	650000	652670	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.93	19.94	19.94	21.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.9	19.93	19.96	21.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.87	19.92	19.99	21.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.88	19.97	19.98	21.3

<FR1 n38_Ant4_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.16	17.32	17.26	18.2
40		1	53	16.86	17.11	16.97	18.2
40		1	104	16.85	17.12	16.96	18.2
40	PI/2 BPSK	50	0	17.11	17.24	17.16	18.2
40		50	28	16.92	17.2	17.11	18.2
40		50	56	16.8	17.09	17	18.2
40		100	0	17.11	17.24	17.16	18.2
40		1	1	16.74	17.01	16.87	18.2
40		1	53	16.96	17.18	17.07	18.2
40		1	104	17.07	17.3	17.14	18.2
40	QPSK	50	0	16.88	17.09	16.99	18.2
40		50	28	16.73	17	16.93	18.2
40		50	56	16.63	17.11	16.93	18.2
40		100	0	16.97	17.15	17.07	18.2
40	16QAM	1	1	16.91	17.12	16.96	18.2
40	64QAM	1	1	16.9	17.17	17.07	18.2
40	256QAM	1	1	16.96	17.22	17.1	18.2
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	17.13	17.24	17.24	18.2
Channel				510500	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2590	2597.5	
25	PI/2 BPSK	1	1	17.02	17.27	17.15	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	17.07	17.24	17.24	18.2
Channel				510250	516000	522250	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	17.13	17.24	17.25	18.2
Channel				510500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	17.02	17.25	17.16	18.2

<FR1 n41_Ant4_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.19	17.34	17.28	18.2
100		1	137	16.75	16.95	16.89	18.2
100		1	271	17.03	17.26	17.1	18.2
100	PI/2 BPSK	135	0	17.09	17.26	17.19	18.2
100		135	69	17.13	17.3	17.2	18.2
100		135	138	16.85	17.13	16.99	18.2
100		270	0	17.13	17.29	17.19	18.2
100		1	1	16.78	17.08	16.88	18.2
100		1	137	16.96	17.25	17.14	18.2
100		1	271	17.2	17.36	17.19	18.2
100	QPSK	135	0	16.71	16.95	16.76	18.2
100		135	69	17.08	17.29	17.22	18.2
100		135	138	17.11	17.4	17.22	18.2
100		270	0	16.97	17.09	16.97	18.2
100	16QAM	1	1	17.01	17.24	17.13	18.2
100	64QAM	1	1	16.98	17.2	17.11	18.2
100	256QAM	1	1	16.42	16.64	16.48	17.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.11	17.38	17.26	18.2
Channel				507354	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2526.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.16	17.32	17.15	18.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2521.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.17	17.2	17.18	18.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2520	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.05	17.31	17.25	18.2
Channel				504354	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2520.12	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.05	17.23	17.26	18.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.11	17.39	17.27	18.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.09	17.36	17.26	18.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.17	17.23	17.17	18.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.17	17.27	17.24	18.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.18	17.39	17.2	18.2
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.17	17.31	17.23	18.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.05	17.27	17.13	18.2
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.11	17.25	17.25	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.39	20.43	20.32	21.2
100		1	137	20.18	20.3	20.17	21.2
100		1	271	20.24	20.33	20.12	21.2
100	PI/2 BPSK	135	0	20.15	20.33	20.08	21.2
100		135	69	20.3	20.47	20.27	21.2
100		135	138	20.24	20.41	20.2	21.2
100		270	0	20.28	20.43	20.25	21.2
100		1	1	20.32	20.42	20.27	21.2
100		1	137	20.27	20.41	20.21	21.2
100		1	271	20.25	20.34	20.21	21.2
100	QPSK	135	0	20.27	20.44	20.27	21.2
100		135	69	20.29	20.39	20.26	21.2
100		135	138	20.16	20.27	20.02	21.2
100		270	0	20.27	20.33	20.16	21.2
100	16QAM	1	1	20.27	20.37	20.23	21.2
100	64QAM	1	1	20.17	20.23	20.02	21.2
100	256QAM	1	1	19.58	19.7	19.58	20.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.32	20.4	20.23	21.2
Channel				507354	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2526.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.24	20.36	20.27	21.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2521.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.34	20.32	20.3	21.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2520	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.36	20.35	20.24	21.2
Channel				504354	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2520.12	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.36	20.35	20.29	21.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.34	20.38	20.29	21.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.35	20.4	20.27	21.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.36	20.31	20.29	21.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.31	20.34	20.2	21.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.25	20.38	20.3	21.2
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.27	20.36	20.18	21.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.35	20.38	20.27	21.2
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.27	20.33	20.18	21.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	17.39	17.45	17.44	18.2
40		1	53	17.24	17.41	17.26	18.2
40		1	104	17.18	17.39	17.36	18.2
40	PI/2 BPSK	50	0	17.08	17.36	17.33	18.2
40		50	28	17.27	17.4	17.24	18.2
40		50	56	17.05	17.13	17.05	18.2
40		100	0	17.06	17.27	17.06	18.2
40		1	1	17.1	17.24	17.11	18.2
40		1	53	17.3	17.39	17.32	18.2
40		1	104	17.04	17.49	17.42	18.2
40	QPSK	50	0	17.16	17.31	17.22	18.2
40		50	28	17.29	17.49	17.41	18.2
40		50	56	17.05	17.35	17.04	18.2
40		100	0	17.04	17.24	17.11	18.2
40	16QAM	1	1	17.38	17.46	17.4	18.2
40	64QAM	1	1	17.49	17.57	17.53	18.2
40	256QAM	1	1	17.52	17	17.53	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2685	2590	2495	
30	PI/2 BPSK	1	1	17.29	17.39	17.43	18.2
Channel				510500	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2682.5	2590	2497.5	
25	PI/2 BPSK	1	1	17.29	17.4	17.32	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2680	2590	2500	
20	PI/2 BPSK	1	1	17.31	17.42	17.32	18.2
Channel				510250	516000	522250	Tune-up Limit (dBm)
Frequency (MHz)				2677.5	2590	2502.5	
15	PI/2 BPSK	1	1	17.36	17.34	17.36	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2675	2590	2505	
10	PI/2 BPSK	1	1	17.25	17.34	17.34	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.56	17.66	17.63	18.7
100		1	137	17.37	17.73	17.47	18.7
100		1	271	17.76	17.62	17.69	18.7
100	PI/2 BPSK	135	0	17.6	17.76	17.57	18.7
100		135	69	17.69	17.67	17.8	18.7
100		135	138	17.62	17.79	17.58	18.7
100		270	0	17.7	17.69	17.68	18.7
100		1	1	17.62	17.77	17.54	18.7
100		1	137	17.54	17.66	17.41	18.7
100		1	271	17.68	17.66	17.59	18.7
100	QPSK	135	0	17.73	17.61	17.58	18.7
100		135	69	17.71	17.78	17.54	18.7
100		135	138	17.76	17.64	17.72	18.7
100		270	0	17.6	17.69	17.4	18.7
100	16QAM	1	1	17.66	17.74	17.52	18.7
100	64QAM	1	1	17.67	17.65	17.78	18.7
100	256QAM	1	1	16.89	16.83	16.8	17.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.67	17.66	17.77	18.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.69	17.67	17.68	18.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.61	17.64	17.77	18.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	17.67	17.66	17.81	18.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.69	17.62	17.71	18.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.9	17.62	17.74	18.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.89	17.91	17.77	18.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.81	17.89	17.7	18.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	17.66	17.66	17.81	18.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.91	17.88	17.71	18.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.66	17.89	17.7	18.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.4	21.02	20.89	21.7
100		1	137	20.63	20.78	20.58	21.7
100		1	271	20.73	20.88	20.7	21.7
100	PI/2 BPSK	135	0	20.58	20.72	20.5	21.7
100		135	69	20.64	20.98	20.64	21.7
100		135	138	20.54	20.93	20.59	21.7
100		270	0	20.75	20.92	20.66	21.7
100		1	1	20.64	20.89	20.62	21.7
100		1	137	20.81	20.97	20.77	21.7
100		1	271	20.68	20.9	20.7	21.7
100	QPSK	135	0	20.65	20.86	20.66	21.7
100		135	69	20.7	20.97	20.69	21.7
100		135	138	20.63	20.94	20.6	21.7
100		270	0	20.64	20.86	20.46	21.7
100	16QAM	1	1	20.79	20.93	20.7	21.7
100	64QAM	1	1	20.68	20.85	20.66	21.7
100	256QAM	1	1	20.56	20.7	20.53	20.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.76	20.94	20.77	21.7
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.83	20.96	20.87	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.78	21.01	20.88	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	20.88	20.85	21.7
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	20.81	20.94	20.76	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.89	20.96	20.75	21.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.77	20.94	20.77	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.75	20.91	20.85	21.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.79	20.94	20.85	21.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	20.96	20.83	21.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	20.84	20.97	20.82	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.82	21.01	20.81	21.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.81	20.97	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	20.38	20.59	20.47	21.7
40		1	53	20.2	20.55	20.36	21.7
40		1	104	20.21	20.52	20.36	21.7
40	PI/2 BPSK	50	0	20.13	20.42	20.16	21.7
40		50	28	20.14	20.42	20.29	21.7
40		50	56	20.22	20.45	20.24	21.7
40		100	0	20.2	20.52	20.27	21.7
40		1	1	20.18	20.43	20.17	21.7
40		1	53	20.15	20.46	20.25	21.7
40		1	104	20.12	20.45	20.29	21.7
40	QPSK	50	0	20.33	20.62	20.46	21.7
40		50	28	20.18	20.48	20.33	21.7
40		50	56	20.38	20.63	20.42	21.7
40		100	0	20.11	20.42	20.26	21.7
40	16QAM	1	1	20.3	20.63	20.43	21.7
40	64QAM	1	1	19.21	19.48	19.34	20.7
40	256QAM	1	1	17.74	17.6	17.86	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	20.24	20.49	20.43	21.7
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2580	2607.5	
20	PI/2 BPSK	1	1	20.3	20.58	20.33	21.7
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	20.24	20.5	20.4	21.7
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	20.33	20.44	20.36	21.7
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	20.29	20.47	20.42	21.7

<FR1 n41_Ant6_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.89	20.16	19.83	20.5
100		1	137	19.7	20.07	19.73	20.5
100		1	271	19.72	20.1	19.65	20.5
100	PI/2 BPSK	135	0	19.08	19.66	19.09	20.5
100		135	69	19.72	20.11	19.74	20.5
100		135	138	19.66	19.95	19.67	20.5
100		270	0	19.03	19.66	19.61	20.5
100		1	1	19.52	19.96	19.59	20.5
100		1	137	19.52	20.01	19.63	20.5
100		1	271	19.65	20.02	19.67	20.5
100	QPSK	135	0	19.65	20.14	19.7	20.5
100		135	69	19.69	20.11	19.71	20.5
100		135	138	19.7	20.09	19.71	20.5
100		270	0	19.71	20.15	19.78	20.5
100	16QAM	1	1	19.6	20.09	19.64	20.5
100	64QAM	1	1	19.08	19.46	19.05	20.5
100	256QAM	1	1	18.74	20.16	18.77	20.5
Channel				509202	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.69	20.05	19.72	20.5
Channel				507294	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	20.12	19.77	20.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.8	20.09	19.81	20.5
Channel				505260	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	20.13	19.73	20.5
Channel				504324	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	19.76	20.13	19.75	20.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.67	20.04	19.8	20.5
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.76	20.05	19.77	20.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.72	20.1	19.79	20.5
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.74	20.03	19.79	20.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.74	20.05	19.81	20.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.78	20.14	19.79	20.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	20.12	19.81	20.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.73	20.03	19.76	20.5

<FR1 n41_HPUE_Ant6_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.81	23.14	22.9	23.5
100		1	137	22.65	22.97	22.85	23.5
100		1	271	22.7	23.11	22.83	23.5
100	PI/2 BPSK	135	0	22.62	23.06	22.77	23.5
100		135	69	22.72	23.14	22.79	23.5
100		135	138	22.66	23.03	22.74	23.5
100		270	0	22.7	23.05	22.67	23.5
100		1	1	22.69	23.12	22.83	23.5
100		1	137	22.61	22.98	22.84	23.5
100		1	271	22.78	23.15	22.76	23.5
100	QPSK	135	0	22.68	23.02	22.77	23.5
100		135	69	22.59	23.05	22.67	23.5
100		135	138	22.79	23.15	22.77	23.5
100		270	0	22.51	22.94	22.69	23.5
100	16QAM	1	1	22.8	23.16	22.8	23.5
100	64QAM	1	1	21.75	22.2	21.94	22.7
100	256QAM	1	1	19.84	20.15	19.83	20.5
Channel				509202	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.78	23.11	22.85	23.5
Channel				507294	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.78	23.03	22.86	23.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.7	23.07	22.85	23.5
Channel				505260	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.72	23.06	22.76	23.5
Channel				504324	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	22.75	23.04	22.85	23.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.73	23.04	22.77	23.5
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.77	23.02	22.76	23.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.67	23.01	22.84	23.5
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.71	23.01	22.8	23.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.72	23.04	22.82	23.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.73	23.05	22.83	23.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.7	23.06	22.85	23.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.68	23.02	22.88	23.5

<FR1 n38_Ant7_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	18.61	18.54	18.67	20.2
40		1	53	18.59	18.61	18.67	20.2
40		1	104	18.76	18.66	18.84	20.2
40	PI/2 BPSK	50	0	18.5	18.74	18.52	20.2
40		50	28	18.76	18.66	18.89	20.2
40		50	56	18.72	18.65	18.83	20.2
40		100	0	18.7	18.66	18.76	20.2
40		1	1	18.77	18.66	18.83	20.2
40		1	53	18.68	18.68	18.72	20.2
40		1	104	18.68	18.63	18.8	20.2
40	QPSK	50	0	18.61	18.59	18.61	20.2
40		50	28	18.79	18.66	18.83	20.2
40		50	56	18.64	18.51	18.64	20.2
40		100	0	18.59	18.79	18.62	20.2
40	16QAM	1	1	18.63	19.04	18.65	20.2
40	64QAM	1	1	18.46	18.63	18.48	19.7
40	256QAM	1	1	16.62	16.75	16.62	17.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	18.63	19.01	18.88	20.2
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2580	2607.5	
20	PI/2 BPSK	1	1	18.77	18.9	18.84	20.2
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	18.86	18.97	18.95	20.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	18.79	18.95	18.86	20.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	18.82	18.94	18.9	20.2

<FR1 n41_Ant7_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.12	20.6	20.31	21.5
100		1	137	19.94	20.46	19.93	21.5
100		1	271	20.02	20.57	20.13	21.5
100	PI/2 BPSK	135	0	20	20.52	20.09	21.5
100		135	69	20.2	20.57	20.14	21.5
100		135	138	19.93	20.53	20.1	21.5
100		270	0	19.89	20.39	19.92	21.5
100		1	1	19.85	20.47	20.02	21.5
100		1	137	19.78	20.36	19.91	21.5
100		1	271	20.06	20.55	20.03	21.5
100	QPSK	135	0	19.87	20.44	20.03	21.5
100		135	69	20.19	20.79	20.29	21.5
100		135	138	20.03	20.55	20.1	21.5
100		270	0	19.98	20.61	20.21	21.5
100	16QAM	1	1	20.23	20.73	20.32	21.5
100	64QAM	1	1	19.63	20.13	19.6	21
100	256QAM	1	1	17.7	18.2	17.79	19
Channel				509202	518598	526590	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.06	20.55	20.11	21.5
Channel				507294	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.51	20.14	21.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.03	20.56	20.14	21.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.01	20.51	20.15	21.5
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.68	
50	PI/2 BPSK	1	1	20	20.5	20.17	21.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.1	20.57	20.09	21.5
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.99	20.46	20.18	21.5
Channel				502704	518598	534468	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.47	20.12	21.5
Channel				502200	518598	534966	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.01	20.52	20.07	21.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.07	20.47	20.12	21.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.98	20.58	20.17	21.5
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.98	20.51	20.13	21.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20	20.52	20.19	21.5

<FR1 n41_HPUE_Ant7_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.66	23.49	23.71	24.5
100		1	137	22.5	23.37	22.94	24.5
100		1	271	22.5	23.36	23.07	24.5
100	PI/2 BPSK	135	0	22	23.02	22.8	24
100		135	69	22.52	23.37	23.1	24.5
100		135	138	22	22.79	22.54	24
100		270	0	22	22.82	22.6	24
100		1	1	22.5	23.78	23.39	24.5
100		1	137	22.5	23.27	22.95	24.5
100		1	271	22.51	23.31	23	24.5
100	QPSK	135	0	21.52	22.5	22.24	23.5
100		135	69	22.5	23.29	22.95	24.5
100		135	138	21.5	22.23	21.95	23.5
100		270	0	21.51	22.44	22.2	23.5
100	16QAM	1	1	21.52	22.7	22.46	23.5
100	64QAM	1	1	20.04	21.21	20.99	22
100	256QAM	1	1	18.13	19.39	18.97	20
Channel				509202	518598	526590	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	22.57	23.88	23.01	24.5
Channel				507294	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.55	23.88	23.63	24.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.52	23.86	23.62	24.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	22.55	23.92	23.62	24.5
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.68	
50	PI/2 BPSK	1	1	22.6	23.92	23.65	24.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.51	23.78	23.68	24.5
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.54	23.9	23.39	24.5
Channel				502704	518598	534468	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.59	23.8	23.62	24.5
Channel				502200	518598	534966	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.6	23.9	23.68	24.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.52	23.9	23.58	24.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	23.97	23.63	24.5
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.52	23.93	23.58	24.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.52	23.92	23.67	24.5

<FR1 n5_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	25.43	25.42	25.41	25.7
20		1	53	25.27	25.44	25.25	25.7
20		1	104	25.4	25.43	25.36	25.7
20		50	0	24.66	24.67	24.64	25.2
20		50	28	25.29	25.44	25.37	25.7
20		50	56	24.79	24.87	24.75	25.2
20		100	0	24.61	24.65	24.61	25.2
20	QPSK	1	1	25.27	25.42	25.37	25.7
20		1	53	25.25	25.4	25.22	25.7
20		1	104	25.21	25.36	25.26	25.7
20		50	0	24.29	24.44	24.36	24.7
20		50	28	25.37	25.4	25.33	25.7
20		50	56	24.26	24.38	24.2	24.7
20		100	0	24.32	24.46	24.34	24.7
20	16QAM	1	1	24.29	24.38	24.32	24.7
20	64QAM	1	1	22.73	22.8	22.62	23.2
20	256QAM	1	1	20.64	20.67	20.78	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.37	25.43	25.36	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.35	25.33	25.35	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.4	25.32	25.34	25.7

<FR1 n12_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.84	25.28	24.86	25.7
15		1	40	24.69	25.2	24.86	25.7
15		1	77	24.73	25.27	24.89	25.7
15		36	0	24.04	24.5	24.09	25.2
15		36	22	24.3	24.69	24.37	25.7
15		36	43	24.38	24.82	24.38	25.2
15		75	0	24.39	24.85	24.49	25.2
15	QPSK	1	1	24.78	25.3	24.98	25.7
15		1	40	24.79	25.31	24.86	25.7
15		1	77	24.81	25.32	24.87	25.7
15		36	0	23.71	24.18	23.84	24.7
15		36	22	24.37	24.82	24.46	25.7
15		36	43	23.84	24.32	23.97	24.7
15		75	0	23.8	24.36	24.01	24.7
15	16QAM	1	1	23.6	24.16	23.76	24.7
15	64QAM	1	1	22.17	22.66	22.2	23.2
15	256QAM	1	1	20.3	20.72	20.32	21.2
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.78	25.34	24.84	25.7
Channel				140800	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				704.0	707.5	713.5	
5	PI/2 BPSK	1	1	24.75	25.22	24.84	25.7

<FR1 n26_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	25.39	25.43	25.33	25.7
20		1	63	25.11	25.4	25.18	25.7
20		1	104	25.06	25.31	25.14	25.7
20		50	0	24.68	24.87	24.66	25.2
20		50	28	25.24	25.4	25.28	25.7
20		50	56	24.68	24.87	24.71	25.2
20		100	0	24.7	24.9	24.72	25.2
20	QPSK	1	1	25.16	25.39	25.1	25.7
20		1	63	25.08	25.29	25.08	25.7
20		1	104	25.09	25.39	25.07	25.7
20		50	0	24.23	24.38	24.14	24.7
20		50	28	25.19	25.39	25.2	25.7
20		50	56	24.15	24.35	24.14	24.7
20		100	0	24.14	24.4	24.27	24.7
20	16QAM	1	1	24.11	24.28	24.08	24.7
20	64QAM	1	1	22.5	22.72	22.6	23.2
20	256QAM	1	1	20.54	20.75	20.84	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.24	25.33	25.29	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.17	25.37	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.16	25.42	25.27	25.7

<FR1 n5_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	21.9	21.94	21.92	22.2
20		1	53	21.72	21.68	21.68	22.2
20		1	104	21.72	21.8	21.76	22.2
20	PI/2 BPSK	50	0	21.55	21.55	21.4	22.2
20		50	28	21.75	21.86	21.82	22.2
20		50	56	21.29	21.25	21.21	22.2
20		100	0	21.34	21.34	21.28	22.2
20		1	1	21.75	21.81	21.76	22.2
20		1	53	21.89	21.92	21.95	22.2
20		1	104	21.65	21.72	21.77	22.2
20	QPSK	50	0	21.52	21.59	21.55	22.2
20		50	28	21.55	21.62	21.56	22.2
20		50	56	21.67	21.66	21.65	22.2
20		100	0	21.66	21.68	21.63	22.2
20	16QAM	1	1	21.48	21.49	21.46	22.2
20	64QAM	1	1	21.8	21.81	21.81	22.2
20	256QAM	1	1	20.52	20.5	20.48	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.83	21.8	21.79	22.2
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.76	21.71	21.85	22.2
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.76	21.73	21.84	22.2

<FR1 n12_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	21.35	21.47	21.3	21.7
15		1	49	21.15	21.33	21.1	21.7
15	PI/2 BPSK	1	77	21.17	21.34	21.1	21.7
15		36	0	21.32	21.36	21.26	21.7
15		36	22	21.3	21.41	21.31	21.7
15		36	43	21.13	21.37	21.07	21.7
15		75	0	21.21	21.4	21.2	21.7
15		1	1	21.23	21.37	21.09	21.7
15		1	49	21.15	21.32	21.1	21.7
15		1	77	21.23	21.39	21.16	21.7
15	QPSK	36	0	21.16	21.34	21.1	21.7
15		36	22	21.14	21.33	21.03	21.7
15		36	43	21.12	21.3	21.02	21.7
15		75	0	21.13	21.36	21.05	21.7
15	16QAM	1	1	21.24	21.41	21.22	21.7
15	64QAM	1	1	21.12	21.38	21.09	21.7
15	256QAM	1	1	20.01	20.83	20.65	21.2
Channel				140850	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				706	707.5	710	
10	PI/2 BPSK	1	1	21.22	21.41	21.25	21.7
Channel				140850	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				705.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.23	21.45	21.18	21.7

<FR1 n26_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	21.89	21.95	21.9	22.2
20		1	53	21.78	21.9	21.78	22.2
20		1	104	21.84	21.75	21.58	22.2
20	PI/2 BPSK	50	0	21.71	21.82	21.74	22.2
20		50	28	21.77	21.91	21.81	22.2
20		50	56	21.55	21.63	21.45	22.2
20		100	0	21.51	21.62	21.57	22.2
20		1	1	21.75	21.88	21.76	22.2
20		1	53	21.76	21.9	21.82	22.2
20		1	104	21.59	21.79	21.67	22.2
20	QPSK	50	0	21.71	21.81	21.71	22.2
20		50	28	21.64	21.78	21.58	22.2
20		50	56	21.71	21.78	21.63	22.2
20		100	0	21.68	21.88	21.74	22.2
20	16QAM	1	1	21.64	21.81	21.69	22.2
20	64QAM	1	1	21.58	21.79	21.68	22.2
20	256QAM	1	1	20.71	20.83	20.7	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.77	21.93	21.85	22.2
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.75	21.89	21.88	22.2
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.81	21.95	21.8	22.2

<FR1 n2_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	23.78	23.81	23.76	24.2
40		1	108	23.54	23.7	23.62	24.2
40		1	214	23.72	23.77	23.67	24.2
40	Pi/2 BPSK	108	0	23.58	23.67	23.5	24.2
40		108	54	23.73	23.8	23.73	24.2
40		108	108	23.63	23.78	23.7	24.2
40		216	0	23.63	23.75	23.68	24.2
40		1	1	23.57	23.64	23.51	24.2
40		1	108	23.55	23.66	23.55	24.2
40		1	214	23.63	23.71	23.53	24.2
40	QPSK	108	0	23.57	23.66	23.56	24.2
40		108	54	23.55	23.72	23.56	24.2
40		108	108	23.77	23.82	23.68	24.2
40		216	0	23.59	23.64	23.5	24.2
40	16QAM	1	1	23.64	23.7	23.5	24.2
40	64QAM	1	1	22.55	22.69	22.53	23.2
40	256QAM	1	1	20.64	20.73	20.64	21.2
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	23.74	23.69	23.72	24.2
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	23.7	23.76	23.67	24.2
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	23.75	23.68	23.65	24.2
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	23.72	23.73	23.7	24.2
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	23.67	23.69	23.68	24.2
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	23.65	23.74	23.65	24.2
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	23.72	23.67	23.66	24.2

<FR1 n7_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	22.55	22.58	22.46	22.7
50		1	135	22.39	22.47	22.28	22.7
50		1	268	22.32	22.48	22.31	22.7
50	Pi/2 BPSK	135	0	22.31	22.44	22.21	22.7
50		135	68	22.38	22.47	22.25	22.7
50		135	135	22.33	22.4	22.18	22.7
50		270	0	22.32	22.46	22.26	22.7
50		1	1	22.37	22.41	22.23	22.7
50		1	135	22.39	22.5	22.24	22.7
50		1	268	22.41	22.47	22.23	22.7
50	QPSK	135	0	22.16	22.34	22.16	22.7
50		135	68	22.29	22.45	22.26	22.7
50		135	135	22.32	22.45	22.19	22.7
50		270	0	22.41	22.48	22.27	22.7
50	16QAM	1	1	22.29	22.44	22.28	22.7
50	64QAM	1	1	22.44	22.58	22.34	22.7
50	256QAM	1	1	20.92	21.03	20.86	21.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	22.48	22.47	22.39	22.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	22.48	22.48	22.45	22.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	22.52	22.53	22.39	22.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	22.47	22.5	22.38	22.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	22.43	22.45	22.35	22.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	22.42	22.51	22.34	22.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	22.45	22.51	22.31	22.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	22.45	22.57	22.34	22.7

<FR1 n25_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.85	23.89	23.82	24.2
40		1	108	23.51	23.64	23.42	24.2
40		1	214	23.57	23.75	23.56	24.2
40		108	0	23.68	23.73	23.54	24.2
40		108	54	23.69	23.78	23.63	24.2
40		108	108	23.58	23.77	23.58	24.2
40		216	0	23.79	23.93	23.75	24.2
40	QPSK	1	1	23.62	23.69	23.52	24.2
40		1	108	23.73	23.79	23.7	24.2
40		1	214	23.71	23.84	23.66	24.2
40		108	0	23.77	23.83	23.71	24.2
40		108	54	23.68	23.86	23.73	24.2
40		108	108	23.66	23.78	23.64	24.2
40		216	0	23.7	23.75	23.54	24.2
40	16QAM	1	1	23.68	23.75	23.65	24.2
40	64QAM	1	1	22.72	22.83	22.68	23.2
40	256QAM	1	1	20.78	20.89	20.68	21.2
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.78	23.87	23.76	24.2
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.81	23.78	23.75	24.2
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.79	23.78	23.67	24.2
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.82	23.83	23.75	24.2
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.74	23.85	23.74	24.2
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.76	23.76	23.71	24.2
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.79	23.83	23.74	24.2

<FR1 n66_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.89	23.95	23.91	24.2
45		1	120	23.77	23.84	23.76	24.2
45		1	240	23.72	23.87	23.79	24.2
45		120	0	23.82	23.93	23.78	24.2
45		120	60	23.84	23.94	23.82	24.2
45		120	120	23.86	23.93	23.85	24.2
45		240	0	23.9	24.06	23.93	24.2
45	QPSK	1	1	23.73	23.88	23.72	24.2
45		1	120	23.58	23.79	23.65	24.2
45		1	240	23.9	24.07	24	24.2
45		120	0	23.75	23.94	23.84	24.2
45		120	60	23.73	23.83	23.67	24.2
45		120	120	23.76	23.84	23.77	24.2
45		240	0	23.74	23.92	23.83	24.2
45	16QAM	1	1	23.75	23.86	23.79	24.2
45	64QAM	1	1	22.76	22.88	22.79	23.2
45	256QAM	1	1	20.59	20.79	20.72	21.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.8	23.92	23.83	24.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.79	23.85	23.85	24.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.75	23.88	23.85	24.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.82	23.8	23.82	24.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.83	23.94	23.9	24.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.82	23.91	23.89	24.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.78	23.82	23.88	24.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.79	23.83	23.81	24.2

<FR1 n38_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				516000	518998	520000	
Frequency (MHz)				2580	2589	2600	
40		1	1	22.79	22.99	22.92	23.2
40		1	53	23.7	22.88	22.73	23.2
40		1	104	22.41	22.6	22.47	23.2
40	PI/2 BPSK	50	0	22.84	22.62	22.98	23.2
40		50	28	22.89	22.66	22.75	23.2
40		50	56	22.45	22.7	22.56	23.2
40		100	0	22.98	22.79	22.93	23.2
40		1	1	22.51	22.65	22.45	23.2
40		1	53	22.54	22.76	22.55	23.2
40		1	104	22.99	22.76	22.92	23.2
40	QPSK	50	0	22.72	22.66	22.71	23.2
40		50	28	22.6	22.72	22.98	23.2
40		50	56	22.62	22.79	22.95	23.2
40		100	0	22.76	22.67	22.89	23.2
40	16QAM	1	1	22.39	22.62	22.42	23.2
40	64QAM	1	1	22.7	22.66	22.72	23.2
40	256QAM	1	1	20.74	20.99	20.78	21.2
Channel				517000	518998	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2589	2605	
30	PI/2 BPSK	1	1	22.73	22.81	22.72	23.2
Channel				518000	518998	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2589	2607.5	
25	PI/2 BPSK	1	1	22.71	22.85	22.67	23.2
Channel				518500	518998	522000	Tune-up Limit (dBm)
Frequency (MHz)				2595	2589	2610	
20	PI/2 BPSK	1	1	22.67	22.85	22.72	23.2
Channel				519000	518998	522500	Tune-up Limit (dBm)
Frequency (MHz)				2597.5	2589	2612.5	
15	PI/2 BPSK	1	1	22.68	22.63	22.71	23.2
Channel				519500	518998	523000	Tune-up Limit (dBm)
Frequency (MHz)				2670	2589	2615	
10	PI/2 BPSK	1	1	22.72	22.77	22.81	23.2

<FR1 n41_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528000	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	22.42	22.46	22.4	23.2
100		1	137	22.69	22.21	22.08	23.2
100		1	271	22.2	22.39	22.18	23.2
100	PI/2 BPSK	135	0	22.28	22.42	22.23	23.2
100		135	69	22.34	22.45	22.33	23.2
100		135	135	22.24	22.4	22.26	23.2
100		270	0	22.29	22.38	22.27	23.2
100		1	1	22.52	22.17	21.95	23.2
100		1	137	22.43	22.39	22.42	23.2
100		1	271	22.42	22.39	22.42	23.2
100	QPSK	135	0	22.11	22.27	22.13	23.2
100		135	69	22.01	22.45	22.27	23.2
100		135	135	22.39	22.31	22.32	23.2
100		270	0	22.19	22.28	22.12	23.2
100	16QAM	1	1	22.26	22.43	22.26	23.2
100	64QAM	1	1	22.44	22.54	22.38	23.2
100	256QAM	1	1	20.3	20.5	20.38	21.2
Channel				506230	518998	528998	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2648.98	
90	PI/2 BPSK	1	1	22.54	22.39	22.52	23.2
Channel				507228	518998	529998	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2659.98	
80	PI/2 BPSK	1	1	22.53	22.46	22.52	23.2
Channel				508722	518998	531598	Tune-up Limit (dBm)
Frequency (MHz)				2667.01	2692.98	2693	
70	PI/2 BPSK	1	1	22.53	22.43	22.39	23.2
Channel				509335	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2724	2692.98	2699.98	
60	PI/2 BPSK	1	1	22.52	22.45	22.35	23.2
Channel				509734	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				282.102	2692.98	2684.98	
50	PI/2 BPSK	1	1	22.29	22.39	22.34	23.2
Channel				509795	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2678.9	2692.98	2687.48	
45	PI/2 BPSK	1	1	22.55	22.42	22.26	23.2
Channel				509352	518998	530330	Tune-up Limit (dBm)
Frequency (MHz)				2670.01	2692.98	2680.5	
40	PI/2 BPSK	1	1	22.36	22.46	22.31	23.2
Channel				509734	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2673.52	2692.98	2672.48	
35	PI/2 BPSK	1	1	22.4	22.42	22.32	23.2
Channel				509230	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2679.98	
30	PI/2 BPSK	1	1	22.56	22.44	22.34	23.2
Channel				507152	518998	530152	Tune-up Limit (dBm)
Frequency (MHz)				2664.51	2692.98	2677.5	
25	PI/2 BPSK	1	1	22.53	22.43	22.34	23.2
Channel				507724	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2669.52	2692.98	2679.98	
20	PI/2 BPSK	1	1	22.52	22.43	22.31	23.2
Channel				508706	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2683.5	2692.98	2682.48	
15	PI/2 BPSK	1	1	22.52	22.41	22.29	23.2
Channel				509352	518998	531352	Tune-up Limit (dBm)
Frequency (MHz)				2691.01	2692.98	2685	
10	PI/2 BPSK	1	1	22.49	22.36	22.33	23.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				506252	518998	528000	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	25.9	25.91	25.87	26.5
100		1	137	25.99	25.74	25.94	26.5
100		1	271	25.71	25.86	25.7	26.5
100	PI/2 BPSK	135	0	25.36	25.44	25.36	26.5
100		135	69	25.71	25.86	25.98	26.5
100		135	135	25.33	25.48	25.36	26.5
100		270	0	25.32	25.42	25.21	26.5
100		1	1	25.65	25.76	25.63	26.5
100		1	137	25.82	25.73	25.84	26.5
100		1	271	25.73	25.86	25.77	26.5
100	QPSK	135	0	25.78	25.34	25.33	26
100		135	69	25.7	25.83	25.99	26.5
100		135	135	25.45	25.53	25.46	26
100		270	0	25.46	25.51	25.44	26
100	16QAM	1	1	25.28	25.39	25.22	26
100	64QAM	1	1	23.98	24.03	23.92	24.5
100	256QAM	1	1	21.88	22.03	21.9	22.5
Channel				506250	518998	529998	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2648.98	
90	PI/2 BPSK	1	1	25.88	25.81	25.77	26.5
Channel				507252	518998	529998	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2659.98	
80	PI/2 BPSK	1	1	25.86	25.85	25.83	26.5
Channel				508722	518998	531598	Tune-up Limit (dBm)
Frequency (MHz)				2667.01	2692.98	2693	
70	PI/2 BPSK	1	1	25.84	25.79	25.75	26.5
Channel				509335	518998	531166	Tune-up Limit (dBm)
Frequency (MHz)				2724	2692.98	2699.98	
60	PI/2 BPSK	1	1	25.83	25.8	25.8	26.5
Channel				509734	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				282.102	2692.98	2684.98	
50	PI/2 BPSK	1	1	25.79	25.89	25.85	26.5
Channel				509795	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2678.9	2692.98	2687.48	
45	PI/2 BPSK	1	1	25.87	25.79	25.81	26.5
Channel				509352	518998	530330	Tune-up Limit (dBm)
Frequency (MHz)				2670.01	2692.98	2680.5	
40	PI/2 BPSK	1	1	25.8	25.83	25.81	26.5
Channel				509734	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2673.52	2692.98	2672.48	
35	PI/2 BPSK	1	1	25.81	25.85	25.79	26.5
Channel				509230	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2679.98	
30	PI/2 BPSK	1	1	25.87	25.82	25.77	26.5
Channel				507152	518998	530152	Tune-up Limit (dBm)
Frequency (MHz)				2664.51	2692.98	2677.5	
25	PI/2 BPSK	1	1	25.82	25.88	25.84	26.5
Channel				507724	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2669.52	2692.98	2679.98	
20	PI/2 BPSK	1	1	25.86	25.81	25.85	26.5
Channel				507704	518998	530998	Tune-up Limit (dBm)
Frequency (MHz)				2683.5	2692.98	2682.48	
15	PI/2 BPSK	1	1	25.79	25.8	25.84	26.5
Channel				509352	518998	531352	Tune-up Limit (dBm)
Frequency (MHz)				2691.01	2692.98	2685	
10	PI/2 BPSK	1	1	25.76	25.86	25.79	26.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				636000	641666	643332	
Frequency [MHz]				3570	3625.98	3679.66	
40		1	1	20.78	20.85	20.73	22
40		1	53	20.49	20.81	20.63	22
40	PI/2 BPSK	1	104	20.42	20.73	20.57	22
40		50	0	20.86	20.81	20.66	22
40		50	28	20.67	20.83	20.68	22
40		50	56	20.45	20.76	20.54	22
40		100	0	20.63	20.68	20.51	22
40		1	1	20.86	20.83	20.66	22
40		1	53	20.68	20.80	20.66	22
40		1	104	20.6	20.68	20.51	22
40	QPSK	50	0	20.74	20.83	20.58	22
40		50	28	20.6	20.78	20.58	22
40		50	56	20.6	20.68	20.53	22
40		100	0	20.6	20.79	20.59	22
40	16QAM	1	1	20.6	20.77	20.66	22
40	64QAM	1	1	20.49	20.68	20.5	22
40	256QAM	1	1	18.89	19.06	18.93	20.5
Channel				637668	641666	645664	Tune-up Limit [dBm]
Frequency [MHz]				3561.02	3625.98	3690.94	
30	PI/2 BPSK	1	1	20.77	20.76	20.68	22
Channel				637334	641666	645998	Tune-up Limit [dBm]
Frequency [MHz]				3560.01	3625.98	3692	
20	PI/2 BPSK	1	1	20.65	20.77	20.58	22
Channel				637168	641666	646164	Tune-up Limit [dBm]
Frequency [MHz]				3557.52	3625.98	3692.48	
15	PI/2 BPSK	1	1	20.74	20.77	20.72	22
Channel				637000	641666	646332	Tune-up Limit [dBm]
Frequency [MHz]				3555	3625.98	3696.93	
10	PI/2 BPSK	1	1	20.44	20.79	20.71	22

<FR1 n77 (27Q)_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		22.38		23.7
100		1	137		22.32		23.7
100		1	271		22.34		23.7
100	PI/2 BPSK	136	0		22.39		23.7
100		136	69		22.31		23.7
100		136	136		22.24		23.7
100		270	0		22.42		23.7
100		1	1		22.49		23.7
100		1	137		22.34		23.7
100		1	271		22.47		23.7
100	QPSK	136	0		22.33		23.7
100		136	69		22.19		23.7
100		136	136		22.21		23.7
100		270	0		22.34		23.7
100	16QAM	1	1		22.36		23.7
100	64QAM	1	1		22.37		23.7
100	256QAM	1	1		22.38		23.7
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.34	22.53	22.21	22.7
Channel				632946	633332	633720	Tune-up Limit [dBm]
Frequency [MHz]				3494.52	3499.98	3505	
80	PI/2 BPSK	1	1	22.32	22.44	22.1	22.7
Channel				632724	633332	633772	Tune-up Limit [dBm]
Frequency [MHz]				3493.01	3499.98	3506.98	
70	PI/2 BPSK	1	1	22.26	22.41	22.19	22.7
Channel				632500	633332	634164	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
60	PI/2 BPSK	1	1	22.23	22.3	22.18	22.7
Channel				631968	633332	634696	Tune-up Limit [dBm]
Frequency [MHz]				3473.52	3499.98	3527	
50	PI/2 BPSK	1	1	22.19	22.32	22.11	22.7
Channel				631248	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.24	22.37	22.15	22.7
Channel				631080	633332	635996	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	22.23	22.4	22.12	22.7
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.28	22.42	22.12	22.7
Channel				630588	633332	636036	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3499.98	3540	
20	PI/2 BPSK	1	1	22.26	22.45	22.11	22.7
Channel				630132	633332	636732	Tune-up Limit [dBm]
Frequency [MHz]				3462.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	22.19	22.48	22.13	22.7
Channel				629724	633332	636732	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.99	
10	PI/2 BPSK	1	1	22.19	22.46	22.15	22.7

<FR1 n77 (27Q)_HPUE_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3499.98		
100		1	1		25.31		26
100		1	137		25.21		26
100		1	271		25.28		26
100	PI/2 BPSK	136	0		24.64		26
100		136	69		25.24		26
100		136	136		24.96		26
100		270	0		24.77		26
100		1	1		25.24		26
100		1	137		25.06		26
100		1	271		25.38		26
100	QPSK	136	0		24.89		26
100		136	69		24.63		26
100		136	136		24.76		26
100		270	0		24.63		26
100	16QAM	1	1		24.77		26
100	64QAM	1	1		24.69		26
100	256QAM	1	1		23.61		24.5
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.06	24.77	24.83	26
Channel				632946	633332	633720	Tune-up Limit [dBm]
Frequency [MHz]				3494.52	3499.98	3505	
80	PI/2 BPSK	1	1	24.93	24.72	24.72	26
Channel				632724	633332	633772	Tune-up Limit [dBm]
Frequency [MHz]				3493.01	3499.98	3506.98	
70	PI/2 BPSK	1	1	25.01	24.7	24.73	26
Channel				632500	633332	634164	Tune-up Limit [dBm]
Frequency [MHz]				3490	3499.98	3509.98	
60	PI/2 BPSK	1	1	24.96	24.72	24.76	26
Channel				631968	633332	634696	Tune-up Limit [dBm]
Frequency [MHz]				3473.52	3499.98	3527	
50	PI/2 BPSK	1	1	24.93	24.62	24.72	26
Channel				631248	633332	635332	Tune-up Limit [dBm]
Frequency [MHz]				3472.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.97	24.79	24.76	26
Channel				631080	633332	635996	Tune-up Limit [dBm]
Frequency [MHz]				3468	3499.98	3532.98	
30	PI/2 BPSK	1	1	25.08	24.66	24.82	26
Channel				630834	633332	635832	Tune-up Limit [dBm]
Frequency [MHz]				3467.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.96	24.69	24.75	26
Channel				630588	633332	636036	Tune-up Limit [dBm]
Frequency [MHz]				3465.52	3499.98	3540	
20	PI/2 BPSK	1	1	24.95	24.64	24.82	26
Channel				630132	633332	636732	Tune-up Limit [dBm]
Frequency [MHz]				3462.9	3499.98	3542.48	
15	PI/2 BPSK	1	1	24.89	24.63	24.7	26
Channel				629724	633332	636732	Tune-up Limit [dBm]
Frequency [MHz]				3463.01	3499.98	3544.99	
10	PI/2 BPSK	1	1	25.08	24.66	24.76	26

<FR1 n77 (27O)_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				22.01	3940	3900	
100		1	1	22.21	22.45	22.05	22.7
100		1	137	22.02	22.17	21.99	22.7
100		1	271	22.3	22.34	21.99	22.7
100	PI/2 BPSK	135	0	22.28	22.3	22.08	22.7
100		135	68	22.12	22.33	21.97	22.7
100		135	136	22.25	22.33	22.09	22.7
100		270	0	22.18	22.25	21.94	22.7
100		1	1	22.25	22.13	21.98	22.7
100		1	137	22.25	22.03	21.97	22.7
100		1	271	22.15	22.22	22.05	22.7
100	QPSK	135	0	22.19	22.28	22.06	22.7
100		135	68	22.19	22.33	22.08	22.7
100		135	136	22.18	22.24	21.98	22.7
100		270	0	22.27	22.29	21.99	22.7
100	16QAM	1	1	22.12	22.15	21.98	22.7
100	64QAM	1	1	22.19	22.27	21.99	22.7
100	256QAM	1	1	22.2	22.19	21.98	22.7
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3700.02	3940	3934.98	
90	PI/2 BPSK	1	1	22.22	22.44	21.96	22.7
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3700.01	3940	3939.99	
80	PI/2 BPSK	1	1	22.26	22.38	22.03	22.7
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3725	3940	3945	
70	PI/2 BPSK	1	1	22.21	22.34	21.99	22.7
Channel				649384	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3704.52	3940	3945.48	
60	PI/2 BPSK	1	1	22.17	22.41	21.96	22.7
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3700.01	3940	3954.99	
50	PI/2 BPSK	1	1	22.28	22.37	21.91	22.7
Channel				649040	656000	662960	Tune-up Limit (dBm)
Frequency (MHz)				3725	3940	3960	
40	PI/2 BPSK	1	1	22.21	22.5	21.96	22.7
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3940	3969.98	
30	PI/2 BPSK	1	1	22.26	22.38	22.01	22.7
Channel				647608	656000	664392	Tune-up Limit (dBm)
Frequency (MHz)				3712.8	3940	3967.2	
25	PI/2 BPSK	1	1	22.26	22.43	21.96	22.7
Channel				647224	656000	664968	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3940	3969.99	
20	PI/2 BPSK	1	1	22.28	22.42	21.96	22.7
Channel				647164	656000	664836	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3940	3972.48	
15	PI/2 BPSK	1	1	22.28	22.42	21.92	22.7
Channel				647032	656000	664968	Tune-up Limit (dBm)
Frequency (MHz)				3705	3940	3975	
10	PI/2 BPSK	1	1	22.28	22.41	21.93	22.7

<FR1 n77 (27O)_HPUE_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3700	3940	3980	
100		1	1	24.91	25.33	24.48	26
100		1	137	25.2	25.18	25.13	26
100		1	271	25.16	25.21	25.31	26
100	PI/2 BPSK	135	0	25.23	25.38	25.29	26
100		135	68	25.21	25.17	25.2	26
100		135	135	25.18	25.28	25.19	26
100		270	0	25.21	25.15	25.2	26
100		1	1	25.14	25.22	25.13	26
100		1	137	25.22	25.32	25.12	26
100		1	271	25.16	25.13	25.09	26
100	QPSK	135	0	25.22	25.1	25.26	26
100		135	68	25.29	25.19	25.2	26
100		135	135	25.32	25.26	25.14	26
100		270	0	25.19	25.29	25.13	26
100	16QAM	1	1	25.2	25.17	25.19	26
100	64QAM	1	1	25.12	25.15	25.28	26
100	256QAM	1	1	23.11	23.48	22.77	24.5
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3940	3934.98	
90	PI/2 BPSK	1	1	24.86	25.21	24.32	26
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3940	3939.99	
80	PI/2 BPSK	1	1	24.85	25.24	24.45	26
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3725	3940	3955	
70	PI/2 BPSK	1	1	24.77	25.26	24.34	26
Channel				649384	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3712.52	3940	3945.48	
60	PI/2 BPSK	1	1	24.77	25.22	24.4	26
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3940	3954.99	
50	PI/2 BPSK	1	1	24.86	25.29	24.37	26
Channel				649040	656000	662960	Tune-up Limit (dBm)
Frequency (MHz)				3725	3940	3960	
40	PI/2 BPSK	1	1	24.88	25.29	24.41	26
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3940	3969.98	
30	PI/2 BPSK	1	1	24.78	25.28	24.42	26
Channel				647608	656000	664392	Tune-up Limit (dBm)
Frequency (MHz)				3712.8	3940	3967.2	
25	PI/2 BPSK	1	1	24.86	25.28	24.38	26
Channel				647224	656000	664968	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3940	3969.49	
20	PI/2 BPSK	1	1	24.88	25.18	24.34	26
Channel				647164	656000	664836	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3940	3972.48	
15	PI/2 BPSK	1	1	24.78	25.19	24.36	26
Channel				647032	656000	664968	Tune-up Limit (dBm)
Frequency (MHz)				3705	3940	3975	
10	PI/2 BPSK	1	1	24.88	25.22	24.43	26

<FR1 n78 (27Q)_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3959.93		
100		1	1		22.36		22.7
100		1	137		22.34		22.7
100		1	271		22.26		22.7
100	PI/2 BPSK	135	0		22.31		22.7
100		135	68		22.46		22.7
100		135	135		22.2		22.7
100		270	0		22.28		22.7
100		1	1		22.1		22.7
100		1	137		22.26		22.7
100		1	271		22.48		22.7
100	QPSK	135	0		22.1		22.7
100		135	68		22.1		22.7
100		135	135		22.28		22.7
100		270	0		22.41		22.7
100	16QAM	1	1		22.31		22.7
100	64QAM	1	1		22.49		22.7
100	256QAM	1	1		22.4		22.7
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3955	3959.93	3964.99	
90	PI/2 BPSK	1	1	22.31	22.35	22.26	22.7
Channel				632988	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3954.82	3959.93	3915	
80	PI/2 BPSK	1	1	22.26	22.34	23.2	22.7
Channel				632316	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3945.01	3959.86	3974.98	
70	PI/2 BPSK	1	1	22.19	22.21	22.16	22.7
Channel				632356	633332	634308	Tune-up Limit (dBm)
Frequency (MHz)				3945	3959.86	3974.89	
60	PI/2 BPSK	1	1	22.25	22.21	22.21	22.7
Channel				631668	633332	634996	Tune-up Limit (dBm)
Frequency (MHz)				3937.52	3959.86	3982.1	
50	PI/2 BPSK	1	1	22.25	22.23	22.19	22.7
Channel				631536	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3937.01	3959.86	3982.99	
40	PI/2 BPSK	1	1	22.29	22.26	22.16	22.7
Channel				631320	633332	635988	Tune-up Limit (dBm)
Frequency (MHz)				3940	3959.76	3979.99	
30	PI/2 BPSK	1	1	22.16	22.27	22.22	22.7
Channel				630624	633332	636012	Tune-up Limit (dBm)
Frequency (MHz)				3932.31	3959.86	3987.69	
25	PI/2 BPSK	1	1	22.27	22.31	22.23	22.7
Channel				630588	633332	636228	Tune-up Limit (dBm)
Frequency (MHz)				3930.52	3959.86	3990	
20	PI/2 BPSK	1	1	22.29	22.29	22.26	22.7
Channel				630336	633332	636156	Tune-up Limit (dBm)
Frequency (MHz)				3927.5	3959.86	3992.49	
15	PI/2 BPSK	1	1	22.24	22.31	22.17	22.7
Channel				630144	633332	636312	Tune-up Limit (dBm)
Frequency (MHz)				3925.91	3959.86	3994.09	
10	PI/2 BPSK	1	1	22.26	22.27	22.15	22.7

<FR1 n78 (27Q)_HPUE_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				633332			
Frequency [MHz]				3499.96			
100	PI/2 BPSK	1	1	25.43			26
100		1	137	25.23			26
100		1	271	25.17			26
100		135	0	24.62			26
100		135	69	25.16			26
100		135	138	24.79			26
100		270	0	24.54			26
100	QPSK	1	1	25.12			26
100		1	137	25.04			26
100		1	271	25.23			26
100		135	0	24.73			26
100		135	69	24.73			26
100		135	138	24.49			26
100		270	0	24.57			26
100	16QAM	1	1	24.69			26
100	64QAM	1	1	24.6			26
100	256QAM	1	1	23.43			24.5
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency [MHz]				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	26.36	26.47	26.31	26
Channel				632988	633330	633672	Tune-up Limit (dBm)
Frequency [MHz]				3489.62	3499.96	3510	
80	PI/2 BPSK	1	1	26.34	25.4	26.17	26
Channel				632106	633330	634554	Tune-up Limit (dBm)
Frequency [MHz]				3483.01	3499.96	3516.98	
70	PI/2 BPSK	1	1	25.25	25.38	25.23	26
Channel				632556	633330	634104	Tune-up Limit (dBm)
Frequency [MHz]				3486	3499.96	3513.98	
60	PI/2 BPSK	1	1	26.36	26.37	26.26	26
Channel				631998	633330	634662	Tune-up Limit (dBm)
Frequency [MHz]				3479.02	3499.96	3521	
50	PI/2 BPSK	1	1	26.36	25.39	26.26	26
Channel				631536	633330	635124	Tune-up Limit (dBm)
Frequency [MHz]				3475.01	3499.96	3525.98	
40	PI/2 BPSK	1	1	26.33	25.6	26.26	26
Channel				631068	633330	635586	Tune-up Limit (dBm)
Frequency [MHz]				3466	3499.96	3533.94	
30	PI/2 BPSK	1	1	26.28	25.36	26.27	26
Channel				630636	633332	634632	Tune-up Limit (dBm)
Frequency [MHz]				3452.01	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.3	26.08	26.24	26
Channel				630588	633332	634620	Tune-up Limit (dBm)
Frequency [MHz]				3450.02	3499.98	3542	
20	PI/2 BPSK	1	1	26.28	26.35	26.26	26
Channel				630138	633330	634518	Tune-up Limit (dBm)
Frequency [MHz]				3447.9	3499.96	3542.49	
15	PI/2 BPSK	1	1	26.33	25.32	26.25	26
Channel				631134	633332	635532	Tune-up Limit (dBm)
Frequency [MHz]				3453.01	3499.98	3546.99	
10	PI/2 BPSK	1	1	26.36	26.34	26.24	26

<FR1 n78 (27O)_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				693993			
Frequency [MHz]				3840			
100	PI/2 BPSK	1	1	22.42			22.7
100		1	137	22.07			22.7
100		1	271	22.2			22.7
100		135	0	22.27			22.7
100		135	69	22.27			22.7
100		135	138	22.19			22.7
100		270	0	22.1			22.7
100	QPSK	1	1	22.58			22.7
100		1	137	22.23			22.7
100		1	271	22.13			22.7
100		135	0	22.22			22.7
100		135	69	22.17			22.7
100		135	138	22.17			22.7
100		270	0	22.11			22.7
100	16QAM	1	1	22.03			22.7
100	64QAM	1	1	22.2			21.7
100	256QAM	1	1	22.13			22.7
Channel				689848	693333	696822	Tune-up Limit (dBm)
Frequency [MHz]				3749.52	3780	3784.98	
90	PI/2 BPSK	1	1	22.36	22.47	22.23	22.7
Channel				689334	693333	696996	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3780	3779.99	
80	PI/2 BPSK	1	1	22.33	22.29	22.19	22.7
Channel				688803	693333	697863	Tune-up Limit (dBm)
Frequency [MHz]				3735	3780	3785	
70	PI/2 BPSK	1	1	22.27	22.26	22.11	22.7
Channel				689148	693333	697518	Tune-up Limit (dBm)
Frequency [MHz]				3736.02	3780	3783.98	
60	PI/2 BPSK	1	1	22.32	22.29	22.21	22.7
Channel				689184	693333	697482	Tune-up Limit (dBm)
Frequency [MHz]				3736.01	3780	3777.99	
50	PI/2 BPSK	1	1	22.28	22.29	22.19	22.7
Channel				688392	693333	698286	Tune-up Limit (dBm)
Frequency [MHz]				3730	3780	3791	
40	PI/2 BPSK	1	1	22.23	22.35	22.21	22.7
Channel				687888	693333	698232	Tune-up Limit (dBm)
Frequency [MHz]				3719.52	3780	3799.98	
30	PI/2 BPSK	1	1	22.28	22.36	22.24	22.7
Channel				687300	693333	699366	Tune-up Limit (dBm)
Frequency [MHz]				3717.5	3780	3797.5	
25	PI/2 BPSK	1	1	22.21	22.36	22.19	22.7
Channel				687204	693333	699498	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3780	3789.99	
20	PI/2 BPSK	1	1	22.26	22.35	22.13	22.7
Channel				687168	693333	699498	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3780	3792.48	
15	PI/2 BPSK	1	1	22.26	22.36	22.22	22.7
Channel				687354	693333	699312	Tune-up Limit (dBm)
Frequency [MHz]				3709	3780	3789	
10	PI/2 BPSK	1	1	22.21	22.32	22.1	22.7

<FR1 n78 (27Q)_HPUE_Ant4_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				693993			
Frequency [MHz]				3840			
100	PI/2 BPSK	1	1	25.24			26
100		1	137	25.08			26
100		1	271	25.11			26
100		135	0	25.16			26
100		135	69	25.04			26
100		135	138	25.2			26
100		270	0	25.1			26
100	QPSK	1	1	25.18			26
100		1	137	25.14			26
100		1	271	24.97			26
100		135	0	25			26
100		135	69	25.09			26
100		135	138	25.19			26
100		270	0	25.19			26
100	16QAM	1	1	25.13			26
100	64QAM	1	1	24.98			26
100	256QAM	1	1	24.24			24.5
Channel				689848	693333	696822	Tune-up Limit (dBm)
Frequency [MHz]				3749.52	3780	3784.98	
90	PI/2 BPSK	1	1	26.06	25.21	25.13	26
Channel				689334	693333	697368	Tune-up Limit (dBm)
Frequency [MHz]				3746.01	3780	3813.99	
80	PI/2 BPSK	1	1	26.04	25.15	26.01	26
Channel				688803	693333	697863	Tune-up Limit (dBm)
Frequency [MHz]				3732	3780	3828	
70	PI/2 BPSK	1	1	26.02	25.13	25.99	26
Channel				689088	693333	697578	Tune-up Limit (dBm)
Frequency [MHz]				3740.01	3780	3819.99	
60	PI/2 BPSK	1	1	26.04	25.18	26	26
Channel				689394	693333	697386	Tune-up Limit (dBm)
Frequency [MHz]				3744.01	3780	3815.99	
50	PI/2 BPSK	1	1	26.06	25.07	25.1	26
Channel				688620	693333	698046	Tune-up Limit (dBm)
Frequency [MHz]				3730	3780	3830	
40	PI/2 BPSK	1	1	26.06	25.19	26.09	26
Channel				687888	693333	698232	Tune-up Limit (dBm)
Frequency [MHz]				3719.52	3780	3840.48	
30	PI/2 BPSK	1	1	26.02	25.11	26.11	26
Channel				687936	693333	698730	Tune-up Limit (dBm)
Frequency [MHz]				3712.5	3780	3847.5	
25	PI/2 BPSK	1	1	26.04	25.12	26.06	26
Channel				687234	693333	698popular	Tune-up Limit (dBm)
Frequency [MHz]				3710.01	3780	3849.99	
20	PI/2 BPSK	1	1	26.04	25.17	25.98	26
Channel				687168	693333	699498	Tune-up Limit (dBm)
Frequency [MHz]				3707.52	3780	3852.48	
15	PI/2 BPSK	1	1	26.04	25.19	25	26
Channel				687354	693333	699312	Tune-up Limit (dBm)
Frequency [MHz]				3709	3780	3851	
10	PI/2 BPSK	1	1	25.53	25.13	25.09	26

<FR1 n2_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.39	18.43	18.37	19
40		1	108	18.19	18.36	18.21	19
40		1	214	18.21	18.31	18.18	19
40	PI/2 BPSK	108	0	18.23	18.4	18.23	19
40		108	54	18.27	18.42	18.29	19
40		108	108	18.08	18.25	18.11	19
40		216	0	18.4	18.55	18.38	19
40		1	1	18.3	18.36	18.19	19
40		1	108	18.19	18.33	18.2	19
40		1	214	18.33	18.43	18.27	19
40	QPSK	108	0	18.12	18.24	18.16	19
40		108	54	18.07	18.18	18.06	19
40		108	108	18.33	18.5	18.42	19
40		216	0	18.39	18.46	18.3	19
40	16QAM	1	1	18.24	18.4	18.29	19
40	64QAM	1	1	18.09	18.21	18.12	19
40	256QAM	1	1	18.11	18.29	18.15	19
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	18.3	18.32	18.27	19
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	18.31	18.4	18.3	19
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.31	18.29	18.26	19
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.31	18.3	18.35	19
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.28	18.31	18.25	19
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.29	18.35	18.31	19
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.27	18.3	18.29	19

<FR1 n7_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	17.4	17.48	17.38	18
50		1	135	17.19	17.29	17.14	18
50		1	268	17.15	17.3	17.12	18
50	PI/2 BPSK	135	0	17.2	17.35	17.17	18
50		135	68	17.31	17.44	17.2	18
50		135	135	17.21	17.34	17.14	18
50		270	0	17.5	17.68	17.51	18
50		1	1	17.15	17.37	17.14	18
50		1	135	17.24	17.34	17.09	18
50		1	268	17.29	17.48	17.29	18
50	QPSK	135	0	17.04	17.21	16.99	18
50		135	68	17.22	17.36	17.21	18
50		135	135	17.5	17.59	17.48	18
50		270	0	17.09	17.31	17.2	18
50	16QAM	1	1	17.42	17.61	17.37	18
50	64QAM	1	1	17.08	17.29	17.13	18
50	256QAM	1	1	17.04	17.26	17.13	18
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.3	17.42	17.26	18
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.39	17.41	17.36	18
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.35	17.38	17.36	18
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.35	17.35	17.29	18
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.25	17.45	17.28	18
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.37	17.44	17.27	18
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.37	17.4	17.35	18
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.32	17.44	17.25	18

<FR1 n25_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.49	18.56	18.51	19
40		1	108	18.43	18.53	18.43	19
40		1	214	18.38	18.49	18.4	19
40		108	0	18.41	18.5	18.33	19
40		108	54	18.45	18.53	18.41	19
40		108	108	18.34	18.43	18.28	19
40		216	0	18.32	18.5	18.39	19
40	QPSK	1	1	18.4	18.49	18.31	19
40		1	108	18.22	18.42	18.28	19
40		1	214	18.39	18.49	18.34	19
40		108	0	18.29	18.5	18.37	19
40		108	54	18.32	18.53	18.44	19
40		108	108	18.41	18.57	18.45	19
40		216	0	18.44	18.54	18.44	19
40	16QAM	1	1	18.28	18.43	18.26	19
40	64QAM	1	1	18.56	18.66	18.55	19
40	256QAM	1	1	18.28	18.48	18.4	19
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.45	18.52	18.45	19
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.48	18.49	18.38	19
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.46	18.54	18.38	19
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.4	18.5	18.47	19
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.45	18.43	18.4	19
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.34	18.43	18.44	19
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.35	18.43	18.43	19

<FR1 n66_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.85	18.9	18.83	19.5
45		1	120	18.54	18.7	18.52	19.5
45		1	240	18.7	18.79	18.58	19.5
45		120	0	18.73	18.85	18.75	19.5
45		120	60	18.78	18.87	18.69	19.5
45		120	120	18.51	18.64	18.47	19.5
45		240	0	18.69	18.87	18.78	19.5
45	QPSK	1	1	18.73	18.81	18.6	19.5
45		1	120	18.58	18.65	18.56	19.5
45		1	240	18.86	18.95	18.8	19.5
45		120	0	18.56	18.69	18.61	19.5
45		120	60	18.61	18.69	18.52	19.5
45		120	120	18.66	18.83	18.68	19.5
45		240	0	18.59	18.7	18.53	19.5
45	16QAM	1	1	18.64	18.78	18.62	19.5
45	64QAM	1	1	18.68	18.86	18.77	19.5
45	256QAM	1	1	18.65	18.72	18.52	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.81	18.88	18.68	19.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.7	18.77	18.76	19.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.75	18.8	18.69	19.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.83	18.78	18.71	19.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.75	18.79	18.79	19.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.84	18.81	18.78	19.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.82	18.81	18.78	19.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.73	18.85	18.82	19.5

<FR1 n38_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_l Freq.	Power Ch_m Freq.	Power Ch_h Freq.	Tune-up Limit (dBm)
Channel				516000	519036	520000	
Frequency (MHz)				2580	2645	2690	
40		1	1	17.59	17.64	17.6	18
40		1	53	17	17.03	17.09	18
40		1	104	16.99	17.09	16.92	18
40	PI/2 BPSK	50	0	17.35	17.53	17.41	18
40		50	28	17.47	17.6	17.49	18
40		50	56	17.16	17.18	17.19	18
40		100	0	17.41	17.51	17.41	18
40		1	1	17.16	17.24	17.06	18
40		1	53	16.97	17.08	16.99	18
40		1	104	17.41	17.68	17.41	18
40	QPSK	50	0	17.05	17.05	16.98	18
40		50	28	16.92	17.08	16.92	18
40		50	56	17.61	17.65	17.7	18
40		100	0	17.36	17.55	17.29	18
40	16QAM	1	1	16.96	17.03	16.9	18
40	64QAM	1	1	17.61	17.65	17.66	18
40	256QAM	1	1	17.15	17.43	17.09	18
Channel				517000	519036	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2645	2690	
20	PI/2 BPSK	1	1	17.55	17.53	17.54	18
Channel				518000	519036	521000	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2645	2677.5	
25	PI/2 BPSK	1	1	17.52	17.62	17.5	18
Channel				518000	519036	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2655	2515	
20	PI/2 BPSK	1	1	17.37	17.52	17.33	18
Channel				518000	519036	521000	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2645	2512.5	
15	PI/2 BPSK	1	1	17.48	17.58	17.48	18
Channel				518000	519036	521000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2645	2515	
10	PI/2 BPSK	1	1	17.5	17.53	17.45	18

<FR1 n41_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_l Freq.	Power Ch_m Freq.	Power Ch_h Freq.	Tune-up Limit (dBm)
Channel				506252	518598	530930	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	18.1	18.12	18.08	18.5
100		1	137	17.69	17.83	17.65	18.5
100		1	271	17.6	17.54	17.74	18.5
100	PI/2 BPSK	135	0	17.62	17.87	17.79	18.5
100		135	69	17.67	18.1	17.99	18.5
100		135	135	17.72	17.82	17.73	18.5
100		270	0	17.65	18.03	17.9	18.5
100		1	1	17.6	17.9	17.72	18.5
100		1	137	17.77	17.86	17.79	18.5
100		1	271	17.67	18.05	17.86	18.5
100	QPSK	135	0	17.65	17.93	17.85	18.5
100		135	69	17.67	17.91	17.81	18.5
100		135	135	17.9	18	17.87	18.5
100		270	0	17.65	17.77	17.84	18.5
100	16QAM	1	1	17.71	17.86	17.69	18.5
100	64QAM	1	1	17.6	17.96	17.85	18.5
100	256QAM	1	1	17.69	17.8	17.62	18.5
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.98	
90	PI/2 BPSK	1	1	18.02	18.1	17.96	18.5
Channel				507226	518598	529966	Tune-up Limit (dBm)
Frequency (MHz)				2501.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	18.08	18.1	17.96	18.5
Channel				508222	518598	528974	Tune-up Limit (dBm)
Frequency (MHz)				2511.01	2592.99	2685	
70	PI/2 BPSK	1	1	18.07	18.09	17.94	18.5
Channel				509218	518598	527978	Tune-up Limit (dBm)
Frequency (MHz)				2521	2592.99	2685.98	
60	PI/2 BPSK	1	1	18	18.07	18	18.5
Channel				509794	518598	527402	Tune-up Limit (dBm)
Frequency (MHz)				252.152	2592.99	2684.99	
50	PI/2 BPSK	1	1	18.01	18.09	18	18.5
Channel				510190	518598	526806	Tune-up Limit (dBm)
Frequency (MHz)				2531.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.04	18.08	17.96	18.5
Channel				510352	518598	526330	Tune-up Limit (dBm)
Frequency (MHz)				2535.01	2592.99	2660	
40	PI/2 BPSK	1	1	18.07	17.99	18.01	18.5
Channel				510754	518598	526458	Tune-up Limit (dBm)
Frequency (MHz)				2537.02	2592.99	2672.46	
35	PI/2 BPSK	1	1	18.07	18.05	17.96	18.5
Channel				510220	518598	526976	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.01	18.04	18.5
Channel				507152	518598	529518	Tune-up Limit (dBm)
Frequency (MHz)				2504.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.99	18.01	17.94	18.5
Channel				507724	518598	529472	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.04	18.04	17.93	18.5
Channel				508706	518598	528490	Tune-up Limit (dBm)
Frequency (MHz)				2520.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.98	18.06	17.96	18.5
Channel				509262	518598	527934	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.04	17.96	17.94	18.5

<FR1 n41_HPUE_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_l Freq.	Power Ch_m Freq.	Power Ch_h Freq.	Tune-up Limit (dBm)
Channel				506252	518598	530930	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	21.01	21.09	20.96	21.5
100		1	137	20.72	20.88	20.74	21.5
100		1	271	20.79	20.94	20.77	21.5
100	PI/2 BPSK	135	0	20.79	20.87	20.74	21.5
100		135	69	20.76	20.93	20.82	21.5
100		135	135	20.87	20.98	20.79	21.5
100		270	0	20.79	20.96	20.83	21.5
100		1	1	20.73	20.91	20.68	21.5
100		1	137	20.86	21.03	20.83	21.5
100		1	271	20.77	20.89	20.79	21.5
100	QPSK	135	0	20.77	20.89	20.66	21.5
100		135	69	20.84	20.93	20.73	21.5
100		135	135	20.73	20.91	20.76	21.5
100		270	0	20.73	20.93	20.66	21.5
100	16QAM	1	1	20.75	20.94	20.81	21.5
100	64QAM	1	1	20.63	20.89	20.87	21.5
100	256QAM	1	1	20.62	20.89	20.71	21.5
Channel				506230	518598	530966	Tune-up Limit (dBm)
Frequency (MHz)				2491	2592.99	2694.98	
90	PI/2 BPSK	1	1	20.88	21.03	20.87	21.5
Channel				507226	518598	529966	Tune-up Limit (dBm)
Frequency (MHz)				2501.02	2592.99	2689.98	
80	PI/2 BPSK	1	1	20.91	21.02	20.93	21.5
Channel				508222	518598	528974	Tune-up Limit (dBm)
Frequency (MHz)				2511.01	2592.99	2685	
70	PI/2 BPSK	1	1	20.87	21.03	20.86	21.5
Channel				509218	518598	527978	Tune-up Limit (dBm)
Frequency (MHz)				2521	2592.99	2685.98	
60	PI/2 BPSK	1	1	21	20.99	20.92	21.5
Channel				509794	518598	527402	Tune-up Limit (dBm)
Frequency (MHz)				252.152	2592.99	2684.99	
50	PI/2 BPSK	1	1	20.97	21.02	20.9	21.5
Channel				510190	518598	526806	Tune-up Limit (dBm)
Frequency (MHz)				2531.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.96	20.94	20.94	21.5
Channel				510352	518598	526330	Tune-up Limit (dBm)
Frequency (MHz)				2535.01	2592.99	2660	
40	PI/2 BPSK	1	1	20.97	20.92	20.96	21.5
Channel				510754	518598	526458	Tune-up Limit (dBm)
Frequency (MHz)				2537.02	2592.99	2672.46	
35	PI/2 BPSK	1	1	20.97	20.92	20.94	21.5
Channel				510220	518598	526976	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.96	20.93	20.96	21.5
Channel				507152	518598	529518	Tune-up Limit (dBm)
Frequency (MHz)				2504.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.95	20.89	20.95	21.5
Channel				507724	518598	529472	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.96	20.95	20.95	21.5
Channel				508706	518598	528490	Tune-up Limit (dBm)
Frequency (MHz)				2520.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.96	20.89	20.91	21.5
Channel				509262	518598	527934	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.92	21.02	20.87	21.5

<FR1 n46_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				639000	641999	644332	
Frequency (MHz)				3422	3424.99	3478.68	
40		1	1	17.73	17.79	17.69	18.8
40		1	53	17.48	17.68	17.47	18.8
40		1	104	17.48	17.66	17.43	18.8
40	PI/2 BPSK	50	0	17.54	17.71	17.48	18.8
40		50	28	17.58	17.77	17.63	18.8
40		50	56	17.5	17.64	17.47	18.8
40		100	0	17.57	17.69	17.55	18.8
40		1	1	17.48	17.68	17.54	18.8
40		1	53	17.51	17.64	17.48	18.8
40		1	104	17.57	17.74	17.52	18.8
40	QPSK	50	0	17.54	17.72	17.47	18.8
40		50	28	17.62	17.62	17.68	18.8
40		50	56	17.48	17.73	17.5	18.8
40		100	0	17.61	17.77	17.53	18.8
40	16QAM	1	1	17.52	17.66	17.47	18.8
40	64QAM	1	1	17.49	17.68	17.48	18.8
40	256QAM	1	1	17.54	17.61	17.48	18.8
Channel				637668	641999	645665	Tune-up Limit (dBm)
Frequency (MHz)				3842.2	3424.99	3884.84	
30	PI/2 BPSK	1	1	17.58	17.77	17.67	18.8
Channel				637334	641999	646333	Tune-up Limit (dBm)
Frequency (MHz)				3840.01	3424.99	3890	
20	PI/2 BPSK	1	1	17.68	17.65	17.6	18.8
Channel				637334	641999	646333	Tune-up Limit (dBm)
Frequency (MHz)				3837.02	3424.99	3892.49	
15	PI/2 BPSK	1	1	17.68	17.68	17.67	18.8
Channel				637000	641999	646333	Tune-up Limit (dBm)
Frequency (MHz)				3835	3424.99	3894.99	
10	PI/2 BPSK	1	1	17.64	17.73	17.6	18.8

<FR1 n77 (27Q)_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		17.83		18.7
100		1	137		17.38		18.7
100	PI/2 BPSK	1	273		17.38		18.7
100		135	0		17.79		18.7
100		135	69		17.8		18.7
100		135	138		17.75		18.7
100		270	0		17.38		18.7
100		1	1		17.62		18.7
100		1	137		17.62		18.7
100	QPSK	1	273		17.77		18.7
100		135	0		17.7		18.7
100		135	69		17.67		18.7
100		135	138		17.76		18.7
100		270	0		17.68		18.7
100	16QAM	1	1		17.7		18.7
100	64QAM	1	1		17.71		18.7
100	256QAM	1	1		17.68		18.7
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.68	
90	PI/2 BPSK	1	1	17.7	17.68	17.64	18.7
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	17.68	17.61	17.51	18.7
Channel				632336	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3486.68	3499.99	3514.98	
70	PI/2 BPSK	1	1	17.58	17.66	17.62	18.7
Channel				632336	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3486	3499.99	3518.99	
60	PI/2 BPSK	1	1	17.61	17.56	17.57	18.7
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3479.02	3499.99	3520	
50	PI/2 BPSK	1	1	17.63	17.58	17.59	18.7
Channel				631336	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3499.99	3524.98	
40	PI/2 BPSK	1	1	17.66	17.53	17.51	18.7
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3468	3499.99	3529.99	
30	PI/2 BPSK	1	1	17.63	17.61	17.62	18.7
Channel				630664	633332	636032	Tune-up Limit (dBm)
Frequency (MHz)				3462.01	3499.99	3537.48	
25	PI/2 BPSK	1	1	17.66	17.56	17.53	18.7
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	17.68	17.62	17.62	18.7
Channel				630336	633332	636668	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.49	
15	PI/2 BPSK	1	1	17.64	17.66	17.58	18.7
Channel				630336	633332	636668	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	17.66	17.64	17.5	18.7

<FR1 n77 (27Q)_HPUE_Ant5_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		20.8		21.8
100		1	137		20.51		21.8
100	PI/2 BPSK	1	273		20.57		21.8
100		135	0		20.98		21.8
100		135	69		20.61		21.8
100		135	138		20.58		21.8
100		270	0		20.51		21.8
100		1	1		20.55		21.8
100		1	137		20.48		21.8
100	QPSK	1	273		20.53		21.8
100		135	0		20.51		21.8
100		135	69		20.52		21.8
100		135	138		20.58		21.8
100		270	0		20.59		21.8
100	16QAM	1	1		20.62		21.8
100	64QAM	1	1		20.53		21.8
100	256QAM	1	1		20.62		21.8
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.68	
90	PI/2 BPSK	1	1	20.51	20.53	20.56	21.8
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	20.48	20.41	20.56	21.8
Channel				632336	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3486.68	3499.99	3514.98	
70	PI/2 BPSK	1	1	20.37	20.51	20.56	21.8
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3483	3499.99	3518.99	
60	PI/2 BPSK	1	1	20.42	20.48	20.52	21.8
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3479.02	3499.99	3520	
50	PI/2 BPSK	1	1	20.5	20.48	20.56	21.8
Channel				631336	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3475.01	3499.99	3524.98	
40	PI/2 BPSK	1	1	20.37	20.47	20.47	21.8
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3468	3499.99	3529.99	
30	PI/2 BPSK	1	1	20.37	20.48	20.49	21.8
Channel				630664	633332	636032	Tune-up Limit (dBm)
Frequency (MHz)				3462.01	3499.99	3537.48	
25	PI/2 BPSK	1	1	20.43	20.42	20.46	21.8
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	20.49	20.48	20.49	21.8
Channel				630336	633332	636668	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.49	
15	PI/2 BPSK	1	1	20.46	20.4	20.49	21.8
Channel				630336	633332	636668	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	20.49	20.48	20.54	21.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [dBm]	Power Class 1.7 [mW]	Power Class 1.7 [dBm]	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3720	3860	3920	
100		1	1	17.48	17.48	17.4	18.7
100		1	137	17.37	17.36	17.24	18.7
100		1	271	17.3	17.36	17.4	18.7
100	PI/2 BPSK	135	0	17.32	17.49	17.45	18.7
100		135	68	17.42	17.51	17.36	18.7
100		135	135	17.47	17.33	17.43	18.7
100		270	0	17.3	17.29	17.47	18.7
100		1	1	17.31	17.48	17.45	18.7
100		1	137	17.45	17.45	17.34	18.7
100		1	271	17.26	17.33	17.44	18.7
100	QPSK	135	0	17.28	17.31	17.28	18.7
100		133	68	17.26	17.4	17.31	18.7
100		135	135	17.36	17.49	17.33	18.7
100		270	0	17.39	17.47	17.33	18.7
100	16QAM	1	1	17.28	17.41	17.42	18.7
100	64QAM	1	1	17.34	17.28	17.46	18.7
100	256QAM	1	1	17.46	17.42	17.32	18.7
Channel				649968	656000	662032	
Frequency [MHz]				3719.52	3860	3920.48	
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
80	PI/2 BPSK	1	1	17.38	17.22	17.37	18.7
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
80	PI/2 BPSK	1	1	17.43	17.32	17.31	18.7
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
70	PI/2 BPSK	1	1	17.38	17.33	17.3	18.7
Channel				649168	656000	662832	
Frequency [MHz]				3715.32	3860	3924.68	
60	PI/2 BPSK	1	1	17.45	17.27	17.38	18.7
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
50	PI/2 BPSK	1	1	17.48	17.22	17.38	18.7
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
40	PI/2 BPSK	1	1	17.42	17.21	17.35	18.7
Channel				647968	656000	664032	
Frequency [MHz]				3710.52	3860	3929.48	
30	PI/2 BPSK	1	1	17.36	17.25	17.25	18.7
Channel				647500	656000	664500	
Frequency [MHz]				3712.5	3860	3907.5	
25	PI/2 BPSK	1	1	17.36	17.23	17.35	18.7
Channel				647224	656000	664776	
Frequency [MHz]				3710.91	3860	3909.09	
20	PI/2 BPSK	1	1	17.41	17.26	17.27	18.7
Channel				647168	656000	664832	
Frequency [MHz]				3707.52	3860	3912.48	
15	PI/2 BPSK	1	1	17.39	17.22	17.35	18.7
Channel				647032	656000	664968	
Frequency [MHz]				3705	3860	3915	
10	PI/2 BPSK	1	1	17.34	17.22	17.33	18.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [dBm]	Power Class 1.7 [mW]	Power Class 1.7 [dBm]	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3720	3860	3920	
100		1	1	20.37	20.43	20.52	21.5
100		1	137	20.2	20.31	19.82	21.5
100		1	271	20.2	20.46	19.82	21.5
100	PI/2 BPSK	135	0	20.39	20.57	19.71	21.5
100		135	68	20.35	20.52	19.79	21.5
100		135	135	20.3	20.53	19.73	21.5
100		270	0	20.3	20.49	19.86	21.5
100		1	1	20.33	20.51	19.72	21.5
100		1	137	20.19	20.32	19.74	21.5
100		1	271	20.33	20.51	19.83	21.5
100	QPSK	135	0	20.28	20.39	19.69	21.5
100		135	68	20.4	20.39	19.74	21.5
100		135	135	20.4	20.39	19.73	21.5
100		270	0	20.3	20.39	19.86	21.5
100	16QAM	1	1	20.35	20.5	19.74	21.5
100	64QAM	1	1	20.22	20.31	19.9	21.5
100	256QAM	1	1	20.38	20.48	19.79	21.5
Channel				649968	656000	662032	
Frequency [MHz]				3719.52	3860	3920.48	
90	PI/2 BPSK	1	1	20.27	20.3	19.9	21.5
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
80	PI/2 BPSK	1	1	20.24	20.39	19.98	21.5
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
70	PI/2 BPSK	1	1	20.26	20.52	20.01	21.5
Channel				649168	656000	662832	
Frequency [MHz]				3715.32	3860	3924.68	
60	PI/2 BPSK	1	1	20.25	20.48	19.84	21.5
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
50	PI/2 BPSK	1	1	20.32	20.53	19.89	21.5
Channel				649324	656000	662676	
Frequency [MHz]				3716.21	3860	3923.99	
40	PI/2 BPSK	1	1	20.25	20.52	19.97	21.5
Channel				647968	656000	664032	
Frequency [MHz]				3710.52	3860	3929.48	
30	PI/2 BPSK	1	1	20.32	20.5	19.94	21.5
Channel				647500	656000	664500	
Frequency [MHz]				3712.5	3860	3907.5	
25	PI/2 BPSK	1	1	20.23	20.5	19.99	21.5
Channel				647224	656000	664776	
Frequency [MHz]				3710.91	3860	3909.09	
20	PI/2 BPSK	1	1	20.26	20.37	19.88	21.5
Channel				647168	656000	664832	
Frequency [MHz]				3707.52	3860	3912.48	
15	PI/2 BPSK	1	1	20.3	20.39	19.87	21.5
Channel				647032	656000	664968	
Frequency [MHz]				3705	3860	3915	
10	PI/2 BPSK	1	1	20.31	20.39	20	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [dBm]	Power Class 1.7 [mW]	Power Class 1.7 [dBm]	Tune-up Limit [dBm]
Channel					633330		
Frequency [MHz]					3899.99		
150		1	1		17.16		18.7
150		1	137		17.14		18.7
150		1	271		17.06		18.7
150	PI/2 BPSK	138	0		17.16		18.7
150		138	69		17.19		18.7
150		138	138		17.19		18.7
150		276	0		17.07		18.7
150		1	1		17.02		18.7
150		1	137		17		18.7
150		1	271		17.22		18.7
150	QPSK	138	0		17.22		18.7
150		138	69		17.19		18.7
150		138	138		17.22		18.7
150		276	0		17.22		18.7
150	16QAM	1	1		17.02		18.7
150	64QAM	1	1		17.01		18.7
150	256QAM	1	1		17.09		18.7
Channel				633000	633333	633666	
Frequency [MHz]				3895	3899.99	3904.99	
90	PI/2 BPSK	1	1	17.01	17	17.06	18.7
Channel				632988	633330	633672	
Frequency [MHz]				3894.92	3899.96	3904.99	
80	PI/2 BPSK	1	1	16.98	16.98	17.06	18.7
Channel				632988	633330	633672	
Frequency [MHz]				3894.92	3899.96	3904.99	
70	PI/2 BPSK	1	1	16.89	16.91	16.99	18.7
Channel				632988	633330	633672	
Frequency [MHz]				3894	3899.96	3904.99	
60	PI/2 BPSK	1	1	16.94	16.87	17.06	18.7
Channel				631998	633330	634662	
Frequency [MHz]				3418.62	3899.96	3904.99	
50	PI/2 BPSK	1	1	16.89	16.87	17.01	18.7
Channel				631338	633330	635322	
Frequency [MHz]				3417.31	3899.96	3924.69	
40	PI/2 BPSK	1	1	16.92	16.88	17.08	18.7
Channel				631338	633330	635988	
Frequency [MHz]				3896	3899.96	3924.99	
30	PI/2 BPSK	1	1	16.88	16.96	16.97	18.7
Channel				630834	633332	635832	
Frequency [MHz]				3892.91	3899.96	3937.49	
25	PI/2 BPSK	1	1	16.96	16.94	17.07	18.7
Channel				630666	633332	636000	
Frequency [MHz]				3450.02	3899.96	3924	
20	PI/2 BPSK	1	1	16.98	16.94	17.06	18.7
Channel				630336	633332	636132	
Frequency [MHz]				3447.9	3899.96	3932.49	
15	PI/2 BPSK	1	1	16.99	16.89	17	18.7
Channel				630168	633332	636312	
Frequency [MHz]				3453.91	3899.96	3934.99	
10	PI/2 BPSK	1	1	16.95	16.92	17.03	18.7

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BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		20.64		21.8
100		1	137		20.3		21.8
100		1	273		20.58		21.8
100	PI/2 BPSK	135	0		20.48		21.8
100		135	69		20.61		21.8
100		135	138		20.53		21.8
100		270	0		20.51		21.8
100		1	0		20.61		21.8
100		1	137		20.49		21.8
100		1	271		20.5		21.8
100	QPSK	135	0		20.39		21.8
100		135	69		20.42		21.8
100		135	138		20.42		21.8
100		270	0		20.4		21.8
100	16QAM	1	1		20.44		21.8
100	64QAM	1	1		20.6		21.8
100	256QAM	1	1		20.58		21.8
Channel				623000	633332	623968	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3502.88	
90	PI/2 BPSK	1	1	20.6	20.42	20.58	21.8
Channel				622968	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.52	3499.99	3510	
80	PI/2 BPSK	1	1	20.91	20.33	20.44	21.8
Channel				622724	633332	634032	Tune-up Limit (dBm)
Frequency (MHz)				3489.51	3499.99	3514.98	
70	PI/2 BPSK	1	1	20.91	20.39	20.43	21.8
Channel				622500	633332	634068	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3515.99	
60	PI/2 BPSK	1	1	20.97	20.38	20.47	21.8
Channel				621968	633332	634092	Tune-up Limit (dBm)
Frequency (MHz)				3470.52	3499.99	3521	
50	PI/2 BPSK	1	1	20.96	20.29	20.47	21.8
Channel				621404	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3470.61	3499.99	3529.99	
40	PI/2 BPSK	1	1	20.48	20.39	20.58	21.8
Channel				621260	633332	633996	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3529.78	
30	PI/2 BPSK	1	1	20.58	20.28	20.52	21.8
Channel				620804	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	20.52	20.4	20.52	21.8
Channel				620568	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3460.32	3499.99	3540	
20	PI/2 BPSK	1	1	20.37	20.38	20.57	21.8
Channel				620332	633332	634168	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.88	
15	PI/2 BPSK	1	1	20.56	20.39	20.43	21.8
Channel				620124	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.99	3544.99	
10	PI/2 BPSK	1	1	20.48	20.33	20.44	21.8

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BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633999		
Frequency (MHz)					3750		
100		1	1		16.99		18.7
100		1	137		16.93		18.7
100		1	273		16.96		18.7
100	PI/2 BPSK	135	0		16.92		18.7
100		135	69		16.87		18.7
100		135	138		16.9		18.7
100		270	0		16.77		18.7
100		1	0		16.95		18.7
100		1	137		16.79		18.7
100		1	271		16.89		18.7
100	QPSK	135	0		16.9		18.7
100		135	69		16.87		18.7
100		135	138		16.9		18.7
100		270	0		16.9		18.7
100	16QAM	1	1		16.9		18.7
100	64QAM	1	1		16.92		18.7
100	256QAM	1	1		16.92		18.7
Channel				628988	633332	638332	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3507.48	
90	PI/2 BPSK	1	1	16.92	16.77	16.9	18.7
Channel				628348	633332	638080	Tune-up Limit (dBm)
Frequency (MHz)				3490.52	3499.99	3507.51	
80	PI/2 BPSK	1	1	16.92	16.71	16.88	18.7
Channel				628108	633332	637828	Tune-up Limit (dBm)
Frequency (MHz)				3489.51	3499.99	3512.52	
70	PI/2 BPSK	1	1	16.92	16.63	16.78	18.7
Channel				627868	633332	637732	Tune-up Limit (dBm)
Frequency (MHz)				3488.49	3499.99	3513.48	
60	PI/2 BPSK	1	1	16.81	16.73	16.84	18.7
Channel				628332	633332	637668	Tune-up Limit (dBm)
Frequency (MHz)				3512.01	3499.99	3514.49	
50	PI/2 BPSK	1	1	16.77	16.68	16.81	18.7
Channel				628032	633332	637608	Tune-up Limit (dBm)
Frequency (MHz)				3511.01	3499.99	3516.99	
40	PI/2 BPSK	1	1	16.91	16.68	16.84	18.7
Channel				627868	633332	637332	Tune-up Limit (dBm)
Frequency (MHz)				3509.49	3499.99	3517.48	
30	PI/2 BPSK	1	1	16.8	16.71	16.79	18.7
Channel				627368	633332	637032	Tune-up Limit (dBm)
Frequency (MHz)				3512.5	3499.99	3521.5	
25	PI/2 BPSK	1	1	16.91	16.68	16.79	18.7
Channel				627238	633332	636968	Tune-up Limit (dBm)
Frequency (MHz)				3513.51	3499.99	3523.49	
20	PI/2 BPSK	1	1	16.83	16.75	16.83	18.7
Channel				627108	633332	636732	Tune-up Limit (dBm)
Frequency (MHz)				3517.52	3499.99	3527.49	
15	PI/2 BPSK	1	1	16.87	16.68	16.83	18.7
Channel				627108	633332	636732	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3796	
10	PI/2 BPSK	1	1	16.92	16.73	16.85	18.7

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BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Middle Ch. / Freq.	Power Cb. / Freq.	Tune-up Limit (dBm)
Channel					633999		
Frequency (MHz)					3750		
100		1	1		20.4		21.8
100		1	137		20.36		21.8
100		1	273		20.24		21.8
100	PI/2 BPSK	135	0		20.6		21.8
100		135	69		20.31		21.8
100		135	138		20.19		21.8
100		270	0		20.23		21.8
100		1	0		20.36		21.8
100		1	137		20.25		21.8
100		1	271		20.41		21.8
100	QPSK	135	0		20.28		21.8
100		135	69		20.33		21.8
100		135	138		20.41		21.8
100		270	0		20.31		21.8
100	16QAM	1	1		20.39		21.8
100	64QAM	1	1		20.2		21.8
100	256QAM	1	1		20.23		21.8
Channel				628968	633332	638332	Tune-up Limit (dBm)
Frequency (MHz)				3492.52	3750	3754.58	
90	PI/2 BPSK	1	1	20.31	20.41	20.33	21.8
Channel				628324	633332	638068	Tune-up Limit (dBm)
Frequency (MHz)				3490.01	3750	3758.59	
80	PI/2 BPSK	1	1	20.19	20.31	20.12	21.8
Channel				628092	633332	637732	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.2	20.33	20.17	21.8
Channel				628068	633332	637332	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
60	PI/2 BPSK	1	1	20.2	20.29	20.08	21.8
Channel				628332	633332	637668	Tune-up Limit (dBm)
Frequency (MHz)				3735.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.26	20.28	20.2	21.8
Channel				628092	633332	637608	Tune-up Limit (dBm)
Frequency (MHz)				3732	3750	3768	
40	PI/2 BPSK	1	1	20.28	20.35	20.15	21.8
Channel				627588	633332	637332	Tune-up Limit (dBm)
Frequency (MHz)				3730.49	3750	3769.98	
30	PI/2 BPSK	1	1	20.24	20.29	20.2	21.8
Channel				627300	633332	637032	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.26	20.37	20.18	21.8
Channel				627234	633332	636968	Tune-up Limit (dBm)
Frequency (MHz)				3713.01	3750	3786.99	
20	PI/2 BPSK	1	1	20.16	20.26	20.16	21.8
Channel				627168	633332	636732	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.26	20.32	20.16	21.8
Channel				627108	633332	636732	Tune-up Limit (dBm)
Frequency (MHz)				3703	3750	3796	
10	PI/2 BPSK	1	1	20.26	20.32	20.18	21.8

<FR1 n7_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.57	19.62	19.5	20.7
50		1	135	19.32	19.44	19.35	20.7
50		1	268	19.36	19.46	19.43	20.7
50		135	0	19.37	19.5	19.27	20.7
50		135	68	19.49	19.6	19.37	20.7
50		135	135	18.93	19.1	18.89	20.7
50		270	0	19.38	19.5	19.37	20.7
50	QPSK	1	1	19.27	19.34	19.14	20.7
50		1	135	19.02	19.12	18.92	20.7
50		1	268	19.42	19.52	19.28	20.7
50		135	0	19.37	19.44	19.2	20.7
50		135	68	18.86	19.02	18.82	20.7
50		135	135	19.38	19.56	19.41	20.7
50		270	0	19.12	19.28	19.02	20.7
50	16QAM	1	1	18.9	19.02	18.89	20.7
50	64QAM	1	1	19.43	19.53	19.28	20.7
50	256QAM	1	1	19.18	19.3	19.08	20.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.49	19.58	19.37	20.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	19.53	19.54	19.4	20.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.43	19.61	19.37	20.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.43	19.58	19.44	20.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.51	19.53	19.37	20.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.52	19.57	19.36	20.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.51	19.58	19.48	20.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.55	19.48	19.47	20.7

<FR1 n66_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.78	22.82	22.75	23.7
45		1	120	22.37	22.43	22.3	23.7
45		1	240	22.32	22.43	22.26	23.7
45		120	0	22.55	22.63	22.45	23.7
45		120	60	22.61	22.7	22.56	23.7
45		120	120	22.18	22.31	22.16	23.7
45		240	0	22.7	22.82	22.62	23.7
45	QPSK	1	1	22.25	22.35	22.25	23.7
45		1	120	22.19	22.26	22.1	23.7
45		1	240	22.66	22.81	22.7	23.7
45		120	0	22.26	22.36	22.28	23.7
45		120	60	22.16	22.31	22.2	23.7
45		120	120	22.63	22.68	22.59	23.7
45		240	0	22.36	22.48	22.32	23.7
45	16QAM	1	1	22.21	22.34	22.25	23.7
45	64QAM	1	1	21.48	21.53	21.4	22.7
45	256QAM	1	1	19.55	19.7	19.5	20.7
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.77	22.79	22.67	23.7
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.73	22.77	22.73	23.7
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.76	22.69	22.65	23.7
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.72	22.78	22.62	23.7
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.69	22.69	22.68	23.7
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.7	22.74	22.69	23.7
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.71	22.75	22.7	23.7
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.7	22.68	22.7	23.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				516000	518000	520000	
Frequency (MHz)				2580	2590	2600	
40		1	1	26.89	26.64	26.92	21.5
40		1	53	26.42	26.49	26.37	21.5
40		1	104	26.96	26.74	26.62	21.5
40	PI/2 BPSK	50	0	26.36	26.53	26.39	21.5
40		50	28	26.64	26.8	26.68	21.5
40		50	56	26.1	26.27	26.14	21.5
40		100	0	26.46	26.66	26.39	21.5
40		1	1	26.36	26.43	26.37	21.5
40		1	53	26.64	26.62	26.73	21.5
40		1	104	26.39	26.57	26.45	21.5
40	QPSK	50	0	26.27	26.56	26.3	21.5
40		50	28	26.56	26.23	26.12	21.5
40		50	56	26.63	26.73	26.66	21.5
40		100	0	26.36	26.49	26.34	21.5
40	16QAM	1	1	26.94	26.11	26.05	21.5
40	64QAM	1	1	26.34	26.54	26.36	21.5
40	256QAM	1	1	19.35	19.69	19.4	20.5
Channel				517000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2583	2590	2605	
30	PI/2 BPSK	1	1	26.49	26.58	26.5	21.5
Channel				516000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2590	2607.6	
25	PI/2 BPSK	1	1	26.44	26.56	26.52	21.5
Channel				516000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2610	
20	PI/2 BPSK	1	1	26.47	26.57	26.48	21.5
Channel				515800	518000	522200	Tune-up Limit (dBm)
Frequency (MHz)				2577.9	2590	2612.6	
15	PI/2 BPSK	1	1	26.5	26.52	26.5	21.5
Channel				515650	518000	521650	Tune-up Limit (dBm)
Frequency (MHz)				2576	2590	2616	
10	PI/2 BPSK	1	1	26.49	26.56	26.49	21.5

<FR1 n41_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				509252	518998	528030	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	23.63	23.87	23.65	24.2
100		1	137	23.34	23.45	23.37	24.2
100		1	271	23.49	23.61	23.69	24.2
100	PI/2 BPSK	135	0	23.37	23.47	23.39	24.2
100		135	69	23.39	23.48	23.37	24.2
100		135	135	23.35	23.45	23.32	24.2
100		270	0	23.29	23.41	23.3	24.2
100		1	1	23.3	23.36	23.61	24.2
100		1	137	23.25	23.33	23.16	24.2
100		1	271	23.66	23.65	23.55	24.2
100	QPSK	135	0	23.13	23.26	23.22	24.2
100		135	69	23.52	23.45	23.39	24.2
100		135	135	23.12	23.22	23.16	24.2
100		270	0	23.16	23.21	23.12	24.2
100	16QAM	1	1	23.19	23.36	23.24	24.2
100	64QAM	1	1	21.7	21.87	21.76	22.7
100	256QAM	1	1	18.64	18.79	18.68	20.7
Channel				509200	518998	528196	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2644.98	
90	PI/2 BPSK	1	1	23.29	23.36	23.42	24.2
Channel				507226	518998	529936	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2699.96	
80	PI/2 BPSK	1	1	23.07	23.36	23.35	24.2
Channel				509252	518998	528744	Tune-up Limit (dBm)
Frequency (MHz)				2684.01	2692.98	2693	
70	PI/2 BPSK	1	1	23.34	23.35	23.37	24.2
Channel				509226	518998	528746	Tune-up Limit (dBm)
Frequency (MHz)				2684	2692.98	2693.02	
60	PI/2 BPSK	1	1	23.09	23.45	23.3	24.2
Channel				509226	518998	528746	Tune-up Limit (dBm)
Frequency (MHz)				2684	2692.98	2693.02	
50	PI/2 BPSK	1	1	23.44	23.47	23.37	24.2
Channel				509196	518998	528696	Tune-up Limit (dBm)
Frequency (MHz)				2683.9	2692.98	2687.46	
45	PI/2 BPSK	1	1	23.09	23.35	23.42	24.2
Channel				509252	518998	528720	Tune-up Limit (dBm)
Frequency (MHz)				2674.01	2692.98	2690	
40	PI/2 BPSK	1	1	23.35	23.46	23.31	24.2
Channel				509794	518998	528498	Tune-up Limit (dBm)
Frequency (MHz)				2673.92	2692.98	2672.46	
35	PI/2 BPSK	1	1	23.3	23.38	23.34	24.2
Channel				509220	518998	528198	Tune-up Limit (dBm)
Frequency (MHz)				2671	2692.98	2679.96	
30	PI/2 BPSK	1	1	23.07	23.45	23.39	24.2
Channel				507152	518998	528120	Tune-up Limit (dBm)
Frequency (MHz)				2664.01	2692.98	2677.5	
25	PI/2 BPSK	1	1	23.4	23.46	23.35	24.2
Channel				507124	518998	528148	Tune-up Limit (dBm)
Frequency (MHz)				2664.02	2692.98	2679.88	
20	PI/2 BPSK	1	1	23.32	23.47	23.33	24.2
Channel				506706	518998	528186	Tune-up Limit (dBm)
Frequency (MHz)				2662.9	2692.98	2682.42	
15	PI/2 BPSK	1	1	23.33	23.44	23.39	24.2
Channel				506702	518998	531700	Tune-up Limit (dBm)
Frequency (MHz)				2661.01	2692.98	2685	
10	PI/2 BPSK	1	1	23.29	23.36	23.34	24.2

<FR1 n41_HPUE_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch_1 Freq.	Power Ch_2 Freq.	Power Ch_3 Freq.	Tune-up Limit (dBm)
Channel				509,252	518998	528000	
Frequency (MHz)				2684.01	2692.99	2640	
100		1	1	26.5	26.57	26.51	26.2
100		1	137	24.37	24.47	24.46	26.2
100		1	271	24.13	24.2	24.36	26.2
100	PI/2 BPSK	135	0	23.83	23.94	23.87	26.7
100		135	69	24.26	24.4	24.36	25.2
100		135	135	24.02	24.05	23.99	26.7
100		270	0	23.97	24.03	23.9	26.7
100		1	1	24.26	24.36	24.22	25.2
100		1	137	24.19	24.23	24.12	26.2
100		1	271	24.16	24.27	24.23	26.2
100	QPSK	135	0	23.91	23.99	23.93	26.2
100		135	69	24.15	24.28	24.21	26.2
100		135	135	23.95	23.24	23.92	26.2
100		270	0	23.93	23.3	23.91	26.2
100	16QAM	1	1	22.29	22.34	22.31	24.2
100	64QAM	1	1	21.72	21.81	21.71	22.7
100	256QAM	1	1	18.86	18.99	18.83	20.7
Channel				509,200	518998	528096	Tune-up Limit (dBm)
Frequency (MHz)				2681	2692.98	2643.96	
90	PI/2 BPSK	1	1	24.41	24.43	24.46	26.2
Channel				507,252	518998	528996	Tune-up Limit (dBm)
Frequency (MHz)				2674.02	2692.98	2699.94	
80	PI/2 BPSK	1	1	24.36	24.5	24.48	26.2
Channel				509,252	518998	528744	Tune-up Limit (dBm)
Frequency (MHz)				2521.01	2692.98	2693	
70	PI/2 BPSK	1	1	24.49	24.4	24.39	26.2
Channel				509,226	518998	528746	Tune-up Limit (dBm)
Frequency (MHz)				2526	2692.98	2693.02	
60	PI/2 BPSK	1	1	24.42	24.43	24.41	26.2
Channel				509,226	518998	528996	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2692.98	2693.04	
50	PI/2 BPSK	1	1	24.39	24.39	24.41	26.2
Channel				509,196	518998	528,696	Tune-up Limit (dBm)
Frequency (MHz)				2518.3	2692.98	2687.46	
45	PI/2 BPSK	1	1	24.49	24.5	24.44	26.2
Channel				509,252	518998	528,720	Tune-up Limit (dBm)
Frequency (MHz)				2513.01	2692.98	2690	
40	PI/2 BPSK	1	1	24.48	24.43	24.46	26.2
Channel				509,794	518998	528,498	Tune-up Limit (dBm)
Frequency (MHz)				2512.92	2692.98	2672.46	
35	PI/2 BPSK	1	1	24.39	24.37	24.47	26.2
Channel				509,220	518998	528,996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2692.98	2679.96	
30	PI/2 BPSK	1	1	24.39	24.39	24.42	26.2
Channel				507,152	518998	528,720	Tune-up Limit (dBm)
Frequency (MHz)				2504.01	2692.98	2677.5	
25	PI/2 BPSK	1	1	24.48	24.43	24.49	26.2
Channel				507,124	518998	528,996	Tune-up Limit (dBm)
Frequency (MHz)				2509.02	2692.98	2679.84	
20	PI/2 BPSK	1	1	24.46	24.42	24.37	26.2
Channel				507,706	518998	528,996	Tune-up Limit (dBm)
Frequency (MHz)				2510.9	2692.98	2682.42	
15	PI/2 BPSK	1	1	24.46	24.39	24.46	26.2
Channel				507,452	518998	531,700	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2692.98	2685	
10	PI/2 BPSK	1	1	24.35	24.48	24.46	26.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	643332	
Frequency (MHz)				3542	3625.98	3679.98	
40		1	1	20.92	21	20.99	22.5
40		1	53	20.79	20.96	20.91	22.5
40	PI/2 BPSK	1	104	20.83	20.96	20.92	22.5
40		50	0	20.94	21.1	21.02	22
40		50	28	21.53	21.63	21.53	22.5
40		50	56	20.9	21.06	20.93	22
40		100	0	20.9	21.07	21.01	22
40		1	1	20.87	20.97	20.82	22.5
40		1	53	20.81	20.89	20.73	22.5
40		1	104	20.83	20.87	20.78	22.5
40	QPSK	50	0	20.45	20.57	20.53	21.5
40		50	28	21.36	21.52	21.48	22.5
40		50	56	20.42	20.51	20.44	21.5
40		100	0	20.34	20.53	20.47	21.5
40	16QAM	1	1	20.14	20.34	20.23	21.5
40	64QAM	1	1	18.93	19.53	19.79	20
40	256QAM	1	1	16.58	16.7	16.63	18
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3561.02	3625.98	3690.94	
30	PI/2 BPSK	1	1	20.79	20.94	20.96	22.5
Channel				637334	641666	645998	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3625.98	3692	
20	PI/2 BPSK	1	1	20.82	20.97	20.99	22.5
Channel				637334	641666	645998	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3625.98	3692.48	
15	PI/2 BPSK	1	1	20.9	20.89	20.96	22.5
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3554	3624.98	3695.92	
10	PI/2 BPSK	1	1	20.87	20.91	20.93	22.5

<FR1 n77 (27Q)_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		22.47		23.9
100		1	137		22.23		23.9
100		1	271		22.28		23.9
100	PI/2 BPSK	136	0		23.99		23.9
100		136	69		23.99		23.9
100		136	136		23.93		23.9
100		275	0		23.99		23.9
100		1	1		22.2		23.9
100		1	137		22.55		23.9
100		1	271		22.21		23.9
100	QPSK	136	0		23.12		23.9
100		136	69		23.02		23.9
100		136	136		23.05		23.9
100		275	0		23.09		23.9
100	16QAM	1	1		20.26		23.9
100	64QAM	1	1		20.17		23.9
100	256QAM	1	1		21.46		22.4
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.96	
90	PI/2 BPSK	1	1	22.37	22.39	22.33	23.9
Channel				632946	633332	633718	Tune-up Limit (dBm)
Frequency (MHz)				3493.52	3499.98	3506	
80	PI/2 BPSK	1	1	22.25	22.3	22.26	23.9
Channel				632724	633332	633940	Tune-up Limit (dBm)
Frequency (MHz)				3491.01	3499.98	3508.96	
70	PI/2 BPSK	1	1	22.34	22.31	22.28	23.9
Channel				632502	633332	634162	Tune-up Limit (dBm)
Frequency (MHz)				3488	3499.98	3511.94	
60	PI/2 BPSK	1	1	22.34	22.3	22.31	23.9
Channel				631968	633332	634696	Tune-up Limit (dBm)
Frequency (MHz)				3484.02	3499.98	3516	
50	PI/2 BPSK	1	1	22.27	22.31	22.25	23.9
Channel				631434	633332	635230	Tune-up Limit (dBm)
Frequency (MHz)				3477.01	3499.98	3522.96	
40	PI/2 BPSK	1	1	22.23	22.28	22.28	23.9
Channel				631100	633332	635566	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.98	3531.96	
30	PI/2 BPSK	1	1	22.21	22.33	22.27	23.9
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.33	22.36	22.33	23.9
Channel				630568	633332	636098	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.98	3540	
20	PI/2 BPSK	1	1	22.29	22.26	22.26	23.9
Channel				630318	633332	636346	Tune-up Limit (dBm)
Frequency (MHz)				3457.9	3499.98	3542.06	
15	PI/2 BPSK	1	1	22.29	22.36	22.3	23.9
Channel				630124	633332	636532	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.26	22.34	22.22	23.9

<FR1 n77 (27Q)_HPUE_Ant6_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		25.91		26.9
100		1	137		25.91		26.9
100		1	275		25.7		26.9
100	PI/2 BPSK	136	0		25.77		26.9
100		136	69		25.81		26.9
100		136	136		25.52		26.9
100		275	0		25.77		26.9
100		1	1		25.83		26.9
100		1	137		25.47		26.9
100		1	271		25.66		26.9
100	QPSK	136	0		24.72		25.9
100		136	69		25.07		25.9
100		136	136		24.6		25.9
100		275	0		24.99		25.9
100	16QAM	1	1		24.65		26.9
100	64QAM	1	1		23.29		24.4
100	256QAM	1	1		20.72		22.4
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.96	
90	PI/2 BPSK	1	1	25.81	25.82	25.79	26.9
Channel				632946	633332	633718	Tune-up Limit (dBm)
Frequency (MHz)				3493.52	3499.98	3506	
80	PI/2 BPSK	1	1	25.66	25.82	25.77	26.9
Channel				632724	633332	633940	Tune-up Limit (dBm)
Frequency (MHz)				3491.01	3499.98	3508.96	
70	PI/2 BPSK	1	1	25.72	25.81	25.76	26.9
Channel				632502	633332	634162	Tune-up Limit (dBm)
Frequency (MHz)				3488	3499.98	3511.94	
60	PI/2 BPSK	1	1	25.76	25.7	25.69	26.9
Channel				631968	633332	634696	Tune-up Limit (dBm)
Frequency (MHz)				3484.02	3499.98	3516	
50	PI/2 BPSK	1	1	25.77	25.7	25.79	26.9
Channel				631434	633332	635230	Tune-up Limit (dBm)
Frequency (MHz)				3477.01	3499.98	3522.96	
40	PI/2 BPSK	1	1	25.67	25.79	25.77	26.9
Channel				631068	633332	635566	Tune-up Limit (dBm)
Frequency (MHz)				3468	3499.98	3531.96	
30	PI/2 BPSK	1	1	25.76	25.74	25.67	26.9
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.8	25.75	26.9
Channel				630568	633332	636098	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.98	3540	
20	PI/2 BPSK	1	1	25.73	25.69	25.73	26.9
Channel				630318	633332	636346	Tune-up Limit (dBm)
Frequency (MHz)				3457.9	3499.98	3542.06	
15	PI/2 BPSK	1	1	25.68	25.7	25.68	26.9
Channel				630124	633332	636532	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.76	25.76	25.76	26.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3930	3960	3990	
100		1	1	22.37	22.45	22.31	23.5
100		1	137	21.46	22.09	21.92	23.5
100		1	271	22.27	22.37	22.12	23.5
100	PI/2 BPSK	135	0	22.09	22.23	21.98	23.5
100		134	69	21.97	22.35	21.91	23.5
100		135	135	22.02	22.22	22.07	23.5
100		270	0	22.11	22.3	22.11	23.5
100		1	1	22.21	22.53	22.16	23.5
100		1	137	21.65	22.04	21.83	23.5
100		1	271	22.33	22.43	22.25	23.5
100	QPSK	135	0	22.11	22.25	22.02	23.5
100		135	69	21.82	22.13	21.98	23.5
100		135	135	22.09	22.2	22.01	23.5
100		270	0	22.14	22.24	22.01	23.5
100	16QAM	1	1	22	22.16	22	23.5
100	64QAM	1	1	22.45	22.18	21.98	23.5
100	256QAM	1	1	20.46	20.66	20.47	22.4
Channel				649998	656000	662002	Tune-up Limit [dBm]
Frequency [MHz]				3749.02	3930	3930.98	
90	PI/2 BPSK	1	1	22.34	22.38	22.22	23.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3749.01	3930	3930.99	
80	PI/2 BPSK	1	1	22.32	22.43	22.27	23.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3733	3840	3946	
70	PI/2 BPSK	1	1	22.36	22.44	22.26	23.5
Channel				649668	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.32	22.33	22.17	23.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3723.01	3840	3956.99	
50	PI/2 BPSK	1	1	22.3	22.38	22.18	23.5
Channel				649000	656000	663000	Tune-up Limit [dBm]
Frequency [MHz]				3720	3840	3960	
40	PI/2 BPSK	1	1	22.23	22.31	22.28	23.5
Channel				647998	656000	664002	Tune-up Limit [dBm]
Frequency [MHz]				3713.02	3840	3966.98	
30	PI/2 BPSK	1	1	22.36	22.52	22.25	23.5
Channel				647500	656000	664500	Tune-up Limit [dBm]
Frequency [MHz]				3713.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.28	22.32	22.27	23.5
Channel				647334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3840	3966.99	
20	PI/2 BPSK	1	1	22.25	22.33	22.18	23.5
Channel				647168	656000	664832	Tune-up Limit [dBm]
Frequency [MHz]				3712.02	3840	3967.98	
15	PI/2 BPSK	1	1	22.35	22.3	22.26	23.5
Channel				647002	656000	664998	Tune-up Limit [dBm]
Frequency [MHz]				3703	3840	3977	
10	PI/2 BPSK	1	1	22.28	23.42	22.17	23.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3930	3960	3990	
100		1	1	25.55	25.81	25.53	26.5
100		1	137	25.26	25.43	25.22	26.5
100		1	271	25.1	25.27	25.16	26.5
100	PI/2 BPSK	135	0	24.98	24.98	24.49	26.5
100		135	69	24.8	25.03	24.8	26.5
100		135	135	24.89	24.7	24.64	26.5
100		270	0	24.64	24.73	24.6	26.5
100		1	1	25.19	25.35	25.17	26.5
100		1	137	24.61	25.06	24.92	26.5
100		1	271	25.27	25.36	25.15	26.5
100	QPSK	135	0	25.01	25.1	25.16	26.5
100		135	69	24.89	25.04	24.89	26.5
100		135	135	24.03	24.22	24.13	25.5
100		270	0	24.03	24.19	24.1	25.5
100	16QAM	1	1	24.22	24.46	24.35	25.5
100	64QAM	1	1	22.72	22.87	22.72	24.5
100	256QAM	1	1	20.68	20.88	20.3	22.5
Channel				649998	656000	662332	Tune-up Limit [dBm]
Frequency [MHz]				3749.02	3960	3954.98	
90	PI/2 BPSK	1	1	25.69	25.89	25.63	26.5
Channel				649334	656000	662666	Tune-up Limit [dBm]
Frequency [MHz]				3749.01	3960	3950.99	
80	PI/2 BPSK	1	1	25.52	25.54	25.66	26.5
Channel				649000	656000	663000	Tune-up Limit [dBm]
Frequency [MHz]				3750	3960	3960	
70	PI/2 BPSK	1	1	25.49	25.45	25.47	26.5
Channel				648668	656000	663332	Tune-up Limit [dBm]
Frequency [MHz]				3749.02	3960	3969.98	
60	PI/2 BPSK	1	1	25.41	25.37	25.3	26.5
Channel				648334	656000	663666	Tune-up Limit [dBm]
Frequency [MHz]				3749.01	3960	3964.99	
50	PI/2 BPSK	1	1	25.52	25.48	25.55	26.5
Channel				648000	656000	664000	Tune-up Limit [dBm]
Frequency [MHz]				3749	3960	3960	
40	PI/2 BPSK	1	1	25.69	25.45	25.67	26.5
Channel				647998	656000	664332	Tune-up Limit [dBm]
Frequency [MHz]				3713.02	3960	3966.98	
30	PI/2 BPSK	1	1	25.52	25.55	25.45	26.5
Channel				647500	656000	664500	Tune-up Limit [dBm]
Frequency [MHz]				3712.5	3960	3967.5	
25	PI/2 BPSK	1	1	25.52	25.46	25.42	26.5
Channel				647334	656000	664666	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3960	3966.99	
20	PI/2 BPSK	1	1	25.49	25.47	25.39	26.5
Channel				647168	656000	664832	Tune-up Limit [dBm]
Frequency [MHz]				3712.02	3960	3967.98	
15	PI/2 BPSK	1	1	25.54	25.49	25.51	26.5
Channel				647002	656000	664998	Tune-up Limit [dBm]
Frequency [MHz]				3703	3960	3973	
10	PI/2 BPSK	1	1	25.5	25.39	25.39	26.5

<FR1 n78 (27Q)_Ant6_DS04>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel					633332		
Frequency [MHz]					3459.98		
100		1	1		22.52		23.5
100		1	137		21.72		23.5
100		1	275		22		23.5
100	PI/2 BPSK	135	0		22.79		23.5
100		135	69		22.82		23.5
100		135	135		22.74		23.5
100		270	0		22.82		23.5
100		1	1		21.82		23.5
100		1	137		21.4		23.5
100		1	271		21.99		23.5
100	QPSK	135	0		22.79		23.5
100		135	69		22.72		23.5
100		135	135		22.76		23.5
100		270	0		22.87		23.5
100	16QAM	1	1		21.92		23.5
100	64QAM	1	1		21.89		23.5
100	256QAM	1	1		21.11		22.5
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.98	3469.98	
90	PI/2 BPSK	1	1	21.99	22.01	21.93	22.5
Channel				632999	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3449.99	3459.98	3470.01	
80	PI/2 BPSK	1	1	21.87	21.9	21.86	22.5
Channel				632334	633332	634330	Tune-up Limit [dBm]
Frequency [MHz]				3450.01	3459.98	3469.94	
70	PI/2 BPSK	1	1	21.94	21.94	21.91	22.5
Channel				632332	633332	634332	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.98	3469.96	
60	PI/2 BPSK	1	1	21.86	21.82	21.86	22.5
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3449.02	3459.98	3470.94	
50	PI/2 BPSK	1	1	21.91	21.99	21.85	22.5
Channel				631668	633332	634998	Tune-up Limit [dBm]
Frequency [MHz]				3449.01	3459.98	3471.01	
40	PI/2 BPSK	1	1	21.86	22	21.9	22.5
Channel				631002	633332	635662	Tune-up Limit [dBm]
Frequency [MHz]				3450	3459.98	3469.96	
30	PI/2 BPSK	1	1	21.9	21.89	21.76	22.5
Channel				630664	633332	636002	Tune-up Limit [dBm]
Frequency [MHz]				3450.01	3459.98	3527.48	
25	PI/2 BPSK	1	1	21.9	22	21.9	22.5
Channel				630666	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3450.02	3459.98	3500	
20	PI/2 BPSK	1	1	21.86	21.92	21.76	22.5
Channel				630332	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3447.5	3459.98	3542.48	
15	PI/2 BPSK	1	1	21.86	21.99	21.86	22.5
Channel				630000	633332	636664	Tune-up Limit [dBm]
Frequency [MHz]				3450.01	3459.98	3549.99	
10	PI/2 BPSK	1	1	21.89	21.82	21.83	22.5

<FR1 n78 (27Q)_HPUE_Ant6_DS4>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cm. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		23.42		26.9
100		1	137		25.55		26.9
100		1	273		23.62		26.9
100	PI/2 BPSK	135	0		25.11		26.4
100		135	69		23.54		26.9
100		135	138		23.52		26.4
100		270	0		23.08		26.4
100		1	1		23.79		26.9
100		1	137		25.47		26.9
100		1	271		23.6		26.9
100	QPSK	135	0		23.62		25.9
100		135	69		23.49		26.9
100		135	138		24.5		25.9
100		270	0		24.58		25.9
100	16QAM	1	1		24.7		26.9
100	64QAM	1	1		23.63		24.4
100	256QAM	1	1		20.62		22.4
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3509.99	
90	PI/2 BPSK	1	1	20.72	23.79	20.77	26.9
Channel				632982	633332	633682	Tune-up Limit (dBm)
Frequency (MHz)				3489.82	3499.99	3510	
80	PI/2 BPSK	1	1	20.7	23.68	20.74	26.9
Channel				632724	633332	633732	Tune-up Limit (dBm)
Frequency (MHz)				3489.31	3499.99	3510.99	
70	PI/2 BPSK	1	1	20.61	23.67	20.63	26.9
Channel				632550	633332	634068	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3510.99	
60	PI/2 BPSK	1	1	20.68	23.76	20.65	26.9
Channel				631968	633332	634692	Tune-up Limit (dBm)
Frequency (MHz)				3478.32	3499.99	3521	
50	PI/2 BPSK	1	1	20.64	23.69	20.79	26.9
Channel				631404	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3477.81	3499.99	3522.99	
40	PI/2 BPSK	1	1	20.68	23.73	20.72	26.9
Channel				631260	633332	635964	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.96	
30	PI/2 BPSK	1	1	20.67	23.68	20.68	26.9
Channel				630804	633332	635892	Tune-up Limit (dBm)
Frequency (MHz)				3480.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	20.69	23.68	20.62	26.9
Channel				630684	633332	636012	Tune-up Limit (dBm)
Frequency (MHz)				3480.32	3499.99	3543	
20	PI/2 BPSK	1	1	20.65	23.7	20.65	26.9
Channel				630516	633332	636156	Tune-up Limit (dBm)
Frequency (MHz)				3479.8	3499.99	3542.49	
15	PI/2 BPSK	1	1	20.68	23.69	20.69	26.9
Channel				630174	633332	636312	Tune-up Limit (dBm)
Frequency (MHz)				3480.51	3499.99	3548.98	
10	PI/2 BPSK	1	1	20.37	23.69	20.74	26.9

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BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cm. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		22.97		23.9
100		1	137		22.8		23.9
100		1	273		22.96		23.9
100	PI/2 BPSK	135	0		22.78		23.9
100		135	69		22.81		23.9
100		135	138		22.59		23.9
100		270	0		22.67		23.9
100		1	1		22.78		23.9
100		1	137		22.91		23.9
100		1	271		22.3		23.9
100	QPSK	135	0		22.73		23.9
100		135	69		22.62		23.9
100		135	138		22.57		23.9
100		270	0		22.66		23.9
100	16QAM	1	1		22.8		23.9
100	64QAM	1	1		22.79		23.9
100	256QAM	1	1		21.17		23.9
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3750.48	
90	PI/2 BPSK	1	1	22.62	22.8	22.87	23.9
Channel				649334	650000	650665	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3750.39	
80	PI/2 BPSK	1	1	22.7	22.75	22.79	23.9
Channel				649099	650000	650901	Tune-up Limit (dBm)
Frequency (MHz)				3749	3750	3751	
70	PI/2 BPSK	1	1	22.81	22.7	22.72	23.9
Channel				648866	650000	651132	Tune-up Limit (dBm)
Frequency (MHz)				3748.02	3750	3751.98	
60	PI/2 BPSK	1	1	22.73	22.77	22.73	23.9
Channel				648336	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3748.61	3750	3751.39	
50	PI/2 BPSK	1	1	22.71	22.67	22.84	23.9
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3748	3750	3752	
40	PI/2 BPSK	1	1	22.77	22.68	22.84	23.9
Channel				647868	650000	652132	Tune-up Limit (dBm)
Frequency (MHz)				3748.08	3750	3751.92	
30	PI/2 BPSK	1	1	22.7	22.78	22.73	23.9
Channel				647868	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3747.9	3750	3752.1	
25	PI/2 BPSK	1	1	22.7	22.72	22.8	23.9
Channel				647736	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3747.51	3750	3752.49	
20	PI/2 BPSK	1	1	22.73	22.79	22.82	23.9
Channel				647736	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3747.72	3750	3752.28	
15	PI/2 BPSK	1	1	22.75	22.66	22.84	23.9
Channel				647736	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3747.72	3750	3752.28	
10	PI/2 BPSK	1	1	22.81	22.73	22.75	23.9

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BW[MHz]	Modulation	RB Size	RB Offset	Power Cb. / Freq.	Power Cm. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		25.9		26.9
100		1	137		25.58		26.9
100		1	273		25.61		26.9
100	PI/2 BPSK	135	0		24.85		26.4
100		135	69		25.3		26.9
100		135	138		24.71		26.4
100		270	0		25.14		26.4
100		1	1		25.79		26.9
100		1	137		25.67		26.9
100		1	271		25.63		26.9
100	QPSK	135	0		24.68		25.9
100		135	69		25.61		26.9
100		135	138		24.57		25.9
100		270	0		24.57		25.9
100	16QAM	1	1		24.64		25.9
100	64QAM	1	1		23.99		24.4
100	256QAM	1	1		21.1		22.4
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3750.48	
90	PI/2 BPSK	1	1	25.82	25.88	25.87	26.9
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3750.39	
80	PI/2 BPSK	1	1	25.81	25.85	25.75	26.9
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3748	3750	3752	
70	PI/2 BPSK	1	1	25.74	25.8	25.85	26.9
Channel				648666	650000	651334	Tune-up Limit (dBm)
Frequency (MHz)				3747.93	3750	3752.07	
60	PI/2 BPSK	1	1	25.81	25.84	25.78	26.9
Channel				648336	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3748.61	3750	3751.39	
50	PI/2 BPSK	1	1	25.77	25.82	25.79	26.9
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3748	3750	3752	
40	PI/2 BPSK	1	1	25.74	25.74	25.72	26.9
Channel				647868	650000	652132	Tune-up Limit (dBm)
Frequency (MHz)				3748.08	3750	3751.92	
30	PI/2 BPSK	1	1	25.68	25.86	25.77	26.9
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3747.9	3750	3752.1	
25	PI/2 BPSK	1	1	25.68	25.76	25.81	26.9
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3747.51	3750	3752.49	
20	PI/2 BPSK	1	1	25.72	25.87	25.86	26.9
Channel				647166	650000	652834	Tune-up Limit (dBm)
Frequency (MHz)				3747.08	3750	3752.92	
15	PI/2 BPSK	1	1	25.8	25.87	25.8	26.9
Channel				647166	650000	652834	Tune-up Limit (dBm)
Frequency (MHz)				3747.08	3750	3752.92	
10	PI/2 BPSK	1	1	25.71	25.88	25.79	26.9

<FR1 n7_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.93	16.04	15.8	16.7
50		1	135	15.81	15.98	15.7	16.7
50		1	268	15.81	16.01	15.62	16.7
50		135	0	15.83	15.97	15.71	16.7
50		135	68	15.8	16.05	15.68	16.7
50		135	135	15.79	16.02	15.63	16.7
50		270	0	15.79	16.03	15.66	16.7
50	QPSK	1	1	15.96	16.12	15.84	16.7
50		1	135	15.75	15.91	15.64	16.7
50		1	268	15.86	16.04	15.7	16.7
50		135	0	15.84	16	15.63	16.7
50		135	68	15.87	16.12	15.87	16.7
50		135	135	15.92	16.12	15.83	16.7
50		270	0	15.88	16.13	15.8	16.7
50	16QAM	1	1	15.71	15.95	15.58	16.7
50	64QAM	1	1	15.65	15.9	15.58	16.7
50	256QAM	1	1	15.79	15.99	15.67	16.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.88	15.94	15.71	16.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.91	16.03	15.76	16.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.9	15.9	15.67	16.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.89	15.96	15.68	16.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.82	15.98	15.77	16.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.79	16.02	15.73	16.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.91	15.93	15.77	16.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.78	15.95	15.71	16.7

<FR1 n66_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.51	19.54	19.47	20.5
45		1	120	19.3	19.35	19.19	20.5
45		1	240	19.39	19.49	19.38	20.5
45		120	0	19.23	19.4	19.24	20.5
45		120	60	19.3	19.47	19.31	20.5
45		120	120	19.16	19.32	19.24	20.5
45		240	0	19.36	19.45	19.29	20.5
45	QPSK	1	1	19.25	19.37	19.25	20.5
45		1	120	19.32	19.49	19.35	20.5
45		1	240	19.25	19.38	19.17	20.5
45		120	0	19.44	19.5	19.31	20.5
45		120	60	19.29	19.36	19.17	20.5
45		120	120	19.42	19.51	19.3	20.5
45		240	0	19.39	19.45	19.27	20.5
45	16QAM	1	1	19.4	19.54	19.32	20.5
45	64QAM	1	1	19.33	19.5	19.36	20.5
45	256QAM	1	1	18.57	18.62	18.49	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.38	19.43	19.38	20.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.47	19.51	19.39	20.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.44	19.41	19.36	20.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.36	19.47	19.36	20.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.48	19.44	19.37	20.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.45	19.49	19.45	20.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.38	19.47	19.32	20.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.38	19.47	19.39	20.5

<FR1 n38_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2570	2590	2610	
40		1	1	19.02	19.06	19	20.2
40		1	53	18.91	18.91	18.79	20.2
40		1	104	18.9	19	18.81	20.2
40	PI/2 BPSK	50	0	18.76	18.9	18.74	20.2
40		50	28	18.9	19.03	18.92	20.2
40		50	56	18.81	18.99	18.9	20.2
40		100	0	18.87	19.06	18.87	20.2
40		1	1	18.93	19.05	18.95	20.2
40		1	53	18.85	18.99	18.84	20.2
40		1	104	18.92	19.09	18.91	20.2
40	QPSK	50	0	18.91	19.01	18.84	20.2
40		50	28	18.84	19.01	18.84	20.2
40		50	56	18.99	19.17	19.03	20.2
40		100	0	18.74	18.9	18.79	20.2
40	16QAM	1	1	18.94	19.02	18.82	20.2
40	64QAM	1	1	18.83	18.91	18.76	20.2
40	256QAM	1	1	18.35	18.45	18.31	19.7
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2595	2605	
20	PI/2 BPSK	1	1	18.9	18.96	18.87	20.2
Channel				516500	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
20	PI/2 BPSK	1	1	18.93	18.93	18.94	20.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.99	18.97	18.94	20.2
Channel				515500	519000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.97	18.92	18.92	20.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.95	19.04	18.87	20.2

<FR1 n41_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	20.16	20.75	20.35	21.7
100		1	137	19.94	20.54	20.1	21.7
100		1	271	19.89	20.56	20.07	21.7
100	PI/2 BPSK	135	0	19.9	20.56	20.12	21.7
100		135	69	20.26	20.73	20.22	21.7
100		135	138	20.13	20.72	20.18	21.7
100		270	0	19.98	20.6	20.12	21.7
100		1	1	19.94	20.53	20.03	21.7
100		1	137	19.93	20.55	20	21.7
100		1	271	19.98	20.6	20.16	21.7
100	QPSK	135	0	19.95	20.6	20.12	21.7
100		135	69	20.11	20.79	20.33	21.7
100		135	138	20.01	20.71	20.17	21.7
100		270	0	19.91	20.61	20.13	21.7
100	16QAM	1	1	20.06	20.75	20.24	21.7
100	64QAM	1	1	19.06	19.67	19.16	20.2
100	256QAM	1	1	17.19	17.76	17.33	18.2
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.04	20.67	20.28	21.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.13	20.69	20.28	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2605	
70	PI/2 BPSK	1	1	20.04	20.73	20.26	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.12	20.69	20.24	21.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.11	20.62	20.32	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.09	20.71	20.24	21.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.09	20.72	20.24	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.12	20.65	20.32	21.7
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.15	20.62	20.23	21.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.04	20.64	20.2	21.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	20.05	20.66	20.34	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.06	20.61	20.33	21.7
Channel				500052	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.04	20.68	20.22	21.7

<FR1 n41_HPUE_Ant7_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	22.49	22.99	22.79	23.7
100		1	137	21.85	22.36	22.15	23.7
100		1	271	21.72	22.17	21.96	23.7
100	PI/2 BPSK	135	0	21.64	22.07	21.85	23.2
100		135	69	21.86	22.38	22.18	23.7
100		135	138	21.3	21.74	21.55	23.2
100		270	0	21.5	21.92	21.77	23.2
100		1	1	22.31	22.77	22.57	23.7
100		1	137	21.68	22.21	22.05	23.7
100		1	271	21.48	21.98	21.78	23.7
100	QPSK	135	0	21.16	21.57	21.39	22.7
100		135	69	21.81	22.34	22.23	23.7
100		135	138	20.98	21.27	21.12	22.7
100		270	0	21.03	21.49	21.33	22.7
100	16QAM	1	1	21.48	21.91	21.79	22.7
100	64QAM	1	1	19.98	20.41	20.26	21.2
100	256QAM	1	1	17.68	18.06	18.04	19.2
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	22.46	22.94	22.69	23.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.41	22.79	22.73	23.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2605	
70	PI/2 BPSK	1	1	22.35	22.8	22.66	23.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	22.38	22.81	22.66	23.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.42	22.85	22.7	23.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.42	22.84	22.69	23.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.47	22.91	22.69	23.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.35	22.91	22.77	23.7
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.34	22.86	22.64	23.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.43	22.75	22.73	23.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	22.34	22.86	22.65	23.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.4	22.74	22.72	23.7
Channel				500052	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.43	22.85	22.72	23.7

<FR1 n48_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636600	641666	646332	
Frequency (MHz)				3670	3624.99	3679.98	
40		1	1	18	18.25	18.17	19.9
40		1	53	17.96	18.23	18.07	19.9
40		1	104	17.83	18.12	18.02	19.9
40	PI/2 BPSK	50	0	17.37	17.68	17.53	19.4
40		50	29	17.91	18.24	18.13	19.9
40		50	58	17.27	17.62	17.45	19.4
40		100	0	17.32	17.59	17.45	19.4
40		1	1	17.79	18.03	17.96	19.9
40		1	53	17.71	18.06	17.96	19.9
40		1	104	17.76	18.12	18.01	19.9
40	QPSK	50	0	16.76	17.09	16.97	18.9
40		50	58	17.71	18.04	17.93	19.9
40		50	58	16.71	17.06	16.88	18.9
40		100	0	16.97	17.11	16.95	18.9
40	16QAM	1	1	16.67	16.95	16.77	18.9
40	64QAM	1	1	15.25	15.53	15.45	17.4
40	256QAM	1	1	13.31	13.54	13.37	15.4
Channel				627565	641666	655768	Tune-up Limit (dBm)
Frequency (MHz)				3565.03	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.88	18.12	18.04	19.9
Channel				627394	641666	656050	Tune-up Limit (dBm)
Frequency (MHz)				3563.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.84	18.2	18.09	19.9
Channel				627166	641666	656166	Tune-up Limit (dBm)
Frequency (MHz)				3557.82	3624.99	3690.48	
15	PI/2 BPSK	1	1	17.86	18.1	18.16	19.9
Channel				627060	641666	656332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.91	18.21	18.03	19.9

<FR1 n77 (27Q)_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		17.98		18.3
100		1	137		17.84		18.3
100		1	271		17.8		18.3
100	PI/2 BPSK	135	0		17.93		18.3
100		135	69		17.96		18.3
100		135	138		17.85		18.3
100		270	0		17.93		18.3
100		1	1		17.83		18.3
100		1	137		17.79		18.3
100		1	271		17.8		18.3
100	QPSK	135	0		17.84		18.3
100		135	69		17.93		18.3
100		135	138		17.77		18.3
100		270	0		17.74		18.3
100	16QAM	1	1		17.9		18.3
100	64QAM	1	1		17.73		18.3
100	256QAM	1	1		17.95		18.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.95	17.93	17.73	18.3
Channel				633066	633332	633600	Tune-up Limit (dBm)
Frequency (MHz)				3496.02	3499.98	30.13	
80	PI/2 BPSK	1	1	17.93	17.91	17.68	18.3
Channel				633132	633332	633532	Tune-up Limit (dBm)
Frequency (MHz)				3497.01	3499.98	3502.96	
70	PI/2 BPSK	1	1	17.94	17.89	17.67	18.3
Channel				633100	633332	633566	Tune-up Limit (dBm)
Frequency (MHz)				3497	3499.98	3502.99	
60	PI/2 BPSK	1	1	17.95	17.9	17.65	18.3
Channel				633166	633332	633500	Tune-up Limit (dBm)
Frequency (MHz)				3497.52	3499.98	3502	
50	PI/2 BPSK	1	1	17.9	17.88	17.59	18.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3493.01	3499.98	3506.98	
40	PI/2 BPSK	1	1	17.93	17.91	17.62	18.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.98	3508.98	
30	PI/2 BPSK	1	1	17.92	17.86	17.57	18.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3492.51	3499.98	3507.48	
25	PI/2 BPSK	1	1	17.93	17.88	17.66	18.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3492.02	3499.98	3508	
20	PI/2 BPSK	1	1	17.94	17.91	17.62	18.3
Channel				630330	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3491.5	3499.98	3508.46	
15	PI/2 BPSK	1	1	17.87	17.84	17.65	18.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3493.01	3499.98	3506.98	
10	PI/2 BPSK	1	1	17.9	17.88	17.59	18.3

<FR1 n77 (27Q)_HPUE_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.65		21.3
100		1	137		20.7		21.3
100		1	271		20.65		21.3
100	PI/2 BPSK	135	0		20.67		21.3
100		135	69		20.74		21.3
100		135	138		20.8		21.3
100		270	0		20.71		21.3
100		1	1		20.86		21.3
100		1	137		20.81		21.3
100		1	271		20.67		21.3
100	QPSK	135	0		20.85		21.3
100		135	69		20.85		21.3
100		135	138		20.85		21.3
100		270	0		20.78		21.3
100	16QAM	1	1		20.66		21.3
100	64QAM	1	1		20.29		21.3
100	256QAM	1	1		18.7		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.85	20.78	20.66	21.3
Channel				633066	633332	633600	Tune-up Limit (dBm)
Frequency (MHz)				3496.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.82	20.71	20.62	21.3
Channel				633132	633332	633532	Tune-up Limit (dBm)
Frequency (MHz)				3497.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.7	20.68	20.49	21.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.82	20.63	20.65	21.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.82	20.63	20.57	21.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.71	20.74	20.63	21.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.83	20.63	20.58	21.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.71	20.75	20.52	21.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.7	20.7	20.58	21.3
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.46	
15	PI/2 BPSK	1	1	20.79	20.65	20.63	21.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.79	20.75	20.51	21.3

<FR1 n77 (27O)_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			650000	656666	663332	
	Frequency (MHz)			3720	3840	3920	
100		1	1	17.32	17.41	17.04	18.3
100		1	137	16.99	17.12	16.59	18.3
100		1	271	16.86	17.17	16.79	18.3
100	PI/2 BPSK	135	0	17	16.99	16.56	18.3
100		135	69	16.9	17.18	16.72	18.3
100		135	136	17.02	17.15	16.71	18.3
100		270	0	17.02	17.24	16.73	18.3
100		1	1	16.67	17.09	16.59	18.3
100		1	137	17.05	17.05	16.63	18.3
100		1	271	16.99	17.07	16.58	18.3
100	QPSK	135	0	16.94	17.05	16.63	18.3
100		135	69	16.97	17.18	16.57	18.3
100		135	136	17.07	17.03	16.71	18.3
100		270	0	16.91	17.03	16.59	18.3
100	16QAM	1	1	17.04	17.23	16.79	18.3
100	64QAM	1	1	16.97	17.13	16.71	18.3
100	256QAM	1	1	17.04	17.16	16.65	18.3
	Channel			649998	656666	663334	Tune-up Limit (dBm)
	Frequency (MHz)			3749.02	3840	3930.98	
90	PI/2 BPSK	1	1	17.18	17.26	16.97	18.3
	Channel			649334	656666	663998	Tune-up Limit (dBm)
	Frequency (MHz)			3749.01	3840	3930.99	
80	PI/2 BPSK	1	1	17.21	17.29	16.93	18.3
	Channel			649002	656666	663330	Tune-up Limit (dBm)
	Frequency (MHz)			3729	3840	3951	
70	PI/2 BPSK	1	1	17.24	17.28	16.98	18.3
	Channel			648668	656000	663332	Tune-up Limit (dBm)
	Frequency (MHz)			3720.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.22	17.3	16.95	18.3
	Channel			649334	656666	663998	Tune-up Limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.25	17.36	16.97	18.3
	Channel			649000	656666	664000	Tune-up Limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	17.25	17.31	16.98	18.3
	Channel			647998	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.21	17.31	17	18.3
	Channel			647332	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.29	17.39	16.89	18.3
	Channel			647334	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3713.01	3840	3966.99	
20	PI/2 BPSK	1	1	17.26	17.31	16.96	18.3
	Channel			647668	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.19	17.31	16.95	18.3
	Channel			647000	656000	665000	Tune-up Limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	17.21	17.32	17.02	18.3

<FR1 n77 (27O)_HPUE_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3720	3840	3960	
100		1	1	20.36	20.23	20.1	21.3
100		1	137	19.88	20.04	19.78	21.3
100	PI/2 BPSK	1	271	20.19	20.2	19.83	21.3
100		135	0	20.23	20.17	20.08	21.3
100		135	69	20.26	20.28	20.06	21.3
100		135	138	20.33	20.13	20.01	21.3
100		270	0	20.15	20.35	19.91	21.3
100		1	1	20.32	20.24	20.04	21.3
100		1	137	20.16	20.21	19.89	21.3
100		1	271	20.18	20.23	19.83	21.3
100	QPSK	135	0	20.17	20.14	19.94	21.3
100		135	69	20.19	20.26	20.01	21.3
100		135	138	20.11	20.27	19.87	21.3
100		270	0	20.23	20.31	19.98	21.3
100	16QAM	1	1	20.32	20.33	19.92	21.3
100	64QAM	1	1	19.66	19.8	19.48	21.3
100	256QAM	1	1	18.07	18.13	17.91	19.3
	Channel			649998	656666	663334	Tune-up Limit (dBm)
	Frequency (MHz)			3749.02	3840	3930.98	
90	PI/2 BPSK	1	1	20.33	20.16	19.98	21.3
	Channel			649344	656666	663988	Tune-up Limit (dBm)
	Frequency (MHz)			3749.01	3840	3930.99	
80	PI/2 BPSK	1	1	20.2	20.14	19.96	21.3
	Channel			649002	656666	663330	Tune-up Limit (dBm)
	Frequency (MHz)			3729	3840	3951	
70	PI/2 BPSK	1	1	20.29	20.15	19.98	21.3
	Channel			648668	656000	663332	Tune-up Limit (dBm)
	Frequency (MHz)			3720.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.3	20.12	20.03	21.3
	Channel			649334	656666	663998	Tune-up Limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.27	20.09	19.97	21.3
	Channel			649000	656000	664000	Tune-up Limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	20.26	20.15	19.97	21.3
	Channel			647998	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.23	20.17	20	21.3
	Channel			647332	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.2	20.16	19.99	21.3
	Channel			647334	656000	664666	Tune-up Limit (dBm)
	Frequency (MHz)			3713.01	3840	3966.99	
20	PI/2 BPSK	1	1	20.21	20.12	20.09	21.3
	Channel			647668	656000	664332	Tune-up Limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.26	20.19	20.03	21.3
	Channel			647000	656000	665000	Tune-up Limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	20.26	20.12	19.97	21.3

<FR1 n78 (27Q)_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
	Channel				630332		
	Frequency (MHz)				3489.98		
100		1	1		17.97		18.3
100		1	137		17.79		18.3
100	PI/2 BPSK	1	271		17.79		18.3
100		135	0		17.86		18.3
100		135	69		18.02		18.3
100		135	138		17.79		18.3
100		270	0		17.86		18.3
100		1	1		17.81		18.3
100		1	137		17.79		18.3
100		1	271		17.85		18.3
100	QPSK	135	0		17.98		18.3
100		135	69		17.8		18.3
100		135	138		17.91		18.3
100		270	0		17.84		18.3
100	16QAM	1	1		17.99		18.3
100	64QAM	1	1		17.85		18.3
100	256QAM	1	1		17.96		18.3
	Channel			633000	633332	633666	Tune-up Limit (dBm)
	Frequency (MHz)			3480	3489.98	3504.99	
90	PI/2 BPSK	1	1	17.99	17.96	17.94	18.3
	Channel			632998	633332	634000	Tune-up Limit (dBm)
	Frequency (MHz)			3480.02	3489.98	3510	
80	PI/2 BPSK	1	1	17.98	17.92	17.78	18.3
	Channel			632668	633332	634000	Tune-up Limit (dBm)
	Frequency (MHz)			3480.67	3489.98	3504.68	
70	PI/2 BPSK	1	1	17.98	17.85	17.78	18.3
	Channel			632000	633333	634666	Tune-up Limit (dBm)
	Frequency (MHz)			3480	3489.99	3519.99	
60	PI/2 BPSK	1	1	17.93	17.83	17.78	18.3
	Channel			631998	633332	635000	Tune-up Limit (dBm)
	Frequency (MHz)			3470.02	3489.98	3520	
50	PI/2 BPSK	1	1	17.96	17.84	17.72	18.3
	Channel			631334	633332	635332	Tune-up Limit (dBm)
	Frequency (MHz)			3470.01	3489.98	3529.98	
40	PI/2 BPSK	1	1	17.89	17.82	17.72	18.3
	Channel			631000	633332	635666	Tune-up Limit (dBm)
	Frequency (MHz)			3460	3489.98	3539.98	
30	PI/2 BPSK	1	1	17.92	17.88	17.71	18.3
	Channel			630834	633332	635832	Tune-up Limit (dBm)
	Frequency (MHz)			3462.51	3489.98	3537.48	
25	PI/2 BPSK	1	1	17.93	17.83	17.91	18.3
	Channel			630668	633332	636000	Tune-up Limit (dBm)
	Frequency (MHz)			3460.02	3489.98	3540	
20	PI/2 BPSK	1	1	17.89	17.85	17.78	18.3
	Channel			630330	633332	636166	Tune-up Limit (dBm)
	Frequency (MHz)			3457.5	3489.98	3542.49	
15	PI/2 BPSK	1	1	17.95	17.89	17.78	18.3
	Channel			630330	633332	636332	Tune-up Limit (dBm)
	Frequency (MHz)			3455.01	3489.98	3544.98	
10	PI/2 BPSK	1	1	17.91	17.94	17.72	18.3

<FR1 n78 (27Q)_HPUE_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					636332		
Frequency (MHz)					3488.98		
100		1	1		20.79		21.3
100		1	137		20.5		21.3
100	PI/2 BPSK	1	271		20.71		21.3
100		135	0		20.54		21.3
100		135	69		20.62		21.3
100		135	138		20.72		21.3
100		270	0		20.66		21.3
100		1	1		20.7		21.3
100		1	137		20.65		21.3
100		1	271		20.56		21.3
100	QPSK	135	0		20.49		21.3
100		135	69		20.69		21.3
100		135	138		20.52		21.3
100		270	0		20.54		21.3
100	16QAM	1	1		20.6		21.3
100	64QAM	1	1		19.9		21.3
100	256QAM	1	1		19.09		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3485	3488.98	3504.99	
90	PI/2 BPSK	1	1	20.52	20.6	20.54	21.3
Channel				632988	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3484.32	3488.98	3610	
80	PI/2 BPSK	1	1	20.61	20.58	20.49	21.3
Channel				632976	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3484.01	3488.98	3514.98	
70	PI/2 BPSK	1	1	20.46	20.5	20.52	21.3
Channel				632965	633332	634566	Tune-up Limit (dBm)
Frequency (MHz)				3483	3488.98	3519.99	
60	PI/2 BPSK	1	1	20.38	20.54	20.49	21.3
Channel				632988	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3488.98	3505	
50	PI/2 BPSK	1	1	20.42	20.5	20.44	21.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3488.98	3529.98	
40	PI/2 BPSK	1	1	20.44	20.46	20.49	21.3
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3488.98	3524.16	
30	PI/2 BPSK	1	1	20.38	20.54	20.42	21.3
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3488.98	3527.46	
25	PI/2 BPSK	1	1	20.37	20.54	20.49	21.3
Channel				630468	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3488.98	3566	
20	PI/2 BPSK	1	1	20.49	20.52	20.48	21.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3488.98	3542.49	
15	PI/2 BPSK	1	1	20.38	20.56	20.51	21.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3488.98	3544.98	
10	PI/2 BPSK	1	1	20.39	20.54	20.5	21.3

<FR1 n78 (27O)_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		17.6		18.3
100		1	137		17.6		18.3
100	PI/2 BPSK	1	271		17.66		18.3
100		135	0		17.65		18.3
100		135	69		17.67		18.3
100		135	138		17.62		18.3
100		270	0		17.62		18.3
100		1	1		17.71		18.3
100		1	137		17.54		18.3
100		1	271		17.68		18.3
100	QPSK	135	0		17.63		18.3
100		135	69		17.57		18.3
100		135	138		17.6		18.3
100		270	0		17.51		18.3
100	16QAM	1	1		17.58		18.3
100	64QAM	1	1		17.65		18.3
100	256QAM	1	1		17.5		18.3
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.65	17.63	17.6	18.3
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3759.98	
80	PI/2 BPSK	1	1	17.55	17.6	17.52	18.3
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.58	17.57	17.5	18.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.41	17.54	17.47	18.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3729.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.59	17.55	17.27	18.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.61	17.58	17.52	18.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3750	3789.98	
30	PI/2 BPSK	1	1	17.56	17.59	17.51	18.3
Channel				647000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3710.5	3750	3797.5	
25	PI/2 BPSK	1	1	17.59	17.61	17.56	18.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.52	17.49	17.52	18.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.55	17.52	17.49	18.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.53	17.56	17.54	18.3

<FR1 n78 (27O)_HPUE_Ant9_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		20.37		21.3
100		1	137		19.87		21.3
100	PI/2 BPSK	1	271		20.04		21.3
100		135	0		20.06		21.3
100		135	69		20.06		21.3
100		135	138		19.89		21.3
100		270	0		19.99		21.3
100		1	1		19.87		21.3
100		1	137		19.98		21.3
100		1	271		19.82		21.3
100	QPSK	135	0		20		21.3
100		135	69		20.01		21.3
100		135	138		19.86		21.3
100		270	0		19.98		21.3
100	16QAM	1	1		20.07		21.3
100	64QAM	1	1		19.76		21.3
100	256QAM	1	1		19.43		19.3
Channel				649668	650332	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.98	19.98	20.01	21.3
Channel				649334	650332	650666	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3759.98	
80	PI/2 BPSK	1	1	19.9	19.87	19.92	21.3
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.95	19.9	19.97	21.3
Channel				648668	650001	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.89	19.95	19.92	21.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.96	19.91	19.95	21.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.83	19.85	19.97	21.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3750	3789.98	
30	PI/2 BPSK	1	1	19.9	19.87	20	21.3
Channel				647000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3710.5	3750	3797.5	
25	PI/2 BPSK	1	1	19.9	19.82	19.96	21.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.93	19.95	19.98	21.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.89	19.93	19.92	21.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.89	19.87	19.9	21.3

<FR1 n38_Ant4_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.13	22.3	21.72	23.2
40		1	53	21.99	22.21	21.61	23.2
40		1	104	22.03	22.21	21.5	23.2
40	PI/2 BPSK	50	0	21.37	21.61	20.95	22.7
40		50	28	22.03	22.26	21.56	23.2
40		50	56	21.37	21.65	20.96	22.7
40		100	0	21.44	21.74	21.06	22.7
40		1	1	21.9	22.16	21.51	23.2
40		1	53	21.93	22.13	21.51	23.2
40		1	104	21.82	23	21.3	23.2
40	QPSK	50	0	20.85	21.56	20.39	22.2
40		50	28	22.04	22.23	21.52	23.2
40		50	56	20.85	21.1	20.43	22.2
40		100	0	21.01	21.24	20.63	22.2
40	16QAM	1	1	20.73	21.04	20.36	22.2
40	64QAM	1	1	18.4	18.58	18.09	20.7
40	256QAM	1	1	17.41	17.56	17.02	18.7
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	22.1	22.23	21.6	23.2
Channel				516000	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2590	2597.3	
20	PI/2 BPSK	1	1	22.09	22.22	21.61	23.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	22.01	22.23	21.69	23.2
Channel				515200	519000	522800	Tune-up Limit (dBm)
Frequency (MHz)				2577.2	2590	2602.8	
15	PI/2 BPSK	1	1	22.06	22.16	21.59	23.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	22.03	22.26	21.66	23.2

<FR1 n41_Ant4_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.89	21.35	21.34	22.2
100		1	137	20.78	21.3	21.2	22.2
100		1	271	20.86	21.32	21.18	22.2
100	PI/2 BPSK	135	0	20.09	21.13	21.09	21.7
100		135	69	20.88	21.34	21.2	22.2
100		135	138	20.8	21.3	21.17	21.7
100		270	0	20.76	21.26	21.12	21.7
100		1	1	20.04	21.06	20.91	22.2
100		1	137	20.81	21.32	21.22	22.2
100		1	271	20.22	20.49	20.09	22.2
100	QPSK	135	0	20.12	20.69	20.51	21.2
100		135	69	20.85	21.33	21.29	22.2
100		135	138	19.87	20.32	20.21	21.2
100		270	0	20.08	20.54	20.44	21.2
100	16QAM	1	1	20.03	20.67	20.83	21.2
100	64QAM	1	1	19.14	19.55	19.39	19.7
100	256QAM	1	1	17.1	17.5	17.46	17.7
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.82	21.35	21.25	22.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2644.99	
80	PI/2 BPSK	1	1	20.83	21.33	21.26	22.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2541.01	2592.99	2645	
70	PI/2 BPSK	1	1	20.86	21.31	21.28	22.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2536	2592.99	2649.96	
60	PI/2 BPSK	1	1	20.89	21.21	21.19	22.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2531.04	2592.99	2654.94	
50	PI/2 BPSK	1	1	20.82	21.32	21.28	22.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.84	21.34	21.29	22.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.82	21.35	21.21	22.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.9	21.37	21.29	22.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.82	21.2	21.3	22.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	21.2	21.19	22.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	20.83	21.31	21.22	22.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.89	21.23	21.33	22.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.83	21.23	21.25	22.2

<FR1 n41_HPUE_Ant4_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.75	22.34	22.23	23.2
100		1	137	21.51	22.14	21.88	23.2
100		1	271	20.91	21.34	21.14	23.2
100	PI/2 BPSK	135	0	21.66	21.72	21.54	22.7
100		135	69	21.38	22.07	21.91	23.2
100		135	138	20.74	21.42	21.2	22.7
100		270	0	21.11	21.73	21.55	22.7
100		1	1	21.7	22.32	22.19	23.2
100		1	137	21.34	21.98	21.86	23.2
100		1	271	20.4	21.42	21.29	23.2
100	QPSK	135	0	20.61	21.21	20.97	22.2
100		135	69	21.32	21.95	21.77	23.2
100		135	138	19.8	20.31	20.09	22.2
100		270	0	20.36	21.02	20.83	22.2
100	16QAM	1	1	20.26	20.95	20.69	22.2
100	64QAM	1	1	18.05	19.16	19.04	20.7
100	256QAM	1	1	16.58	17.17	16.98	18.7
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	21.7	22.33	22.21	23.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2644.99	
80	PI/2 BPSK	1	1	21.74	22.3	22.21	23.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2541.01	2592.99	2645	
70	PI/2 BPSK	1	1	21.65	22.29	22.2	23.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2536	2592.99	2649.96	
60	PI/2 BPSK	1	1	21.61	22.25	22.13	23.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2531.04	2592.99	2654.94	
50	PI/2 BPSK	1	1	21.68	22.23	22.15	23.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.62	22.25	22.16	23.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.7	22.31	22.11	23.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.68	22.29	22.14	23.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.63	22.26	22.13	23.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.66	22.2	22.21	23.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	21.67	22.32	22.22	23.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.61	22.26	22.13	23.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.66	22.32	22.14	23.2

<FR1 n38_Ant5_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.39	17.40	17.44	18.2
40		1	53	17.24	17.41	17.26	18.2
40		1	104	17.18	17.39	17.36	18.2
40	PI/2 BPSK	50	0	17.08	17.36	17.33	18.2
40		50	28	17.27	17.4	17.24	18.2
40		50	56	17.05	17.13	17.05	18.2
40		100	0	17.06	17.27	17.06	18.2
40		1	1	17.1	17.24	17.11	18.2
40		1	53	17.3	17.39	17.32	18.2
40		1	104	17.14	17.49	17.42	18.2
40	QPSK	50	0	17.16	17.31	17.22	18.2
40		50	28	17.29	17.49	17.41	18.2
40		50	56	17.25	17.35	17.24	18.2
40		100	0	17.04	17.24	17.11	18.2
40	16QAM	1	1	17.38	17.46	17.4	18.2
40	64QAM	1	1	17.49	17.57	17.53	17.7
40	256QAM	1	1	17.52	17	17.53	17.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	17.29	17.39	17.43	18.2
Channel				516000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.2	2580	2607.2	
20	PI/2 BPSK	1	1	17.29	17.4	17.32	18.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	17.31	17.42	17.32	18.2
Channel				515200	516000	522100	Tune-up Limit (dBm)
Frequency (MHz)				2577.2	2580	2612.2	
15	PI/2 BPSK	1	1	17.36	17.34	17.36	18.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	17.25	17.34	17.34	18.2

<FR1 n41_Ant5_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	17.56	17.66	17.63	18.7
100		1	137	17.37	17.73	17.47	18.7
100		1	271	17.76	17.62	17.69	18.7
100	PI/2 BPSK	135	0	17.6	17.76	17.57	18.7
100		135	69	17.69	17.67	17.8	18.7
100		135	138	17.62	17.79	17.58	18.7
100		270	0	17.7	17.69	17.68	18.7
100		1	1	17.62	17.77	17.54	18.7
100		1	137	17.54	17.66	17.41	18.7
100		1	271	17.68	17.66	17.59	18.7
100	QPSK	135	0	17.73	17.81	17.58	18.7
100		135	69	17.71	17.78	17.54	18.7
100		135	138	17.76	17.64	17.72	18.7
100		270	0	17.6	17.69	17.4	18.7
100	16QAM	1	1	17.66	17.74	17.52	18.7
100	64QAM	1	1	17.67	17.65	17.78	18.7
100	256QAM	1	1	16.89	16.83	16.8	17.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.67	17.66	17.77	18.7
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.69	17.67	17.68	18.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.61	17.64	17.77	18.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	17.67	17.66	17.81	18.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.69	17.62	17.71	18.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.9	17.62	17.74	18.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.89	17.91	17.77	18.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.81	17.89	17.7	18.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.66	17.66	17.81	18.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.91	17.88	17.71	18.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.66	17.89	17.7	18.7

<FR1 n41_HPUE_Ant5_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	20.4	21.02	20.89	21.7
100		1	137	20.63	20.78	20.92	21.7
100		1	271	20.73	20.88	20.7	21.7
100	PI/2 BPSK	135	0	20.58	20.72	20.5	21.7
100		135	69	20.64	20.98	20.64	21.7
100		135	138	20.54	20.93	20.59	21.7
100		270	0	20.75	20.92	20.66	21.7
100		1	1	20.64	20.89	20.62	21.7
100		1	137	20.81	20.97	20.77	21.7
100		1	271	20.68	20.9	20.7	21.7
100	QPSK	135	0	20.65	20.86	20.66	21.7
100		135	69	20.7	20.97	20.69	21.7
100		135	138	20.63	20.94	20.4	21.7
100		270	0	20.64	20.86	20.46	21.7
100	16QAM	1	1	20.79	20.93	20.7	21.7
100	64QAM	1	1	20.68	20.85	20.66	21.7
100	256QAM	1	1	20.58	20.7	20.53	20.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.76	20.94	20.77	21.7
Channel				507204	518598	529968	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.82	20.96	20.87	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.78	21.01	20.88	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	20.88	20.85	21.7
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	20.81	20.94	20.76	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.89	20.96	20.75	21.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.77	20.94	20.77	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.75	20.91	20.85	21.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.79	20.94	20.85	21.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	20.96	20.83	21.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.84	20.97	20.82	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.82	21.01	20.81	21.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.81	20.97	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2620	
40		1	1	22.56	22.53	22.41	23.2
40		1	53	22.2	22.01	22.37	23.2
40		1	104	22.07	22.38	22.16	23.2
40	PI/2 BPSK	50	0	21.7	21.66	21.81	22.7
40		50	28	22.24	22.5	22.25	23.2
40		50	56	21.56	21.79	21.57	22.7
40		100	0	21.63	21.65	21.67	22.7
40		1	1	22.14	22.35	22.2	23.2
40		1	53	22.07	22.36	22.19	23.2
40		1	104	21.97	22.16	21.97	23.2
40	QPSK	50	0	21.15	21.37	21.17	22.2
40		50	28	22.01	22.33	22.12	23.2
40		50	56	21.09	21.35	21.16	22.2
40		100	0	21.18	21.39	21.26	22.2
40	16QAM	1	1	21.02	21.22	21.01	22.2
40	64QAM	1	1	19.58	19.76	19.52	20.7
40	256QAM	1	1	17.45	17.71	17.5	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	22.33	22.39	22.32	23.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.3	2580	2607.3	
20	PI/2 BPSK	1	1	22.28	22.61	22.28	23.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	22.26	22.42	22.36	23.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2580	2612.3	
15	PI/2 BPSK	1	1	22.31	22.44	22.34	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2610	
10	PI/2 BPSK	1	1	22.22	22.47	22.27	23.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.29	23.58	23.31	24
100		1	137	22.99	23.3	22.99	24
100		1	271	23.1	23.56	23.22	24
100	PI/2 BPSK	135	0	22.79	23.25	22.93	24
100		135	69	22.98	23.47	23.19	24
100		135	138	23.02	23.45	23.1	24
100		270	0	22.86	23.31	22.96	24
100		1	1	22.91	23.24	22.93	24
100		1	137	22.74	23.22	22.92	24
100		1	271	23	23.43	23.03	24
100	QPSK	135	0	22.73	23.12	22.8	24
100		135	69	22.73	23.19	22.83	24
100		135	138	22.83	23.3	22.99	24
100		270	0	22.88	23.29	22.91	24
100	16QAM	1	1	22.75	23.13	22.8	24
100	64QAM	1	1	22.08	22.46	22.67	23.5
100	256QAM	1	1	19.91	19.59	19.5	21.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.1	23.56	23.19	24
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.16	23.52	23.24	24
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.16	23.46	23.24	24
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.12	23.45	23.17	24
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	23.17	23.44	23.3	24
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.08	23.43	23.22	24
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.44	23.3	24
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.47	23.26	24
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.2	23.53	23.2	24
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.06	23.47	23.24	24
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.14	23.48	23.3	24
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.15	23.54	23.19	24
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.1	23.53	23.27	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	24.31	24.55	24.4	25
100		1	137	23.91	24.32	24.05	25
100		1	271	23.99	23.97	23.99	25
100	PI/2 BPSK	135	0	23.82	24.3	24.11	24.5
100		135	69	24.08	24.4	24.11	25
100		135	138	24.12	24.4	24.11	24.5
100		270	0	24.02	24.27	24.05	24.5
100		1	1	24	24.3	24.04	25
100		1	137	23.85	24.21	23.93	25
100		1	271	24.1	24.45	24.29	25
100	QPSK	135	0	23.36	23.6	23.4	24
100		135	69	23.8	24.07	23.83	25
100		135	138	23.52	23.82	23.65	24
100		270	0	23.52	23.89	23.65	24
100	16QAM	1	1	23.42	23.72	23.53	24
100	64QAM	1	1	21.74	22	21.79	22.5
100	256QAM	1	1	19.63	20.07	19.84	20.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.3	24.48	24.33	25
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.24	24.49	24.3	25
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.16	24.42	24.35	25
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.42	24.3	25
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	24.25	24.51	24.36	25
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.26	24.5	24.3	25
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.23	24.48	24.27	25
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.3	24.54	24.38	25
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.21	24.46	24.3	25
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.19	24.51	24.36	25
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.22	24.53	24.33	25
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.27	24.46	24.33	25
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.19	24.42	24.3	25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2593	2593	2593	
40		1	1	18.61	18.04	18.67	20.2
40		1	53	18.59	18.81	18.67	20.2
40		1	104	18.76	18.96	18.84	20.2
40	PI/2 BPSK	50	0	18.5	18.74	18.52	20.2
40		50	28	18.76	18.96	18.89	20.2
40		50	56	18.72	18.95	18.83	20.2
40		100	0	18.7	18.89	18.76	20.2
40		1	1	18.77	18.96	18.83	20.2
40		1	53	18.68	18.88	18.72	20.2
40		1	104	18.68	18.93	18.8	20.2
40	QPSK	50	0	18.61	18.89	18.81	20.2
40		50	28	18.79	18.96	18.83	20.2
40		50	56	18.64	19.11	18.84	20.2
40		100	0	18.59	18.79	18.62	20.2
40	16QAM	1	1	18.63	19.04	18.85	20.2
40	64QAM	1	1	18.46	18.63	18.48	19.7
40	256QAM	1	1	16.62	16.75	16.62	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2593	2605	
90	PI/2 BPSK	1	1	18.63	19.01	18.88	20.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2593	2607.3	
20	PI/2 BPSK	1	1	18.77	18.9	18.84	20.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2593	2610	
20	PI/2 BPSK	1	1	18.86	18.97	18.95	20.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2593	2612.5	
15	PI/2 BPSK	1	1	18.79	18.95	18.86	20.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2593	2615	
10	PI/2 BPSK	1	1	18.82	18.94	18.9	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.12	20.6	20.31	21.5
100		1	137	19.94	20.46	19.93	21.5
100		1	271	20.02	20.57	20.13	21.5
100	PI/2 BPSK	135	0	20	20.52	20.09	21.5
100		135	69	20.2	20.57	20.14	21.5
100		135	138	19.93	20.53	20.1	21.5
100		270	0	19.89	20.39	19.92	21.5
100		1	1	19.85	20.47	20.02	21.5
100		1	137	19.78	20.36	19.91	21.5
100		1	271	20.06	20.55	20.03	21.5
100	QPSK	135	0	19.97	20.44	20.03	21.5
100		135	69	20.19	20.79	20.29	21.5
100		135	138	20.03	20.55	20.1	21.5
100		270	0	19.98	20.61	20.21	21.5
100	16QAM	1	1	20.23	20.73	20.32	21.5
100	64QAM	1	1	19.63	20.13	19.6	21
100	256QAM	1	1	17.7	18.2	17.79	19
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.06	20.55	20.11	21.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.51	20.14	21.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.03	20.56	20.14	21.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.01	20.51	20.15	21.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20	20.5	20.17	21.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.1	20.57	20.09	21.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.99	20.46	20.18	21.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.47	20.12	21.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.01	20.52	20.07	21.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.07	20.47	20.12	21.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.98	20.58	20.17	21.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.98	20.51	20.13	21.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20	20.52	20.19	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.66	23.03	23.71	24.5
100		1	137	22.5	23.07	22.94	24.5
100		1	271	22.5	23.36	23.07	24.5
100	PI/2 BPSK	135	0	22	23.02	22.8	24
100		135	69	22.52	23.37	23.1	24.5
100		135	138	22	22.79	22.54	24
100		270	0	22	22.82	22.6	24
100		1	1	22.5	23.78	23.39	24.5
100		1	137	22.5	23.27	22.95	24.5
100		1	271	22.51	23.31	23	24.5
100	QPSK	135	0	21.52	22.5	22.24	23.5
100		135	69	22.5	23.29	22.95	24.5
100		135	138	21.5	22.23	21.95	23.5
100		270	0	21.51	22.44	22.2	23.5
100	16QAM	1	1	21.52	22.7	22.46	23.5
100	64QAM	1	1	20.04	21.21	20.99	22
100	256QAM	1	1	18.13	19.39	18.97	20
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	22.57	23.88	23.01	24.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.55	23.88	23.63	24.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.52	23.86	23.62	24.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	22.55	23.92	23.62	24.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.6	23.92	23.65	24.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.51	23.78	23.68	24.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.54	23.9	23.59	24.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.59	23.8	23.62	24.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.6	23.9	23.68	24.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.52	23.9	23.58	24.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	23.97	23.63	24.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.52	23.93	23.58	24.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.52	23.92	23.67	24.5

<FR1 n5_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	25.43	25.42	25.41	25.7
20		1	53	25.27	25.44	25.25	25.7
20		1	104	25.4	25.43	25.36	25.7
20	PI/2 BPSK	50	0	24.66	24.67	24.64	25.2
20		50	28	25.29	25.44	25.37	25.7
20		50	56	24.79	24.87	24.75	25.2
20		100	0	24.61	24.65	24.61	25.2
20		1	1	25.27	25.42	25.37	25.7
20		1	53	25.25	25.4	25.22	25.7
20		1	104	25.21	25.36	25.26	25.7
20	QPSK	50	0	24.29	24.44	24.36	24.7
20		50	28	25.37	25.4	25.33	25.7
20		50	56	24.26	24.38	24.2	24.7
20		100	0	24.32	24.46	24.34	24.7
20	16QAM	1	1	24.29	24.38	24.32	24.7
20	64QAM	1	1	22.73	22.8	22.62	23.2
20	256QAM	1	1	20.64	20.67	20.78	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	25.37	25.43	25.36	25.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	25.35	25.33	25.35	25.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	25.4	25.32	25.34	25.7

<FR1 n12_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	24.29	24.31	24.23	24.7
15		1	49	24.06	24.28	24.17	24.7
15	PI/2 BPSK	1	77	23.94	24.17	23.97	24.7
15		36	0	24.03	24.19	24.1	24.7
15		36	22	24.18	24.29	24.1	24.7
15		36	43	24.07	24.22	24.05	24.7
15		75	0	24.03	24.23	24.02	24.7
15		1	1	24.04	24.24	24.09	24.7
15		1	49	24.11	24.23	24.07	24.7
15		1	77	24.18	24.36	24.15	24.7
15	QPSK	36	0	24.14	24.29	24.18	24.7
15		36	22	24.07	24.18	23.96	24.7
15		36	43	23.93	24.16	23.99	24.7
15		75	0	24.01	24.2	23.88	24.7
15	16QAM	1	1	23.95	24.14	24.01	24.7
15	64QAM	1	1	22.55	22.76	22.58	23.2
15	256QAM	1	1	20.59	20.72	20.58	21.2
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.14	24.32	24.18	24.7
Channel				140800	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				704.0	707.5	713.5	
5	PI/2 BPSK	1	1	24.06	24.21	24.15	24.7

<FR1 n26_Ant0_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	25.29	25.43	25.33	25.7
20		1	53	25.11	25.4	25.18	25.7
20		1	104	25.06	25.31	25.14	25.7
20	PI/2 BPSK	50	0	24.69	24.87	24.66	25.2
20		50	28	25.24	25.4	25.28	25.7
20		50	56	24.68	24.87	24.71	25.2
20		100	0	24.7	24.9	24.72	25.2
20		1	1	25.16	25.39	25.1	25.7
20		1	53	25.08	25.29	25.08	25.7
20		1	104	25.09	25.39	25.07	25.7
20	QPSK	50	0	24.23	24.38	24.14	24.7
20		50	28	25.19	25.39	25.2	25.7
20		50	56	24.15	24.35	24.14	24.7
20		100	0	24.14	24.4	24.27	24.7
20	16QAM	1	1	24.11	24.28	24.08	24.7
20	64QAM	1	1	22.3	22.72	22.6	23.2
20	256QAM	1	1	20.54	20.75	20.64	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	25.24	25.33	25.29	25.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	25.17	25.37	25.2	25.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	25.16	25.42	25.27	25.7

<FR1 n5_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166950	167300	167650	
Frequency (MHz)				834	836.5	839	
20		1	1	21.21	21.41	21.23	21.7
20		1	53	21.13	21.34	21.01	21.7
20		1	104	20.94	21.12	20.83	21.7
20	PI/2 BPSK	50	0	20.92	21.24	20.89	21.7
20		50	28	21.06	21.35	21.02	21.7
20		50	56	20.82	21.15	20.98	21.7
20		100	0	20.79	21.05	20.83	21.7
20		1	1	21.09	21.36	21.19	21.7
20		1	53	20.92	21.15	20.98	21.7
20		1	104	20.89	21.14	20.89	21.7
20	QPSK	50	0	21.08	21.34	21.11	21.7
20		50	28	20.91	21.13	20.96	21.7
20		50	56	20.77	21.01	20.81	21.7
20		100	0	21.02	21.25	21.06	21.7
20	16QAM	1	1	20.9	21.12	20.96	21.7
20	64QAM	1	1	20.8	21.09	20.9	21.7
20	256QAM	1	1	20.32	20.53	20.36	21.2
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.11	21.26	21.22	21.7
Channel				165850	167300	168850	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.16	21.29	21.12	21.7
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.13	21.29	21.15	21.7

<FR1 n12_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141,000	141500	141,750	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	21.35	21.47	21.3	21.7
15		1	49	21.15	21.33	21.1	21.7
15	PI/2 BPSK	1	77	21.17	21.34	21.1	21.7
15		36	0	21.32	21.36	21.26	21.7
15		36	22	21.3	21.41	21.31	21.7
15		36	43	21.13	21.37	21.07	21.7
15		75	0	21.21	21.4	21.2	21.7
15		1	1	21.23	21.37	21.09	21.7
15		1	49	21.15	21.32	21.1	21.7
15		1	77	21.23	21.39	21.16	21.7
15	QPSK	36	0	21.16	21.34	21.1	21.7
15		36	22	21.14	21.33	21.03	21.7
15		36	43	21.12	21.3	21.02	21.7
15		75	0	21.13	21.36	21.05	21.7
15	16QAM	1	1	21.24	21.41	21.22	21.7
15	64QAM	1	1	21.12	21.38	21.09	21.7
15	256QAM	1	1	20.61	20.83	20.65	21.2
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	21.22	21.41	21.25	21.7
Channel				140350	141500	142750	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.23	21.45	21.18	21.7

<FR1 n26_Ant1_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	21.4	21.42	21.38	21.7
20		1	53	21.22	21.39	21.27	21.7
20		1	104	21.11	21.27	21.09	21.7
20	PI/2 BPSK	50	0	21.25	21.33	21.22	21.7
20		50	28	21.32	21.41	21.24	21.7
20		50	56	21.08	21.14	21.03	21.7
20		100	0	21.04	21.07	20.93	21.7
20		1	1	21.26	21.34	21.26	21.7
20		1	53	21.16	21.29	21.16	21.7
20		1	104	21.08	21.17	20.98	21.7
20	QPSK	50	0	21.27	21.38	21.3	21.7
20		50	28	21.15	21.31	21.23	21.7
20		50	56	21.13	21.2	21.02	21.7
20		100	0	21.26	21.37	21.22	21.7
20	16QAM	1	1	21.11	21.27	21.16	21.7
20	64QAM	1	1	21.08	21.21	21.11	21.7
20	256QAM	1	1	20.61	20.75	20.63	21.2
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.27	21.32	21.35	21.7
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.37	21.4	21.25	21.7
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.31	21.27	21.3	21.7

<FR1 n2_Ant4_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.79	18.87	18.83	19.2
40		1	108	18.72	18.85	18.77	19.2
40		1	214	18.65	18.83	18.76	19.2
40	Pi/2 BPSK	108	0	18.62	18.73	18.62	19.2
40		108	54	18.59	18.79	18.71	19.2
40		108	108	18.65	18.75	18.65	19.2
40		216	0	18.7	18.87	18.76	19.2
40		1	1	18.54	18.77	18.71	19.2
40		1	108	18.63	18.8	18.62	19.2
40		1	214	18.65	18.85	18.72	19.2
40	QPSK	108	0	18.64	18.76	18.61	19.2
40		108	54	18.58	18.74	18.69	19.2
40		108	108	18.61	18.81	18.67	19.2
40		216	0	18.66	18.77	18.63	19.2
40	16QAM	1	1	18.65	18.76	18.61	19.2
40	64QAM	1	1	18.6	18.72	18.64	19.2
40	256QAM	1	1	18.64	18.87	18.7	19.2
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	18.75	18.8	18.78	19.2
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	18.76	18.74	18.77	19.2
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	18.64	18.77	18.76	19.2
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	18.78	18.79	18.72	19.2
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	18.7	18.77	18.81	19.2
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	18.72	18.81	18.71	19.2
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	18.74	18.72	18.71	19.2

<FR1 n7_Ant4_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	16.93	17	16.98	17.2
50		1	135	16.75	16.89	16.75	17.2
50		1	268	16.74	16.84	16.72	17.2
50	Pi/2 BPSK	135	0	16.79	16.65	16.81	17.2
50		135	68	16.84	16.99	16.85	17.2
50		135	135	16.66	16.69	16.85	17.2
50		270	0	16.8	16.93	16.89	17.2
50		1	1	16.76	16.86	16.83	17.2
50		1	135	16.68	16.85	16.77	17.2
50		1	268	16.92	17.01	16.9	17.2
50	QPSK	135	0	16.81	16.98	16.84	17.2
50		135	68	16.67	16.87	16.82	17.2
50		135	135	16.79	17	16.85	17.2
50		270	0	16.86	16.98	16.95	17.2
50	16QAM	1	1	16.79	16.96	16.82	17.2
50	64QAM	1	1	16.84	17.04	16.99	17.2
50	256QAM	1	1	16.67	16.85	16.78	17.2
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	16.89	16.98	16.96	17.2
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	16.87	16.91	16.96	17.2
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	16.92	16.87	16.86	17.2
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	16.91	16.92	16.85	17.2
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	16.83	16.95	16.96	17.2
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	16.86	16.89	16.95	17.2
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	16.81	16.94	16.86	17.2
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	16.82	16.98	16.86	17.2

<FR1 n25_Ant4_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.73	18.9	18.86	19.2
40		1	108	18.48	18.7	18.58	19.2
40		1	214	18.49	18.78	18.66	19.2
40		108	0	18.47	18.78	18.65	19.2
40		108	54	18.64	18.86	18.75	19.2
40		108	108	18.59	18.84	18.76	19.2
40		216	0	18.53	18.84	18.73	19.2
40	QPSK	1	1	18.43	18.71	18.66	19.2
40		1	108	18.6	18.79	18.63	19.2
40		1	214	18.53	18.72	18.57	19.2
40		108	0	18.43	18.65	18.55	19.2
40		108	54	18.6	18.8	18.72	19.2
40		108	108	18.61	18.83	18.73	19.2
40		216	0	18.63	18.81	18.67	19.2
40	16QAM	1	1	18.46	18.7	18.53	19.2
40	64QAM	1	1	18.55	18.84	18.79	19.2
40	256QAM	1	1	18.38	18.68	18.5	19.2
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.63	18.82	18.79	19.2
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.65	18.85	18.8	19.2
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.71	18.83	18.75	19.2
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.61	18.78	18.73	19.2
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.69	18.76	18.77	19.2
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.65	18.83	18.83	19.2
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.64	18.89	18.76	19.2

<FR1 n66_Ant4_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.01	18.06	17.98	18.2
45		1	120	17.8	18	17.82	18.2
45		1	240	17.75	17.82	17.63	18.2
45		120	0	17.77	17.95	17.76	18.2
45		120	60	17.86	17.98	17.76	18.2
45		120	120	17.78	17.85	17.64	18.2
45		240	0	17.82	17.96	17.74	18.2
45	QPSK	1	1	17.69	17.79	17.6	18.2
45		1	120	17.8	17.9	17.73	18.2
45		1	240	17.78	17.87	17.64	18.2
45		120	0	17.7	17.79	17.66	18.2
45		120	60	17.59	17.75	17.58	18.2
45		120	120	17.79	17.98	17.76	18.2
45		240	0	17.72	17.91	17.74	18.2
45	16QAM	1	1	17.57	17.76	17.62	18.2
45	64QAM	1	1	17.96	18.04	17.95	18.2
45	256QAM	1	1	17.81	17.9	17.78	18.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.91	18.05	17.94	18.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.99	17.93	17.9	18.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.99	18.04	17.85	18.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.92	18	17.93	18.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.92	18.04	17.86	18.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.9	18.05	17.88	18.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.87	18.05	17.97	18.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.91	18.03	17.86	18.2

<FR1 n38_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel				518000	519030	520000	
Frequency [MHz]				2592	2693	2690	
40		1	1	16.32	16.37	16.39	16.7
40		1	53	16.22	16.32	16.21	16.7
40	PI/2 BPSK	1	104	15.41	14.57	16.05	16.7
40		50	0	16.16	16.32	16.33	16.7
40		50	28	16.26	16.34	16.29	16.7
40		50	56	16.13	16.23	16.17	16.7
40		100	0	16.18	16.36	16.32	16.7
40		1	1	16.25	16.36	16.2	16.7
40		1	53	15.95	16.13	16.04	16.7
40		1	104	16.34	16.46	16.38	16.7
40	QPSK	50	0	16.08	16.22	16.15	16.7
40		50	28	16.1	16.27	16.12	16.7
40		50	56	16.26	16.41	16.36	16.7
40		100	0	16.09	16.21	16.16	16.7
40	16QAM	1	1	16.08	16.14	16.07	16.7
40	64QAM	1	1	16.09	16.29	16.12	16.7
40	256QAM	1	1	16.06	16.24	16.19	16.7
Channel				517300	518030	521500	Tune-up Limit [dBm]
Frequency [MHz]				2549	2650	2685	
30	PI/2 BPSK	1	1	16.29	16.31	16.32	16.7
Channel				518030	519030	521800	Tune-up Limit [dBm]
Frequency [MHz]				2642.9	2693	2677.8	
25	PI/2 BPSK	1	1	16.22	16.28	16.2	16.7
Channel				518100	519030	521700	Tune-up Limit [dBm]
Frequency [MHz]				2585	2693	2810	
20	PI/2 BPSK	1	1	16.28	16.33	16.27	16.7
Channel				518200	519030	521600	Tune-up Limit [dBm]
Frequency [MHz]				2577.4	2693	2812.6	
15	PI/2 BPSK	1	1	16.34	16.31	16.35	16.7
Channel				518250	519030	521550	Tune-up Limit [dBm]
Frequency [MHz]				2570	2693	2815	
10	PI/2 BPSK	1	1	16.27	16.31	16.28	16.7

<FR1 n41_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel				506202	518998	528000	
Frequency [MHz]				2496.01	2592.99	2690	
100		1	1	16.01	16.35	15.95	16.7
100		1	137	15.93	15.72	15.98	16.7
100		1	271	15.89	16.22	15.82	16.7
100	PI/2 BPSK	136	0	15.74	15.92	15.7	16.7
100		136	69	15.81	15.99	15.79	16.7
100		136	136	15.76	15.93	15.74	16.7
100		275	0	15.82	15.95	15.72	16.7
100		1	1	15.67	15.85	15.72	16.7
100		1	137	15.89	15.35	15.97	16.7
100		1	271	15.81	15.93	15.77	16.7
100	QPSK	136	0	15.79	15.96	15.83	16.7
100		136	69	15.69	15.88	15.68	16.7
100		136	136	15.66	16.04	15.65	16.7
100		275	0	15.76	15.91	15.65	16.7
100	16QAM	1	1	15.66	16.02	15.77	16.7
100	64QAM	1	1	15.77	15.89	15.67	16.7
100	256QAM	1	1	15.69	15.89	15.53	16.7
Channel				506250	518998	528996	Tune-up Limit [dBm]
Frequency [MHz]				2501	2592.99	2684.99	
90	PI/2 BPSK	1	1	15.84	15.96	15.86	16.7
Channel				507204	518998	528996	Tune-up Limit [dBm]
Frequency [MHz]				2514.02	2592.99	2689.94	
80	PI/2 BPSK	1	1	15.98	15.96	15.88	16.7
Channel				506802	518998	531594	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2592.99	2678	
70	PI/2 BPSK	1	1	15.88	15.93	15.89	16.7
Channel				506202	518998	531594	Tune-up Limit [dBm]
Frequency [MHz]				2496	2592.99	2689.98	
60	PI/2 BPSK	1	1	15.91	15.96	15.91	16.7
Channel				506298	518998	532998	Tune-up Limit [dBm]
Frequency [MHz]				2501.52	2592.99	2684.99	
50	PI/2 BPSK	1	1	15.91	15.9	15.93	16.7
Channel				506790	518998	533190	Tune-up Limit [dBm]
Frequency [MHz]				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.81	15.96	15.88	16.7
Channel				506202	518998	533190	Tune-up Limit [dBm]
Frequency [MHz]				2496.01	2592.99	2690	
40	PI/2 BPSK	1	1	15.87	15.96	15.9	16.7
Channel				506794	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.89	15.92	15.83	16.7
Channel				506250	518998	534996	Tune-up Limit [dBm]
Frequency [MHz]				2501	2592.99	2673.99	
30	PI/2 BPSK	1	1	15.89	15.96	15.92	16.7
Channel				507102	518998	535794	Tune-up Limit [dBm]
Frequency [MHz]				2509.51	2592.99	2677.9	
25	PI/2 BPSK	1	1	15.91	15.96	15.88	16.7
Channel				507252	518998	535794	Tune-up Limit [dBm]
Frequency [MHz]				2509.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.88	15.96	15.9	16.7
Channel				507756	518998	536598	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.88	16.22	15.92	16.7
Channel				507252	518998	537402	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.92	15.92	15.82	16.7

<FR1 n41_HPUE_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit [dBm]
Channel				506202	518998	528000	
Frequency [MHz]				2496.01	2592.99	2690	
100		1	1	19.47	19.6	19.51	20
100		1	137	19.26	19.4	19.23	20
100		1	271	19.42	19.56	19.36	20
100	PI/2 BPSK	136	0	19.17	19.44	19.24	20
100		136	69	19.38	19.54	19.4	20
100		136	136	19.24	19.47	19.37	20
100		275	0	19.28	19.43	19.24	20
100		1	1	19.28	19.66	19.36	20
100		1	137	19.19	19.35	19.32	20
100		1	271	19.39	19.61	19.43	20
100	QPSK	136	0	19.2	19.39	19.15	20
100		136	69	19.17	19.37	19.14	20
100		136	136	19.2	19.36	19.19	20
100		275	0	19.22	19.45	19.35	20
100	16QAM	1	1	19.16	19.32	19.09	20
100	64QAM	1	1	19.14	19.39	19.19	20
100	256QAM	1	1	19.3	19.3	19.32	20
Channel				506202	518998	528996	Tune-up Limit [dBm]
Frequency [MHz]				2501	2592.99	2685.96	
90	PI/2 BPSK	1	1	19.36	19.69	19.47	20
Channel				507300	518998	528996	Tune-up Limit [dBm]
Frequency [MHz]				2520.02	2592.99	2665.98	
80	PI/2 BPSK	1	1	19.4	19.66	19.41	20
Channel				506802	518998	531594	Tune-up Limit [dBm]
Frequency [MHz]				2507.01	2592.99	2678.9	
70	PI/2 BPSK	1	1	19.34	19.69	19.49	20
Channel				506202	518998	531594	Tune-up Limit [dBm]
Frequency [MHz]				2496	2592.99	2689.98	
60	PI/2 BPSK	1	1	19.45	19.57	19.49	20
Channel				506298	518998	532998	Tune-up Limit [dBm]
Frequency [MHz]				2501.52	2592.99	2684.99	
50	PI/2 BPSK	1	1	19.42	19.48	19.46	20
Channel				506790	518998	533190	Tune-up Limit [dBm]
Frequency [MHz]				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.36	19.43	19.46	20
Channel				506202	518998	533190	Tune-up Limit [dBm]
Frequency [MHz]				2496.01	2592.99	2690	
40	PI/2 BPSK	1	1	19.36	19.58	19.47	20
Channel				506794	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.36	19.52	19.37	20
Channel				506250	518998	534996	Tune-up Limit [dBm]
Frequency [MHz]				2501	2592.99	2673.99	
30	PI/2 BPSK	1	1	19.36	19.57	19.37	20
Channel				507102	518998	535794	Tune-up Limit [dBm]
Frequency [MHz]				2509.51	2592.99	2677.9	
25	PI/2 BPSK	1	1	19.41	19.48	19.5	20
Channel				507252	518998	535794	Tune-up Limit [dBm]
Frequency [MHz]				2509.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.38	19.51	19.4	20
Channel				507756	518998	536598	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.38	19.54	19.41	20
Channel				507252	518998	537402	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.43	19.49	19.4	20

<FR1 n46_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				639000	641999	644332	
Frequency (MHz)				5570	5429.99	5678.66	
40		1	1	16.36	16.4	16.38	16.5
40		1	53	14.27	14.35	16.31	16.5
40		1	104	14.13	14.19	14.28	16.5
40	PI/2 BPSK	50	0	16.18	14.32	14.22	16.5
40		50	28	14.21	14.33	14.22	16.5
40		50	56	14.16	14.28	16.13	16.5
40		100	0	14.16	14.24	16.19	16.5
40		1	1	14.21	14.28	14.26	16.5
40		1	53	14.12	14.22	16.07	16.5
40		1	104	14.3	14.36	14.26	16.5
40	QPSK	50	0	14.19	14.32	16.19	16.5
40		50	28	14.03	14.19	14.1	16.5
40		50	56	14.12	14.18	14.03	16.5
40		100	0	14.06	14.21	16.19	16.5
40	16QAM	1	1	14.02	14.17	14.14	16.5
40	64QAM	1	1	14.19	14.23	14.1	16.5
40	256QAM	1	1	14.16	14.27	14.2	16.5
Channel				637668	641999	645993	Tune-up Limit (dBm)
Frequency (MHz)				3963.2	3621.99	3884.99	
30	PI/2 BPSK	1	1	14.32	14.38	14.3	16.5
Channel				637324	641999	646630	Tune-up Limit (dBm)
Frequency (MHz)				3960.01	3621.99	3960	
20	PI/2 BPSK	1	1	14.38	14.35	14.27	16.5
Channel				637324	641999	646630	Tune-up Limit (dBm)
Frequency (MHz)				3957.02	3621.99	3952.49	
15	PI/2 BPSK	1	1	14.22	14.34	14.29	16.5
Channel				637990	641999	647332	Tune-up Limit (dBm)
Frequency (MHz)				3955	3621.99	3944.99	
10	PI/2 BPSK	1	1	14.36	14.34	14.26	16.5

<FR1 n77 (27Q)_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		16.01		16.7
100		1	137		16.36		16.7
100		1	271		16.4		16.7
100	PI/2 BPSK	136	0		14.48		16.7
100		136	69		14.5		16.7
100		136	136		16.37		16.7
100		270	0		16.31		16.7
100		1	1		14.38		16.7
100		1	137		16.1		16.7
100		1	271		16.31		16.7
100	QPSK	136	0		14.42		16.7
100		136	69		14.45		16.7
100		136	136		14.43		16.7
100		270	0		14.43		16.7
100	16QAM	1	1		14.48		16.7
100	64QAM	1	1		14.31		16.7
100	256QAM	1	1		14.33		16.7
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.99	
90	PI/2 BPSK	1	1	16.31	16.36	14.45	16.7
Channel				632988	633332	633700	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	14.26	16.29	14.36	16.7
Channel				632736	633332	633932	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.99	
70	PI/2 BPSK	1	1	14.25	16.27	14.44	16.7
Channel				632500	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	14.19	14.32	14.37	16.7
Channel				631988	633332	634667	Tune-up Limit (dBm)
Frequency (MHz)				3473.52	3499.99	3525	
50	PI/2 BPSK	1	1	16.21	14.28	14.33	16.7
Channel				631668	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	16.23	16.3	16.4	16.7
Channel				631500	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3466	3499.99	3534.99	
30	PI/2 BPSK	1	1	14.18	16.24	16.33	16.7
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.49	
25	PI/2 BPSK	1	1	16.17	14.26	14.34	16.7
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3499.99	3540	
20	PI/2 BPSK	1	1	14.26	16.25	14.44	16.7
Channel				630168	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.99	3542.49	
15	PI/2 BPSK	1	1	14.19	16.32	14.37	16.7
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3564.99	
10	PI/2 BPSK	1	1	14.2	14.33	14.38	16.7

<FR1 n77 (27Q)_HPUE_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Class 1 / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		17.43		18
100		1	137		17.35		18
100		1	271		17.27		18
100	PI/2 BPSK	136	0		17.53		18
100		136	69		17.39		18
100		136	136		17.22		18
100		270	0		17.2		18
100		1	1		17.34		18
100		1	137		17.26		18
100		1	271		17.34		18
100	QPSK	136	0		17.24		18
100		136	69		17.09		18
100		136	136		17.28		18
100		270	0		17.38		18
100	16QAM	1	1		17.22		18
100	64QAM	1	1		17.39		18
100	256QAM	1	1		17.39		18
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.99	
90	PI/2 BPSK	1	1	17.22	17.28	17.26	18
Channel				632988	633332	633700	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	17.16	17.18	17.2	18
Channel				632736	633332	633932	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.99	
70	PI/2 BPSK	1	1	17.16	17.2	17.26	18
Channel				632500	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	17.12	17.16	17.16	18
Channel				631988	633332	634667	Tune-up Limit (dBm)
Frequency (MHz)				3473.52	3499.99	3525	
50	PI/2 BPSK	1	1	17.2	17.16	17.26	18
Channel				631338	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	17.2	17.27	17.18	18
Channel				631500	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3466	3499.99	3534.99	
30	PI/2 BPSK	1	1	17.11	17.16	17.16	18
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.49	
25	PI/2 BPSK	1	1	17.17	17.22	17.12	18
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	17.17	17.21	17.11	18
Channel				630168	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.99	3542.49	
15	PI/2 BPSK	1	1	17.1	17.17	17.18	18
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3564.99	
10	PI/2 BPSK	1	1	17.17	17.17	17.15	18

<FR1 n77 (27O)_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3730	3840	3950	
100		1	1	13.48	14.41	14.38	14.7
100		1	137	13.74	14.16	13.93	14.7
100		1	271	13.76	14.32	13.8	14.7
100	PI/2 BPSK	135	0	13.73	14.22	13.78	14.7
100		134	69	13.58	14.22	13.71	14.7
100		135	135	13.55	14.17	13.66	14.7
100		270	0	13.69	14.22	13.54	14.7
100		1	1	13.71	14.19	13.75	14.7
100		1	137	13.56	14.16	13.64	14.7
100		1	271	13.65	14.2	13.73	14.7
100	QPSK	135	0	13.58	14.19	13.58	14.7
100		135	69	13.67	14.23	13.68	14.7
100		135	135	13.76	14.23	13.76	14.7
100		270	0	13.66	14.25	13.67	14.7
100	16QAM	1	1	13.74	14.26	13.68	14.7
100	64QAM	1	1	13.76	14.17	13.8	14.7
100	256QAM	1	1	13.76	14.23	13.79	14.7
Channel				649998	656000	662002	Tune-up Limit (dBm)
Frequency (MHz)				3749.99	3840	3930.99	
40	PI/2 BPSK	1	1	13.41	14.34	14.16	14.7
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3840	3930.99	
80	PI/2 BPSK	1	1	13.43	14.35	14.16	14.7
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3840	3930.99	
70	PI/2 BPSK	1	1	13.85	14.3	14.2	14.7
Channel				649998	656000	662002	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.37	14.33	14.15	14.7
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3729.01	3840	3950.99	
50	PI/2 BPSK	1	1	13.38	14.29	14.15	14.7
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3730	3840	3950	
40	PI/2 BPSK	1	1	13.49	14.31	14.13	14.7
Channel				647998	656000	664002	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3840	3969.98	
30	PI/2 BPSK	1	1	13.46	14.28	14.19	14.7
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.41	14.33	14.22	14.7
Channel				647224	656000	664998	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.47	14.38	14.12	14.7
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.46	14.38	14.22	14.7
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.38	14.28	14.12	14.7

<FR1 n77 (27O)_HPUE_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3730	3840	3950	
100		1	1	16.61	17.36	16.48	18
100		1	137	16.63	17.16	16.35	18
100		1	271	16.67	17.2	16.3	18
100	PI/2 BPSK	135	0	16.65	17.26	16.32	18
100		135	69	16.76	17.26	16.39	18
100		135	135	16.79	17.16	16.29	18
100		270	0	16.73	17.24	16.31	18
100		1	1	16.73	17.09	16.2	18
100		1	137	16.63	17.16	16.3	18
100		1	271	16.71	17.16	16.48	18
100	QPSK	135	0	16.64	17.16	16.32	18
100		135	69	16.64	17.18	16.37	18
100		135	135	16.67	17.2	16.49	18
100		270	0	16.77	17.19	16.36	18
100	16QAM	1	1	16.8	17.14	16.51	18
100	64QAM	1	1	16.62	17.21	16.36	18
100	256QAM	1	1	16.68	17.33	16.3	18
Channel				649998	656000	662232	Tune-up Limit (dBm)
Frequency (MHz)				3749.99	3840	3950.99	
90	PI/2 BPSK	1	1	16.79	17.23	16.61	18
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3840	3950.99	
80	PI/2 BPSK	1	1	16.8	17.26	16.63	18
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3840	3950.99	
70	PI/2 BPSK	1	1	16.69	17.29	16.42	18
Channel				649998	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.63	17.23	16.4	18
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3729.01	3840	3950.99	
50	PI/2 BPSK	1	1	16.69	17.36	16.53	18
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3730	3840	3950	
40	PI/2 BPSK	1	1	16.67	17.21	16.34	18
Channel				647998	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3710.02	3840	3969.98	
30	PI/2 BPSK	1	1	16.77	17.38	16.44	18
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.78	17.23	16.38	18
Channel				647224	656000	664998	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.83	17.27	16.37	18
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.85	17.26	16.31	18
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.85	17.36	16.36	18

<FR1 n78 (27Q)_Ant4_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		16.65		16.7
100		1	137		16.16		16.7
100		1	275		16.31		16.7
100	PI/2 BPSK	135	0		16.3		16.7
100		135	69		16.44		16.7
100		135	135		16.41		16.7
100		270	0		16.34		16.7
100		1	1		16.2		16.7
100		1	137		16.24		16.7
100		1	271		16.32		16.7
100	QPSK	135	0		16.05		16.7
100		135	69		16.19		16.7
100		135	135		16.39		16.7
100		270	0		16.35		16.7
100	16QAM	1	1		16.45		16.7
100	64QAM	1	1		16.33		16.7
100	256QAM	1	1		16.39		16.7
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.99	3509.98	
90	PI/2 BPSK	1	1	16.59	16.99	16.35	16.7
Channel				632968	633332	633698	Tune-up Limit (dBm)
Frequency (MHz)				3489.02	3499.99	3510	
80	PI/2 BPSK	1	1	16.16	16.25	16.26	16.7
Channel				632734	633332	633930	Tune-up Limit (dBm)
Frequency (MHz)				3483.01	3499.98	3516.99	
70	PI/2 BPSK	1	1	16.09	16.35	16.16	16.7
Channel				632500	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.1	16.38	16.24	16.7
Channel				631968	633332	634698	Tune-up Limit (dBm)
Frequency (MHz)				3479.02	3499.98	3521	
50	PI/2 BPSK	1	1	16.16	16.39	16.26	16.7
Channel				631666	633332	634998	Tune-up Limit (dBm)
Frequency (MHz)				3477.01	3499.99	3522.99	
40	PI/2 BPSK	1	1	16.17	16.39	16.3	16.7
Channel				631500	633332	635166	Tune-up Limit (dBm)
Frequency (MHz)				3475	3499.98	3524.99	
30	PI/2 BPSK	1	1	16.07	16.35	16.16	16.7
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3472.51	3499.99	3527.49	
25	PI/2 BPSK	1	1	16.09	16.33	16.2	16.7
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3482.52	3499.98	3501	
20	PI/2 BPSK	1	1	16.08	16.29	16.2	16.7
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3467.5	3499.98	3532.49	
15	PI/2 BPSK	1	1	16.16	16.36	16.26	16.7
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.98	3534.99	
10	PI/2 BPSK	1	1	16.08	16.28	16.23	16.7

<FR1 n78 (27Q)_HPUE_Ant4_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		17.23		18
100		1	137		17.22		18
100		1	271		17.23		18
100	PI/2 BPSK	135	0		17.27		18
100		135	68		17.24		18
100		135	135		17.07		18
100		270	0		17.12		18
100		1	1		17.24		18
100		1	137		17.24		18
100		1	271		17.24		18
100	QPSK	135	0		17.07		18
100		135	68		17.07		18
100		135	135		17.09		18
100		270	0		17.14		18
100	16QAM	1	1		17.24		18
100	64QAM	1	1		17.23		18
100	256QAM	1	1		17.1		18
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.99	3508.98	
90	PI/2 BPSK	1	1	17.23	17.24	17.16	18
Channel				632982	633332	633682	Tune-up Limit (dBm)
Frequency (MHz)				3490.92	3499.99	3509	
80	PI/2 BPSK	1	1	17.2	17.14	17	18
Channel				632724	633132	633712	Tune-up Limit (dBm)
Frequency (MHz)				3483.51	3499.99	3514.98	
70	PI/2 BPSK	1	1	17.21	17.12	17.09	18
Channel				632262	633132	634002	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.96	
60	PI/2 BPSK	1	1	17.13	17.05	17.12	18
Channel				631968	633132	634302	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.99	3523	
50	PI/2 BPSK	1	1	17.18	17.19	17.03	18
Channel				631404	633132	634332	Tune-up Limit (dBm)
Frequency (MHz)				3473.01	3499.99	3526.99	
40	PI/2 BPSK	1	1	17.18	17.19	17.1	18
Channel				631260	633132	635004	Tune-up Limit (dBm)
Frequency (MHz)				3482	3499.99	3529.98	
30	PI/2 BPSK	1	1	17.18	17.11	17.05	18
Channel				630834	633132	635502	Tune-up Limit (dBm)
Frequency (MHz)				3482.01	3499.99	3537.48	
25	PI/2 BPSK	1	1	17.09	17.09	17.07	18
Channel				630684	633132	635502	Tune-up Limit (dBm)
Frequency (MHz)				3480.42	3499.99	3540	
20	PI/2 BPSK	1	1	17.16	17.11	17.03	18
Channel				630534	633132	635748	Tune-up Limit (dBm)
Frequency (MHz)				3477.9	3499.99	3542.49	
15	PI/2 BPSK	1	1	17.1	17.2	17.06	18
Channel				630384	633132	635754	Tune-up Limit (dBm)
Frequency (MHz)				3483.51	3499.99	3544.98	
10	PI/2 BPSK	1	1	17.17	17.22	17.11	18

<FR1 n78 (27O)_Ant4_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		14.47		14.7
100		1	137		14.1		14.7
100		1	271		14.26		14.7
100	PI/2 BPSK	135	0		14.37		14.7
100		135	68		14.38		14.7
100		135	135		14.36		14.7
100		270	0		14.31		14.7
100		1	1		14.41		14.7
100		1	137		14.19		14.7
100		1	271		14.4		14.7
100	QPSK	135	0		14.19		14.7
100		135	68		14.31		14.7
100		135	135		14.25		14.7
100		270	0		14.2		14.7
100	16QAM	1	1		14.28		14.7
100	64QAM	1	1		14.19		14.7
100	256QAM	1	1		14.38		14.7
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	14.19	14.25	14.26	14.7
Channel				649334	650000	650665	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3759.99	
80	PI/2 BPSK	1	1	14.17	14.17	14.19	14.7
Channel				649700	650000	650300	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
70	PI/2 BPSK	1	1	14.14	14.19	14.23	14.7
Channel				649366	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3749.02	3750	3755.98	
60	PI/2 BPSK	1	1	14.18	14.19	14.2	14.7
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3759.99	
50	PI/2 BPSK	1	1	14.16	14.22	14.18	14.7
Channel				649000	650000	650300	Tune-up Limit (dBm)
Frequency (MHz)				3747	3750	3753	
40	PI/2 BPSK	1	1	14.05	14.17	14.12	14.7
Channel				647968	650000	652032	Tune-up Limit (dBm)
Frequency (MHz)				3719.02	3750	3780.98	
30	PI/2 BPSK	1	1	14.14	14.22	14.22	14.7
Channel				647968	650000	652300	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	14.15	14.21	14.14	14.7
Channel				647734	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.12	14.21	14.22	14.7
Channel				647166	650000	652834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.07	14.11	14.22	14.7
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.04	14.17	14.22	14.7

<FR1 n78 (27O)_HPUE_Ant4_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		17.05		18
100		1	137		17.19		18
100		1	271		17.34		18
100	PI/2 BPSK	135	0		17.28		18
100		135	68		17.39		18
100		135	135		17.1		18
100		270	0		17.1		18
100		1	1		17.11		18
100		1	137		17.27		18
100		1	271		17.14		18
100	QPSK	135	0		17.13		18
100		135	68		17.19		18
100		135	135		17.15		18
100		270	0		17.19		18
100	16QAM	1	1		17.19		18
100	64QAM	1	1		17.11		18
100	256QAM	1	1		17.18		18
Channel				649968	650332	650222	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3750	3754.98	
90	PI/2 BPSK	1	1	17.18	17.14	17.13	18
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3759.99	
80	PI/2 BPSK	1	1	17.07	17.02	17.03	18
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
70	PI/2 BPSK	1	1	17.14	17.09	17.04	18
Channel				649366	650000	651334	Tune-up Limit (dBm)
Frequency (MHz)				3749.02	3750	3750.98	
60	PI/2 BPSK	1	1	17.08	17	17.07	18
Channel				649334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3749.61	3750	3751.89	
50	PI/2 BPSK	1	1	17.09	17.09	17	18
Channel				649000	650000	650998	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
40	PI/2 BPSK	1	1	17.17	17.02	17.08	18
Channel				647998	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3739.98	3750	3760.02	
30	PI/2 BPSK	1	1	17.06	17.1	17.01	18
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.06	17.1	17.01	18
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.14	17.02	17.06	18
Channel				647166	650000	652834	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.12	17.12	17.06	18
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.07	17.02	17.06	18

<FR1 n2_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	16.98	17.05	17.01	17.5
40		1	108	16.7	16.79	16.69	17.5
40		1	214	16.59	16.73	16.57	17.5
40	PI/2 BPSK	108	0	16.77	16.88	16.73	17.5
40		108	54	16.87	16.96	16.87	17.5
40		108	108	16.6	16.76	16.69	17.5
40		216	0	16.83	17.04	16.92	17.5
40		1	1	16.63	16.76	16.59	17.5
40		1	108	16.73	16.88	16.8	17.5
40		1	214	16.79	16.89	16.77	17.5
40	QPSK	108	0	16.74	16.92	16.76	17.5
40		108	54	16.67	16.82	16.72	17.5
40		108	108	16.79	16.97	16.88	17.5
40		216	0	16.61	16.75	16.59	17.5
40	16QAM	1	1	16.73	16.82	16.75	17.5
40	64QAM	1	1	16.56	16.72	16.66	17.5
40	256QAM	1	1	16.82	17.02	16.94	17.5
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.88	16.91	16.88	17.5
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.91	16.97	16.87	17.5
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.86	16.91	16.94	17.5
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.85	16.93	16.88	17.5
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.95	16.92	16.9	17.5
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.89	16.92	16.98	17.5
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.93	17.02	16.86	17.5

<FR1 n7_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	15.53	15.58	15.48	16
50		1	135	15.09	15.28	15.1	16
50		1	268	15.24	15.32	15.11	16
50	PI/2 BPSK	135	0	15.23	15.38	15.18	16
50		135	68	15.25	15.41	15.28	16
50		135	135	15.32	15.4	15.22	16
50		270	0	15.17	15.35	15.23	16
50		1	1	15.16	15.25	15.09	16
50		1	135	15.23	15.34	15.17	16
50		1	268	15.39	15.58	15.36	16
50	QPSK	135	0	15.23	15.36	15.18	16
50		135	68	15.22	15.33	15.14	16
50		135	135	15.54	15.67	15.53	16
50		270	0	15.23	15.42	15.2	16
50	16QAM	1	1	15.31	15.46	15.23	16
50	64QAM	1	1	15.1	15.23	15.08	16
50	256QAM	1	1	15.15	15.22	14.99	16
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.51	15.47	15.46	16
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.46	15.45	15.43	16
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.46	15.54	15.37	16
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.51	15.54	15.39	16
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.51	15.53	15.43	16
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.45	15.55	15.38	16
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.42	15.47	15.42	16
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.44	15.53	15.46	16

<FR1 n25_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.08	17.13	17.1	17.5
40		1	108	16.87	16.99	16.94	17.5
40		1	214	16.79	16.92	16.75	17.5
40		108	0	16.83	17.03	16.99	17.5
40		108	54	16.92	17.1	16.97	17.5
40		108	108	16.91	17.01	16.92	17.5
40		216	0	16.87	16.96	16.85	17.5
40	QPSK	1	1	16.82	16.94	16.79	17.5
40		1	108	16.82	17.02	16.86	17.5
40		1	214	16.9	17.1	16.98	17.5
40		108	0	16.83	16.94	16.86	17.5
40		108	54	16.79	16.96	16.83	17.5
40		108	108	16.87	16.94	16.77	17.5
40		216	0	16.99	17.11	16.96	17.5
40	16QAM	1	1	16.95	17.11	17.02	17.5
40	64QAM	1	1	16.92	17.05	16.94	17.5
40	256QAM	1	1	16.9	17.02	16.87	17.5
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.99	17.03	16.97	17.5
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.94	17	17.06	17.5
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.94	17.07	17.07	17.5
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.96	17.1	16.98	17.5
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.03	17	16.95	17.5
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	17.06	16.99	17.04	17.5
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.98	17.04	16.96	17.5

<FR1 n66_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.38	16.42	16.4	17
45		1	120	16.21	16.33	16.24	17
45		1	240	16.12	16.27	16.13	17
45		120	0	16.27	16.39	16.24	17
45		120	60	16.28	16.42	16.28	17
45		120	120	16.11	16.26	16.11	17
45		240	0	16.38	16.46	16.32	17
45	QPSK	1	1	16.14	16.31	16.21	17
45		1	120	16.01	16.17	16.09	17
45		1	240	16.17	16.32	16.21	17
45		120	0	16.21	16.28	16.14	17
45		120	60	16.24	16.35	16.25	17
45		120	120	16.26	16.39	16.32	17
45		240	0	16.35	16.41	16.29	17
45	16QAM	1	1	16.13	16.3	16.2	17
45	64QAM	1	1	16.29	16.37	16.32	17
45	256QAM	1	1	16.1	16.25	16.17	17
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.34	16.27	16.32	17
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.25	16.37	16.38	17
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.28	16.32	16.26	17
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.26	16.4	16.33	17
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.32	16.4	16.39	17
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.26	16.31	16.28	17
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.24	16.41	16.38	17
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.27	16.37	16.3	17

<FR1 n38_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				516000	518000	520000	
Frequency [MHz]				2580	2590	2600	
40		1	1	15.8	15.81	15.79	16
40		1	53	15.24	15.3	15.21	16
40		1	104	15.3	15.36	15.26	16
40		53	0	15.38	15.3	15.31	16
40		53	28	15.33	15.79	15.39	16
40		53	56	15.36	15.35	15.27	16
40		108	0	15.39	15.69	15.38	16
40		1	1	15.1	15.2	15.02	16
40		1	53	14.86	14.97	14.88	16
40		1	104	15.66	15.66	15.51	16
40		53	0	15.08	15.13	14.92	16
40		53	28	14.89	15.04	14.88	16
40		53	56	15.67	15.73	15.61	16
40		108	0	15.31	15.32	15.17	16
40	16QAM	1	1	14.82	14.93	14.73	16
40	64QAM	1	1	15.44	15.79	15.47	16
40	256QAM	1	1	15.1	15.14	15.08	16
Channel				517000	518000	521000	Tune-up Limit [dBm]
Frequency [MHz]				2585	2590	2605	
30	PI/2 BPSK	1	1	15.79	15.76	15.66	16
Channel				516030	518000	521970	Tune-up Limit [dBm]
Frequency [MHz]				2580.3	2590	2609.7	
25	PI/2 BPSK	1	1	15.65	15.69	15.66	16
Channel				516050	518000	521950	Tune-up Limit [dBm]
Frequency [MHz]				2580	2590	2610	
20	PI/2 BPSK	1	1	15.72	15.71	15.71	16
Channel				516100	518000	521900	Tune-up Limit [dBm]
Frequency [MHz]				2581.5	2590	2609.5	
15	PI/2 BPSK	1	1	15.77	15.71	15.8	16
Channel				516150	518000	521850	Tune-up Limit [dBm]
Frequency [MHz]				2582	2590	2610	
10	PI/2 BPSK	1	1	15.79	15.79	15.66	16

<FR1 n41_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				509202	518998	528000	
Frequency [MHz]				2498.01	2502.99	2640	
100		1	1	16.07	16.1	16.03	16.5
100		1	137	15.64	15.77	15.6	16.5
100		1	271	15.69	15.95	15.79	16.5
100	PI/2 BPSK	136	0	15.89	15.95	15.79	16.5
100		136	69	15.84	15.96	15.83	16.5
100		136	136	15.84	15.96	15.81	16.5
100		275	0	15.75	15.9	15.71	16.5
100		1	1	15.64	15.81	15.71	16.5
100		1	137	15.73	15.86	15.75	16.5
100		1	271	15.61	15.96	15.8	16.5
100	QPSK	136	0	15.64	15.79	15.61	16.5
100		136	69	15.75	15.83	15.62	16.5
100		136	136	15.76	15.89	15.74	16.5
100		275	0	15.83	15.97	15.7	16.5
100	16QAM	1	1	15.62	15.93	15.8	16.5
100	64QAM	1	1	15.64	15.99	15.78	16.5
100	256QAM	1	1	15.72	15.99	15.68	16.5
Channel				509250	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2644.99	
90	PI/2 BPSK	1	1	16.03	16.02	15.97	16.5
Channel				507204	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2414.02	2502.99	2609.99	
80	PI/2 BPSK	1	1	16.02	16.04	15.92	16.5
Channel				509232	518998	531768	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2635	
70	PI/2 BPSK	1	1	15.88	15.95	15.83	16.5
Channel				509286	518998	531768	Tune-up Limit [dBm]
Frequency [MHz]				2505	2502.99	2635.99	
60	PI/2 BPSK	1	1	15.88	15.99	15.88	16.5
Channel				509364	518998	532998	Tune-up Limit [dBm]
Frequency [MHz]				2508.02	2502.99	2664.99	
50	PI/2 BPSK	1	1	15.84	16.05	15.89	16.5
Channel				509766	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2518.3	2502.99	2667.49	
45	PI/2 BPSK	1	1	16.01	16.08	15.92	16.5
Channel				509232	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2670	
40	PI/2 BPSK	1	1	16.02	16.01	16	16.5
Channel				509754	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2517.52	2502.99	2672.49	
35	PI/2 BPSK	1	1	15.97	16.06	15.89	16.5
Channel				509220	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2672.49	
30	PI/2 BPSK	1	1	15.97	16.08	15.97	16.5
Channel				509142	518998	535128	Tune-up Limit [dBm]
Frequency [MHz]				2500.61	2502.99	2677.6	
25	PI/2 BPSK	1	1	15.94	16.02	15.92	16.5
Channel				509178	518998	535128	Tune-up Limit [dBm]
Frequency [MHz]				2500.72	2502.99	2677.6	
20	PI/2 BPSK	1	1	15.85	16.08	16	16.5
Channel				509736	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2503.3	2502.99	2662.49	
15	PI/2 BPSK	1	1	15.83	16.06	15.91	16.5
Channel				509202	518998	535152	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2680	
10	PI/2 BPSK	1	1	15.99	15.96	15.92	16.5

<FR1 n41_HPUE_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit [dBm]
Channel				509202	518998	528000	
Frequency [MHz]				2498.01	2502.99	2640	
100		1	1	16.05	16.1	16.05	16.5
100		1	137	16.9	16.99	16.89	16.5
100		1	271	16.92	16	16.85	16.5
100	PI/2 BPSK	135	0	16.84	16.92	16.85	16.5
100		135	69	16.98	16.94	16	16.5
100		135	138	16.88	16.89	16.81	16.5
100		275	0	16.89	16.99	16.86	16.5
100		1	1	16.73	16.8	16.85	16.5
100		1	137	16.68	16.84	16.73	16.5
100		1	271	16.75	16.89	16.8	16.5
100	QPSK	135	0	16.86	16.92	16.81	16.5
100		135	69	16.81	16.87	16.71	16.5
100		135	138	16.81	16.85	16.9	16.5
100		275	0	16.9	16.94	16.82	16.5
100	16QAM	1	1	16.97	16.93	16.86	16.5
100	64QAM	1	1	16.72	16.87	16.73	16.5
100	256QAM	1	1	16.86	16.94	16.87	16.5
Channel				509250	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2644.99	
90	PI/2 BPSK	1	1	16.96	16.92	16.83	16.5
Channel				507204	518998	528998	Tune-up Limit [dBm]
Frequency [MHz]				2414.02	2502.99	2609.99	
80	PI/2 BPSK	1	1	16.92	16.93	16.85	16.5
Channel				509232	518998	531768	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2635	
70	PI/2 BPSK	1	1	16.99	16.92	16.83	16.5
Channel				509286	518998	531768	Tune-up Limit [dBm]
Frequency [MHz]				2505	2502.99	2635.99	
60	PI/2 BPSK	1	1	16.91	16.93	16.86	16.5
Channel				509364	518998	532998	Tune-up Limit [dBm]
Frequency [MHz]				2501.02	2502.99	2664.99	
50	PI/2 BPSK	1	1	16.97	16.99	16	16.5
Channel				509766	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2518.3	2502.99	2667.49	
45	PI/2 BPSK	1	1	16.92	16.97	16.87	16.5
Channel				509232	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2670	
40	PI/2 BPSK	1	1	16.97	16.91	16.86	16.5
Channel				509754	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2517.52	2502.99	2672.49	
35	PI/2 BPSK	1	1	16.93	16.99	16.89	16.5
Channel				509220	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2501	2502.99	2672.49	
30	PI/2 BPSK	1	1	16.91	16.97	16.84	16.5
Channel				509142	518998	535128	Tune-up Limit [dBm]
Frequency [MHz]				2500.61	2502.99	2677.6	
25	PI/2 BPSK	1	1	16.91	16.99	16.89	16.5
Channel				509178	518998	535128	Tune-up Limit [dBm]
Frequency [MHz]				2500.72	2502.99	2677.6	
20	PI/2 BPSK	1	1	16.89	16.93	16.86	16.5
Channel				509736	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2503.3	2502.99	2662.49	
15	PI/2 BPSK	1	1	16.86	16.93	16.86	16.5
Channel				509202	518998	535152	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2502.99	2680	
10	PI/2 BPSK	1	1	16.99	16.92	16.84	16.5

<FR1 n46_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel				636965	647999	649332	
Frequency (MHz)				5572	5623.99	5678.66	
40		1	1	15.47	15.74	15.7	16.8
40		1	53	15.54	15.71	15.32	16.8
40		1	104	15.52	15.62	15.38	16.8
40	PI/2 BPSK	50	0	15.48	15.63	15.5	16.8
40		50	28	15.54	15.68	15.32	16.8
40		50	56	15.53	15.62	15.51	16.8
40		100	0	15.43	15.59	15.43	16.8
40		1	1	15.47	15.63	15.44	16.8
40		1	53	15.45	15.53	15.41	16.8
40		1	104	15.52	15.72	15.61	16.8
40	QPSK	50	0	15.53	15.72	15.45	16.8
40		50	28	15.58	15.73	15.67	16.8
40		50	56	15.38	15.6	15.49	16.8
40		100	0	15.55	15.67	15.58	16.8
40	16QAM	1	1	15.42	15.63	15.56	16.8
40	64QAM	1	1	15.58	15.67	15.52	16.8
40	256QAM	1	1	15.42	15.57	15.49	16.8
Channel				637868	647999	649965	Tune-up Limit (dBm)
Frequency (MHz)				3967.32	3623.99	3684.66	
30	PI/2 BPSK	1	1	15.58	15.65	15.58	16.8
Channel				637324	647999	656330	Tune-up Limit (dBm)
Frequency (MHz)				3960.21	3623.99	3660	
20	PI/2 BPSK	1	1	15.58	15.63	15.66	16.8
Channel				637132	647999	656131	Tune-up Limit (dBm)
Frequency (MHz)				3957.02	3623.99	3652.49	
15	PI/2 BPSK	1	1	15.58	15.71	15.67	16.8
Channel				637000	647999	655931	Tune-up Limit (dBm)
Frequency (MHz)				3949	3623.99	3644.99	
10	PI/2 BPSK	1	1	15.6	15.68	15.62	16.8

<FR1 n77 (27Q)_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		16.29		17.2
100		1	137		16.08		17.2
100		1	271		16.26		17.2
100	PI/2 BPSK	136	0		16.24		17.2
100		136	69		16.26		17.2
100		136	139		16.2		17.2
100		270	0		16.26		17.2
100		1	1		16.21		17.2
100		1	137		16.22		17.2
100		1	271		16.31		17.2
100	QPSK	136	0		16.16		17.2
100		136	69		16.31		17.2
100		136	139		16.3		17.2
100		270	0		16.28		17.2
100	16QAM	1	1		16.36		17.2
100	64QAM	1	1		16.26		17.2
100	256QAM	1	1		16.23		17.2
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.66	
90	PI/2 BPSK	1	1	16.31	16.26	16.26	17.2
Channel				632988	633332	633650	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	16.3	16.19	16.26	17.2
Channel				632736	633332	633912	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.98	
70	PI/2 BPSK	1	1	16.19	16.1	16.28	17.2
Channel				632500	633332	634164	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	16.19	16.13	16.32	17.2
Channel				631988	633332	634680	Tune-up Limit (dBm)
Frequency (MHz)				3473.52	3499.99	3525	
50	PI/2 BPSK	1	1	16.21	16.19	16.24	17.2
Channel				631656	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	16.25	16.22	16.3	17.2
Channel				631500	633332	635988	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3530.99	
30	PI/2 BPSK	1	1	16.24	16.11	16.28	17.2
Channel				630684	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	16.24	16.2	16.23	17.2
Channel				630588	633332	636050	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	16.16	16.19	16.28	17.2
Channel				630336	633332	636144	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.49	
15	PI/2 BPSK	1	1	16.28	16.17	16.32	17.2
Channel				631224	633332	635412	Tune-up Limit (dBm)
Frequency (MHz)				3453.51	3499.99	3544.99	
10	PI/2 BPSK	1	1	16.27	16.23	16.23	17.2

<FR1 n77 (27Q)_HPUE_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1 / Freq.	Power Middle Ch. / Freq.	Power Class 1 / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		19.38		20.3
100		1	137		19		20.3
100		1	271		19.36		20.3
100	PI/2 BPSK	136	0		19.62		20.3
100		136	69		19.13		20.3
100		136	139		19.79		20.3
100		270	0		19.12		20.3
100		1	1		19.1		20.3
100		1	137		18.97		20.3
100		1	271		19		20.3
100	QPSK	136	0		19.08		20.3
100		136	69		19.17		20.3
100		136	139		19.13		20.3
100		270	0		19.07		20.3
100	16QAM	1	1		19.14		20.3
100	64QAM	1	1		19.16		20.3
100	256QAM	1	1		19.02		20.3
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3493	3499.99	3506.68	
90	PI/2 BPSK	1	1	19.08	19.17	19.16	20.3
Channel				632988	633332	633650	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.99	3510	
80	PI/2 BPSK	1	1	19.07	19.03	19.12	20.3
Channel				632736	633332	633912	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.99	3514.98	
70	PI/2 BPSK	1	1	19.06	19.16	19.02	20.3
Channel				632500	633332	634164	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.99	3519.99	
60	PI/2 BPSK	1	1	19	19.04	19.08	20.3
Channel				631988	633332	634680	Tune-up Limit (dBm)
Frequency (MHz)				3473.52	3499.99	3525	
50	PI/2 BPSK	1	1	19.03	19.1	19.13	20.3
Channel				631536	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3472.01	3499.99	3529.99	
40	PI/2 BPSK	1	1	19.05	19.13	19.14	20.3
Channel				631500	633332	635988	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3530.99	
30	PI/2 BPSK	1	1	19.04	19.15	19.12	20.3
Channel				630684	633332	635812	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.99	3537.48	
25	PI/2 BPSK	1	1	19.07	19.05	19.07	20.3
Channel				630588	633332	636032	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.99	3540	
20	PI/2 BPSK	1	1	19.06	19.13	19.1	20.3
Channel				630336	633332	636144	Tune-up Limit (dBm)
Frequency (MHz)				3457.8	3499.99	3542.49	
15	PI/2 BPSK	1	1	19	19.13	19.15	20.3
Channel				631224	633332	635412	Tune-up Limit (dBm)
Frequency (MHz)				3453.51	3499.99	3544.99	
10	PI/2 BPSK	1	1	19.02	19.15	19.02	20.3

<FR1 n77 (27O)_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100		1	1	16.06	15.85	15.47	17.2
100		1	137	15.48	15.47	15.16	17.2
100		1	271	15.35	15.38	14.9	17.2
100	PI/2 BPSK	135	0	15.53	15.74	15.08	17.2
100		135	68	15.58	15.87	15.21	17.2
100		135	136	15.4	15.48	15.01	17.2
100		270	0	15.5	15.62	15.29	17.2
100		1	1	15.9	15.96	15.29	17.2
100		1	137	15.15	15.34	14.82	17.2
100		1	271	15.26	15.62	14.96	17.2
100	QPSK	135	0	15.58	15.71	15.15	17.2
100		135	68	15.27	15.55	15.06	17.2
100		135	136	15.43	15.44	14.99	17.2
100		270	0	15.53	15.71	15.31	17.2
100	16QAM	1	1	15.79	16.01	15.49	17.2
100	64QAM	1	1	15.69	15.9	15.46	17.2
100	256QAM	1	1	16.06	15.85	15.47	17.2
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	15.98	15.77	15.45	17.2
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
80	PI/2 BPSK	1	1	16.03	15.84	15.33	17.2
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.96	15.72	15.41	17.2
Channel				648688	656000	663312	Tune-up Limit (dBm)
Frequency (MHz)				3734.12	3840	3945.88	
60	PI/2 BPSK	1	1	15.96	15.83	15.6	17.2
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3732.81	3840	3947.19	
50	PI/2 BPSK	1	1	15.98	15.78	15.39	17.2
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3731.5	3840	3948.5	
45	PI/2 BPSK	1	1	15.94	15.82	15.33	17.2
Channel				647868	656000	664132	Tune-up Limit (dBm)
Frequency (MHz)				3730.33	3840	3949.67	
40	PI/2 BPSK	1	1	15.95	15.77	15.37	17.2
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3727.5	3840	3952.5	
25	PI/2 BPSK	1	1	16	15.79	15.39	17.2
Channel				647224	656000	664868	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.99	
20	PI/2 BPSK	1	1	16.03	15.83	15.42	17.2
Channel				647164	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.42	3840	3972.48	
15	PI/2 BPSK	1	1	15.97	15.8	15.4	17.2
Channel				647052	656000	664952	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16	15.74	15.39	17.2

<FR1 n77 (27O)_HPUE_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100		1	1	16.98	16.97	16.68	20.3
100		1	137	16.9	16.95	16.66	20.3
100		1	271	16.82	16.91	16.64	20.3
100	PI/2 BPSK	135	0	16.82	16.98	16.6	20.3
100		135	68	16.83	16.87	16.64	20.3
100		135	136	16.89	16.79	16.74	20.3
100		270	0	16.94	16.75	16.92	20.3
100		1	1	16.96	16.92	16.67	20.3
100		1	137	16.75	16.96	16.61	20.3
100		1	271	16.78	16.82	16.61	20.3
100	QPSK	135	0	16.9	16.77	16.73	20.3
100		135	68	16.75	16.91	16.65	20.3
100		135	136	16.95	16.86	16.85	20.3
100		270	0	16.92	16.76	16.91	20.3
100	16QAM	1	1	16.97	16.98	16.63	20.3
100	64QAM	1	1	16.92	16.95	16.73	20.3
100	256QAM	1	1	16.94	16.94	16.79	20.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3749.52	3840	3930.48	
90	PI/2 BPSK	1	1	16.91	16.98	16.68	20.3
Channel				649324	656000	662684	Tune-up Limit (dBm)
Frequency (MHz)				3742.81	3840	3936.99	
80	PI/2 BPSK	1	1	16.9	16.91	16.63	20.3
Channel				649012	656000	662988	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.91	16.94	16.64	20.3
Channel				648688	656000	663312	Tune-up Limit (dBm)
Frequency (MHz)				3734.12	3840	3945.88	
60	PI/2 BPSK	1	1	16.94	16.92	16.68	20.3
Channel				648324	656000	663676	Tune-up Limit (dBm)
Frequency (MHz)				3732.81	3840	3947.19	
50	PI/2 BPSK	1	1	16.89	16.89	16.61	20.3
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3731	3840	3949	
45	PI/2 BPSK	1	1	16.85	16.94	16.59	20.3
Channel				647868	656000	664132	Tune-up Limit (dBm)
Frequency (MHz)				3730.33	3840	3949.67	
40	PI/2 BPSK	1	1	16.84	16.86	16.48	20.3
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3727.5	3840	3952.5	
25	PI/2 BPSK	1	1	16.96	16.98	16.68	20.3
Channel				647224	656000	664868	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3840	3969.99	
20	PI/2 BPSK	1	1	16.93	16.92	16.53	20.3
Channel				647164	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.42	3840	3972.48	
15	PI/2 BPSK	1	1	16.91	16.96	16.48	20.3
Channel				647052	656000	664952	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.87	16.93	16.49	20.3

<FR1 n78 (27Q)_Ant5_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq.	Power Class / Freq.	Power Class / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3999.99		
100		1	1		16.61		17.2
100		1	137		16.46		17.2
100		1	271		16.46		17.2
100	PI/2 BPSK	135	0		16.63		17.2
100		135	68		16.58		17.2
100		135	136		16.53		17.2
100		270	0		16.63		17.2
100		1	1		16.58		17.2
100		1	137		16.56		17.2
100		1	271		16.46		17.2
100	QPSK	135	0		16.46		17.2
100		135	68		16.46		17.2
100		135	136		16.39		17.2
100		270	0		16.54		17.2
100	16QAM	1	1		16.46		17.2
100	64QAM	1	1		16.56		17.2
100	256QAM	1	1		16.49		17.2
Channel				633000	633332	633668	Tune-up Limit (dBm)
Frequency (MHz)				3965	3999.99	4034.69	
90	PI/2 BPSK	1	1	16.46	16.54	16.46	17.2
Channel				632988	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3960.52	3999.99	3999.99	
80	PI/2 BPSK	1	1	16.36	16.43	16.38	17.2
Channel				632316	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3953.81	3999.99	3974.59	
70	PI/2 BPSK	1	1	16.36	16.45	16.45	17.2
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3950	3999.99	3974.99	
60	PI/2 BPSK	1	1	16.35	16.44	16.46	17.2
Channel				631668	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3470.62	3999.99	3974.99	
50	PI/2 BPSK	1	1	16.46	16.48	16.36	17.2
Channel				631336	633332	635352	Tune-up Limit (dBm)
Frequency (MHz)				3470.31	3999.99	3929.59	
45	PI/2 BPSK	1	1	16.43	16.41	16.48	17.2
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3968	3999.99	3929.99	
40	PI/2 BPSK	1	1	16.34	16.47	16.38	17.2
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.81	3999.99	3537.49	
25	PI/2 BPSK	1	1	16.31	16.45	16.48	17.2
Channel				630668	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3460.52	3999.99	3542	
20	PI/2 BPSK	1	1	16.38	16.47	16.36	17.2
Channel				630336	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.9	3999.99	3542.49	
15	PI/2 BPSK	1	1	16.46	16.5	16.45	17.2
Channel				630168	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.81	3999.99	3544.99	
10	PI/2 BPSK	1	1	16.38	16.43	16.41	17.2

<FR1 n78 (272Q)_HPUE_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633332			
Frequency [MHz]				3499.99			
100		1	1	19.19			20.3
100		1	137	19.04			20.3
100		1	273	19.16			20.3
100	PI/2 BPSK	135	0	18.47			20.3
100		135	69	18.17			20.3
100		135	138	18.47			20.3
100		270	0	18.51			20.3
100		1	1	19.16			20.3
100		1	137	19.16			20.3
100		1	273	19.09			20.3
100	QPSK	135	0	19.11			20.3
100		135	69	18.81			20.3
100		135	138	19.07			20.3
100		270	0	19.19			20.3
100	16QAM	1	1	19.18			20.3
100	64QAM	1	1	19.11			20.3
100	256QAM	1	1	19.1			20.3
Channel				633000	633332	633666	Tune-up Limit [dBm]
Frequency [MHz]				3495	3499.98	3504.99	
80	PI/2 BPSK	1	1	19.16	19.11	19.1	20.3
Channel				632688	633332	634000	Tune-up Limit [dBm]
Frequency [MHz]				3489.82	3499.98	3510	
80	PI/2 BPSK	1	1	19.03	19.09	19.06	20.3
Channel				632138	633332	634527	Tune-up Limit [dBm]
Frequency [MHz]				3483.91	3499.98	3516.08	
70	PI/2 BPSK	1	1	19.09	19.1	19.05	20.3
Channel				632266	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3486	3499.98	3513.99	
60	PI/2 BPSK	1	1	19.06	19.07	19.02	20.3
Channel				631998	633332	634666	Tune-up Limit [dBm]
Frequency [MHz]				3479.82	3499.98	3520	
50	PI/2 BPSK	1	1	19.13	19.07	19.08	20.3
Channel				631536	633332	635202	Tune-up Limit [dBm]
Frequency [MHz]				3470.01	3499.98	3529.99	
40	PI/2 BPSK	1	1	19.13	18.97	18.97	20.3
Channel				631068	633332	635866	Tune-up Limit [dBm]
Frequency [MHz]				3460	3499.98	3539.98	
30	PI/2 BPSK	1	1	19.03	19	19.09	20.3
Channel				630834	633332	635802	Tune-up Limit [dBm]
Frequency [MHz]				3452.01	3499.98	3547.48	
25	PI/2 BPSK	1	1	19.15	19.08	18.99	20.3
Channel				630688	633332	636000	Tune-up Limit [dBm]
Frequency [MHz]				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.08	19.03	19.05	20.3
Channel				630378	633332	636198	Tune-up Limit [dBm]
Frequency [MHz]				3447.9	3499.98	3552.48	
15	PI/2 BPSK	1	1	19.02	18.97	18.95	20.3
Channel				630138	633332	636532	Tune-up Limit [dBm]
Frequency [MHz]				3453.01	3499.98	3546.99	
10	PI/2 BPSK	1	1	19.13	19.09	19.05	20.3

<FR1 n78 (270Q)_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633000			
Frequency [MHz]				3495			
100		1	1	19.38			17.2
100		1	137	19.34			17.2
100		1	273	19.37			17.2
100	PI/2 BPSK	135	0	19.32			17.2
100		135	69	19.47			17.2
100		135	138	19.42			17.2
100		270	0	19.49			17.2
100		1	1	19.47			17.2
100		1	137	19.39			17.2
100		1	273	19.4			17.2
100	QPSK	135	0	19.46			17.2
100		135	69	19.39			17.2
100		135	138	19.43			17.2
100		270	0	19.39			17.2
100	16QAM	1	1	19.49			17.2
100	64QAM	1	1	19.39			17.2
100	256QAM	1	1	19.47			17.2
Channel				629968	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3780	3784.98	
90	PI/2 BPSK	1	1	19.45	19.48	19.32	17.2
Channel				629334	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3742.81	3780	3789.99	
80	PI/2 BPSK	1	1	19.31	19.37	19.3	17.2
Channel				628701	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3735	3780	3785	
70	PI/2 BPSK	1	1	19.38	19.41	19.28	17.2
Channel				628164	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3730.02	3780	3789.99	
60	PI/2 BPSK	1	1	19.33	19.43	19.2	17.2
Channel				628134	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3729.81	3780	3789.99	
50	PI/2 BPSK	1	1	19.39	19.36	19.29	17.2
Channel				628302	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3730	3780	3789.99	
40	PI/2 BPSK	1	1	19.39	19.34	19.29	17.2
Channel				627888	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3718.02	3780	3789.99	
30	PI/2 BPSK	1	1	19.28	19.46	19.28	17.2
Channel				627300	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3712.5	3780	3787.5	
25	PI/2 BPSK	1	1	19.38	19.36	19.27	17.2
Channel				627204	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3780	3789.99	
20	PI/2 BPSK	1	1	19.3	19.38	19.23	17.2
Channel				627138	633332	637532	Tune-up Limit [dBm]
Frequency [MHz]				3707.58	3780	3792.48	
15	PI/2 BPSK	1	1	19.26	19.36	19.21	17.2
Channel				627060	633332	637602	Tune-up Limit [dBm]
Frequency [MHz]				3705	3780	3795	
10	PI/2 BPSK	1	1	19.28	19.39	19.22	17.2

<FR1 n78 (270Q)_HPUE_Ant5_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up Limit [dBm]
Channel				633000			
Frequency [MHz]				3495			
100		1	1	19.62			20.3
100		1	137	19.62			20.3
100		1	273	19.64			20.3
100	PI/2 BPSK	135	0	19.19			20.3
100		135	69	19.8			20.3
100		135	138	19.48			20.3
100		270	0	19.69			20.3
100		1	1	19.77			20.3
100		1	137	19.53			20.3
100		1	273	19.93			20.3
100	QPSK	135	0	19.64			20.3
100		135	69	19.84			20.3
100		135	138	19.84			20.3
100		270	0	19.9			20.3
100	16QAM	1	1	19.93			20.3
100	64QAM	1	1	19.79			20.3
100	256QAM	1	1	19.88			20.3
Channel				629968	633332	636332	Tune-up Limit [dBm]
Frequency [MHz]				3749.52	3780	3784.98	
90	PI/2 BPSK	1	1	19.19	19.8	19.86	20.3
Channel				629334	633332	636666	Tune-up Limit [dBm]
Frequency [MHz]				3742.81	3780	3789.99	
80	PI/2 BPSK	1	1	18.14	19.76	19.76	20.3
Channel				628701	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3735	3780	3785	
70	PI/2 BPSK	1	1	19.12	19.84	19.76	20.3
Channel				628164	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3730.02	3780	3789.99	
60	PI/2 BPSK	1	1	18.16	19.88	19.8	20.3
Channel				628134	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3729.81	3780	3789.99	
50	PI/2 BPSK	1	1	18.13	19.8	19.8	20.3
Channel				628302	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3730	3780	3789.99	
40	PI/2 BPSK	1	1	18.07	19.82	19.81	20.3
Channel				627888	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3718.02	3780	3789.99	
30	PI/2 BPSK	1	1	18.13	19.8	19.82	20.3
Channel				627300	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3712.5	3780	3787.5	
25	PI/2 BPSK	1	1	19.07	19.82	19.86	20.3
Channel				627204	633332	637332	Tune-up Limit [dBm]
Frequency [MHz]				3713.01	3780	3789.99	
20	PI/2 BPSK	1	1	18.13	19.8	19.76	20.3
Channel				627138	633332	637532	Tune-up Limit [dBm]
Frequency [MHz]				3707.58	3780	3792.48	
15	PI/2 BPSK	1	1	18.04	19.86	19.83	20.3
Channel				627060	633332	637602	Tune-up Limit [dBm]
Frequency [MHz]				3705	3780	3795	
10	PI/2 BPSK	1	1	18.17	19.79	19.72	20.3

<FR1 n7_Ant6_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.57	19.62	19.5	20.7
50		1	135	19.32	19.44	19.35	20.7
50		1	268	19.36	19.46	19.43	20.7
50		135	0	19.37	19.5	19.27	20.7
50		135	68	19.49	19.6	19.37	20.7
50		135	135	18.93	19.1	18.89	20.7
50		270	0	19.38	19.5	19.37	20.7
50	QPSK	1	1	19.27	19.34	19.14	20.7
50		1	135	19.02	19.12	18.92	20.7
50		1	268	19.42	19.52	19.28	20.7
50		135	0	19.37	19.44	19.2	20.7
50		135	68	18.86	19.02	18.82	20.7
50		135	135	19.38	19.56	19.41	20.7
50		270	0	19.12	19.28	19.02	20.7
50	16QAM	1	1	18.9	19.02	18.89	20.7
50	64QAM	1	1	19.43	19.53	19.28	20.7
50	256QAM	1	1	19.18	19.3	19.08	20.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.49	19.58	19.37	20.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	19.53	19.54	19.4	20.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.43	19.61	19.37	20.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.43	19.58	19.44	20.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.51	19.53	19.37	20.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.52	19.57	19.36	20.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.51	19.58	19.48	20.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.55	19.48	19.47	20.7

<FR1 n66_Ant6_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.2	19.26	19.24	20.2
45		1	120	18.97	19.05	18.93	20.2
45		1	240	18.74	18.83	18.74	20.2
45		120	0	19.16	19.1	19.08	20.2
45		120	60	19.22	19.24	19.13	20.2
45		120	120	18.7	18.87	18.74	20.2
45		240	0	19.03	19.2	19.11	20.2
45	QPSK	1	1	18.91	19.03	18.97	20.2
45		1	120	18.66	18.86	18.83	20.2
45		1	240	19.04	19.23	19.11	20.2
45		120	0	18.76	18.91	18.82	20.2
45		120	60	18.55	18.74	18.68	20.2
45		120	120	19.14	19.23	19.09	20.2
45		240	0	18.93	19.03	18.93	20.2
45	16QAM	1	1	18.58	18.7	18.56	20.2
45	64QAM	1	1	19.06	19.25	19.22	20.2
45	256QAM	1	1	18.85	19.04	18.98	20.2
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.09	19.15	19.16	20.2
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.05	19.16	19.23	20.2
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.09	19.18	19.17	20.2
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.07	19.17	19.2	20.2
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.13	19.14	19.11	20.2
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.18	19.17	19.13	20.2
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.18	19.19	19.1	20.2
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.14	19.19	19.23	20.2

<FR1 n38_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb_1 / Freq.	Power Cb_7 / Freq.	Power Cb_13 / Freq.	Tune-up Limit [dBm]
Channel				516000	516030	520000	
Frequency [MHz]				2580	2583	2590	
40		1	1	20.38	20.64	20.92	21.7
40		1	53	20.42	20.69	20.37	21.7
40		1	104	19.96	20.14	20.02	21.7
40	PI/2 BPSK	50	0	20.36	20.53	20.38	21.7
40		50	26	20.44	20.8	20.48	21.7
40		50	56	20.1	20.27	20.14	21.7
40		100	0	20.46	20.56	20.38	21.7
40		1	1	20.36	20.43	20.37	21.7
40		1	53	20.58	20.22	20.13	21.7
40		1	104	20.39	20.57	20.45	21.7
40	QPSK	50	0	20.27	20.36	20.3	21.7
40		50	26	20.58	20.23	20.12	21.7
40		50	56	20.63	20.73	20.56	21.7
40		100	0	20.39	20.49	20.34	21.7
40	16QAM	1	1	20.04	20.11	20.05	21.7
40	64QAM	1	1	20.34	20.54	20.38	21.7
40	256QAM	1	1	19.35	19.49	19.4	20.7
Channel				517000	518000	521000	Tune-up Limit [dBm]
Frequency [MHz]				2585	2590	2600	
30	PI/2 BPSK	1	1	20.49	20.58	20.5	21.7
Channel				518000	519000	521400	Tune-up Limit [dBm]
Frequency [MHz]				2590.0	2595	2617.0	
25	PI/2 BPSK	1	1	20.44	20.56	20.52	21.7
Channel				518250	519000	521250	Tune-up Limit [dBm]
Frequency [MHz]				2592	2595	2610	
20	PI/2 BPSK	1	1	20.47	20.57	20.48	21.7
Channel				518500	519000	521000	Tune-up Limit [dBm]
Frequency [MHz]				2617.5	2595	2617.5	
15	PI/2 BPSK	1	1	20.5	20.52	20.5	21.7
Channel				518750	519000	520750	Tune-up Limit [dBm]
Frequency [MHz]				2619.5	2595	2610	
10	PI/2 BPSK	1	1	20.49	20.58	20.48	21.7

<FR1 n41_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb_1 / Freq.	Power Cb_7 / Freq.	Power Cb_13 / Freq.	Tune-up Limit [dBm]
Channel				509202	518998	528000	
Frequency [MHz]				2496.01	2592.99	2690	
100		1	1	20.18	20.34	20.15	20.7
100		1	137	19.8	19.95	19.72	20.7
100		1	271	19.69	20.01	19.91	20.7
100	PI/2 BPSK	136	0	19.9	19.97	19.82	20.7
100		136	69	19.84	20.08	19.91	20.7
100		136	136	19.72	19.91	19.79	20.7
100		275	0	19.75	19.85	19.62	20.7
100		1	1	19.81	20.06	19.85	20.7
100		1	137	19.81	19.73	19.58	20.7
100		1	271	19.97	20.16	19.98	20.7
100	QPSK	136	0	19.84	19.74	19.61	20.7
100		136	69	19.86	19.84	19.74	20.7
100		136	136	19.48	19.43	19.41	20.7
100		275	0	19.72	19.83	19.66	20.7
100	16QAM	1	1	19.77	19.9	19.75	20.7
100	64QAM	1	1	19.72	19.86	19.72	20.7
100	256QAM	1	1	19.76	19.86	19.75	20.7
Channel				509250	518998	528000	Tune-up Limit [dBm]
Frequency [MHz]				2497	2592.99	2690.01	
90	PI/2 BPSK	1	1	20.09	20.16	20.09	20.7
Channel				507204	518998	529998	Tune-up Limit [dBm]
Frequency [MHz]				2478.02	2592.99	2699.99	
80	PI/2 BPSK	1	1	20.09	20.19	20.02	20.7
Channel				506202	518998	531000	Tune-up Limit [dBm]
Frequency [MHz]				2457.01	2592.99	2709	
70	PI/2 BPSK	1	1	20.03	20.19	20.11	20.7
Channel				506202	518998	531798	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2709.99	
60	PI/2 BPSK	1	1	20.09	20.16	20.04	20.7
Channel				505266	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2521.02	2592.99	2684.99	
50	PI/2 BPSK	1	1	20.04	20.22	20	20.7
Channel				505788	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2518.3	2592.99	2687.49	
45	PI/2 BPSK	1	1	20.17	20.16	20.08	20.7
Channel				505202	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2516.01	2592.99	2690	
40	PI/2 BPSK	1	1	20.07	20.11	20.08	20.7
Channel				504794	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2511.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	20.09	20.17	20.11	20.7
Channel				504270	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.08	20.14	20.14	20.7
Channel				501792	518998	534198	Tune-up Limit [dBm]
Frequency [MHz]				2503.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.15	20.22	20.01	20.7
Channel				501264	518998	534594	Tune-up Limit [dBm]
Frequency [MHz]				2503.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.07	20.18	20.02	20.7
Channel				500736	518998	534594	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.04	20.23	20.1	20.7
Channel				500208	518998	534192	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.05	20.18	20.08	20.7

<FR1 n41_HPUE_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Cb_1 / Freq.	Power Cb_7 / Freq.	Power Cb_13 / Freq.	Tune-up Limit [dBm]
Channel				509202	518998	528000	
Frequency [MHz]				2496.01	2592.99	2690	
100		1	1	23.1	23.12	23.06	23.7
100		1	137	22.77	22.83	22.81	23.7
100		1	271	22.86	23.02	22.88	23.7
100	PI/2 BPSK	136	0	22.9	23	22.89	23.7
100		136	69	22.86	23.11	23.04	23.7
100		136	136	22.69	22.89	22.84	23.7
100		275	0	22.86	23.01	22.92	23.7
100		1	1	22.9	22.87	22.83	23.7
100		1	137	22.82	23	22.85	23.7
100		1	271	22.91	23	22.86	23.7
100	QPSK	136	0	23	23.09	22.97	23.7
100		136	69	22.85	22.93	22.85	23.7
100		136	136	22.85	22.81	22.75	23.7
100		275	0	22.87	22.97	22.81	23.7
100	16QAM	1	1	22.86	23.1	22.94	23.7
100	64QAM	1	1	22.86	23	22.86	23.7
100	256QAM	1	1	19.9	20.03	19.86	20.7
Channel				509250	518998	528000	Tune-up Limit [dBm]
Frequency [MHz]				2497	2592.99	2690.01	
90	PI/2 BPSK	1	1	22.86	23.08	23.06	23.7
Channel				507204	518998	529998	Tune-up Limit [dBm]
Frequency [MHz]				2478.02	2592.99	2699.99	
80	PI/2 BPSK	1	1	23.06	23.06	22.96	23.7
Channel				506202	518998	531000	Tune-up Limit [dBm]
Frequency [MHz]				2457.01	2592.99	2709	
70	PI/2 BPSK	1	1	23.06	22.99	22.96	23.7
Channel				506202	518998	531798	Tune-up Limit [dBm]
Frequency [MHz]				2549	2592.99	2709.99	
60	PI/2 BPSK	1	1	23.06	23	22.97	23.7
Channel				505266	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2521.02	2592.99	2684.99	
50	PI/2 BPSK	1	1	23.06	23.03	23.07	23.7
Channel				505788	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2518.3	2592.99	2687.49	
45	PI/2 BPSK	1	1	23.08	23	23.07	23.7
Channel				505202	518998	532596	Tune-up Limit [dBm]
Frequency [MHz]				2516.01	2592.99	2690	
40	PI/2 BPSK	1	1	23.07	23.03	23.03	23.7
Channel				504794	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2511.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	22.97	23	22.96	23.7
Channel				504270	518998	534598	Tune-up Limit [dBm]
Frequency [MHz]				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.05	23.09	23.07	23.7
Channel				501792	518998	534198	Tune-up Limit [dBm]
Frequency [MHz]				2503.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.08	23.03	23.05	23.7
Channel				501264	518998	534594	Tune-up Limit [dBm]
Frequency [MHz]				2503.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.96	23.02	22.99	23.7
Channel				500736	518998	534594	Tune-up Limit [dBm]
Frequency [MHz]				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.08	22.97	22.94	23.7
Channel				500208	518998	534192	Tune-up Limit [dBm]
Frequency [MHz]				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23	22.99	23	23.7

<FR1 n48_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636693	647666	648332	
Frequency (MHz)				3570	3602.660	3670.98	
40	PI/2 BPSK	1	1	17.44	17.8	17.47	19
40		1	52	17.49	17.05	17.42	19
40		1	103	17.41	17.02	17.46	19
40		50	0	17.47	17.68	17.48	19
40		50	26	17.41	17.04	17.3	19
40		50	54	17.4	17.04	17.43	19
40		100	0	17.38	17.04	17.44	19
40	QPSK	1	1	17.28	17.41	17.25	19
40		1	52	17.4	17.03	17.33	19
40		1	104	17.41	17.04	17.42	19
40		50	0	17.41	17.03	17.44	19
40		50	26	17.31	17.43	17.36	19
40		50	54	17.26	17.04	17.42	19
40		100	0	17.34	17.44	17.34	19
40	16QAM	1	1	17.3	17.48	17.41	19
40	64QAM	1	1	17.42	17.61	17.47	19
40	256QAM	1	1	16.43	16.6	16.56	19
Channel				637868	647666	649466	Tune-up Limit (dBm)
Frequency (MHz)				3565.32	3624.89	3682.69	
30	PI/2 BPSK	1	1	17.4	17.62	17.51	19
Channel				637334	647666	649000	Tune-up Limit (dBm)
Frequency (MHz)				3560.61	3624.89	3680	
20	PI/2 BPSK	1	1	17.46	17.66	17.51	19
Channel				637134	647666	648798	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.89	3682.49	
15	PI/2 BPSK	1	1	17.52	17.57	17.47	19
Channel				637001	647666	648532	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.89	3684.98	
10	PI/2 BPSK	1	1	17.48	17.53	17.55	19

<FR1 n77 (27Q)_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3699.99		
100	PI/2 BPSK	1	1		17.37		18.9
100		1	137		17.31		18.9
100		1	271		17.28		18.9
100		136	0		17.03		18.9
100		136	68		17.29		18.9
100		136	136		17.23		18.9
100		270	0		17.3		18.9
100	QPSK	1	1		17.16		18.9
100		1	137		17.27		18.9
100		1	271		17.14		18.9
100		136	0		17.16		18.9
100		136	68		17.23		18.9
100		136	136		17.19		18.9
100		270	0		17.31		18.9
100	16QAM	1	1		17.18		18.9
100	64QAM	1	1		17.26		18.9
100	256QAM	1	1		17.22		18.9
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3693	3699.99	3706.99	
90	PI/2 BPSK	1	1	17.19	17.22	17.18	18.9
Channel				632988	633332	633650	Tune-up Limit (dBm)
Frequency (MHz)				3689.52	3699.99	3710	
80	PI/2 BPSK	1	1	17.15	17.1	17.03	18.9
Channel				632766	633332	633732	Tune-up Limit (dBm)
Frequency (MHz)				3683.61	3699.99	3714.58	
70	PI/2 BPSK	1	1	17.12	17.2	17.08	18.9
Channel				632766	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3683	3699.99	3716.99	
60	PI/2 BPSK	1	1	17.09	17.14	17.04	18.9
Channel				631998	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3679.02	3699.99	3720	
50	PI/2 BPSK	1	1	17.06	17.16	17.14	18.9
Channel				631332	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3673.01	3699.99	3726.99	
40	PI/2 BPSK	1	1	17.12	17.16	17.13	18.9
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3669	3699.99	3730.99	
30	PI/2 BPSK	1	1	17.13	17.16	17.09	18.9
Channel				630666	633332	636632	Tune-up Limit (dBm)
Frequency (MHz)				3662.01	3699.99	3737.49	
25	PI/2 BPSK	1	1	17.12	17.17	17.04	18.9
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3655.02	3699.99	3645	
20	PI/2 BPSK	1	1	17.07	17.19	17.16	18.9
Channel				630334	633332	636134	Tune-up Limit (dBm)
Frequency (MHz)				3647.8	3699.99	3662.49	
15	PI/2 BPSK	1	1	17.12	17.1	17.11	18.9
Channel				630334	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)				3653.01	3699.99	3664.98	
10	PI/2 BPSK	1	1	17.1	17.14	17.11	18.9

<FR1 n77 (27Q)_HPUE_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3699.99		
100	PI/2 BPSK	1	1		20.79		21.9
100		1	137		20.64		21.9
100		1	271		20.74		21.9
100		136	0		20.62		21.9
100		136	68		20.76		21.9
100		136	136		20.66		21.9
100		270	0		20.64		21.9
100	QPSK	1	1		20.68		21.9
100		1	137		20.6		21.9
100		1	271		20.67		21.9
100		136	0		20.75		21.9
100		136	68		20.64		21.9
100		136	136		20.65		21.9
100		270	0		20.73		21.9
100	16QAM	1	1		20.67		21.9
100	64QAM	1	1		20.74		21.9
100	256QAM	1	1		20.73		21.9
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3693	3699.99	3706.99	
90	PI/2 BPSK	1	1	20.75	20.8	20.67	21.9
Channel				632988	633332	633650	Tune-up Limit (dBm)
Frequency (MHz)				3689.52	3699.99	3710	
80	PI/2 BPSK	1	1	20.63	20.52	20.57	21.9
Channel				632766	633332	633732	Tune-up Limit (dBm)
Frequency (MHz)				3683.61	3699.99	3714.58	
70	PI/2 BPSK	1	1	20.69	20.55	20.56	21.9
Channel				632766	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3683	3699.99	3716.99	
60	PI/2 BPSK	1	1	20.71	20.51	20.48	21.9
Channel				631998	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3679.02	3699.99	3720	
50	PI/2 BPSK	1	1	20.73	20.58	20.6	21.9
Channel				631332	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3673.01	3699.99	3726.99	
40	PI/2 BPSK	1	1	20.74	20.57	20.58	21.9
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3669	3699.99	3730.99	
30	PI/2 BPSK	1	1	20.81	20.64	20.58	21.9
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3662.01	3699.99	3737.49	
25	PI/2 BPSK	1	1	20.82	20.64	20.53	21.9
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3655.02	3699.99	3645	
20	PI/2 BPSK	1	1	20.88	20.54	20.56	21.9
Channel				630334	633332	636134	Tune-up Limit (dBm)
Frequency (MHz)				3647.8	3699.99	3662.49	
15	PI/2 BPSK	1	1	20.88	20.5	20.53	21.9
Channel				630334	633332	636132	Tune-up Limit (dBm)
Frequency (MHz)				3653.01	3699.99	3664.98	
10	PI/2 BPSK	1	1	20.84	20.58	20.62	21.9

<FR1 n77 (27O)_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [mW]	Power Class 1.5 [mW]	Power Class 1.0 [mW]	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3720	3860	3900	
100		1	1	17.21	17.67	17.26	18.9
100		1	137	17.26	17.35	17.1	18.9
100		1	271	17.17	17.35	17.26	18.9
100	PI/2 BPSK	135	0	17.34	17.43	17.08	18.9
100		135	68	17.38	17.48	17.16	18.9
100		135	135	17.16	17.27	17.09	18.9
100		270	0	17.18	17.27	17.25	18.9
100		1	1	17.2	17.38	17.08	18.9
100		1	137	17.26	17.34	17.16	18.9
100		1	271	17.28	17.38	17.02	18.9
100	QPSK	135	0	17.22	17.28	17.2	18.9
100		133	68	17.28	17.43	17.14	18.9
100		135	135	17.22	17.24	17.07	18.9
100		270	0	17.3	17.3	17.04	18.9
100	16QAM	1	1	17.26	17.27	17.06	18.9
100	64QAM	1	1	17.21	17.21	17.2	18.9
100	256QAM	1	1	17.22	17.3	17.23	18.9
Channel				649668	656000	662332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
80	PI/2 BPSK	1	1	17.18	17.55	17.11	18.9
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
80	PI/2 BPSK	1	1	17.27	17.48	17.16	18.9
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
70	PI/2 BPSK	1	1	17.27	17.43	17.19	18.9
Channel				649668	656000	662332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
60	PI/2 BPSK	1	1	17.2	17.43	17.12	18.9
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
50	PI/2 BPSK	1	1	17.28	17.45	17.17	18.9
Channel				649668	656000	662332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
40	PI/2 BPSK	1	1	17.26	17.53	17.19	18.9
Channel				647668	656000	664332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
30	PI/2 BPSK	1	1	17.19	17.54	17.2	18.9
Channel				647000	656000	664000	
Frequency [MHz]				3712.5	3860	3997.5	Tune-up Limit [dBm]
25	PI/2 BPSK	1	1	17.3	17.43	17.19	18.9
Channel				647334	656000	664666	
Frequency [MHz]				3710.51	3860	3959.99	Tune-up Limit [dBm]
20	PI/2 BPSK	1	1	17.28	17.48	17.11	18.9
Channel				647168	656000	664832	
Frequency [MHz]				3707.42	3860	3972.48	Tune-up Limit [dBm]
15	PI/2 BPSK	1	1	17.29	17.47	17.22	18.9
Channel				647001	656000	664999	
Frequency [MHz]				3705	3860	3975	Tune-up Limit [dBm]
10	PI/2 BPSK	1	1	17.18	17.44	17.11	18.9

<FR1 n77 (27O)_HPUE_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [mW]	Power Class 1.5 [mW]	Power Class 1.0 [mW]	Tune-up Limit [dBm]
Channel				650000	656000	662000	
Frequency [MHz]				3720	3860	3900	
100		1	1	20.49	20.64	20.42	21.9
100		1	137	20.21	20.47	20.28	21.9
100		1	271	20.2	20.38	20.2	21.9
100	PI/2 BPSK	135	0	20.27	20.37	20.3	21.9
100		135	68	20.21	20.32	20.27	21.9
100		135	135	20.22	20.32	20.24	21.9
100		270	0	20.3	20.32	20.33	21.9
100		1	1	20.27	20.32	20.17	21.9
100		1	137	20.14	20.1	20.11	21.9
100		1	271	20.26	20.35	20.19	21.9
100	QPSK	135	0	20.21	20.36	20.21	21.9
100		135	68	20.22	20.42	20.29	21.9
100		135	135	20.19	20.36	20.18	21.9
100		270	0	20.3	20.46	20.29	21.9
100	16QAM	1	1	20.3	20.54	20.31	21.9
100	64QAM	1	1	20.17	20.35	20.28	21.9
100	256QAM	1	1	20.2	20.48	20.19	21.9
Channel				649668	656000	662332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
90	PI/2 BPSK	1	1	20.36	20.62	20.28	21.9
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
80	PI/2 BPSK	1	1	20.43	20.49	20.36	21.9
Channel				649334	656000	662666	
Frequency [MHz]				3708.61	3860	3938.99	Tune-up Limit [dBm]
70	PI/2 BPSK	1	1	20.43	20.59	20.34	21.9
Channel				649668	656000	662332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
60	PI/2 BPSK	1	1	20.36	20.48	20.28	21.9
Channel				649334	656000	662666	
Frequency [MHz]				3710.51	3860	3934.99	Tune-up Limit [dBm]
50	PI/2 BPSK	1	1	20.39	20.5	20.32	21.9
Channel				649668	656000	662332	
Frequency [MHz]				3720	3860	3934.96	Tune-up Limit [dBm]
40	PI/2 BPSK	1	1	20.46	20.55	20.35	21.9
Channel				647668	656000	664332	
Frequency [MHz]				3710.52	3860	3934.96	Tune-up Limit [dBm]
30	PI/2 BPSK	1	1	20.61	20.55	20.34	21.9
Channel				647000	656000	664000	
Frequency [MHz]				3712.5	3860	3997.5	Tune-up Limit [dBm]
25	PI/2 BPSK	1	1	20.44	20.56	20.34	21.9
Channel				647334	656000	664666	
Frequency [MHz]				3710.51	3860	3959.99	Tune-up Limit [dBm]
20	PI/2 BPSK	1	1	20.46	20.58	20.33	21.9
Channel				647168	656000	664832	
Frequency [MHz]				3707.42	3860	3972.48	Tune-up Limit [dBm]
15	PI/2 BPSK	1	1	20.37	20.62	20.35	21.9
Channel				647001	656000	664999	
Frequency [MHz]				3705	3860	3975	Tune-up Limit [dBm]
10	PI/2 BPSK	1	1	20.43	20.51	20.37	21.9

<FR1 n78 (27Q)_Ant6_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Class 1.7 [mW]	Power Class 1.5 [mW]	Power Class 1.0 [mW]	Tune-up Limit [dBm]
Channel					633334		
Frequency [MHz]					3399.99		
150		1	1		17.06		18.9
150		1	137		17.03		18.9
150		1	271		17.02		18.9
150	PI/2 BPSK	135	0		17.02		18.9
150		135	68		17.1		18.9
150		135	135		17.04		18.9
150		270	0		16.96		18.9
150		1	1		16.93		18.9
150		1	137		17.05		18.9
150		1	271		17.12		18.9
150	QPSK	135	0		16.91		18.9
150		135	68		16.98		18.9
150		135	135		17.04		18.9
150		270	0		16.96		18.9
150	16QAM	1	1		17.06		18.9
150	64QAM	1	1		16.97		18.9
150	256QAM	1	1		17.06		18.9
Channel				633000	633332	633666	
Frequency [MHz]				3395	3399.98	3404.99	Tune-up Limit [dBm]
Channel				632666	633332	634000	
Frequency [MHz]				3390.02	3399.98	3410	Tune-up Limit [dBm]
80	PI/2 BPSK	1	1	16.97	17.05	17.06	18.9
Channel				632666	633332	634000	
Frequency [MHz]				3390.02	3399.98	3410	Tune-up Limit [dBm]
80	PI/2 BPSK	1	1	16.94	17.03	17.06	18.9
Channel				632334	633332	634330	
Frequency [MHz]				3385.01	3399.98	3414.96	Tune-up Limit [dBm]
70	PI/2 BPSK	1	1	16.82	17	16.93	18.9
Channel				632000	633332	634668	
Frequency [MHz]				3380	3399.98	3419.96	Tune-up Limit [dBm]
60	PI/2 BPSK	1	1	16.82	16.99	17.03	18.9
Channel				631998	633332	634666	
Frequency [MHz]				3419.93	3399.98	3420	Tune-up Limit [dBm]
50	PI/2 BPSK	1	1	16.83	17.03	17.06	18.9
Channel				631336	633332	635352	
Frequency [MHz]				3413.21	3399.98	3529.93	Tune-up Limit [dBm]
40	PI/2 BPSK	1	1	16.89	16.9	17.06	18.9
Channel				631000	633332	635668	
Frequency [MHz]				3400	3399.98	3539.98	Tune-up Limit [dBm]
30	PI/2 BPSK	1	1	16.87	17.02	17.02	18.9
Channel				630634	633332	636032	
Frequency [MHz]				3482.31	3399.98	3537.49	Tune-up Limit [dBm]
25	PI/2 BPSK	1	1	16.85	16.9	17.04	18.9
Channel				630368	633332	636032	
Frequency [MHz]				3480.52	3399.98	3543	Tune-up Limit [dBm]
20	PI/2 BPSK	1	1	16.84	16.93	16.96	18.9
Channel				630036	633332	636704	
Frequency [MHz]				3457.8	3399.98	3542.49	Tune-up Limit [dBm]
15	PI/2 BPSK	1	1	16.85	16.97	16.92	18.9
Channel				629334	633332	637332	
Frequency [MHz]				3453.01	3399.98	3546.99	Tune-up Limit [dBm]
10	PI/2 BPSK	1	1	16.96	16.97	16.99	18.9

<FR1 n78 (27Q)_HPUE_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb / f Freq	Power Cb / f Freq	Power Cb / f Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.99		
100		1	1		20.83		21.9
100		1	137		20.09		21.9
100		1	273		20.01		21.9
100	PI/2 BPSK	135	0		20.93		21.9
100		135	69		20.52		21.9
100		135	138		20.61		21.9
100		270	0		20.63		21.9
100		1	1		20.3		21.9
100		1	137		20.63		21.9
100		1	271		20.55		21.9
100	QPSK	135	0		20.6		21.9
100		135	69		20.3		21.9
100		135	138		20.68		21.9
100		270	0		20.6		21.9
100	16QAM	1	1		20.73		21.9
100	64QAM	1	1		20.58		21.9
100	256QAM	1	1		20.64		21.9
Channel				623000	633332	623968	Tune-up Limit (dBm)
Frequency (MHz)				3450	3499.99	3604.68	
90	PI/2 BPSK	1	1	20.98	20.62	20.5	21.9
Channel				622968	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3449.68	3499.99	3515	
80	PI/2 BPSK	1	1	20.49	20.5	20.43	21.9
Channel				622738	633332	634162	Tune-up Limit (dBm)
Frequency (MHz)				3448.01	3499.99	3514.98	
70	PI/2 BPSK	1	1	20.51	20.52	20.42	21.9
Channel				622508	633332	634068	Tune-up Limit (dBm)
Frequency (MHz)				3440	3499.99	3515.99	
60	PI/2 BPSK	1	1	20.46	20.62	20.36	21.9
Channel				621968	633332	633982	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3499.99	3503	
50	PI/2 BPSK	1	1	20.34	20.61	20.41	21.9
Channel				621404	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.99	3499.99	
40	PI/2 BPSK	1	1	20.3	20.54	20.5	21.9
Channel				621260	633332	633968	Tune-up Limit (dBm)
Frequency (MHz)				3469	3499.99	3504.98	
30	PI/2 BPSK	1	1	20.34	20.55	20.48	21.9
Channel				620804	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3465.01	3499.99	3507.48	
25	PI/2 BPSK	1	1	20.48	20.5	20.48	21.9
Channel				620668	633332	634002	Tune-up Limit (dBm)
Frequency (MHz)				3463.32	3499.99	3507	
20	PI/2 BPSK	1	1	20.32	20.54	20.5	21.9
Channel				620532	633332	634168	Tune-up Limit (dBm)
Frequency (MHz)				3461.8	3499.99	3512.49	
15	PI/2 BPSK	1	1	20.48	20.53	20.45	21.9
Channel				620124	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3453.01	3499.99	3516.99	
10	PI/2 BPSK	1	1	20.48	20.6	20.39	21.9

<FR1 n78 (27O)_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb / f Freq	Power Cb / f Freq	Power Cb / f Freq	Tune-up Limit (dBm)
Channel					630000		
Frequency (MHz)					3750		
100		1	1		17.98		18.9
100		1	137		17.98		18.9
100		1	273		17.98		18.9
100	PI/2 BPSK	136	0		17.98		18.9
100		136	69		17.99		18.9
100		136	139		17.92		18.9
100		270	0		17.9		18.9
100		1	1		17.85		18.9
100		1	137		17.98		18.9
100		1	271		17.82		18.9
100	QPSK	136	0		17.87		18.9
100		136	69		17.98		18.9
100		136	139		17.79		18.9
100		270	0		17.81		18.9
100	16QAM	1	1		17.71		18.9
100	64QAM	1	1		17.7		18.9
100	256QAM	1	1		17.8		18.9
Channel				629988	630000	630332	Tune-up Limit (dBm)
Frequency (MHz)				3749.58	3750	3754.68	
90	PI/2 BPSK	1	1	17.7	17.9	17.71	18.9
Channel				629334	630000	630665	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3758.03	
80	PI/2 BPSK	1	1	17.62	17.79	17.6	18.9
Channel				628680	630000	631332	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.66	17.8	17.66	18.9
Channel				628398	630000	631332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3765.99	
60	PI/2 BPSK	1	1	17.61	17.83	17.64	18.9
Channel				628338	630000	631668	Tune-up Limit (dBm)
Frequency (MHz)				3729.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.58	17.81	17.68	18.9
Channel				628002	630000	632004	Tune-up Limit (dBm)
Frequency (MHz)				3727	3750	3780	
40	PI/2 BPSK	1	1	17.64	17.85	17.62	18.9
Channel				627668	630000	632332	Tune-up Limit (dBm)
Frequency (MHz)				3716.01	3750	3783.99	
30	PI/2 BPSK	1	1	17.6	17.85	17.66	18.9
Channel				627360	630000	632400	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.67	17.82	17.58	18.9
Channel				627336	630000	632668	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3750	3789.59	
20	PI/2 BPSK	1	1	17.53	17.84	17.56	18.9
Channel				627168	630000	632832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.6	17.89	17.61	18.9
Channel				627000	630000	633000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.64	17.87	17.64	18.9

<FR1 n78 (27O)_HPUE_Ant6_DSIS>

BW[MHz]	Modulation	RB Size	RB Offset	Power Cb / f Freq	Power Cb / f Freq	Power Cb / f Freq	Tune-up Limit (dBm)
Channel					630000		
Frequency (MHz)					3750		
100		1	1		20.93		21.9
100		1	137		20.58		21.9
100		1	273		20.54		21.9
100	PI/2 BPSK	136	0		20.6		21.9
100		136	69		20.53		21.9
100		136	139		20.62		21.9
100		270	0		20.68		21.9
100		1	1		20.66		21.9
100		1	137		20.6		21.9
100		1	271		20.57		21.9
100	QPSK	136	0		20.61		21.9
100		136	69		20.68		21.9
100		136	139		20.72		21.9
100		270	0		20.73		21.9
100	16QAM	1	1		20.54		21.9
100	64QAM	1	1		20.57		21.9
100	256QAM	1	1		20.66		21.9
Channel				629668	630000	630332	Tune-up Limit (dBm)
Frequency (MHz)				3749.58	3750	3754.68	
90	PI/2 BPSK	1	1	20.94	20.61	20.66	21.9
Channel				629334	630000	630665	Tune-up Limit (dBm)
Frequency (MHz)				3743.01	3750	3758.03	
80	PI/2 BPSK	1	1	20.52	20.68	20.61	21.9
Channel				628680	630000	631332	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.48	20.54	20.58	21.9
Channel				628398	630000	631332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3765.99	
60	PI/2 BPSK	1	1	20.43	20.57	20.58	21.9
Channel				628338	630000	631668	Tune-up Limit (dBm)
Frequency (MHz)				3729.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.33	20.55	20.58	21.9
Channel				628002	630000	632004	Tune-up Limit (dBm)
Frequency (MHz)				3727	3750	3780	
40	PI/2 BPSK	1	1	20.31	20.53	20.56	21.9
Channel				627668	630000	632332	Tune-up Limit (dBm)
Frequency (MHz)				3716.01	3750	3783.99	
30	PI/2 BPSK	1	1	20.47	20.5	20.58	21.9
Channel				627360	630000	632400	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.42	20.5	20.54	21.9
Channel				627336	630000	632668	Tune-up Limit (dBm)
Frequency (MHz)				3710.51	3750	3789.59	
20	PI/2 BPSK	1	1	20.45	20.56	20.53	21.9
Channel				627168	630000	632832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.46	20.57	20.58	21.9
Channel				627000	630000	633000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.46	20.52	20.53	21.9

<FR1 n7_Ant7_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.93	16.04	15.8	16.7
50		1	135	15.81	15.98	15.7	16.7
50		1	268	15.81	16.01	15.62	16.7
50		135	0	15.83	15.97	15.71	16.7
50		135	68	15.8	16.05	15.68	16.7
50		135	135	15.79	16.02	15.63	16.7
50		270	0	15.79	16.03	15.66	16.7
50	QPSK	1	1	15.96	16.12	15.84	16.7
50		1	135	15.75	15.91	15.64	16.7
50		1	268	15.86	16.04	15.7	16.7
50		135	0	15.84	16	15.63	16.7
50		135	68	15.87	16.12	15.87	16.7
50		135	135	15.92	16.12	15.83	16.7
50		270	0	15.88	16.13	15.8	16.7
50	16QAM	1	1	15.71	15.95	15.58	16.7
50	64QAM	1	1	15.65	15.9	15.58	16.7
50	256QAM	1	1	15.79	15.99	15.67	16.7
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.88	15.94	15.71	16.7
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.91	16.03	15.76	16.7
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.9	15.9	15.67	16.7
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.89	15.96	15.68	16.7
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.82	15.98	15.77	16.7
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.79	16.02	15.73	16.7
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.91	15.93	15.77	16.7
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.78	15.95	15.71	16.7

<FR1 n66_Ant7_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.43	17.55	17.5	18.5
45		1	120	17.26	17.39	17.23	18.5
45		1	240	17.29	17.45	17.37	18.5
45		120	0	17.31	17.5	17.4	18.5
45		120	60	17.29	17.52	17.44	18.5
45		120	120	17.16	17.35	17.29	18.5
45		240	0	17.36	17.53	17.45	18.5
45	QPSK	1	1	17.3	17.48	17.34	18.5
45		1	120	17.31	17.48	17.28	18.5
45		1	240	17.34	17.57	17.39	18.5
45		120	0	17.11	17.34	17.21	18.5
45		120	60	17.12	17.32	17.15	18.5
45		120	120	17.31	17.55	17.46	18.5
45		240	0	17.23	17.45	17.33	18.5
45	16QAM	1	1	17.3	17.5	17.31	18.5
45	64QAM	1	1	17.14	17.38	17.22	18.5
45	256QAM	1	1	17.32	17.56	17.49	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.41	17.47	17.45	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.33	17.46	17.38	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.37	17.52	17.38	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.4	17.52	17.39	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.36	17.46	17.36	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.32	17.51	17.41	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.37	17.42	17.4	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.28	17.51	17.36	18.5

<FR1 n38_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.97	18.03	18	19.2
40		1	53	17.77	17.93	17.79	19.2
40		1	104	17.82	17.97	17.91	19.2
40	PI/2 BPSK	50	0	17.8	17.96	17.79	19.2
40		50	28	17.85	18.02	17.86	19.2
40		50	56	17.9	17.99	17.94	19.2
40		100	0	17.82	18	17.85	19.2
40		1	1	17.82	17.95	17.88	19.2
40		1	53	17.97	17.97	17.9	19.2
40		1	104	17.97	18	17.94	19.2
40	QPSK	50	0	17.89	17.97	17.93	19.2
40		50	28	17.94	17.95	17.98	19.2
40		50	56	17.91	17.93	17.79	19.2
40		100	0	17.88	17.97	17.93	19.2
40	16QAM	1	1	17.89	18.02	17.93	19.2
40	64QAM	1	1	17.94	17.99	17.9	19.2
40	256QAM	1	1	17.85	17.99	17.88	19.2
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	17.95	18	17.92	19.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.5	2580	2607.5	
25	PI/2 BPSK	1	1	17.84	17.99	17.97	19.2
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	17.93	18.01	17.9	19.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	17.91	18	17.89	19.2
Channel				515000	516000	522600	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	17.94	17.98	17.9	19.2

<FR1 n41_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.33	17.43	17.6	18.2
100		1	137	17.35	17.52	17.38	18.2
100	PI/2 BPSK	1	271	17.4	17.61	17.47	18.2
100		135	0	17.45	17.6	17.49	18.2
100		135	69	17.37	17.62	17.53	18.2
100		135	138	17.39	17.54	17.43	18.2
100		270	0	17.41	17.58	17.48	18.2
100		1	1	17.39	17.51	17.42	18.2
100		1	137	17.46	17.58	17.54	18.2
100		1	271	17.34	17.46	17.4	18.2
100	QPSK	135	0	17.39	17.54	17.39	18.2
100		135	69	17.41	17.59	17.55	18.2
100		135	138	17.41	17.61	17.49	18.2
100		270	0	17.35	17.49	17.43	18.2
100	16QAM	1	1	17.35	17.48	17.42	18.2
100	64QAM	1	1	17.48	17.5	17.53	18.2
100	256QAM	1	1	17.31	17.45	17.34	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.4	17.58	17.49	18.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.48	17.58	17.58	18.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.38	17.5	17.58	18.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.46	17.61	17.5	18.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.45	17.49	17.51	18.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.46	17.6	17.51	18.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.38	17.5	17.57	18.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.46	17.49	17.55	18.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.48	17.54	17.51	18.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.4	17.54	17.54	18.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.51	17.57	17.48	18.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.4	17.61	17.54	18.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.38	17.61	17.53	18.2

<FR1 n41_HPUE_Ant7_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.41	20.7	20.51	21.2
100		1	137	20.45	20.56	20.3	21.2
100	PI/2 BPSK	1	271	20.38	20.49	20.26	21.2
100		135	0	20.42	20.61	20.26	21.2
100		135	69	20.42	20.64	20.31	21.2
100		135	138	20.36	20.59	20.36	21.2
100		270	0	20.45	20.52	20.24	21.2
100		1	1	20.38	20.58	20.33	21.2
100		1	137	20.51	20.64	20.39	21.2
100		1	271	20.34	20.54	20.26	21.2
100	QPSK	135	0	20.32	20.52	20.19	21.2
100		135	69	20.48	20.62	20.3	21.2
100		135	138	20.4	20.71	20.48	21.2
100		270	0	20.21	20.41	20.16	21.2
100	16QAM	1	1	20.46	20.57	20.33	21.2
100	64QAM	1	1	19.42	19.45	19.48	20.2
100	256QAM	1	1	17.54	17.69	17.39	18.2
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.57	20.61	20.44	21.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.53	20.68	20.48	21.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.59	20.61	20.36	21.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.52	20.64	20.48	21.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.54	20.63	20.37	21.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.53	20.68	20.49	21.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.53	20.64	20.44	21.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.57	20.65	20.36	21.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.58	20.66	20.37	21.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.57	20.58	20.48	21.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.57	20.67	20.46	21.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.49	20.59	20.46	21.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.47	20.69	20.48	21.2

<FR1 n48_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636600	641666	646332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	17.31	17.34	17.23	18.9
40		1	53	17.21	17.26	17.21	18.9
40		1	104	17.18	17.34	17.23	18.9
40	PI/2 BPSK	50	0	17.03	17.13	17.07	18.9
40		50	28	17.13	17.25	17.22	18.9
40		50	56	16.96	17.13	17.04	18.9
40		100	0	17.1	17.24	17.22	18.9
40		1	1	17.16	17.24	17.11	18.9
40		1	53	17.08	17.22	17.16	18.9
40		1	104	17.03	17.16	17.14	18.9
40	QPSK	50	0	17.1	17.26	17.14	18.9
40		50	28	17.26	17.33	17.26	18.9
40		50	56	17.3	17.35	17.22	18.9
40		100	0	17.12	17.25	17.1	18.9
40	16QAM	1	1	17.16	17.3	17.15	18.9
40	64QAM	1	1	16.16	16.25	16.13	17.4
40	256QAM	1	1	14.52	14.69	14.65	15.4
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3560.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.23	17.27	17.2	18.9
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3550.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.19	17.28	17.32	18.9
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3547.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.26	17.22	17.26	18.9
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3545	3624.99	3684.99	
10	PI/2 BPSK	1	1	17.27	17.21	17.26	18.9

<FR1 n77 (27Q)_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.01		16.3
100		1	137		15.92		16.3
100		1	271		15.87		16.3
100	PI/2 BPSK	135	0		15.78		16.3
100		135	69		15.83		16.3
100		135	138		15.75		16.3
100		270	0		15.86		16.3
100		1	1		15.85		16.3
100		1	137		15.79		16.3
100		1	271		15.84		16.3
100	QPSK	135	0		15.87		16.3
100		135	69		15.85		16.3
100		135	138		15.74		16.3
100		270	0		15.78		16.3
100	16QAM	1	1		15.92		16.3
100	64QAM	1	1		15.83		16.3
100	256QAM	1	1		15.92		16.3
Channel				630000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	15.92	15.78	15.83	16.3
Channel				629668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3489.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.91	15.7	15.76	16.3
Channel				629334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.84	15.88	15.8	16.3
Channel				630000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.86	15.75	15.81	16.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.87	15.72	15.78	16.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.84	15.77	15.79	16.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.84	15.74	15.71	16.3
Channel				630634	633332	634052	Tune-up Limit (dBm)
Frequency (MHz)				3462.21	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.85	15.7	15.76	16.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.91	15.86	15.72	16.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.48	
15	PI/2 BPSK	1	1	15.87	15.77	15.71	16.3
Channel				629334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3452.51	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.79	15.86	15.72	16.3

<FR1 n77 (27Q)_HPUE_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.05		19.3
100		1	137		19.06		19.3
100		1	271		19.05		19.3
100	PI/2 BPSK	135	0		19.09		19.3
100		135	69		18.93		19.3
100		135	138		19.06		19.3
100		270	0		18.98		19.3
100		1	1		18.91		19.3
100		1	137		19.05		19.3
100		1	271		19.09		19.3
100	QPSK	135	0		19.08		19.3
100		135	69		18.93		19.3
100		135	138		19.04		19.3
100		270	0		18.93		19.3
100	16QAM	1	1		18.86		19.3
100	64QAM	1	1		18.95		19.3
100	256QAM	1	1		18.88		19.3
Channel				630000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.98	
90	PI/2 BPSK	1	1	18.88	18.93	18.86	19.3
Channel				629668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3489.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.74	18.9	18.83	19.3
Channel				629334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.78	18.82	18.75	19.3
Channel				630000	633332	636666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.77	18.8	18.81	19.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.77	18.87	18.72	19.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.74	18.8	18.76	19.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.76	18.87	18.77	19.3
Channel				630634	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3462.21	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.78	18.89	18.84	19.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.74	18.91	18.73	19.3
Channel				630000	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.48	
15	PI/2 BPSK	1	1	18.76	18.79	18.78	19.3
Channel				629334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3452.51	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.77	18.86	18.85	19.3

<FR1 n77 (27O)_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				656000	658000	660000	
Frequency (MHz)				3750	3840	3930	
100		1	1	15.31	15.46	15.04	16.3
100		1	137	15.19	15.16	14.91	16.3
100		1	271	15.23	15.25	14.63	16.3
100	Pi/2 BPSK	135	0	15.27	15.25	14.65	16.3
100		135	69	15.09	15.37	14.73	16.3
100		135	138	15.05	15.35	14.61	16.3
100		270	0	15.06	15.3	14.65	16.3
100		1	1	15.21	15.3	14.68	16.3
100		1	137	15.26	15.27	14.76	16.3
100		1	271	15.06	15.23	14.8	16.3
100	QPSK	135	0	15.07	15.21	14.62	16.3
100		135	69	15.18	15.25	14.79	16.3
100		135	138	15.1	15.21	14.75	16.3
100		270	0	15.08	15.22	14.77	16.3
100	16QAM	1	1	15.19	15.21	14.72	16.3
100	64QAM	1	1	15.11	15.29	14.75	16.3
100	256QAM	1	1	15.24	15.28	14.77	16.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3745.32	3840	3934.68	
90	Pi/2 BPSK	1	1	15.3	15.46	14.9	16.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3840	3938.49	
80	Pi/2 BPSK	1	1	15.22	15.39	15.05	16.3
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi/2 BPSK	1	1	15.28	15.38	14.9	16.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3750.32	3840	3929.68	
60	Pi/2 BPSK	1	1	15.16	15.36	14.9	16.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3745.51	3840	3934.49	
50	Pi/2 BPSK	1	1	15.28	15.4	14.98	16.3
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
40	Pi/2 BPSK	1	1	15.19	15.34	15.01	16.3
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3715.32	3840	3964.68	
30	Pi/2 BPSK	1	1	15.24	15.38	14.97	16.3
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3732.5	3840	3947.5	
25	Pi/2 BPSK	1	1	15.16	15.38	14.97	16.3
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3719.01	3840	3960.99	
20	Pi/2 BPSK	1	1	15.23	15.34	15.02	16.3
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.32	3840	3972.48	
15	Pi/2 BPSK	1	1	15.26	15.38	15.01	16.3
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3700	3840	3975	
10	Pi/2 BPSK	1	1	15.19	15.37	14.92	16.3

<FR1 n77 (27O)_HPUE_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				656000	658000	660000	
Frequency (MHz)				3750	3840	3930	
100		1	1	18.29	18.21	17.97	19.3
100		1	137	17.99	18.1	17.58	19.3
100		1	271	17.79	18.07	17.62	19.3
100	Pi/2 BPSK	135	0	17.96	18.03	17.65	19.3
100		135	69	17.83	17.92	17.61	19.3
100		135	138	17.81	18.08	17.74	19.3
100		270	0	17.76	18.1	17.62	19.3
100		1	1	17.92	18.01	17.66	19.3
100		1	137	17.96	18.03	17.74	19.3
100		1	271	17.99	18	17.66	19.3
100	QPSK	135	0	17.87	18.03	17.64	19.3
100		135	69	17.75	17.97	17.68	19.3
100		135	138	17.79	18	17.76	19.3
100		270	0	17.94	17.92	17.57	19.3
100	16QAM	1	1	17.95	17.9	17.8	19.3
100	64QAM	1	1	17.86	18.05	17.81	19.3
100	256QAM	1	1	17.88	18.01	17.8	19.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3745.32	3840	3934.68	
90	Pi/2 BPSK	1	1	18.21	18.19	17.88	19.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3741.51	3840	3938.49	
80	Pi/2 BPSK	1	1	18.26	18.13	17.88	19.3
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi/2 BPSK	1	1	18.19	18.14	17.95	19.3
Channel				649968	656000	662032	Tune-up Limit (dBm)
Frequency (MHz)				3750.32	3840	3929.68	
60	Pi/2 BPSK	1	1	18.24	18.07	17.83	19.3
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3745.51	3840	3934.49	
50	Pi/2 BPSK	1	1	18.26	18.11	17.85	19.3
Channel				649000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
40	Pi/2 BPSK	1	1	18.25	18.06	17.9	19.3
Channel				647968	656000	664032	Tune-up Limit (dBm)
Frequency (MHz)				3715.32	3840	3964.68	
30	Pi/2 BPSK	1	1	18.19	18.08	17.85	19.3
Channel				647500	656000	664500	Tune-up Limit (dBm)
Frequency (MHz)				3732.5	3840	3947.5	
25	Pi/2 BPSK	1	1	18.27	18.16	17.93	19.3
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3719.01	3840	3960.99	
20	Pi/2 BPSK	1	1	18.15	18.08	17.87	19.3
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.32	3840	3972.48	
15	Pi/2 BPSK	1	1	18.19	18.17	17.92	19.3
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3700	3840	3975	
10	Pi/2 BPSK	1	1	18.16	18.1	17.86	19.3

<FR1 n78 (27O)_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3489.66		
100		1	1		15.82		16.3
100		1	137		15.77		16.3
100		1	271		15.76		16.3
100	Pi/2 BPSK	135	0		15.72		16.3
100		135	69		15.68		16.3
100		135	138		15.71		16.3
100		270	0		15.72		16.3
100		1	1		15.73		16.3
100		1	137		15.84		16.3
100		1	271		15.87		16.3
100	QPSK	135	0		15.73		16.3
100		135	69		15.85		16.3
100		135	138		15.74		16.3
100		270	0		15.91		16.3
100	16QAM	1	1		15.78		16.3
100	64QAM	1	1		15.72		16.3
100	256QAM	1	1		15.76		16.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3534.99	
90	Pi/2 BPSK	1	1	15.72	15.84	15.78	16.3
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3489.66	3512	
80	Pi/2 BPSK	1	1	15.69	15.7	15.7	16.3
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3489.66	3514.98	
70	Pi/2 BPSK	1	1	15.67	15.79	15.74	16.3
Channel				633000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3518.99	
60	Pi/2 BPSK	1	1	15.66	15.8	15.67	16.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3489.66	3525	
50	Pi/2 BPSK	1	1	15.67	15.82	15.74	16.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3489.66	3529.98	
40	Pi/2 BPSK	1	1	15.62	15.74	15.74	16.3
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3489.66	3534.99	
30	Pi/2 BPSK	1	1	15.69	15.82	15.7	16.3
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3482.31	3489.66	3537.48	
25	Pi/2 BPSK	1	1	15.66	15.72	15.74	16.3
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3489.66	3540	
20	Pi/2 BPSK	1	1	15.67	15.79	15.72	16.3
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3497.5	3489.66	3542.48	
15	Pi/2 BPSK	1	1	15.66	15.73	15.67	16.3
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3489.66	3544.98	
10	Pi/2 BPSK	1	1	15.71	15.74	15.72	16.3

<FR1 n78 (27O)_HPUE_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.71		19.3
100		1	137		18.6		19.3
100		1	271		18.63		19.3
100	PI/2 BPSK	135	0		18.59		19.3
100		135	69		18.54		19.3
100		135	138		18.52		19.3
100		270	0		18.52		19.3
100		1	0		18.7		19.3
100		1	137		18.57		19.3
100		1	271		18.63		19.3
100	QPSK	135	0		18.69		19.3
100		135	69		18.67		19.3
100		135	138		18.6		19.3
100		270	0		18.59		19.3
100	16QAM	1	1		18.56		19.3
100	64QAM	1	1		18.62		19.3
100	256QAM	1	1		18.56		19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.62	18.56	18.62	19.3
Channel				633666	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3495.02	3499.98	3505	
80	PI/2 BPSK	1	1	18.5	18.49	18.6	19.3
Channel				633334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.57	18.53	18.61	19.3
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3514.98	
60	PI/2 BPSK	1	1	18.52	18.53	18.61	19.3
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3470.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.6	18.51	18.55	19.3
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.5	18.51	18.58	19.3
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.48	18.52	18.55	19.3
Channel				630634	633332	634032	Tune-up Limit (dBm)
Frequency (MHz)				3462.31	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.49	18.47	18.5	19.3
Channel				630668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3462.68	3499.98	3540	
20	PI/2 BPSK	1	1	18.51	18.53	18.59	19.3
Channel				630000	633332	634166	Tune-up Limit (dBm)
Frequency (MHz)				3457.3	3499.98	3542.48	
15	PI/2 BPSK	1	1	18.59	18.42	18.57	19.3
Channel				630334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.3	18.41	18.51	19.3

<FR1 n78 (27O)_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					636000		
Frequency (MHz)					3750		
100		1	1		15.7		16.3
100		1	137		15.62		16.3
100	PI/2 BPSK	1	271		15.65		16.3
100		135	0		15.55		16.3
100		135	69		15.48		16.3
100		135	138		15.55		16.3
100		270	0		15.55		16.3
100		1	1		15.55		16.3
100		1	137		15.52		16.3
100		1	271		15.71		16.3
100	QPSK	135	0		15.5		16.3
100		135	69		15.48		16.3
100		135	138		15.55		16.3
100		270	0		15.6		16.3
100	16QAM	1	1		15.7		16.3
100	64QAM	1	1		15.67		16.3
100	256QAM	1	1		15.48		16.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.7	15.67	15.48	16.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3754.98	
80	PI/2 BPSK	1	1	15.58	15.56	15.38	16.3
Channel				648000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
70	PI/2 BPSK	1	1	15.65	15.56	15.38	16.3
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
60	PI/2 BPSK	1	1	15.67	15.54	15.46	16.3
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3754.98	
50	PI/2 BPSK	1	1	15.62	15.63	15.48	16.3
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3745	3750	3755	
40	PI/2 BPSK	1	1	15.69	15.55	15.44	16.3
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
30	PI/2 BPSK	1	1	15.63	15.54	15.38	16.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3754.98	
25	PI/2 BPSK	1	1	15.62	15.61	15.41	16.3
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3754.98	
20	PI/2 BPSK	1	1	15.61	15.55	15.41	16.3
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3737.52	3750	3762.48	
15	PI/2 BPSK	1	1	15.61	15.54	15.41	16.3
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
10	PI/2 BPSK	1	1	15.55	15.62	15.4	16.3

<FR1 n78 (27O)_HPUE_Ant9_DSIS>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel					636000	
Frequency (MHz)					3750	
100		1	1		16.53	
100		1	137		17.66	
100		1	271		17.91	
100	PI/2 BPSK	135	0		17.83	
100		135	69		18.03	
100		135	138		17.89	
100		270	0		18.05	
100		1	1		17.67	
100		1	137		17.91	
100		1	271		17.99	
100	QPSK	135	0		17.83	
100		135	69		17.89	
100		135	138		18.04	
100		270	0		18.02	
100	16QAM	1	1		17.95	
100	64QAM	1	1		17.9	
100	256QAM	1	1		17.9	
Channel				648668	650000	651332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	17.9	18.04	18.04
Channel				648334	650000	651666
Frequency (MHz)				3745.01	3750	3754.99
80	PI/2 BPSK	1	1	17.88	17.9	17.9
Channel				648000	650000	651000
Frequency (MHz)				3745	3750	3755
70	PI/2 BPSK	1	1	17.82	17.88	17.89
Channel				648668	650000	651332
Frequency (MHz)				3745.02	3750	3754.98
60	PI/2 BPSK	1	1	17.76	17.86	17.93
Channel				648334	650000	651666
Frequency (MHz)				3745.01	3750	3754.99
50	PI/2 BPSK	1	1	17.83	18	17.91
Channel				648000	650000	652000
Frequency (MHz)				3745	3750	3755
40	PI/2 BPSK	1	1	17.82	17.93	17.9
Channel				647668	650000	652332
Frequency (MHz)				3745.02	3750	3754.98
30	PI/2 BPSK	1	1	17.78	17.88	17.91
Channel				647500	650000	652500
Frequency (MHz)				3744.8	3750	3797.5
25	PI/2 BPSK	1	1	17.85	17.97	17.91
Channel				647334	650000	652666
Frequency (MHz)				3745.01	3750	3754.99
20	PI/2 BPSK	1	1	17.88	17.97	17.92
Channel				647168	650000	652832
Frequency (MHz)				3747.52	3750	3752.48
15	PI/2 BPSK	1	1	17.75	17.98	17.99
Channel				647000	650000	653000
Frequency (MHz)				3755	3750	3765
10	PI/2 BPSK	1	1	17.75	17.98	17.94

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<FR1 n38_Ant4_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2595	2610	
40		1	1	16.2	16.23	16.19	17.2
40		1	53	16.06	16.24	16.07	17.2
40		1	104	15.88	15.86	15.77	17.2
40	PI/2 BPSK	50	0	16.06	16.22	16.05	17.2
40		50	28	16.15	16.24	16.02	17.2
40		50	56	16.1	16.22	16.09	17.2
40		100	0	16.06	16.19	16.1	17.2
40		1	1	16.17	16.34	16.19	17.2
40		1	53	15.79	15.93	15.73	17.2
40		1	104	16.09	16.07	16.09	17.2
40	QPSK	50	0	15.93	16.1	15.91	17.2
40		50	28	16.1	16.23	16.05	17.2
40		50	56	16.1	16.26	16.1	17.2
40		100	0	16.04	16.19	16.1	17.2
40	16QAM	1	1	15.95	16.03	15.95	17.2
40	64QAM	1	1	15.89	16.06	15.95	17.2
40	256QAM	1	1	16.15	16.25	16.09	17.2
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2595	2605	
20	PI/2 BPSK	1	1	16.19	16.11	16.1	17.2
Channel				516000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.2	2595	2607.2	
20	PI/2 BPSK	1	1	16.11	16.14	16.09	17.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.16	16.17	16.04	17.2
Channel				515200	516000	522320	Tune-up Limit (dBm)
Frequency (MHz)				2577.2	2595	2612.8	
15	PI/2 BPSK	1	1	16.09	16.19	16.13	17.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.11	16.16	16.16	17.2

<FR1 n41_Ant4_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.2	16.27	16.28	17.2
100		1	137	15.78	16.05	15.87	17.2
100	PI/2 BPSK	1	271	16.09	16.25	16.2	17.2
100		135	0	16.1	16.19	16.09	17.2
100		135	69	16.07	16.25	16.22	17.2
100		135	138	16.09	16.21	16.18	17.2
100		270	0	16.13	16.23	16.1	17.2
100		1	1	16.04	16.24	16.12	17.2
100		1	137	16.13	16.29	16.28	17.2
100		1	271	16.15	16.31	16.23	17.2
100	QPSK	135	0	15.95	16.09	16.04	17.2
100		135	69	16.14	16.26	16.23	17.2
100		135	138	16.17	16.35	16.36	17.2
100		270	0	16.08	16.22	16.19	17.2
100	16QAM	1	1	16.2	16.27	16.27	17.2
100	64QAM	1	1	16.13	16.28	16.21	17.2
100	256QAM	1	1	15.78	15.91	15.85	17.2
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.08	16.16	16.15	17.2
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	16.1	16.13	16.24	17.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.08	16.23	16.24	17.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.25	16.16	17.2
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	16.08	16.18	16.14	17.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.14	16.14	16.23	17.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.14	16.18	16.17	17.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	16.07	16.24	16.16	17.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.09	16.14	16.23	17.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.11	16.25	16.17	17.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	16.09	16.23	16.15	17.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.25	16.15	17.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.09	16.13	16.14	17.2

<FR1 n41_HPUE_Ant4_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.43	19.37	19.45	20.2
100		1	137	19.21	19.41	19.19	20.2
100		1	271	19.19	19.36	19.19	20.2
100	PI/2 BPSK	135	0	18.98	19.36	19.09	20.2
100		135	69	19.15	19.41	19.26	20.2
100		135	138	19.26	19.49	19.25	20.2
100		270	0	19.21	19.39	19.18	20.2
100		1	1	19.14	19.39	19.02	20.2
100		1	137	19.21	19.37	19.21	20.2
100		1	271	19.39	19.55	19.37	20.2
100	QPSK	135	0	19.14	19.36	19.1	20.2
100		135	69	19.01	19.28	19.09	20.2
100		135	138	19.13	19.41	19.21	20.2
100		270	0	19.03	19.27	19.09	20.2
100	16QAM	1	1	19.03	19.21	19.06	20.2
100	64QAM	1	1	19.1	19.32	19.09	20.2
100	256QAM	1	1	19.29	19.44	19.29	20.2
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.32	19.45	19.34	20.2
Channel				507204	518598	529968	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	19.36	19.56	19.36	20.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.36	19.52	19.32	20.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.36	19.48	19.37	20.2
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	19.39	19.55	19.35	20.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.38	19.43	19.41	20.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.35	19.54	19.39	20.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	19.3	19.48	19.31	20.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.42	19.52	19.34	20.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.35	19.49	19.42	20.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	19.38	19.47	19.43	20.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.34	19.44	19.31	20.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.38	19.54	19.41	20.2

<FR1 n38_Ant5_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2620	
40		1	1	15.66	15.74	15.61	16.2
40		1	53	15.06	15.17	15.01	16.2
40		1	104	15.09	15.25	15.02	16.2
40	PI/2 BPSK	50	0	15.01	15.02	15.06	16.2
40		50	28	15.38	15.47	15.35	16.2
40		50	56	15.06	15.22	15.01	16.2
40		100	0	15.09	15.3	15.14	16.2
40		1	1	13.54	15.19	14.95	16.2
40		1	53	14.69	14.91	14.65	16.2
40		1	104	15.32	15.01	15.09	16.2
40	QPSK	50	0	14.71	14.91	14.67	16.2
40		50	28	14.87	14.98	14.72	16.2
40		50	56	15.45	15.66	15.46	16.2
40		100	0	15.01	15.24	15	16.2
40	16QAM	1	1	14.6	14.82	14.56	16.2
40	64QAM	1	1	13.53	15.75	15.5	16.2
40	256QAM	1	1	14.52	15.02	14.83	16.2
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	15.6	15.62	15.49	16.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.5	2580	2607.5	
25	PI/2 BPSK	1	1	15.53	15.66	15.53	16.2
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	15.61	15.61	15.55	16.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	15.54	15.69	15.52	16.2
Channel				515000	516000	522600	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	15.51	15.63	15.53	16.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.94	16.02	15.93	16.7
100		1	137	15.37	15.5	15.46	16.7
100		1	271	15.75	15.82	15.79	16.7
100	PI/2 BPSK	135	0	15.69	15.85	15.78	16.7
100		135	69	15.71	15.87	15.74	16.7
100		135	138	15.82	15.81	15.81	16.7
100		270	0	15.68	15.87	15.68	16.7
100		1	1	15.33	15.69	15.54	16.7
100		1	137	15.61	15.87	15.68	16.7
100		1	271	15.72	15.93	15.73	16.7
100	QPSK	135	0	15.54	15.77	15.58	16.7
100		135	69	15.59	15.75	15.6	16.7
100		135	138	15.71	15.89	15.69	16.7
100		270	0	15.57	15.74	15.54	16.7
100	16QAM	1	1	15.68	15.94	15.83	16.7
100	64QAM	1	1	15.73	15.94	15.73	16.7
100	256QAM	1	1	15.52	15.74	15.54	16.7
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	15.83	15.88	15.81	16.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.88	15.92	15.85	16.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.8	15.97	15.86	16.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	15.85	15.92	15.87	16.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.8	16.01	15.85	16.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.83	15.99	15.79	16.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.86	16.01	15.91	16.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.86	15.94	15.82	16.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.88	15.93	15.79	16.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.78	15.96	15.79	16.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.79	15.94	15.79	16.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.67	15.87	15.79	16.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.79	15.94	15.77	16.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.87	19.03	16.92	19.7
100		1	137	16.72	19.18	16.81	19.7
100		1	271	16.8	19.98	16.77	19.7
100	PI/2 BPSK	135	0	16.68	19.86	16.73	19.7
100		135	69	16.63	19.91	16.75	19.7
100		135	138	16.45	19.7	16.57	19.7
100		270	0	16.62	19	16.77	19.7
100		1	1	16.51	19.76	16.59	19.7
100		1	137	16.52	19.71	16.58	19.7
100		1	271	16.5	19.73	16.46	19.7
100	QPSK	135	0	16.5	19.8	16.58	19.7
100		135	69	16.55	19.85	16.71	19.7
100		135	138	16.49	19.79	16.64	19.7
100		270	0	16.66	19.55	16.67	19.7
100	16QAM	1	1	16.71	19.9	16.75	19.7
100	64QAM	1	1	16.41	19.89	16.48	19.7
100	256QAM	1	1	16.63	19.89	16.67	19.7
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.63	19.98	16.67	19.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.75	19.88	16.88	19.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.66	19.9	16.84	19.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	16.62	19.01	16.76	19.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.65	19.92	16.85	19.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.76	19.9	16.9	19.7
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.73	19.9	16.82	19.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.91	19.92	16.87	19.7
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.76	19.89	16.86	19.7
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.84	19.93	16.83	19.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.73	19	16.84	19.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.65	19.96	16.83	19.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.82	19.9	16.8	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	20.38	20.59	20.47	21.7
40		1	53	20.2	20.55	20.36	21.7
40		1	104	20.21	20.52	20.26	21.7
40	PI/2 BPSK	50	0	20.13	20.42	20.16	21.7
40		50	28	20.14	20.42	20.29	21.7
40		50	56	20.22	20.45	20.24	21.7
40		100	0	20.2	20.52	20.27	21.7
40		1	1	20.18	20.43	20.17	21.7
40		1	53	20.15	20.46	20.25	21.7
40		1	104	20.12	20.45	20.26	21.7
40	QPSK	50	0	20.33	20.62	20.46	21.7
40		50	28	20.18	20.48	20.33	21.7
40		50	56	20.38	20.63	20.42	21.7
40		100	0	20.11	20.42	20.26	21.7
40	16QAM	1	1	20.3	20.63	20.43	21.7
40	64QAM	1	1	19.21	19.48	19.34	20.7
40	256QAM	1	1	17.74	17.6	17.86	18.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2590	2615	
20	PI/2 BPSK	1	1	20.24	20.49	20.43	21.7
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2590	2607.5	
20	PI/2 BPSK	1	1	20.3	20.58	20.33	21.7
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2610	
20	PI/2 BPSK	1	1	20.24	20.5	20.4	21.7
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2612.5	
15	PI/2 BPSK	1	1	20.33	20.44	20.36	21.7
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2610	
10	PI/2 BPSK	1	1	20.29	20.47	20.42	21.7

<FR1 n41_Ant6_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.89	20.16	19.83	20.5
100		1	137	19.7	20.07	19.73	20.5
100		1	271	19.72	20.1	19.65	20.5
100	PI/2 BPSK	135	0	19.58	19.98	19.59	20.5
100		135	69	19.72	20.11	19.74	20.5
100		135	138	19.66	19.95	19.67	20.5
100		270	0	19.53	19.98	19.61	20.5
100		1	1	19.52	19.98	19.59	20.5
100		1	137	19.52	20.01	19.63	20.5
100		1	271	19.65	20.02	19.67	20.5
100	QPSK	135	0	19.65	20.14	19.7	20.5
100		135	69	19.69	20.11	19.71	20.5
100		135	138	19.7	20.09	19.71	20.5
100		270	0	19.71	20.15	19.78	20.5
100	16QAM	1	1	19.6	20.09	19.64	20.5
100	64QAM	1	1	19.08	19.46	19.05	20.5
100	256QAM	1	1	18.74	20.16	18.77	20.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.69	20.05	19.72	20.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	20.12	19.77	20.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.8	20.09	19.81	20.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	20.13	19.73	20.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.76	20.13	19.75	20.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.67	20.04	19.8	20.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.76	20.05	19.77	20.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.72	20.1	19.79	20.5
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.74	20.03	19.79	20.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.74	20.05	19.81	20.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.78	20.14	19.79	20.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	20.12	19.81	20.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.73	20.03	19.76	20.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.81	23.14	22.9	23.5
100		1	137	22.65	22.97	22.65	23.5
100		1	271	22.7	23.11	22.83	23.5
100	PI/2 BPSK	135	0	22.62	23.06	22.77	23.5
100		135	69	22.72	23.14	22.79	23.5
100		135	138	22.66	23.03	22.74	23.5
100		270	0	22.7	23.05	22.67	23.5
100		1	1	22.69	23.12	22.83	23.5
100		1	137	22.61	22.98	22.64	23.5
100		1	271	22.78	23.15	22.76	23.5
100	QPSK	135	0	22.68	23.02	22.77	23.5
100		135	69	22.59	23.05	22.67	23.5
100		135	138	22.79	23.15	22.77	23.5
100		270	0	22.51	22.94	22.69	23.5
100	16QAM	1	1	22.8	23.16	22.8	23.5
100	64QAM	1	1	21.75	22.2	21.94	22.7
100	256QAM	1	1	19.84	20.15	19.83	20.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.78	23.11	22.85	23.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.79	23.03	22.86	23.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.7	23.07	22.85	23.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.72	23.06	22.76	23.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.75	23.04	22.85	23.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.73	23.04	22.77	23.5
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.77	23.02	22.76	23.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.67	23.01	22.84	23.5
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.71	23.01	22.8	23.5
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.72	23.04	22.82	23.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.73	23.05	22.83	23.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.7	23.06	22.85	23.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.68	23.02	22.88	23.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	17.63	17.83	17.97	18.2
40		1	53	17.58	17.81	17.79	18.2
40		1	104	17.73	17.93	17.9	18.2
40	PI/2 BPSK	50	0	17.75	17.87	17.96	18.2
40		50	28	17.7	17.9	17.89	18.2
40		50	56	17.67	17.9	17.93	18.2
40		100	0	17.76	17.96	18	18.2
40		1	1	17.59	17.82	17.95	18.2
40		1	53	17.72	17.95	17.92	18.2
40		1	104	17.62	17.89	17.94	18.2
40	QPSK	50	0	17.6	17.79	17.75	18.2
40		50	28	17.64	17.86	17.88	18.2
40		50	56	17.69	17.9	17.79	18.2
40		100	0	17.6	17.85	17.85	18.2
40	16QAM	1	1	17.81	17.95	17.95	18.2
40	64QAM	1	1	17.62	17.87	17.92	18.2
40	256QAM	1	1	16.15	16.28	16.24	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	17.71	17.88	17.85	18.2
Channel				510500	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2590	2597.5	
25	PI/2 BPSK	1	1	17.74	17.88	17.83	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	17.81	17.8	17.86	18.2
Channel				510250	516000	522250	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	17.72	17.83	17.92	18.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	17.71	17.88	17.94	18.2

<FR1 n41_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.94	17.32	17.14	18
100		1	137	16.84	17.3	16.94	18
100	PI/2 BPSK	1	271	16.73	17.39	16.93	18
100		135	0	16.73	17.44	16.89	18
100		135	69	16.67	17.52	17.07	18
100		135	138	16.78	17.5	16.99	18
100		270	0	16.66	17.49	17.03	18
100		1	1	16.71	17.38	16.91	18
100		1	137	16.75	17.43	16.93	18
100		1	271	16.73	17.45	16.99	18
100	QPSK	135	0	16.69	17.37	16.85	18
100		135	69	16.69	17.44	16.98	18
100		135	138	16.79	17.53	17	18
100		270	0	16.64	17.5	17	18
100	16QAM	1	1	16.65	17.38	16.91	18
100	64QAM	1	1	16.7	17.44	16.99	18
100	256QAM	1	1	15.68	16.38	15.93	17
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.88	17.49	17.12	18
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.8	17.47	17.01	18
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.82	17.49	17.05	18
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	16.84	17.41	16.99	18
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.8	17.48	17.06	18
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.88	17.41	17.12	18
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.84	17.52	17.1	18
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	17.43	17.13	18
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.8	17.54	17.04	18
Channel				501702	518598	535302	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.86	17.41	17.01	18
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	16.86	17.46	17.08	18
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.87	17.46	17.04	18
Channel				500502	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.89	17.46	17.08	18

<FR1 n41_HPUE_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.52	20.7	20.45	21
100		1	137	20.08	20.36	20.01	21
100		1	271	20.14	20.46	20.19	21
100	PI/2 BPSK	135	0	20.25	20.55	20.26	21
100		135	69	20.36	20.58	20.3	21
100		135	138	20.27	20.54	20.22	21
100		270	0	20.06	20.33	19.98	21
100		1	1	20.19	20.48	20.12	21
100		1	137	20.18	20.47	20.13	21
100		1	271	20.2	20.41	20.1	21
100	QPSK	135	0	20.17	20.45	20.06	21
100		135	69	20.25	20.58	20.26	21
100		135	138	20.31	20.62	20.29	21
100		270	0	19.98	20.33	19.91	21
100	16QAM	1	1	20.26	20.57	20.19	21
100	64QAM	1	1	20.4	20.7	20.41	21
100	256QAM	1	1	19.24	19.55	19.3	20
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.49	20.58	20.3	21
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.36	20.68	20.31	21
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.46	20.67	20.42	21
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.48	20.65	20.35	21
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.42	20.6	20.37	21
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.45	20.58	20.34	21
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.47	20.68	20.32	21
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.44	20.58	20.41	21
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.48	20.6	20.34	21
Channel				501702	518598	535302	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.5	20.58	20.35	21
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	20.43	20.56	20.31	21
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.38	20.66	20.41	21
Channel				500502	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.49	20.63	20.43	21

<FR1 n71_Ant0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		25.11		25.7
35		1	90		25.04		25.7
35		1	186		24.96		25.7
35	PI/2 BPSK	90	0		24.62		25.2
35		90	45		24.92		25.7
35		90	90		24.54		25.2
35		180	0		24.47		25.2
35		1	1		25.01		25.7
35		1	90		25.04		25.7
35		1	186		24.82		25.7
35	QPSK	90	0		24.06		24.7
35		90	45		24.92		25.7
35		90	90		24.06		24.7
35		180	0		24.12		24.7
35	16QAM	1	1		24.04		24.7
35	64QAM	1	1		22.56		23.2
35	256QAM	1	1		20.52		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.98	25.01	24.96	25.7
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.85	24.89	24.82	25.7
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.96	24.89	24.93	25.7
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.84	24.92	24.91	25.7
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.9	24.92	24.94	25.7
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.94	24.98	24.91	25.7

<FR1 n71_Ant1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		25.31		25.7
35		1	90		25.24		25.7
35		1	186		25.2		25.7
35	PI/2 BPSK	90	0		24.82		25.2
35		90	45		25.26		25.7
35		90	90		24.85		25.2
35		180	0		24.81		25.2
35		1	1		25.22		25.7
35		1	90		25.18		25.7
35		1	186		25.28		25.7
35	QPSK	90	0		24.39		24.7
35		90	45		25.21		25.7
35		90	90		24.35		24.7
35		180	0		24.32		24.7
35	16QAM	1	1		24.36		24.7
35	64QAM	1	1		22.87		23.2
35	256QAM	1	1		20.78		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	25.16	25.23	25.19	25.7
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	25.14	25.15	25.07	25.7
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	25.04	25.1	25.06	25.7
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	25.09	25.17	25.12	25.7
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	25.08	25.19	25.13	25.7
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	25.03	25.13	25.05	25.7

<FR1 n71_Ant0_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		25.11		25.7
35		1	90		25.04		25.7
35		1	186		24.96		25.7
35	PI/2 BPSK	90	0		24.62		25.2
35		90	45		24.92		25.7
35		90	90		24.54		25.2
35		180	0		24.47		25.2
35		1	1		25.01		25.7
35		1	90		25.04		25.7
35		1	186		24.82		25.7
35	QPSK	90	0		24.06		24.7
35		90	45		24.92		25.7
35		90	90		24.06		24.7
35		180	0		24.12		24.7
35	16QAM	1	1		24.04		24.7
35	64QAM	1	1		22.56		23.2
35	256QAM	1	1		20.52		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.98	25.01	24.96	25.7
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.85	24.89	24.82	25.7
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.96	24.89	24.93	25.7
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.84	24.92	24.91	25.7
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.9	24.92	24.94	25.7
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.94	24.98	24.91	25.7

<FR1 n71_Ant1_DSI1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.83		24.2
35		1	90		23.67		24.2
35		1	186		23.69		24.2
35	PI/2 BPSK	90	0		23.51		24.2
35		90	45		23.82		24.2
35		90	90		23.51		24.2
35		180	0		23.59		24.2
35		1	1		23.56		24.2
35		1	90		23.51		24.2
35		1	186		23.53		24.2
35	QPSK	90	0		23.5		24.2
35		90	45		23.56		24.2
35		90	90		23.59		24.2
35		180	0		23.74		24.2
35	16QAM	1	1		23.57		24.2
35	64QAM	1	1		22.87		23.2
35	256QAM	1	1		20.78		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.72	23.78	23.69	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.62	23.72	23.66	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.62	23.68	23.59	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.7	23.56	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.67	23.77	23.68	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.66	23.71	23.61	24.2

<FR1 n71_Ant0_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.57		24.2
35		1	90		23.49		24.2
35		1	186		23.42		24.2
35	PI/2 BPSK	90	0		23.47		24.2
35		90	45		23.48		24.2
35		90	90		23.42		24.2
35		180	0		23.29		24.2
35		1	1		23.34		24.2
35		1	90		23.35		24.2
35		1	186		23.27		24.2
35	QPSK	90	0		23.38		24.2
35		90	45		23.33		24.2
35		90	90		23.33		24.2
35		180	0		23.44		24.2
35	16QAM	1	1		23.33		24.2
35	64QAM	1	1		22.56		23.2
35	256QAM	1	1		20.52		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.41	23.49	23.45	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.34	23.4	23.36	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.34	23.34	23.42	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.4	23.41	23.34	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.35	23.34	23.39	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.35	23.37	23.35	24.2

<FR1 n71_Ant1_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.83		24.2
35		1	90		23.67		24.2
35		1	186		23.69		24.2
35	PI/2 BPSK	90	0		23.51		24.2
35		90	45		23.82		24.2
35		90	90		23.51		24.2
35		180	0		23.59		24.2
35		1	1		23.56		24.2
35		1	90		23.51		24.2
35		1	186		23.53		24.2
35	QPSK	90	0		23.5		24.2
35		90	45		23.56		24.2
35		90	90		23.59		24.2
35		180	0		23.74		24.2
35	16QAM	1	1		23.57		24.2
35	64QAM	1	1		22.87		23.2
35	256QAM	1	1		20.78		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.72	23.78	23.69	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.62	23.72	23.66	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.62	23.68	23.59	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.7	23.56	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.67	23.77	23.68	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.66	23.71	23.61	24.2

<FR1 n71_Ant0_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		25.11		25.7
35		1	90		25.04		25.7
35		1	186		24.96		25.7
35	PI/2 BPSK	90	0		24.62		25.2
35		90	45		24.92		25.7
35		90	90		24.54		25.2
35		180	0		24.47		25.2
35		1	1		25.01		25.7
35		1	90		25.04		25.7
35		1	186		24.82		25.7
35	QPSK	90	0		24.06		24.7
35		90	45		24.92		25.7
35		90	90		24.06		24.7
35		180	0		24.12		24.7
35	16QAM	1	1		24.04		24.7
35	64QAM	1	1		22.56		23.2
35	256QAM	1	1		20.52		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.98	25.01	24.96	25.7
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.85	24.89	24.82	25.7
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.96	24.89	24.93	25.7
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.84	24.92	24.91	25.7
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.9	24.92	24.94	25.7
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.94	24.98	24.91	25.7

<FR1 n71_Ant1_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.83		24.2
35		1	90		23.67		24.2
35		1	186		23.69		24.2
35	PI/2 BPSK	90	0		23.51		24.2
35		90	45		23.82		24.2
35		90	90		23.51		24.2
35		180	0		23.59		24.2
35		1	1		23.56		24.2
35		1	90		23.51		24.2
35		1	186		23.53		24.2
35	QPSK	90	0		23.5		24.2
35		90	45		23.56		24.2
35		90	90		23.59		24.2
35		180	0		23.74		24.2
35	16QAM	1	1		23.57		24.2
35	64QAM	1	1		22.87		23.2
35	256QAM	1	1		20.78		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.72	23.78	23.69	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.62	23.72	23.66	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.62	23.68	23.59	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.7	23.56	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.67	23.77	23.68	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.66	23.71	23.61	24.2

<FR1 n71_Ant0_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.57		24.2
35		1	90		23.49		24.2
35		1	186		23.42		24.2
35	PI/2 BPSK	90	0		23.47		24.2
35		90	45		23.48		24.2
35		90	90		23.42		24.2
35		180	0		23.29		24.2
35		1	1		23.34		24.2
35		1	90		23.35		24.2
35		1	186		23.27		24.2
35	QPSK	90	0		23.38		24.2
35		90	45		23.33		24.2
35		90	90		23.33		24.2
35		180	0		23.44		24.2
35	16QAM	1	1		23.33		24.2
35	64QAM	1	1		22.56		23.2
35	256QAM	1	1		20.52		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.41	23.49	23.45	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.34	23.4	23.36	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.34	23.34	23.42	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.4	23.41	23.34	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.35	23.34	23.39	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.35	23.37	23.35	24.2

<FR1 n71_Ant1_DSI5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.83		24.2
35		1	90		23.67		24.2
35		1	186		23.69		24.2
35	PI/2 BPSK	90	0		23.51		24.2
35		90	45		23.82		24.2
35		90	90		23.51		24.2
35		180	0		23.59		24.2
35		1	1		23.56		24.2
35		1	90		23.51		24.2
35		1	186		23.53		24.2
35	QPSK	90	0		23.5		24.2
35		90	45		23.56		24.2
35		90	90		23.59		24.2
35		180	0		23.74		24.2
35	16QAM	1	1		23.57		24.2
35	64QAM	1	1		22.87		23.2
35	256QAM	1	1		20.78		21.2
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.72	23.78	23.69	24.2
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.62	23.72	23.66	24.2
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.62	23.68	23.59	24.2
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.58	23.7	23.56	24.2
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.67	23.77	23.68	24.2
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.66	23.71	23.61	24.2

ENDC Power

<LTE Band 41_Ant4_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.44	22.65	22.73	22.35	22.54	23.2
20		1	49	22.23	22.44	22.58	22.06	22.35	23.2
20		1	99	22	22.21	22.41	22.02	22.09	23.2
20		50	0	21.13	21.33	21.47	21.01	21.21	22.2
20		50	24	21.08	21.32	21.45	21.08	21.15	22.2
20		50	50	21.05	21.27	21.43	20.96	21.13	22.2
20		100	0	21.08	21.28	21.43	20.93	21.2	22.2
20	16QAM	1	0	21.2	21.51	21.61	21.23	21.37	22.2
20		1	49	21.2	21.38	21.55	21.12	21.33	22.2
20		1	99	21.19	21.36	21.56	21.05	21.27	22.2
20		50	0	20.07	20.32	20.42	20.04	20.2	21.2
20		50	24	20.07	20.29	20.48	20.03	20.24	21.2
20		50	50	20.08	20.26	20.46	20.1	20.18	21.2
20		100	0	20.08	20.24	20.36	19.9	20.18	21.2
20	64QAM	1	0	20.32	20.54	20.66	20.27	20.39	21.2
20		1	49	20.35	20.63	20.72	20.24	20.42	21.2
20		1	99	20.26	20.41	20.58	20.15	20.3	21.2
20		50	0	19.08	19.25	19.43	19.06	19.24	20.2
20		50	24	19.15	19.35	19.44	19.07	19.15	20.2
20		50	50	19.12	19.41	19.49	19.03	19.3	20.2
20		100	0	19.16	19.31	19.46	19.06	19.28	20.2
20	256QAM	1	0	17.22	17.41	17.55	17.14	17.38	18.2
20		1	49	17.43	17.56	17.71	17.35	17.5	18.2
20		1	99	17.32	17.4	17.56	17.14	17.36	18.2
20		50	0	17.11	17.38	17.46	17.03	17.27	18.2
20		50	24	17.18	17.21	17.41	17.03	17.16	18.2
20		50	50	17.23	17.33	17.5	17.1	17.23	18.2
20		100	0	17.14	17.36	17.46	17.06	17.29	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.39	22.57	22.62	22.21	22.47	23.2
15		1	37	22.1	22.35	22.52	21.96	22.22	23.2
15		1	74	21.85	22.08	22.26	21.88	22.05	23.2
15		36	0	21.09	21.24	21.39	20.99	21.19	22.2
15		36	20	20.93	21.28	21.41	21.04	21.02	22.2
15		36	39	20.93	21.23	21.28	20.85	21.01	22.2
15		75	0	20.94	21.16	21.37	20.89	21.18	22.2
15	16QAM	1	0	21.07	21.49	21.49	21.09	21.28	22.2
15		1	37	21.15	21.26	21.51	21.06	21.32	22.2
15		1	74	21.13	21.34	21.42	20.93	21.15	22.2
15		36	0	19.99	20.24	20.37	19.92	20.18	21.2
15		36	20	19.94	20.18	20.43	19.97	20.22	21.2
15		36	39	20.03	20.19	20.38	20.07	20.13	21.2
15		75	0	19.95	20.11	20.35	19.85	20.04	21.2
15	64QAM	1	0	20.25	20.49	20.62	20.2	20.28	21.2
15		1	37	20.26	20.56	20.61	20.15	20.39	21.2
15		1	74	20.22	20.32	20.53	20.11	20.25	21.2
15		36	0	18.99	19.18	19.3	19.04	19.17	20.2
15		36	20	19.03	19.23	19.4	19.04	19.12	20.2
15		36	39	19.03	19.28	19.36	18.95	19.23	20.2
15		75	0	19.13	19.18	19.44	18.99	19.17	20.2
15	256QAM	1	0	17.07	17.37	17.44	17.05	17.29	18.2
15		1	37	17.4	17.49	17.61	17.22	17.41	18.2
15		1	74	17.19	17.29	17.47	17.08	17.29	18.2
15		36	0	16.96	17.37	17.32	16.91	17.25	18.2
15		36	20	17.11	17.07	17.29	16.99	17.06	18.2
15		36	39	17.09	17.3	17.37	17.07	17.22	18.2
15		75	0	17.1	17.23	17.43	17.01	17.18	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.42	22.57	22.63	22.34	22.44	23.2
10		1	25	22.14	22.34	22.49	21.93	22.29	23.2
10		1	49	21.95	22.2	22.35	22	22.07	23.2
10		25	0	21.07	21.31	21.36	20.94	21.2	22.2
10		25	12	20.98	21.29	21.37	20.97	21.13	22.2
10		25	25	20.94	21.18	21.36	20.88	21.07	22.2
10		50	0	20.99	21.18	21.39	20.8	21.11	22.2
10	16QAM	1	0	21.13	21.41	21.58	21.13	21.33	22.2
10		1	25	21.13	21.32	21.47	21.03	21.29	22.2
10		1	49	21.16	21.29	21.53	20.93	21.13	22.2
10		25	0	20.02	20.18	20.39	19.98	20.16	21.2
10		25	12	19.98	20.14	20.47	19.93	20.2	21.2
10		25	25	20	20.12	20.32	20.07	20.13	21.2
10		50	0	20.05	20.12	20.26	19.77	20.14	21.2
10	64QAM	1	0	20.3	20.45	20.63	20.26	20.28	21.2
10		1	25	20.31	20.57	20.59	20.16	20.34	21.2
10		1	49	20.23	20.35	20.56	20.13	20.24	21.2
10		25	0	18.95	19.16	19.39	18.96	19.17	20.2
10		25	12	19.11	19.31	19.29	18.97	19.07	20.2
10		25	25	19.02	19.38	19.37	18.96	19.15	20.2
10		50	0	19.08	19.24	19.34	18.96	19.26	20.2
10	256QAM	1	0	17.11	17.39	17.41	17.02	17.26	18.2
10		1	25	17.31	17.41	17.68	17.28	17.45	18.2
10		1	49	17.18	17.28	17.42	17.03	17.24	18.2
10		25	0	17.06	17.3	17.34	16.89	17.17	18.2
10		25	12	17.14	17.13	17.26	16.92	17.1	18.2
10		25	25	17.22	17.32	17.49	17.09	17.21	18.2
10		50	0	17.08	17.32	17.38	17	17.2	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.3	22.52	22.68	22.32	22.48	23.2
5		1	12	22.14	22.42	22.48	22.04	22.22	23.2
5		1	24	21.91	22.1	22.38	22	21.95	23.2
5		12	0	21.01	21.27	21.29	20.95	21.14	22.2
5		12	7	21.05	21.26	21.44	21.06	21.04	22.2
5		12	13	20.96	21.16	21.41	20.83	21.11	22.2
5		25	0	20.97	21.25	21.34	20.84	21.18	22.2
5	16QAM	1	0	21.19	21.47	21.47	21.11	21.29	22.2
5		1	12	21.18	21.28	21.48	21.06	21.19	22.2
5		1	24	21.13	21.3	21.44	20.9	21.14	22.2
5		12	0	20.04	20.23	20.36	19.9	20.1	21.2
5		12	7	19.96	20.18	20.4	19.94	20.18	21.2
5		12	13	20.04	20.18	20.4	19.99	20.06	21.2
5		25	0	20.04	20.13	20.34	19.84	20.1	21.2
5	64QAM	1	0	20.29	20.42	20.6	20.21	20.36	21.2
5		1	12	20.22	20.57	20.67	20.18	20.37	21.2
5		1	24	20.21	20.32	20.46	20.09	20.17	21.2
5		12	0	19	19.11	19.4	19.03	19.19	20.2
5		12	7	19.02	19.34	19.33	18.99	19.04	20.2
5		12	13	19.08	19.36	19.34	18.96	19.21	20.2
5		25	0	19.08	19.17	19.36	18.94	19.16	20.2
5	256QAM	1	0	17.08	17.33	17.48	17.02	17.36	18.2
5		1	12	17.36	17.43	17.6	17.31	17.47	18.2
5		1	24	17.3	17.31	17.49	17.04	17.29	18.2
5		12	0	17.08	17.25	17.42	16.88	17.16	18.2
5		12	7	17.13	17.18	17.28	16.96	17.03	18.2
5		12	13	17.13	17.27	17.44	17.03	17.13	18.2
5		25	0	17.03	17.22	17.44	16.97	17.22	18.2

<LTE Band 41_Ant5_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.21	22.01	22.08	21.95	22.02	23.2
20		1	49	20.73	21.52	21.66	21.46	21.56	23.2
20		1	99	20.79	21.58	21.72	21.52	21.62	23.2
20		50	0	20.25	20.91	21.17	20.9	20.99	22.2
20		50	24	20.25	20.93	21.12	20.93	20.93	22.2
20		50	50	20.3	20.97	21.15	20.96	20.99	22.2
20		100	0	20.24	20.91	21.1	20.84	20.96	22.2
20	16QAM	1	0	20.24	21.05	21.22	21.05	21.07	22.2
20		1	49	20.38	21.16	21.28	21.1	21.15	22.2
20		1	99	20.2	20.91	21.07	20.84	20.96	22.2
20		50	0	19.16	19.84	20.02	19.8	19.92	21.2
20		50	24	19.11	19.94	20.02	19.88	19.88	21.2
20		50	50	19.13	19.8	19.98	19.73	19.87	21.2
20		100	0	19.2	19.8	19.93	19.76	19.82	21.2
20	64QAM	1	0	19.04	19.82	19.95	19.79	19.88	21.2
20		1	49	19.05	19.74	19.94	19.7	19.82	21.2
20		1	99	18.93	19.67	19.77	19.55	19.67	21.2
20		50	0	18.19	18.88	18.99	18.8	18.85	20.2
20		50	24	18.12	18.87	18.96	18.81	18.85	20.2
20		50	50	18.09	18.89	18.99	18.85	18.85	20.2
20		100	0	18.21	18.83	19.03	18.8	18.96	20.2
20	256QAM	1	0	16.18	16.81	16.98	16.77	16.9	18.2
20		1	49	16.31	16.9	16.99	16.85	16.92	18.2
20		1	99	16.13	16.71	16.89	16.67	16.79	18.2
20		50	0	16.19	16.7	16.88	16.73	16.71	18.2
20		50	24	16.2	16.79	16.96	16.79	16.78	18.2
20		50	50	16.13	16.77	16.92	16.77	16.81	18.2
20		100	0	16.22	16.69	16.84	16.62	16.77	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.15	21.92	22.05	21.83	21.95	23.2
15		1	37	20.65	21.49	21.61	21.36	21.43	23.2
15		1	74	20.78	21.48	21.61	21.46	21.56	23.2
15		36	0	20.17	20.88	21.07	20.76	20.88	22.2
15		36	20	20.14	20.84	21.1	20.82	20.79	22.2
15		36	39	20.21	20.85	21.14	20.94	20.93	22.2
15		75	0	20.12	20.85	21.09	20.74	20.91	22.2
15	16QAM	1	0	20.1	20.94	21.08	20.94	20.97	22.2
15		1	37	20.29	21.06	21.17	21.02	21.14	22.2
15		1	74	20.18	20.88	21.05	20.76	20.85	22.2
15		36	0	19.07	19.82	19.9	19.73	19.84	21.2
15		36	20	19.1	19.87	19.92	19.75	19.76	21.2
15		36	39	19.12	19.67	19.96	19.67	19.85	21.2
15		75	0	19.17	19.69	19.9	19.68	19.76	21.2
15	64QAM	1	0	18.93	19.81	19.9	19.73	19.83	21.2
15		1	37	19.22	19.69	19.93	19.68	19.68	21.2
15		1	74	18.82	19.61	19.73	19.45	19.58	21.2
15		36	0	18.17	18.76	18.91	18.7	18.73	20.2
15		36	20	17.99	18.84	18.82	18.69	18.74	20.2
15		36	39	18.06	18.77	18.93	18.76	18.73	20.2
15		75	0	18.07	18.77	18.89	18.79	18.86	20.2
15	256QAM	1	0	16.12	16.71	16.97	16.71	16.77	18.2
15		1	37	16.17	16.79	16.89	16.77	16.89	18.2
15		1	74	16.02	16.64	16.83	16.6	16.71	18.2
15		36	0	16.14	16.64	16.86	16.58	16.66	18.2
15		36	20	16.13	16.77	16.88	16.75	16.65	18.2
15		36	39	16.09	16.73	16.81	16.64	16.73	18.2
15		75	0	16.09	16.58	16.78	16.51	16.62	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.15	21.89	21.96	21.8	21.96	23.2
10		1	25	20.67	21.51	21.64	21.39	21.45	23.2
10		1	49	20.7	21.48	21.59	21.37	21.53	23.2
10		25	0	20.13	20.83	21.08	20.86	20.9	22.2
10		25	12	20.23	20.8	21.03	20.85	20.82	22.2
10		25	25	20.22	20.9	21.05	20.92	20.93	22.2
10		50	0	20.17	20.84	20.95	20.78	20.84	22.2
10	16QAM	1	0	20.19	20.97	21.19	21.01	21.02	22.2
10		1	25	20.33	21.1	21.19	21.08	21.14	22.2
10		1	49	20.13	20.84	20.96	20.77	20.89	22.2
10		25	0	19.13	19.81	20	19.71	19.9	21.2
10		25	12	19.06	19.84	19.92	19.75	19.83	21.2
10		25	25	19	19.7	19.95	19.6	19.86	21.2
10		50	0	19.1	19.65	19.82	19.74	19.71	21.2
10	64QAM	1	0	18.95	19.77	19.9	19.76	19.75	21.2
10		1	25	18.96	19.71	19.86	19.55	19.76	21.2
10		1	49	18.85	19.54	19.74	19.45	19.58	21.2
10		25	0	18.06	18.82	18.89	18.68	18.77	20.2
10		25	12	17.97	18.76	18.86	18.76	18.79	20.2
10		25	25	17.96	18.74	18.86	18.75	18.83	20.2
10		50	0	18.17	18.69	18.95	18.71	18.94	20.2
10	256QAM	1	0	16.04	16.71	16.94	16.66	16.87	18.2
10		1	25	16.25	16.79	16.86	16.81	16.87	18.2
10		1	49	16.05	16.56	16.87	16.58	16.72	18.2
10		25	0	16.13	16.65	16.86	16.71	16.66	18.2
10		25	12	16.11	16.65	16.91	16.75	16.74	18.2
10		25	25	16	16.75	16.9	16.67	16.79	18.2
10		50	0	16.11	16.63	16.83	16.49	16.74	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.12	21.87	22.03	21.85	21.93	23.2
5		1	12	20.58	21.47	21.52	21.42	21.51	23.2
5		1	24	20.72	21.51	21.71	21.42	21.61	23.2
5		12	0	20.12	20.77	21.05	20.78	20.87	22.2
5		12	7	20.21	20.78	21.05	20.8	20.78	22.2
5		12	13	20.25	20.87	21.07	20.87	20.93	22.2
5		25	0	20.21	20.77	20.97	20.76	20.87	22.2
5	16QAM	1	0	20.21	20.95	21.2	20.97	21.03	22.2
5		1	12	20.24	21.03	21.15	21.01	21.05	22.2
5		1	24	20.07	20.88	20.96	20.7	20.82	22.2
5		12	0	19.14	19.7	19.96	19.71	19.78	21.2
5		12	7	19.04	19.88	19.93	19.78	19.75	21.2
5		12	13	19.11	19.77	19.96	19.61	19.82	21.2
5		25	0	19.15	19.65	19.82	19.67	19.76	21.2
5	64QAM	1	0	18.99	19.77	19.84	19.73	19.77	21.2
5		1	12	18.92	19.63	19.86	19.66	19.8	21.2
5		1	24	18.87	19.58	19.66	19.44	19.55	21.2
5		12	0	18.08	18.87	18.92	18.7	18.83	20.2
5		12	7	18.11	18.84	18.83	18.68	18.77	20.2
5		12	13	18.06	18.78	18.84	18.83	18.78	20.2
5		25	0	18.13	18.69	18.98	18.69	18.94	20.2
5	256QAM	1	0	16.1	16.72	16.83	16.64	16.86	18.2
5		1	12	16.2	16.8	16.93	16.76	16.81	18.2
5		1	24	16.05	16.58	16.87	16.55	16.72	18.2
5		12	0	16.1	16.69	16.83	16.62	16.64	18.2
5		12	7	16.12	16.66	16.88	16.74	16.65	18.2
5		12	13	16.01	16.7	16.87	16.65	16.75	18.2
5		25	0	16.15	16.55	16.73	16.53	16.66	18.2

<LTE Band 41_Ant6_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.22	24.32	24.48	24.34	24.37	25
20		1	49	24.02	24.06	24.35	24.16	24.22	25
20		1	99	24.04	24.17	24.37	24.1	24.22	25
20		50	0	23.13	23.21	23.57	23.24	23.25	24
20		50	24	23.31	23.44	23.55	23.45	23.4	24
20		50	50	23.4	23.46	23.52	23.46	23.52	24
20		100	0	23.23	23.38	23.56	23.33	23.31	24
20	16QAM	1	0	23.48	23.59	23.82	23.55	23.7	24
20		1	49	23.32	23.46	23.69	23.52	23.5	24
20		1	99	23.36	23.51	23.72	23.53	23.51	24
20		50	0	22.42	22.53	22.74	22.54	22.59	23
20		50	24	22.41	22.5	22.76	22.6	22.52	23
20		50	50	22.36	22.55	22.75	22.59	22.56	23
20		100	0	22.32	22.4	22.63	22.41	22.47	23
20	64QAM	1	0	22	22.12	22.32	22.08	22.09	23
20		1	49	22.15	22.13	22.4	22.23	22.26	23
20		1	99	21.95	22.14	22.3	22.03	22.18	23
20		50	0	21.29	21.36	21.55	21.35	21.33	22
20		50	24	21.15	21.34	21.51	21.31	21.32	22
20		50	50	21.41	21.56	21.75	21.61	21.54	22
20		100	0	21.47	21.45	21.73	21.54	21.55	22
20	256QAM	1	0	19.34	19.31	19.56	19.36	19.43	20
20		1	49	19.59	19.69	19.88	19.62	19.78	20
20		1	99	19.34	19.45	19.61	19.41	19.4	20
20		50	0	19.58	19.65	19.82	19.65	19.65	20
20		50	24	19.56	19.59	19.79	19.63	19.68	20
20		50	50	19.65	19.72	19.89	19.72	19.73	20
20		100	0	19.52	19.59	19.85	19.64	19.69	20
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.17	24.18	24.36	24.23	24.33	25
15		1	37	23.92	23.97	24.31	24.07	24.1	25
15		1	74	23.92	24.12	24.28	24.08	24.09	25
15		36	0	23.07	23.12	23.44	23.16	23.11	24
15		36	20	23.2	23.33	23.56	23.41	23.33	24
15		36	39	23.26	23.43	23.62	23.34	23.46	24
15		75	0	23.15	23.31	23.52	23.25	23.18	24
15	16QAM	1	0	23.41	23.54	23.75	23.47	23.58	24
15		1	37	23.29	23.38	23.61	23.39	23.36	24
15		1	74	23.28	23.49	23.68	23.49	23.48	24
15		36	0	22.35	22.47	22.62	22.39	22.51	23
15		36	20	22.39	22.39	22.68	22.55	22.49	23
15		36	39	22.31	22.41	22.61	22.5	22.42	23
15		75	0	22.2	22.36	22.57	22.35	22.41	23
15	64QAM	1	0	21.9	22.04	22.27	22.02	22.02	23
15		1	37	22.03	22.08	22.28	22.08	22.17	23
15		1	74	21.8	22.13	22.2	21.92	22.17	23
15		36	0	21.18	21.33	21.48	21.34	21.31	22
15		36	20	21.05	21.28	21.38	21.28	21.28	22
15		36	39	21.3	21.5	21.67	21.49	21.51	22
15		75	0	21.4	21.37	21.67	21.52	21.52	22
15	256QAM	1	0	19.2	19.2	19.45	19.24	19.29	20
15		1	37	19.47	19.55	19.73	19.57	19.72	20
15		1	74	19.29	19.37	19.51	19.27	19.3	20
15		36	0	19.48	19.6	19.73	19.63	19.64	20
15		36	20	19.49	19.54	19.66	19.54	19.61	20
15		36	39	19.52	19.61	19.82	19.69	19.7	20
15		75	0	19.45	19.53	19.73	19.49	19.6	20
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.09	24.18	24.43	24.32	24.26	25
10		1	25	24.01	23.99	24.24	24.14	24.13	25
10		1	49	23.93	24.08	24.32	24.04	24.13	25
10		25	0	22.98	23.1	23.42	23.17	23.23	24
10		25	12	23.25	23.33	23.54	23.42	23.26	24
10		25	25	23.26	23.4	23.63	23.4	23.48	24
10		50	0	23.2	23.27	23.53	23.26	23.2	24
10	16QAM	1	0	23.41	23.45	23.71	23.46	23.67	24
10		1	25	23.24	23.44	23.55	23.41	23.4	24
10		1	49	23.35	23.5	23.62	23.43	23.41	24
10		25	0	22.36	22.47	22.64	22.44	22.46	23
10		25	12	22.26	22.45	22.68	22.48	22.38	23
10		25	25	22.32	22.43	22.74	22.48	22.51	23
10		50	0	22.2	22.3	22.56	22.28	22.32	23
10	64QAM	1	0	21.93	21.97	22.19	21.96	22.03	23
10		1	25	22.02	22.02	22.35	22.13	22.19	23
10		1	49	21.81	22.1	22.2	21.94	22.04	23
10		25	0	21.16	21.27	21.4	21.34	21.22	22
10		25	12	21.07	21.23	21.41	21.19	21.17	22
10		25	25	21.35	21.5	21.72	21.55	21.4	22
10		50	0	21.43	21.36	21.71	21.5	21.53	22
10	256QAM	1	0	19.29	19.23	19.5	19.34	19.37	20
10		1	25	19.46	19.57	19.77	19.58	19.68	20
10		1	49	19.32	19.35	19.59	19.31	19.3	20
10		25	0	19.48	19.55	19.71	19.56	19.5	20
10		25	12	19.42	19.57	19.66	19.58	19.58	20
10		25	25	19.57	19.6	19.76	19.67	19.68	20
10		50	0	19.5	19.54	19.72	19.53	19.55	20
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.14	24.25	24.43	24.31	24.33	25
5		1	12	23.89	24.01	24.21	24.1	24.17	25
5		1	24	24.02	24.08	24.3	24.07	24.18	25
5		12	0	23.06	23.15	23.37	23.22	23.19	24
5		12	7	23.28	23.33	23.5	23.38	23.27	24
5		12	13	23.29	23.44	23.66	23.33	23.56	24
5		25	0	23.13	23.35	23.53	23.28	23.29	24
5	16QAM	1	0	23.4	23.53	23.71	23.5	23.62	24
5		1	12	23.29	23.35	23.65	23.49	23.46	24
5		1	24	23.24	23.36	23.68	23.52	23.47	24
5		12	0	22.37	22.49	22.63	22.51	22.49	23
5		12	7	22.4	22.41	22.65	22.48	22.47	23
5		12	13	22.34	22.45	22.66	22.46	22.41	23
5		25	0	22.26	22.34	22.48	22.33	22.41	23
5	64QAM	1	0	21.88	22.07	22.29	22.03	21.97	23
5		1	12	22.02	22	22.27	22.16	22.2	23
5		1	24	21.88	22.05	22.18	21.98	22.03	23
5		12	0	21.19	21.24	21.44	21.23	21.29	22
5		12	7	21.03	21.23	21.41	21.22	21.3	22
5		12	13	21.36	21.52	21.7	21.56	21.51	22
5		25	0	21.45	21.4	21.61	21.4	21.51	22
5	256QAM	1	0	19.27	19.22	19.55	19.3	19.3	20
5		1	12	19.58	19.55	19.81	19.57	19.68	20
5		1	24	19.32	19.31	19.57	19.34	19.3	20
5		12	0	19.45	19.63	19.75	19.52	19.51	20
5		12	7	19.52	19.48	19.66	19.48	19.56	20
5		12	13	19.58	19.64	19.88	19.67	19.61	20
5		25	0	19.48	19.51	19.73	19.61	19.59	20

<LTE Band 41_Ant7_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.21	23.62	23.67	23.24	23.35	24.2
20		1	49	22.01	23.37	23.52	22.95	23.13	24.2
20		1	99	22.01	23.29	23.35	22.88	22.92	24.2
20		50	0	21.26	22.58	22.67	22.21	22.3	23.2
20		50	24	21.18	22.46	22.62	22.1	22.22	23.2
20		50	50	21.08	22.47	22.62	22.15	22.24	23.2
20		100	0	21.22	22.63	22.72	22.18	22.39	23.2
20	16QAM	1	0	21.24	22.67	22.8	22.33	22.46	23.2
20		1	49	21.26	22.51	22.67	22.21	22.27	23.2
20		1	99	21.1	22.43	22.53	22.07	22.12	23.2
20		50	0	20.17	21.57	21.63	21.12	21.29	22.2
20		50	24	20.25	21.48	21.6	21.15	21.29	22.2
20		50	50	20.15	21.45	21.63	21.1	21.31	22.2
20		100	0	20.27	21.63	21.69	21.15	21.28	22.2
20	64QAM	1	0	20.39	21.7	21.84	21.3	21.5	22.2
20		1	49	20.4	21.72	21.8	21.34	21.41	22.2
20		1	99	20.16	21.46	21.63	21.2	21.2	22.2
20		50	0	19.23	20.46	20.62	20.1	20.24	21.2
20		50	24	19.22	20.48	20.58	20.15	20.17	21.2
20		50	50	19.25	20.41	20.56	20.17	20.25	21.2
20		100	0	19.41	20.65	20.72	20.29	20.42	21.2
20	256QAM	1	0	17.43	18.55	18.63	18.15	18.23	19.2
20		1	49	17.55	18.63	18.73	18.29	18.46	19.2
20		1	99	17.49	18.56	18.69	18.3	18.35	19.2
20		50	0	17.48	18.6	18.74	18.27	18.35	19.2
20		50	24	17.42	18.5	18.66	18.19	18.36	19.2
20		50	50	17.37	18.59	18.65	18.17	18.32	19.2
20		100	0	17.3	18.46	18.59	18.22	18.2	19.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.07	23.55	23.58	23.2	23.28	24.2
15		1	37	22	23.34	23.4	22.86	23.1	24.2
15		1	74	22.01	23.27	23.25	22.79	22.88	24.2
15		36	0	21.21	22.49	22.59	22.08	22.21	23.2
15		36	20	21.05	22.43	22.51	22.03	22.07	23.2
15		36	39	21	22.41	22.59	22.08	22.18	23.2
15		75	0	21.2	22.61	22.66	22.15	22.33	23.2
15	16QAM	1	0	21.18	22.61	22.71	22.23	22.36	23.2
15		1	37	21.23	22.49	22.59	22.14	22.19	23.2
15		1	74	21.07	22.34	22.48	21.92	22.04	23.2
15		36	0	20.06	21.52	21.6	20.99	21.18	22.2
15		36	20	20.21	21.41	21.53	21.01	21.22	22.2
15		36	39	20.07	21.44	21.51	21.07	21.29	22.2
15		75	0	20.16	21.57	21.56	21	21.18	22.2
15	64QAM	1	0	20.34	21.59	21.72	21.29	21.49	22.2
15		1	37	20.35	21.68	21.68	21.32	21.26	22.2
15		1	74	20.07	21.36	21.52	21.16	21.17	22.2
15		36	0	19.16	20.39	20.52	20.01	20.21	21.2
15		36	20	19.17	20.41	20.5	20.11	20.03	21.2
15		36	39	19.15	20.29	20.41	20.07	20.15	21.2
15		75	0	19.29	20.55	20.66	20.17	20.31	21.2
15	256QAM	1	0	17.32	18.51	18.52	18	18.11	19.2
15		1	37	17.5	18.5	18.65	18.22	18.45	19.2
15		1	74	17.35	18.49	18.67	18.22	18.24	19.2
15		36	0	17.44	18.46	18.67	18.18	18.3	19.2
15		36	20	17.4	18.39	18.62	18.06	18.3	19.2
15		36	39	17.22	18.45	18.5	18.05	18.19	19.2
15		75	0	17.23	18.4	18.58	18.19	18.15	19.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.12	23.51	23.62	23.12	23.3	24.2
10		1	25	22	23.29	23.38	22.92	22.98	24.2
10		1	49	22	23.28	23.25	22.86	22.78	24.2
10		25	0	21.11	22.52	22.64	22.19	22.28	23.2
10		25	12	21.07	22.43	22.56	22	22.16	23.2
10		25	25	21.03	22.38	22.57	22.03	22.14	23.2
10		50	0	21.2	22.58	22.68	22.06	22.37	23.2
10	16QAM	1	0	21.22	22.57	22.66	22.26	22.44	23.2
10		1	25	21.15	22.48	22.66	22.16	22.18	23.2
10		1	49	21	22.38	22.39	22.05	22.11	23.2
10		25	0	20.03	21.53	21.56	21.04	21.26	22.2
10		25	12	20.17	21.43	21.55	21.12	21.19	22.2
10		25	25	20.06	21.36	21.62	21.04	21.2	22.2
10		50	0	20.22	21.54	21.68	21.03	21.24	22.2
10	64QAM	1	0	20.29	21.57	21.71	21.16	21.37	22.2
10		1	25	20.25	21.57	21.7	21.29	21.28	22.2
10		1	49	20.05	21.43	21.5	21.11	21.16	22.2
10		25	0	19.09	20.39	20.59	19.99	20.13	21.2
10		25	12	19.11	20.46	20.45	20.04	20.15	21.2
10		25	25	19.11	20.35	20.48	20.05	20.17	21.2
10		50	0	19.35	20.59	20.65	20.25	20.35	21.2
10	256QAM	1	0	17.38	18.4	18.57	18.14	18.12	19.2
10		1	25	17.46	18.59	18.7	18.19	18.36	19.2
10		1	49	17.47	18.45	18.65	18.22	18.29	19.2
10		25	0	17.38	18.57	18.61	18.16	18.22	19.2
10		25	12	17.3	18.43	18.52	18.13	18.27	19.2
10		25	25	17.33	18.5	18.63	18.06	18.2	19.2
10		50	0	17.2	18.36	18.57	18.16	18.11	19.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.18	23.57	23.6	23.14	23.25	24.2
5		1	12	22	23.36	23.5	22.93	23.08	24.2
5		1	24	22.01	23.18	23.25	22.81	22.87	24.2
5		12	0	21.24	22.55	22.61	22.07	22.21	23.2
5		12	7	21.11	22.4	22.59	22.04	22.18	23.2
5		12	13	21.03	22.39	22.49	22.04	22.14	23.2
5		25	0	21.11	22.51	22.57	22.13	22.37	23.2
5	16QAM	1	0	21.09	22.61	22.66	22.29	22.43	23.2
5		1	12	21.15	22.37	22.63	22.1	22.17	23.2
5		1	24	21.04	22.32	22.38	21.98	21.97	23.2
5		12	0	20.15	21.53	21.6	21.08	21.21	22.2
5		12	7	20.13	21.45	21.49	21.05	21.21	22.2
5		12	13	20.08	21.35	21.53	21	21.24	22.2
5		25	0	20.13	21.56	21.61	21.13	21.27	22.2
5	64QAM	1	0	20.33	21.63	21.71	21.19	21.41	22.2
5		1	12	20.35	21.71	21.69	21.25	21.34	22.2
5		1	24	20.08	21.43	21.52	21.11	21.07	22.2
5		12	0	19.09	20.32	20.47	20.04	20.16	21.2
5		12	7	19.16	20.35	20.5	20.09	20.1	21.2
5		12	13	19.23	20.32	20.52	20.1	20.13	21.2
5		25	0	19.4	20.62	20.7	20.17	20.36	21.2
5	256QAM	1	0	17.41	18.41	18.52	18.06	18.12	19.2
5		1	12	17.51	18.55	18.72	18.26	18.33	19.2
5		1	24	17.35	18.5	18.56	18.18	18.24	19.2
5		12	0	17.46	18.54	18.6	18.15	18.26	19.2
5		12	7	17.32	18.46	18.53	18.11	18.32	19.2
5		12	13	17.28	18.52	18.51	18.1	18.18	19.2
5		25	0	17.24	18.41	18.56	18.09	18.06	19.2

<LTE Band 41_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.28	18.17	18.47	18.32	18.14	19.2
20		1	49	18.09	17.92	18.31	18.07	17.97	19.2
20		1	99	17.89	17.81	18.19	17.93	17.8	19.2
20		50	0	18.04	18.02	18.35	18.18	17.87	19.2
20		50	24	17.94	17.9	18.25	17.97	17.86	19.2
20		50	50	17.85	17.84	18.17	17.89	17.75	19.2
20		100	0	18.15	18	18.39	18.14	18.04	19.2
20	16QAM	1	0	17.87	17.75	18.12	17.91	17.74	19.2
20		1	49	17.91	17.78	18.18	18.01	17.71	19.2
20		1	99	17.88	17.68	18.1	17.85	17.63	19.2
20		50	0	17.77	17.63	18	17.79	17.66	19.2
20		50	24	17.95	17.93	18.25	18.01	17.86	19.2
20		50	50	17.89	17.79	18.12	17.86	17.76	19.2
20		100	0	18.08	18.03	18.36	18.08	18	19.2
20	64QAM	1	0	17.91	17.82	18.21	18.03	17.87	19.2
20		1	49	17.83	17.6	18.04	17.8	17.67	19.2
20		1	99	18.1	18.08	18.41	18.12	18.02	19.2
20		50	0	18	17.92	18.25	18.02	17.91	19.2
20		50	24	17.92	17.79	18.22	17.96	17.8	19.2
20		50	50	17.93	17.81	18.21	18.02	17.74	19.2
20		100	0	17.84	17.72	18.12	17.94	17.66	19.2
20	256QAM	1	0	17.33	17.13	17.55	17.29	17.1	18.2
20		1	49	17.41	17.18	17.61	17.37	17.28	18.2
20		1	99	17.33	17.22	17.56	17.28	17.17	18.2
20		50	0	17.24	17.11	17.46	17.21	17.07	18.2
20		50	24	17.1	17.03	17.41	17.22	17.01	18.2
20		50	50	17.27	17.18	17.5	17.33	17.18	18.2
20		100	0	17.2	17.07	17.46	17.27	17.12	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.14	18.1	18.44	18.23	18.08	19.2
15		1	37	18.07	17.78	18.25	17.93	17.87	19.2
15		1	74	17.79	17.68	18.13	17.86	17.76	19.2
15		36	0	17.99	17.91	18.31	18.05	17.74	19.2
15		36	20	17.79	17.78	18.11	17.92	17.78	19.2
15		36	39	17.75	17.79	18.09	17.74	17.72	19.2
15		75	0	18.04	17.87	18.38	18.07	17.98	19.2
15	16QAM	1	0	17.83	17.69	18.04	17.82	17.67	19.2
15		1	37	17.81	17.74	18.15	18	17.58	19.2
15		1	74	17.74	17.56	17.97	17.78	17.59	19.2
15		36	0	17.65	17.49	17.95	17.75	17.59	19.2
15		36	20	17.9	17.82	18.18	17.98	17.84	19.2
15		36	39	17.85	17.7	18.03	17.76	17.7	19.2
15		75	0	18.01	17.95	18.34	17.97	17.88	19.2
15	64QAM	1	0	17.87	17.81	18.12	17.89	17.79	19.2
15		1	37	17.75	17.54	17.91	17.76	17.56	19.2
15		1	74	18.02	17.95	18.34	18.07	18.01	19.2
15		36	0	17.9	17.86	18.2	17.88	17.89	19.2
15		36	20	17.77	17.77	18.1	17.91	17.72	19.2
15		36	39	17.79	17.8	18.07	17.93	17.61	19.2
15		75	0	17.78	17.69	17.98	17.87	17.64	19.2
15	256QAM	1	0	17.31	17	17.44	17.24	16.99	18.2
15		1	37	17.31	17.11	17.57	17.25	17.16	18.2
15		1	74	17.21	17.17	17.54	17.27	17.09	18.2
15		36	0	17.12	17.08	17.33	17.19	17.01	18.2
15		36	20	17.08	16.97	17.36	17.18	16.9	18.2
15		36	39	17.19	17.1	17.37	17.28	17.14	18.2
15		75	0	17.13	16.99	17.4	17.15	17.01	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.14	18.11	18.37	18.2	18.12	19.2
10		1	25	17.99	17.89	18.25	18	17.86	19.2
10		1	49	17.87	17.74	18.07	17.83	17.73	19.2
10		25	0	17.93	17.89	18.25	18.08	17.81	19.2
10		25	12	17.83	17.84	18.19	17.94	17.77	19.2
10		25	25	17.81	17.81	18.13	17.75	17.64	19.2
10		50	0	18.08	17.87	18.35	18.09	17.99	19.2
10	16QAM	1	0	17.75	17.61	18.08	17.82	17.68	19.2
10		1	25	17.79	17.7	18.14	17.94	17.65	19.2
10		1	49	17.83	17.61	18.03	17.76	17.55	19.2
10		25	0	17.72	17.59	17.91	17.7	17.57	19.2
10		25	12	17.83	17.83	18.16	17.97	17.75	19.2
10		25	25	17.77	17.66	17.98	17.82	17.64	19.2
10		50	0	18.07	17.97	18.32	18	17.9	19.2
10	64QAM	1	0	17.87	17.77	18.17	17.95	17.8	19.2
10		1	25	17.74	17.45	18	17.76	17.59	19.2
10		1	49	18.01	17.97	18.39	18.03	17.89	19.2
10		25	0	17.88	17.82	18.12	17.88	17.88	19.2
10		25	12	17.83	17.74	18.17	17.83	17.67	19.2
10		25	25	17.87	17.66	18.12	17.9	17.65	19.2
10		50	0	17.74	17.67	18.11	17.79	17.61	19.2
10	256QAM	1	0	17.19	17.07	17.54	17.25	17.02	18.2
10		1	25	17.36	17.1	17.48	17.35	17.17	18.2
10		1	49	17.32	17.17	17.43	17.2	17.12	18.2
10		25	0	17.18	17.05	17.33	17.06	17.01	18.2
10		25	12	17.03	16.98	17.33	17.08	16.88	18.2
10		25	25	17.16	17.09	17.35	17.29	17.09	18.2
10		50	0	17.15	17.01	17.39	17.24	16.98	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.14	18.03	18.37	18.29	18.04	19.2
5		1	12	18.06	17.86	18.17	18.03	17.94	19.2
5		1	24	17.79	17.78	18.05	17.79	17.77	19.2
5		12	0	17.92	17.91	18.29	18.11	17.76	19.2
5		12	7	17.83	17.77	18.23	17.93	17.75	19.2
5		12	13	17.76	17.81	18.07	17.83	17.67	19.2
5		25	0	18.08	17.99	18.27	18.07	17.98	19.2
5	16QAM	1	0	17.83	17.74	17.99	17.85	17.65	19.2
5		1	12	17.78	17.76	18.06	17.89	17.61	19.2
5		1	24	17.87	17.64	18.06	17.77	17.49	19.2
5		12	0	17.68	17.54	17.94	17.71	17.54	19.2
5		12	7	17.89	17.9	18.21	17.92	17.82	19.2
5		12	13	17.77	17.7	18.03	17.73	17.67	19.2
5		25	0	17.94	17.91	18.31	18	17.96	19.2
5	64QAM	1	0	17.81	17.79	18.12	17.92	17.8	19.2
5		1	12	17.76	17.49	17.9	17.77	17.62	19.2
5		1	24	17.98	17.99	18.29	18.09	17.89	19.2
5		12	0	17.96	17.82	18.19	18	17.77	19.2
5		12	7	17.8	17.76	18.09	17.9	17.66	19.2
5		12	13	17.81	17.76	18.12	17.98	17.66	19.2
5		25	0	17.82	17.61	18.02	17.88	17.52	19.2
5	256QAM	1	0	17.29	17.02	17.49	17.24	17	18.2
5		1	12	17.31	17.08	17.49	17.29	17.23	18.2
5		1	24	17.22	17.13	17.52	17.25	17.07	18.2
5		12	0	17.19	16.99	17.32	17.15	16.92	18.2
5		12	7	17.04	17.02	17.35	17.1	16.92	18.2
5		12	13	17.18	17.07	17.48	17.25	17.08	18.2
5		25	0	17.07	17.02	17.38	17.16	17.06	18.2

<LTE Band 41_Ant5_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.14	18.01	18.29	18.13	18.13	19.2
20		1	49	18.03	17.95	18.25	18.06	18.06	19.2
20		1	99	17.91	17.72	18.14	17.85	17.94	19.2
20		50	0	17.85	17.71	18.14	17.97	17.91	19.2
20		50	24	17.7	17.6	17.94	17.72	17.72	19.2
20		50	50	17.85	17.66	18.01	17.79	17.71	19.2
20		100	0	17.75	17.69	18.01	17.71	17.74	19.2
20	16QAM	1	0	17.64	17.54	17.91	17.66	17.67	19.2
20		1	49	17.56	17.47	17.83	17.62	17.6	19.2
20		1	99	17.7	17.6	17.92	17.72	17.64	19.2
20		50	0	17.7	17.54	17.91	17.72	17.61	19.2
20		50	24	17.57	17.42	17.81	17.54	17.57	19.2
20		50	50	17.73	17.67	17.98	17.78	17.71	19.2
20		100	0	17.94	17.83	18.13	17.87	17.93	19.2
20	64QAM	1	0	17.54	17.49	17.79	17.56	17.62	19.2
20		1	49	17.6	17.48	17.88	17.65	17.69	19.2
20		1	99	17.66	17.64	17.95	17.74	17.68	19.2
20		50	0	17.96	17.77	18.13	17.96	17.83	19.2
20		50	24	17.83	17.65	18.05	17.85	17.77	19.2
20		50	50	17.79	17.76	18.05	17.75	17.87	19.2
20		100	0	17.85	17.77	18.07	17.81	17.76	19.2
20	256QAM	1	0	16.77	16.63	16.98	16.73	16.71	18.2
20		1	49	16.82	16.71	16.99	16.72	16.72	18.2
20		1	99	16.74	16.59	16.89	16.62	16.71	18.2
20		50	0	16.72	16.48	16.88	16.68	16.66	18.2
20		50	24	16.72	16.61	16.96	16.71	16.68	18.2
20		50	50	16.69	16.61	16.92	16.62	16.64	18.2
20		100	0	16.56	16.52	16.84	16.68	16.56	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.11	17.94	18.2	17.98	18.08	19.2
15		1	37	18.01	17.91	18.21	18.02	18	19.2
15		1	74	17.89	17.63	18.13	17.74	17.8	19.2
15		36	0	17.7	17.67	18.02	17.84	17.82	19.2
15		36	20	17.57	17.48	17.83	17.57	17.64	19.2
15		36	39	17.74	17.55	17.87	17.77	17.62	19.2
15		75	0	17.63	17.58	17.98	17.66	17.71	19.2
15	16QAM	1	0	17.53	17.43	17.88	17.55	17.54	19.2
15		1	37	17.45	17.35	17.73	17.58	17.57	19.2
15		1	74	17.65	17.57	17.86	17.58	17.5	19.2
15		36	0	17.59	17.46	17.78	17.65	17.53	19.2
15		36	20	17.54	17.3	17.75	17.48	17.43	19.2
15		36	39	17.59	17.53	17.92	17.75	17.65	19.2
15		75	0	17.82	17.78	18.1	17.82	17.87	19.2
15	64QAM	1	0	17.43	17.41	17.66	17.5	17.58	19.2
15		1	37	17.54	17.38	17.78	17.52	17.66	19.2
15		1	74	17.58	17.56	17.82	17.61	17.57	19.2
15		36	0	17.91	17.73	18.06	17.94	17.7	19.2
15		36	20	17.74	17.63	17.95	17.74	17.68	19.2
15		36	39	17.67	17.71	17.97	17.66	17.84	19.2
15		75	0	17.82	17.69	18.05	17.72	17.71	19.2
15	256QAM	1	0	16.62	16.61	16.88	16.68	16.6	18.2
15		1	37	16.78	16.68	16.88	16.69	16.66	18.2
15		1	74	16.68	16.57	16.79	16.59	16.66	18.2
15		36	0	16.6	16.36	16.8	16.54	16.56	18.2
15		36	20	16.65	16.54	16.85	16.67	16.59	18.2
15		36	39	16.56	16.56	16.78	16.48	16.59	18.2
15		75	0	16.46	16.37	16.74	16.56	16.52	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.09	17.99	18.15	18.07	18.07	19.2
10		1	25	17.92	17.88	18.2	17.97	18.03	19.2
10		1	49	17.82	17.67	18.04	17.81	17.8	19.2
10		25	0	17.71	17.58	18.1	17.88	17.84	19.2
10		25	12	17.61	17.53	17.89	17.63	17.67	19.2
10		25	25	17.81	17.63	17.89	17.72	17.67	19.2
10		50	0	17.69	17.58	17.96	17.57	17.67	19.2
10	16QAM	1	0	17.5	17.46	17.77	17.6	17.55	19.2
10		1	25	17.47	17.41	17.78	17.53	17.46	19.2
10		1	49	17.6	17.52	17.85	17.64	17.62	19.2
10		25	0	17.68	17.46	17.85	17.7	17.48	19.2
10		25	12	17.55	17.31	17.7	17.53	17.43	19.2
10		25	25	17.66	17.57	17.9	17.74	17.64	19.2
10		50	0	17.8	17.72	18	17.8	17.9	19.2
10	64QAM	1	0	17.5	17.4	17.7	17.52	17.57	19.2
10		1	25	17.54	17.35	17.75	17.59	17.63	19.2
10		1	49	17.54	17.55	17.86	17.65	17.63	19.2
10		25	0	17.83	17.69	18	17.95	17.74	19.2
10		25	12	17.69	17.52	17.95	17.71	17.68	19.2
10		25	25	17.74	17.69	18	17.69	17.83	19.2
10		50	0	17.76	17.74	18.03	17.74	17.67	19.2
10	256QAM	1	0	16.76	16.62	16.93	16.63	16.57	18.2
10		1	25	16.75	16.66	16.95	16.57	16.71	18.2
10		1	49	16.65	16.5	16.85	16.57	16.67	18.2
10		25	0	16.62	16.4	16.84	16.57	16.52	18.2
10		25	12	16.64	16.57	16.94	16.58	16.63	18.2
10		25	25	16.59	16.57	16.9	16.59	16.59	18.2
10		50	0	16.48	16.39	16.73	16.55	16.5	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.06	17.97	18.22	18.1	17.98	19.2
5		1	12	17.94	17.85	18.22	17.99	18.04	19.2
5		1	24	17.77	17.61	18.08	17.72	17.83	19.2
5		12	0	17.77	17.61	18.09	17.83	17.82	19.2
5		12	7	17.65	17.56	17.84	17.61	17.63	19.2
5		12	13	17.77	17.55	17.87	17.76	17.69	19.2
5		25	0	17.72	17.55	17.93	17.63	17.64	19.2
5	16QAM	1	0	17.62	17.39	17.83	17.57	17.58	19.2
5		1	12	17.52	17.43	17.73	17.51	17.59	19.2
5		1	24	17.63	17.57	17.88	17.59	17.52	19.2
5		12	0	17.62	17.42	17.78	17.64	17.56	19.2
5		12	7	17.55	17.34	17.67	17.51	17.42	19.2
5		12	13	17.63	17.58	17.9	17.74	17.67	19.2
5		25	0	17.86	17.73	18.11	17.83	17.87	19.2
5	64QAM	1	0	17.5	17.36	17.67	17.44	17.56	19.2
5		1	12	17.52	17.35	17.82	17.54	17.65	19.2
5		1	24	17.54	17.57	17.91	17.63	17.59	19.2
5		12	0	17.94	17.63	18.01	17.92	17.73	19.2
5		12	7	17.8	17.59	18.03	17.78	17.7	19.2
5		12	13	17.76	17.69	17.91	17.74	17.83	19.2
5		25	0	17.73	17.7	18.05	17.71	17.73	19.2
5	256QAM	1	0	16.71	16.61	16.88	16.6	16.67	18.2
5		1	12	16.69	16.67	16.98	16.67	16.69	18.2
5		1	24	16.72	16.57	16.83	16.55	16.69	18.2
5		12	0	16.66	16.36	16.76	16.62	16.63	18.2
5		12	7	16.68	16.58	16.83	16.56	16.57	18.2
5		12	13	16.61	16.47	16.86	16.58	16.52	18.2
5		25	0	16.43	16.5	16.74	16.58	16.51	18.2

<LTE Band 41_Ant6_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.22	24.32	24.48	24.34	24.37	25
20		1	49	24.02	24.06	24.35	24.16	24.22	25
20		1	99	24.04	24.17	24.37	24.1	24.22	25
20		50	0	23.13	23.21	23.57	23.24	23.25	24
20		50	24	23.31	23.44	23.55	23.45	23.4	24
20		50	50	23.4	23.46	23.52	23.46	23.52	24
20		100	0	23.23	23.38	23.56	23.33	23.31	24
20	16QAM	1	0	23.48	23.59	23.82	23.55	23.7	24
20		1	49	23.32	23.46	23.69	23.52	23.5	24
20		1	99	23.36	23.51	23.72	23.53	23.51	24
20		50	0	22.42	22.53	22.74	22.54	22.59	23
20		50	24	22.41	22.5	22.76	22.6	22.52	23
20		50	50	22.36	22.55	22.75	22.59	22.56	23
20		100	0	22.32	22.4	22.63	22.41	22.47	23
20	64QAM	1	0	22	22.12	22.32	22.08	22.09	23
20		1	49	22.15	22.13	22.4	22.23	22.26	23
20		1	99	21.95	22.14	22.3	22.03	22.18	23
20		50	0	21.29	21.36	21.55	21.35	21.33	22
20		50	24	21.15	21.34	21.51	21.31	21.32	22
20		50	50	21.41	21.56	21.75	21.61	21.54	22
20		100	0	21.47	21.45	21.73	21.54	21.55	22
20	256QAM	1	0	19.34	19.31	19.56	19.36	19.43	20
20		1	49	19.59	19.69	19.88	19.62	19.78	20
20		1	99	19.34	19.45	19.61	19.41	19.4	20
20		50	0	19.58	19.65	19.82	19.65	19.65	20
20		50	24	19.56	19.59	19.79	19.63	19.68	20
20		50	50	19.65	19.72	19.89	19.72	19.73	20
20		100	0	19.52	19.59	19.85	19.64	19.69	20
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.17	24.18	24.36	24.23	24.33	25
15		1	37	23.92	23.97	24.31	24.07	24.1	25
15		1	74	23.92	24.12	24.28	24.08	24.09	25
15		36	0	23.07	23.12	23.44	23.16	23.11	24
15		36	20	23.2	23.33	23.56	23.41	23.33	24
15		36	39	23.26	23.43	23.62	23.34	23.46	24
15		75	0	23.15	23.31	23.52	23.25	23.18	24
15	16QAM	1	0	23.41	23.54	23.75	23.47	23.58	24
15		1	37	23.29	23.38	23.61	23.39	23.36	24
15		1	74	23.28	23.49	23.68	23.49	23.48	24
15		36	0	22.35	22.47	22.62	22.39	22.51	23
15		36	20	22.39	22.39	22.68	22.55	22.49	23
15		36	39	22.31	22.41	22.61	22.5	22.42	23
15		75	0	22.2	22.36	22.57	22.35	22.41	23
15	64QAM	1	0	21.9	22.04	22.27	22.02	22.02	23
15		1	37	22.03	22.08	22.28	22.08	22.17	23
15		1	74	21.8	22.13	22.2	21.92	22.17	23
15		36	0	21.18	21.33	21.48	21.34	21.31	22
15		36	20	21.05	21.28	21.38	21.28	21.28	22
15		36	39	21.3	21.5	21.67	21.49	21.51	22
15		75	0	21.4	21.37	21.67	21.52	21.52	22
15	256QAM	1	0	19.2	19.2	19.45	19.24	19.29	20
15		1	37	19.47	19.55	19.73	19.57	19.72	20
15		1	74	19.29	19.37	19.51	19.27	19.3	20
15		36	0	19.48	19.6	19.73	19.63	19.64	20
15		36	20	19.49	19.54	19.66	19.54	19.61	20
15		36	39	19.52	19.61	19.82	19.69	19.7	20
15		75	0	19.45	19.53	19.73	19.49	19.6	20
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.09	24.18	24.43	24.32	24.26	25
10		1	25	24.01	23.99	24.24	24.14	24.13	25
10		1	49	23.93	24.08	24.32	24.04	24.13	25
10		25	0	22.98	23.1	23.42	23.17	23.23	24
10		25	12	23.25	23.33	23.54	23.42	23.26	24
10		25	25	23.26	23.4	23.63	23.4	23.48	24
10		50	0	23.2	23.27	23.53	23.26	23.2	24
10	16QAM	1	0	23.41	23.45	23.71	23.46	23.67	24
10		1	25	23.24	23.44	23.55	23.41	23.4	24
10		1	49	23.35	23.5	23.62	23.43	23.41	24
10		25	0	22.36	22.47	22.64	22.44	22.46	23
10		25	12	22.26	22.45	22.68	22.48	22.38	23
10		25	25	22.32	22.43	22.74	22.48	22.51	23
10		50	0	22.2	22.3	22.56	22.28	22.32	23
10	64QAM	1	0	21.93	21.97	22.19	21.96	22.03	23
10		1	25	22.02	22.02	22.35	22.13	22.19	23
10		1	49	21.81	22.1	22.2	21.94	22.04	23
10		25	0	21.16	21.27	21.4	21.34	21.22	22
10		25	12	21.07	21.23	21.41	21.19	21.17	22
10		25	25	21.35	21.5	21.72	21.55	21.4	22
10		50	0	21.43	21.36	21.71	21.5	21.53	22
10	256QAM	1	0	19.29	19.23	19.5	19.34	19.37	20
10		1	25	19.46	19.57	19.77	19.58	19.68	20
10		1	49	19.32	19.35	19.59	19.31	19.3	20
10		25	0	19.48	19.55	19.71	19.56	19.5	20
10		25	12	19.42	19.57	19.66	19.58	19.58	20
10		25	25	19.57	19.6	19.76	19.67	19.68	20
10		50	0	19.5	19.54	19.72	19.53	19.55	20
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.14	24.25	24.43	24.31	24.33	25
5		1	12	23.89	24.01	24.21	24.1	24.17	25
5		1	24	24.02	24.08	24.3	24.07	24.18	25
5		12	0	23.06	23.15	23.37	23.22	23.19	24
5		12	7	23.28	23.33	23.5	23.38	23.27	24
5		12	13	23.29	23.44	23.66	23.33	23.56	24
5		25	0	23.13	23.35	23.53	23.28	23.29	24
5	16QAM	1	0	23.4	23.53	23.71	23.5	23.62	24
5		1	12	23.29	23.35	23.65	23.49	23.46	24
5		1	24	23.24	23.36	23.68	23.52	23.47	24
5		12	0	22.37	22.49	22.63	22.51	22.49	23
5		12	7	22.4	22.41	22.65	22.48	22.47	23
5		12	13	22.34	22.45	22.66	22.46	22.41	23
5		25	0	22.26	22.34	22.48	22.33	22.41	23
5	64QAM	1	0	21.88	22.07	22.29	22.03	21.97	23
5		1	12	22.02	22	22.27	22.16	22.2	23
5		1	24	21.88	22.05	22.18	21.98	22.03	23
5		12	0	21.19	21.24	21.44	21.23	21.29	22
5		12	7	21.03	21.23	21.41	21.22	21.3	22
5		12	13	21.36	21.52	21.7	21.56	21.51	22
5		25	0	21.45	21.4	21.61	21.4	21.51	22
5	256QAM	1	0	19.27	19.22	19.55	19.3	19.3	20
5		1	12	19.58	19.55	19.81	19.57	19.68	20
5		1	24	19.32	19.31	19.57	19.34	19.3	20
5		12	0	19.45	19.63	19.75	19.52	19.51	20
5		12	7	19.52	19.48	19.66	19.48	19.56	20
5		12	13	19.58	19.64	19.88	19.67	19.61	20
5		25	0	19.48	19.51	19.73	19.61	19.59	20

<LTE Band 41_Ant7_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.15	19.07	19.29	18.78	18.75	19.7
20		1	49	18.97	18.92	19.15	18.59	18.6	19.7
20		1	99	19.13	19.04	19.26	18.68	18.63	19.7
20		50	0	19.06	18.93	19.28	18.62	18.66	19.7
20		50	24	19.09	19.01	19.27	18.69	18.74	19.7
20		50	50	18.89	18.79	19.07	18.57	18.48	19.7
20		100	0	19.02	18.85	19.18	18.68	18.55	19.7
20	16QAM	1	0	19.05	18.97	19.27	18.73	18.61	19.7
20		1	49	18.95	18.91	19.14	18.62	18.51	19.7
20		1	99	18.99	18.89	19.13	18.59	18.56	19.7
20		50	0	18.89	18.79	19.1	18.54	18.56	19.7
20		50	24	18.97	18.95	19.22	18.69	18.69	19.7
20		50	50	18.93	18.8	19.1	18.57	18.52	19.7
20		100	0	19.01	18.94	19.21	18.68	18.56	19.7
20	64QAM	1	0	19.08	19.06	19.27	18.71	18.61	19.7
20		1	49	18.95	18.8	19.14	18.55	18.56	19.7
20		1	99	19.03	19.03	19.23	18.69	18.61	19.7
20		50	0	19.05	18.94	19.18	18.67	18.62	19.7
20		50	24	18.95	18.8	19.07	18.48	18.52	19.7
20		50	50	19.03	18.9	19.16	18.56	18.53	19.7
20		100	0	18.88	18.79	19.06	18.54	18.5	19.7
20	256QAM	1	0	18.57	18.42	18.7	18.16	18.06	19.2
20		1	49	18.56	18.55	18.75	18.23	18.12	19.2
20		1	99	18.66	18.67	18.88	18.38	18.31	19.2
20		50	0	18.43	18.25	18.57	18.06	17.97	19.2
20		50	24	18.56	18.53	18.81	18.31	18.22	19.2
20		50	50	18.52	18.4	18.71	18.13	18.12	19.2
20		100	0	18.5	18.38	18.65	18.14	18.11	19.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.06	18.98	19.14	18.64	18.68	19.7
15		1	37	18.91	18.82	19.12	18.49	18.55	19.7
15		1	74	19.04	19.02	19.11	18.65	18.52	19.7
15		36	0	18.91	18.78	19.09	18.48	18.62	19.7
15		36	20	19.02	18.91	19.15	18.62	18.72	19.7
15		36	39	18.87	18.66	18.97	18.55	18.36	19.7
15		75	0	18.95	18.75	19.09	18.6	18.44	19.7
15	16QAM	1	0	18.98	18.93	19.25	18.63	18.47	19.7
15		1	37	18.83	18.86	19.09	18.54	18.46	19.7
15		1	74	18.9	18.87	19.07	18.45	18.44	19.7
15		36	0	18.84	18.66	19.09	18.46	18.43	19.7
15		36	20	18.9	18.84	19.12	18.59	18.68	19.7
15		36	39	18.84	18.79	19	18.52	18.48	19.7
15		75	0	18.99	18.93	19.17	18.56	18.51	19.7
15	64QAM	1	0	18.99	18.93	19.17	18.62	18.54	19.7
15		1	37	18.83	18.71	19.01	18.43	18.51	19.7
15		1	74	18.91	18.95	19.14	18.64	18.59	19.7
15		36	0	18.94	18.9	19.05	18.61	18.53	19.7
15		36	20	18.88	18.78	18.93	18.39	18.45	19.7
15		36	39	18.9	18.84	19.12	18.52	18.51	19.7
15		75	0	18.74	18.68	18.98	18.44	18.39	19.7
15	256QAM	1	0	18.54	18.34	18.65	18.07	18.05	19.2
15		1	37	18.45	18.51	18.69	18.11	18.05	19.2
15		1	74	18.63	18.56	18.77	18.35	18.16	19.2
15		36	0	18.29	18.19	18.54	17.98	17.83	19.2
15		36	20	18.5	18.45	18.71	18.23	18.13	19.2
15		36	39	18.4	18.29	18.68	17.99	18.07	19.2
15		75	0	18.47	18.23	18.62	18.11	18	19.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.03	18.96	19.13	18.69	18.62	19.7
10		1	25	18.84	18.8	19.05	18.46	18.49	19.7
10		1	49	19.1	18.93	19.25	18.61	18.48	19.7
10		25	0	18.94	18.92	19.18	18.52	18.64	19.7
10		25	12	19	18.99	19.16	18.58	18.69	19.7
10		25	25	18.87	18.65	19.03	18.46	18.45	19.7
10		50	0	18.9	18.78	19.04	18.67	18.52	19.7
10	16QAM	1	0	18.91	18.87	19.22	18.71	18.49	19.7
10		1	25	18.82	18.88	19.03	18.55	18.48	19.7
10		1	49	18.88	18.79	19.11	18.47	18.55	19.7
10		25	0	18.81	18.75	18.96	18.49	18.42	19.7
10		25	12	18.84	18.91	19.12	18.58	18.61	19.7
10		25	25	18.89	18.75	19.02	18.48	18.46	19.7
10		50	0	18.95	18.8	19.1	18.63	18.52	19.7
10	64QAM	1	0	19.04	18.96	19.17	18.62	18.58	19.7
10		1	25	18.8	18.74	19.06	18.5	18.46	19.7
10		1	49	18.9	18.99	19.11	18.63	18.56	19.7
10		25	0	19.03	18.89	19.09	18.57	18.57	19.7
10		25	12	18.86	18.77	19.05	18.35	18.47	19.7
10		25	25	18.93	18.81	19.12	18.54	18.39	19.7
10		50	0	18.8	18.72	19.02	18.44	18.4	19.7
10	256QAM	1	0	18.5	18.32	18.58	18.12	17.99	19.2
10		1	25	18.5	18.42	18.64	18.13	17.99	19.2
10		1	49	18.55	18.52	18.8	18.24	18.22	19.2
10		25	0	18.41	18.13	18.5	17.97	17.9	19.2
10		25	12	18.41	18.47	18.71	18.16	18.11	19.2
10		25	25	18.44	18.33	18.65	18.06	18.09	19.2
10		50	0	18.36	18.37	18.64	18.07	17.96	19.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.08	19.03	19.19	18.75	18.6	19.7
5		1	12	18.89	18.9	19.11	18.48	18.51	19.7
5		1	24	19.09	19.01	19.16	18.65	18.59	19.7
5		12	0	18.94	18.9	19.17	18.48	18.56	19.7
5		12	7	19	18.87	19.18	18.6	18.6	19.7
5		12	13	18.76	18.74	19.06	18.53	18.37	19.7
5		25	0	18.97	18.82	19.04	18.58	18.51	19.7
5	16QAM	1	0	18.95	18.89	19.15	18.64	18.55	19.7
5		1	12	18.82	18.86	19.01	18.53	18.37	19.7
5		1	24	18.85	18.81	19.11	18.57	18.49	19.7
5		12	0	18.78	18.65	19.05	18.51	18.41	19.7
5		12	7	18.96	18.93	19.12	18.62	18.62	19.7
5		12	13	18.82	18.69	19.02	18.55	18.45	19.7
5		25	0	18.94	18.9	19.15	18.65	18.42	19.7
5	64QAM	1	0	19.04	18.98	19.26	18.66	18.54	19.7
5		1	12	18.92	18.72	19.12	18.5	18.43	19.7
5		1	24	18.95	18.96	19.15	18.66	18.56	19.7
5		12	0	18.99	18.92	19.04	18.62	18.59	19.7
5		12	7	18.89	18.77	19.06	18.34	18.4	19.7
5		12	13	18.92	18.77	19.1	18.46	18.48	19.7
5		25	0	18.79	18.72	18.92	18.5	18.38	19.7
5	256QAM	1	0	18.43	18.33	18.58	18.07	17.92	19.2
5		1	12	18.51	18.46	18.61	18.22	18.07	19.2
5		1	24	18.54	18.59	18.8	18.36	18.28	19.2
5		12	0	18.31	18.2	18.49	17.92	17.88	19.2
5		12	7	18.45	18.47	18.75	18.29	18.13	19.2
5		12	13	18.44	18.26	18.64	18.01	18.07	19.2
5		25	0	18.36	18.25	18.59	18.09	18.02	19.2

<LTE Band 41_Ant4_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.39	20.28	20.41	20.36	20.35	21.2
20		1	49	20.08	19.94	20.2	20.11	20.04	21.2
20		1	99	20.25	20.22	20.38	20.24	20.27	21.2
20		50	0	20.26	20.17	20.36	20.24	20.19	21.2
20		50	24	20.01	19.9	20.11	20.03	19.95	21.2
20		50	50	19.97	19.89	20.05	19.9	19.92	21.2
20		100	0	20.23	20.13	20.34	20.17	20.15	21.2
20	16QAM	1	0	20.02	19.93	20.17	20.07	20.02	21.2
20		1	49	19.92	19.77	19.98	19.85	19.78	21.2
20		1	99	19.96	19.95	20.11	19.92	20.03	21.2
20		50	0	20.01	19.97	20.14	19.96	19.96	21.2
20		50	24	20.18	20	20.24	20.12	20.06	21.2
20		50	50	19.98	19.93	20.14	20	19.94	21.2
20		100	0	20.21	20.09	20.33	20.16	20.2	21.2
20	64QAM	1	0	20.15	20.04	20.28	20.15	20.13	21.2
20		1	49	20.17	20.03	20.21	20.13	20.09	21.2
20		1	99	20.16	20.08	20.31	20.14	20.19	21.2
20		50	0	20.22	20.13	20.36	20.29	20.2	21.2
20		50	24	20.1	19.97	20.17	20.11	20.02	21.2
20		50	50	20.13	20.12	20.28	20.1	20.09	21.2
20		100	0	20.21	20.14	20.34	20.15	20.2	21.2
20	256QAM	1	0	17.5	17.35	17.55	17.48	17.47	18.2
20		1	49	17.45	17.39	17.61	17.46	17.47	18.2
20		1	99	17.48	17.41	17.56	17.48	17.42	18.2
20		50	0	17.33	17.25	17.46	17.34	17.31	18.2
20		50	24	17.34	17.23	17.41	17.33	17.25	18.2
20		50	50	17.38	17.37	17.5	17.43	17.4	18.2
20		100	0	17.31	17.24	17.46	17.33	17.3	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.33	20.14	20.38	20.3	20.32	21.2
15		1	37	19.94	19.83	20.12	20.02	19.9	21.2
15		1	74	20.17	20.14	20.28	20.16	20.13	21.2
15		36	0	20.16	20.05	20.24	20.1	20.1	21.2
15		36	20	19.98	19.81	20.06	19.97	19.82	21.2
15		36	39	19.85	19.86	20	19.87	19.79	21.2
15		75	0	20.1	20.05	20.25	20.12	20	21.2
15	16QAM	1	0	19.93	19.9	20.14	19.96	19.92	21.2
15		1	37	19.83	19.62	19.9	19.74	19.76	21.2
15		1	74	19.89	19.94	19.97	19.82	19.99	21.2
15		36	0	19.98	19.95	20.07	19.92	19.94	21.2
15		36	20	20.04	19.9	20.11	20.02	20.03	21.2
15		36	39	19.92	19.89	20.07	19.87	19.92	21.2
15		75	0	20.08	20.07	20.2	20.03	20.07	21.2
15	64QAM	1	0	20.14	20.01	20.23	20.02	20.07	21.2
15		1	37	20.16	19.97	20.15	19.99	20	21.2
15		1	74	20.05	19.99	20.27	20.11	20.13	21.2
15		36	0	20.17	20.11	20.27	20.18	20.13	21.2
15		36	20	20.01	19.93	20.15	20.02	19.97	21.2
15		36	39	20.07	20.01	20.25	20.08	19.99	21.2
15		75	0	20.06	20.1	20.27	20.08	20.08	21.2
15	256QAM	1	0	17.49	17.25	17.44	17.42	17.39	18.2
15		1	37	17.39	17.36	17.56	17.33	17.37	18.2
15		1	74	17.41	17.36	17.51	17.45	17.4	18.2
15		36	0	17.3	17.23	17.38	17.23	17.26	18.2
15		36	20	17.32	17.18	17.32	17.23	17.16	18.2
15		36	39	17.37	17.3	17.48	17.37	17.25	18.2
15		75	0	17.23	17.2	17.37	17.22	17.25	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.36	20.22	20.38	20.21	20.3	21.2
10		1	25	19.94	19.89	20.09	20.05	20.01	21.2
10		1	49	20.13	20.1	20.32	20.18	20.18	21.2
10		25	0	20.19	20.12	20.27	20.12	20.12	21.2
10		25	12	19.97	19.84	19.97	19.97	19.85	21.2
10		25	25	19.88	19.75	19.93	19.82	19.81	21.2
10		50	0	20.13	20.03	20.23	20.02	20.06	21.2
10	16QAM	1	0	20.01	19.88	20.03	20.04	19.87	21.2
10		1	25	19.8	19.69	19.96	19.72	19.7	21.2
10		1	49	19.92	19.9	20.01	19.78	19.96	21.2
10		25	0	19.91	19.9	20.1	19.83	19.87	21.2
10		25	12	20.06	19.93	20.18	20.02	19.96	21.2
10		25	25	19.94	19.78	20.04	19.85	19.81	21.2
10		50	0	20.07	19.96	20.26	20.08	20.08	21.2
10	64QAM	1	0	20.02	19.97	20.27	20.13	20.02	21.2
10		1	25	20.12	19.95	20.08	20.09	20.05	21.2
10		1	49	20.11	19.94	20.27	20.06	20.12	21.2
10		25	0	20.12	20.01	20.24	20.28	20.1	21.2
10		25	12	19.96	19.93	20.12	20.07	19.92	21.2
10		25	25	20.05	20.02	20.16	19.96	19.96	21.2
10		50	0	20.11	20.01	20.27	20.1	20.19	21.2
10	256QAM	1	0	17.45	17.25	17.46	17.45	17.43	18.2
10		1	25	17.34	17.34	17.56	17.39	17.33	18.2
10		1	49	17.36	17.34	17.53	17.38	17.36	18.2
10		25	0	17.2	17.15	17.34	17.26	17.2	18.2
10		25	12	17.23	17.18	17.35	17.24	17.13	18.2
10		25	25	17.24	17.26	17.43	17.33	17.38	18.2
10		50	0	17.25	17.11	17.43	17.2	17.21	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.33	20.25	20.37	20.21	20.31	21.2
5		1	12	19.94	19.92	20.11	20.08	19.91	21.2
5		1	24	20.19	20.12	20.34	20.15	20.15	21.2
5		12	0	20.21	20.04	20.23	20.18	20.14	21.2
5		12	7	19.98	19.85	20	19.89	19.89	21.2
5		12	13	19.9	19.87	19.9	19.85	19.8	21.2
5		25	0	20.19	20.01	20.2	20.11	20.13	21.2
5	16QAM	1	0	19.98	19.88	20.07	19.95	19.89	21.2
5		1	12	19.89	19.69	19.84	19.78	19.66	21.2
5		1	24	19.86	19.91	20.08	19.87	20	21.2
5		12	0	19.95	19.89	20	19.82	19.89	21.2
5		12	7	20.08	19.98	20.22	19.98	19.92	21.2
5		12	13	19.87	19.91	20.02	19.98	19.83	21.2
5		25	0	20.18	20.08	20.23	20.02	20.05	21.2
5	64QAM	1	0	20.09	19.91	20.24	20.05	20.01	21.2
5		1	12	20.05	19.97	20.15	20.02	19.95	21.2
5		1	24	20.13	19.96	20.24	20.01	20.06	21.2
5		12	0	20.08	20.07	20.34	20.14	20.13	21.2
5		12	7	20.07	19.9	20.07	20.06	19.89	21.2
5		12	13	20.11	20.02	20.14	19.98	19.95	21.2
5		25	0	20.07	20	20.28	20.11	20.16	21.2
5	256QAM	1	0	17.41	17.32	17.5	17.33	17.37	18.2
5		1	12	17.32	17.26	17.6	17.4	17.38	18.2
5		1	24	17.4	17.4	17.42	17.4	17.35	18.2
5		12	0	17.25	17.2	17.37	17.21	17.23	18.2
5		12	7	17.3	17.09	17.3	17.3	17.22	18.2
5		12	13	17.23	17.32	17.42	17.4	17.35	18.2
5		25	0	17.26	17.19	17.34	17.27	17.18	18.2

<LTE Band 41_Ant5_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.99	19.07	19.16	19.06	19.03	20.2
20		1	49	18.85	18.87	19.1	18.9	18.87	20.2
20		1	99	18.89	18.97	19.1	18.98	18.92	20.2
20		50	0	18.98	19.14	19.26	19.05	19.03	20.2
20		50	24	18.7	18.72	18.94	18.81	18.79	20.2
20		50	50	18.75	18.82	19.06	18.89	18.84	20.2
20		100	0	18.9	18.91	19.14	19.02	18.92	20.2
20	16QAM	1	0	18.75	18.83	18.97	18.85	18.7	20.2
20		1	49	18.64	18.76	18.93	18.73	18.72	20.2
20		1	99	18.68	18.72	18.9	18.71	18.63	20.2
20		50	0	18.68	18.78	18.97	18.84	18.74	20.2
20		50	24	18.73	18.81	19.01	18.89	18.86	20.2
20		50	50	18.77	18.86	19.02	18.89	18.83	20.2
20		100	0	18.78	18.84	19.03	18.92	18.84	20.2
20	64QAM	1	0	18.77	18.75	18.98	18.75	18.78	20.2
20		1	49	18.65	18.73	18.9	18.68	18.76	20.2
20		1	99	18.72	18.82	18.98	18.86	18.82	20.2
20		50	0	18.81	18.92	19.05	18.93	18.89	20.2
20		50	24	18.71	18.83	18.95	18.72	18.71	20.2
20		50	50	18.71	18.88	19.02	18.8	18.75	20.2
20		100	0	18.69	18.81	18.92	18.68	18.66	20.2
20	256QAM	1	0	16.74	16.81	16.98	16.87	16.85	18.2
20		1	49	16.79	16.86	16.99	16.8	16.79	18.2
20		1	99	16.72	16.7	16.89	16.77	16.71	18.2
20		50	0	16.62	16.67	16.88	16.71	16.63	18.2
20		50	24	16.7	16.81	16.96	16.84	16.8	18.2
20		50	50	16.63	16.7	16.92	16.74	16.78	18.2
20		100	0	16.66	16.69	16.84	16.7	16.6	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.93	18.94	19.1	18.95	18.89	20.2
15		1	37	18.8	18.79	18.99	18.83	18.85	20.2
15		1	74	18.87	18.86	19.04	18.87	18.91	20.2
15		36	0	18.91	19.1	19.23	18.92	18.96	20.2
15		36	20	18.58	18.71	18.79	18.75	18.75	20.2
15		36	39	18.63	18.78	18.97	18.78	18.78	20.2
15		75	0	18.89	18.86	19.12	18.98	18.77	20.2
15	16QAM	1	0	18.73	18.74	18.9	18.71	18.65	20.2
15		1	37	18.54	18.63	18.82	18.7	18.65	20.2
15		1	74	18.61	18.58	18.76	18.57	18.59	20.2
15		36	0	18.56	18.76	18.83	18.78	18.68	20.2
15		36	20	18.67	18.76	18.92	18.79	18.8	20.2
15		36	39	18.66	18.76	18.99	18.81	18.79	20.2
15		75	0	18.74	18.79	19	18.84	18.71	20.2
15	64QAM	1	0	18.69	18.63	18.96	18.67	18.72	20.2
15		1	37	18.56	18.65	18.81	18.66	18.71	20.2
15		1	74	18.63	18.79	18.91	18.83	18.76	20.2
15		36	0	18.7	18.87	19	18.82	18.83	20.2
15		36	20	18.58	18.75	18.82	18.65	18.59	20.2
15		36	39	18.67	18.79	18.91	18.72	18.68	20.2
15		75	0	18.67	18.72	18.84	18.58	18.55	20.2
15	256QAM	1	0	16.6	16.77	16.94	16.74	16.74	18.2
15		1	37	16.68	16.74	16.94	16.69	16.75	18.2
15		1	74	16.58	16.65	16.75	16.67	16.56	18.2
15		36	0	16.59	16.57	16.79	16.61	16.6	18.2
15		36	20	16.6	16.7	16.93	16.71	16.75	18.2
15		36	39	16.48	16.68	16.87	16.64	16.72	18.2
15		75	0	16.61	16.55	16.69	16.64	16.56	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.85	18.98	19.02	18.98	18.97	20.2
10		1	25	18.79	18.76	19.04	18.77	18.72	20.2
10		1	49	18.75	18.83	19.04	18.91	18.78	20.2
10		25	0	18.91	19.12	19.12	18.99	18.93	20.2
10		25	12	18.56	18.62	18.82	18.74	18.77	20.2
10		25	25	18.69	18.8	18.94	18.84	18.82	20.2
10		50	0	18.87	18.87	19.11	18.87	18.85	20.2
10	16QAM	1	0	18.72	18.8	18.86	18.82	18.57	20.2
10		1	25	18.58	18.69	18.83	18.59	18.62	20.2
10		1	49	18.56	18.61	18.88	18.61	18.61	20.2
10		25	0	18.65	18.76	18.86	18.8	18.65	20.2
10		25	12	18.72	18.69	18.95	18.74	18.8	20.2
10		25	25	18.76	18.83	18.99	18.76	18.77	20.2
10		50	0	18.77	18.75	18.9	18.83	18.79	20.2
10	64QAM	1	0	18.65	18.71	18.89	18.62	18.72	20.2
10		1	25	18.56	18.65	18.84	18.6	18.64	20.2
10		1	49	18.7	18.74	18.89	18.75	18.7	20.2
10		25	0	18.77	18.81	19.04	18.9	18.77	20.2
10		25	12	18.6	18.73	18.92	18.7	18.61	20.2
10		25	25	18.59	18.85	18.96	18.65	18.69	20.2
10		50	0	18.55	18.67	18.86	18.58	18.57	20.2
10	256QAM	1	0	16.7	16.79	16.88	16.82	16.79	18.2
10		1	25	16.78	16.84	16.96	16.74	16.74	18.2
10		1	49	16.63	16.62	16.84	16.63	16.63	18.2
10		25	0	16.49	16.58	16.82	16.61	16.6	18.2
10		25	12	16.67	16.72	16.82	16.75	16.77	18.2
10		25	25	16.59	16.63	16.9	16.7	16.71	18.2
10		50	0	16.63	16.58	16.82	16.57	16.47	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.85	18.95	19.13	18.97	18.9	20.2
5		1	12	18.73	18.77	18.96	18.86	18.79	20.2
5		1	24	18.77	18.94	18.98	18.91	18.9	20.2
5		12	0	18.92	19.02	19.16	18.91	18.95	20.2
5		12	7	18.67	18.67	18.79	18.76	18.69	20.2
5		12	13	18.71	18.71	18.94	18.77	18.83	20.2
5		25	0	18.75	18.77	19.11	18.92	18.81	20.2
5	16QAM	1	0	18.72	18.77	18.94	18.79	18.68	20.2
5		1	12	18.63	18.65	18.82	18.65	18.7	20.2
5		1	24	18.6	18.67	18.75	18.62	18.57	20.2
5		12	0	18.66	18.76	18.87	18.73	18.59	20.2
5		12	7	18.58	18.76	18.9	18.78	18.81	20.2
5		12	13	18.72	18.77	18.94	18.78	18.75	20.2
5		25	0	18.72	18.78	18.96	18.85	18.77	20.2
5	64QAM	1	0	18.65	18.69	18.84	18.63	18.77	20.2
5		1	12	18.6	18.68	18.77	18.54	18.64	20.2
5		1	24	18.57	18.69	18.86	18.72	18.75	20.2
5		12	0	18.73	18.82	18.97	18.79	18.78	20.2
5		12	7	18.68	18.79	18.85	18.62	18.6	20.2
5		12	13	18.57	18.79	19	18.68	18.72	20.2
5		25	0	18.58	18.68	18.88	18.58	18.52	20.2
5	256QAM	1	0	16.73	16.73	16.93	16.86	16.8	18.2
5		1	12	16.64	16.82	16.96	16.69	16.66	18.2
5		1	24	16.64	16.56	16.77	16.75	16.59	18.2
5		12	0	16.57	16.57	16.77	16.65	16.51	18.2
5		12	7	16.63	16.73	16.9	16.69	16.66	18.2
5		12	13	16.61	16.55	16.78	16.71	16.65	18.2
5		25	0	16.58	16.58	16.8	16.62	16.49	18.2

<LTE Band 41_Ant6_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.68	20.92	21.05	20.82	20.86	21.5
20		1	49	20.6	20.74	21	20.65	20.68	21.5
20		1	99	20.56	20.88	21.02	20.76	20.8	21.5
20		50	0	20.51	20.68	20.95	20.57	20.72	21.5
20		50	24	20.45	20.68	20.86	20.53	20.55	21.5
20		50	50	20.37	20.6	20.86	20.57	20.53	21.5
20		100	0	20.49	20.7	20.93	20.62	20.67	21.5
20	16QAM	1	0	20.46	20.77	20.91	20.63	20.59	21.5
20		1	49	20.5	20.68	20.94	20.57	20.69	21.5
20		1	99	20.49	20.72	20.95	20.58	20.71	21.5
20		50	0	20.57	20.71	20.97	20.61	20.65	21.5
20		50	24	20.46	20.71	20.9	20.57	20.68	21.5
20		50	50	20.45	20.72	20.91	20.58	20.58	21.5
20		100	0	20.55	20.76	21	20.75	20.67	21.5
20	64QAM	1	0	20.58	20.74	20.96	20.71	20.75	21.5
20		1	49	20.45	20.7	20.9	20.55	20.6	21.5
20		1	99	20.54	20.74	21.01	20.77	20.81	21.5
20		50	0	20.53	20.72	20.92	20.63	20.6	21.5
20		50	24	20.65	20.92	21.1	20.78	20.8	21.5
20		50	50	20.59	20.83	21.02	20.65	20.77	21.5
20		100	0	20.46	20.71	20.93	20.57	20.63	21.5
20	256QAM	1	0	18.99	19.27	19.41	19.06	19.21	20
20		1	49	19.07	19.4	19.53	19.29	19.32	20
20		1	99	19.11	19.34	19.56	19.3	19.27	20
20		50	0	19	19.24	19.38	19.05	19.07	20
20		50	24	19.13	19.33	19.58	19.25	19.27	20
20		50	50	19.02	19.32	19.46	19.17	19.25	20
20		100	0	19.2	19.3	19.56	19.27	19.31	20
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.56	20.78	20.92	20.73	20.73	21.5
15		1	37	20.57	20.68	20.87	20.63	20.58	21.5
15		1	74	20.49	20.73	20.96	20.74	20.72	21.5
15		36	0	20.42	20.54	20.93	20.51	20.64	21.5
15		36	20	20.43	20.56	20.74	20.4	20.44	21.5
15		36	39	20.31	20.54	20.77	20.55	20.49	21.5
15		75	0	20.43	20.59	20.84	20.49	20.52	21.5
15	16QAM	1	0	20.43	20.72	20.77	20.56	20.54	21.5
15		1	37	20.39	20.56	20.92	20.53	20.67	21.5
15		1	74	20.43	20.7	20.8	20.53	20.59	21.5
15		36	0	20.45	20.63	20.96	20.58	20.62	21.5
15		36	20	20.32	20.6	20.77	20.47	20.63	21.5
15		36	39	20.37	20.57	20.77	20.55	20.49	21.5
15		75	0	20.51	20.64	20.97	20.65	20.63	21.5
15	64QAM	1	0	20.44	20.68	20.83	20.64	20.65	21.5
15		1	37	20.34	20.61	20.85	20.46	20.58	21.5
15		1	74	20.43	20.7	20.92	20.69	20.74	21.5
15		36	0	20.43	20.62	20.77	20.51	20.55	21.5
15		36	20	20.62	20.81	21.07	20.66	20.79	21.5
15		36	39	20.49	20.71	20.95	20.54	20.75	21.5
15		75	0	20.39	20.65	20.8	20.48	20.58	21.5
15	256QAM	1	0	18.91	19.16	19.33	19.03	19.09	20
15		1	37	18.97	19.32	19.45	19.19	19.2	20
15		1	74	19.09	19.25	19.47	19.17	19.22	20
15		36	0	18.99	19.12	19.29	18.98	18.96	20
15		36	20	19.09	19.23	19.52	19.24	19.19	20
15		36	39	18.91	19.26	19.4	19.1	19.18	20
15		75	0	19.12	19.26	19.53	19.23	19.19	20
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.6	20.89	20.96	20.74	20.74	21.5
10		1	25	20.56	20.6	20.93	20.57	20.56	21.5
10		1	49	20.42	20.79	21	20.68	20.68	21.5
10		25	0	20.44	20.6	20.87	20.45	20.59	21.5
10		25	12	20.38	20.66	20.79	20.47	20.52	21.5
10		25	25	20.3	20.55	20.85	20.47	20.5	21.5
10		50	0	20.36	20.6	20.82	20.51	20.54	21.5
10	16QAM	1	0	20.36	20.62	20.79	20.53	20.53	21.5
10		1	25	20.47	20.56	20.88	20.53	20.59	21.5
10		1	49	20.42	20.67	20.89	20.44	20.7	21.5
10		25	0	20.44	20.56	20.85	20.58	20.55	21.5
10		25	12	20.39	20.61	20.88	20.49	20.65	21.5
10		25	25	20.43	20.58	20.8	20.52	20.49	21.5
10		50	0	20.51	20.73	20.98	20.67	20.55	21.5
10	64QAM	1	0	20.47	20.7	20.91	20.68	20.68	21.5
10		1	25	20.33	20.58	20.83	20.44	20.54	21.5
10		1	49	20.41	20.72	20.91	20.72	20.76	21.5
10		25	0	20.38	20.65	20.8	20.6	20.46	21.5
10		25	12	20.63	20.82	21.06	20.64	20.7	21.5
10		25	25	20.46	20.78	20.98	20.62	20.74	21.5
10		50	0	20.33	20.58	20.91	20.54	20.59	21.5
10	256QAM	1	0	18.95	19.18	19.32	18.91	19.07	20
10		1	25	19	19.38	19.51	19.26	19.25	20
10		1	49	19.08	19.24	19.41	19.17	19.14	20
10		25	0	18.95	19.09	19.25	19	19.01	20
10		25	12	19.09	19.27	19.52	19.18	19.23	20
10		25	25	19	19.31	19.35	19.1	19.13	20
10		50	0	19.16	19.2	19.51	19.23	19.22	20
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.54	20.78	21.03	20.8	20.72	21.5
5		1	12	20.51	20.69	20.97	20.61	20.63	21.5
5		1	24	20.47	20.8	21	20.65	20.69	21.5
5		12	0	20.49	20.64	20.93	20.43	20.71	21.5
5		12	7	20.36	20.56	20.82	20.49	20.51	21.5
5		12	13	20.32	20.52	20.81	20.52	20.46	21.5
5		25	0	20.35	20.61	20.85	20.54	20.53	21.5
5	16QAM	1	0	20.41	20.69	20.88	20.52	20.46	21.5
5		1	12	20.44	20.54	20.8	20.46	20.65	21.5
5		1	24	20.39	20.59	20.9	20.47	20.62	21.5
5		12	0	20.55	20.63	20.86	20.5	20.59	21.5
5		12	7	20.32	20.68	20.78	20.47	20.56	21.5
5		12	13	20.31	20.66	20.84	20.45	20.44	21.5
5		25	0	20.53	20.7	20.96	20.71	20.58	21.5
5	64QAM	1	0	20.48	20.63	20.86	20.59	20.67	21.5
5		1	12	20.36	20.68	20.76	20.41	20.45	21.5
5		1	24	20.45	20.66	20.91	20.65	20.7	21.5
5		12	0	20.45	20.64	20.86	20.51	20.51	21.5
5		12	7	20.56	20.85	21.07	20.73	20.74	21.5
5		12	13	20.5	20.76	20.99	20.61	20.63	21.5
5		25	0	20.44	20.56	20.88	20.48	20.58	21.5
5	256QAM	1	0	18.95	19.26	19.33	18.95	19.16	20
5		1	12	19.06	19.35	19.5	19.25	19.23	20
5		1	24	18.98	19.3	19.51	19.29	19.21	20
5		12	0	18.87	19.16	19.32	18.93	18.96	20
5		12	7	19.02	19.2	19.44	19.22	19.17	20
5		12	13	18.95	19.21	19.35	19.12	19.19	20
5		25	0	19.07	19.23	19.46	19.19	19.3	20

<LTE Band 41_Ant7_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.13	17.6	17.81	17.21	17.35	18.2
20		1	49	16.88	17.38	17.67	17	17.11	18.2
20		1	99	17.01	17.48	17.75	17.03	17.26	18.2
20		50	0	17.01	17.43	17.73	17.1	17.15	18.2
20		50	24	16.95	17.41	17.71	17.06	17.21	18.2
20		50	50	16.85	17.3	17.56	16.83	17.09	18.2
20		100	0	16.99	17.43	17.7	17.07	17.2	18.2
20	16QAM	1	0	17.13	17.54	17.84	17.17	17.34	18.2
20		1	49	17.03	17.55	17.84	17.12	17.25	18.2
20		1	99	16.97	17.49	17.75	17.05	17.27	18.2
20		50	0	17.07	17.46	17.79	17.06	17.24	18.2
20		50	24	17	17.43	17.69	16.96	17.2	18.2
20		50	50	17.12	17.5	17.84	17.18	17.23	18.2
20		100	0	16.94	17.43	17.68	16.95	17.12	18.2
20	64QAM	1	0	16.88	17.44	17.69	16.95	17.18	18.2
20		1	49	16.88	17.39	17.66	16.93	17.18	18.2
20		1	99	16.9	17.37	17.65	16.96	17.18	18.2
20		50	0	17	17.5	17.73	17.09	17.17	18.2
20		50	24	16.9	17.37	17.72	17.06	17.14	18.2
20		50	50	16.83	17.34	17.64	17.01	17.12	18.2
20		100	0	16.93	17.37	17.67	17.04	17.09	18.2
20	256QAM	1	0	16.89	17.45	17.7	17	17.12	18.2
20		1	49	17.01	17.45	17.7	16.96	17.11	18.2
20		1	99	17.01	17.53	17.8	17.18	17.25	18.2
20		50	0	17.13	17.57	17.87	17.15	17.37	18.2
20		50	24	16.94	17.45	17.7	17.06	17.19	18.2
20		50	50	16.94	17.38	17.73	16.98	17.23	18.2
20		100	0	17.05	17.4	17.75	17.06	17.28	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.1	17.49	17.69	17.12	17.25	18.2
15		1	37	16.81	17.24	17.65	16.87	17.02	18.2
15		1	74	16.88	17.38	17.6	17.02	17.21	18.2
15		36	0	16.9	17.3	17.58	17.05	17.12	18.2
15		36	20	16.82	17.38	17.63	16.98	17.19	18.2
15		36	39	16.8	17.28	17.52	16.8	16.97	18.2
15		75	0	16.86	17.39	17.65	16.94	17.05	18.2
15	16QAM	1	0	17.05	17.43	17.73	17.13	17.29	18.2
15		1	37	17	17.47	17.82	17.01	17.11	18.2
15		1	74	16.85	17.4	17.66	17.04	17.14	18.2
15		36	0	16.96	17.43	17.69	16.99	17.21	18.2
15		36	20	16.91	17.32	17.66	16.85	17.17	18.2
15		36	39	17.01	17.48	17.78	17.06	17.17	18.2
15		75	0	16.9	17.35	17.53	16.82	17.03	18.2
15	64QAM	1	0	16.8	17.4	17.68	16.93	17.04	18.2
15		1	37	16.86	17.3	17.56	16.8	17.07	18.2
15		1	74	16.8	17.35	17.58	16.82	17.14	18.2
15		36	0	16.89	17.44	17.61	17.06	17.15	18.2
15		36	20	16.85	17.32	17.63	17.05	17.08	18.2
15		36	39	16.82	17.2	17.56	16.91	17.06	18.2
15		75	0	16.87	17.26	17.61	17	17	18.2
15	256QAM	1	0	16.83	17.4	17.67	16.87	17.06	18.2
15		1	37	16.97	17.3	17.59	16.87	17.07	18.2
15		1	74	16.96	17.52	17.7	17.04	17.1	18.2
15		36	0	17.08	17.52	17.73	17.1	17.34	18.2
15		36	20	16.9	17.31	17.59	16.96	17.09	18.2
15		36	39	16.8	17.24	17.69	16.91	17.21	18.2
15		75	0	17.01	17.33	17.62	16.99	17.24	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.06	17.53	17.75	17.09	17.34	18.2
10		1	25	16.8	17.31	17.57	16.87	17.07	18.2
10		1	49	16.87	17.43	17.73	16.93	17.12	18.2
10		25	0	16.93	17.4	17.67	16.98	17.1	18.2
10		25	12	16.92	17.32	17.68	17.01	17.17	18.2
10		25	25	16.8	17.21	17.42	16.8	17.07	18.2
10		50	0	16.86	17.38	17.55	17.01	17.09	18.2
10	16QAM	1	0	16.99	17.5	17.78	17.06	17.23	18.2
10		1	25	17.02	17.47	17.74	17.02	17.21	18.2
10		1	49	16.92	17.45	17.71	16.92	17.14	18.2
10		25	0	17.02	17.38	17.7	17	17.22	18.2
10		25	12	16.87	17.35	17.55	16.83	17.13	18.2
10		25	25	16.99	17.46	17.82	17.05	17.17	18.2
10		50	0	16.81	17.41	17.58	16.82	17.07	18.2
10	64QAM	1	0	16.8	17.34	17.66	16.82	17.1	18.2
10		1	25	16.8	17.32	17.63	16.85	17.09	18.2
10		1	49	16.81	17.35	17.63	16.82	17.06	18.2
10		25	0	16.86	17.45	17.58	17.03	17.08	18.2
10		25	12	16.88	17.26	17.69	16.93	17.01	18.2
10		25	25	16.8	17.22	17.59	16.88	16.99	18.2
10		50	0	16.9	17.29	17.56	16.91	17.05	18.2
10	256QAM	1	0	16.8	17.41	17.59	16.92	17.05	18.2
10		1	25	16.88	17.39	17.68	16.82	16.98	18.2
10		1	49	16.9	17.43	17.77	17.06	17.14	18.2
10		25	0	17.02	17.44	17.76	17.11	17.29	18.2
10		25	12	16.8	17.43	17.68	16.93	17.11	18.2
10		25	25	16.88	17.23	17.65	16.88	17.2	18.2
10		50	0	16.97	17.3	17.64	17.03	17.19	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17	17.5	17.79	17.19	17.22	18.2
5		1	12	16.8	17.26	17.56	16.98	16.98	18.2
5		1	24	16.88	17.44	17.68	16.9	17.12	18.2
5		12	0	16.87	17.28	17.58	16.98	17.02	18.2
5		12	7	16.92	17.4	17.63	16.93	17.18	18.2
5		12	13	16.81	17.22	17.54	16.81	16.99	18.2
5		25	0	16.98	17.39	17.65	16.95	17.07	18.2
5	16QAM	1	0	17.06	17.42	17.8	17.06	17.26	18.2
5		1	12	16.96	17.48	17.69	17.06	17.1	18.2
5		1	24	16.93	17.37	17.7	16.94	17.16	18.2
5		12	0	16.95	17.45	17.67	16.93	17.16	18.2
5		12	7	16.94	17.3	17.62	16.9	17.18	18.2
5		12	13	17.07	17.43	17.74	17.1	17.2	18.2
5		25	0	16.85	17.35	17.64	16.94	17.01	18.2
5	64QAM	1	0	16.86	17.38	17.64	16.86	17.11	18.2
5		1	12	16.84	17.26	17.52	16.8	17.04	18.2
5		1	24	16.86	17.31	17.5	16.9	17.12	18.2
5		12	0	16.94	17.39	17.65	16.98	17.11	18.2
5		12	7	16.87	17.36	17.61	16.99	17.13	18.2
5		12	13	16.8	17.32	17.52	16.98	17.08	18.2
5		25	0	16.85	17.22	17.63	17	17.02	18.2
5	256QAM	1	0	16.8	17.36	17.58	16.94	17	18.2
5		1	12	16.87	17.3	17.68	16.86	17.1	18.2
5		1	24	16.95	17.51	17.77	17.07	17.18	18.2
5		12	0	17.11	17.44	17.84	17.14	17.33	18.2
5		12	7	16.82	17.33	17.64	16.94	17.04	18.2
5		12	13	16.83	17.36	17.62	16.97	17.14	18.2
5		25	0	16.96	17.36	17.68	16.99	17.25	18.2

<LTE Band 41_Ant4_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.44	22.65	22.73	22.35	22.54	23.2
20		1	49	22.23	22.44	22.58	22.06	22.35	23.2
20		1	99	22	22.21	22.41	22.02	22.09	23.2
20		50	0	21.13	21.33	21.47	21.01	21.21	22.2
20		50	24	21.08	21.32	21.45	21.08	21.15	22.2
20		50	50	21.05	21.27	21.43	20.96	21.13	22.2
20		100	0	21.08	21.28	21.43	20.93	21.2	22.2
20	16QAM	1	0	21.2	21.51	21.61	21.23	21.37	22.2
20		1	49	21.2	21.38	21.55	21.12	21.33	22.2
20		1	99	21.19	21.36	21.56	21.05	21.27	22.2
20		50	0	20.07	20.32	20.42	20.04	20.2	21.2
20		50	24	20.07	20.29	20.48	20.03	20.24	21.2
20		50	50	20.08	20.26	20.46	20.1	20.18	21.2
20		100	0	20.08	20.24	20.36	19.9	20.18	21.2
20	64QAM	1	0	20.32	20.54	20.66	20.27	20.39	21.2
20		1	49	20.35	20.63	20.72	20.24	20.42	21.2
20		1	99	20.26	20.41	20.58	20.15	20.3	21.2
20		50	0	19.08	19.25	19.43	19.06	19.24	20.2
20		50	24	19.15	19.35	19.44	19.07	19.15	20.2
20		50	50	19.12	19.41	19.49	19.03	19.3	20.2
20		100	0	19.16	19.31	19.46	19.06	19.28	20.2
20	256QAM	1	0	17.22	17.41	17.55	17.14	17.38	18.2
20		1	49	17.43	17.56	17.71	17.35	17.5	18.2
20		1	99	17.32	17.4	17.56	17.14	17.36	18.2
20		50	0	17.11	17.38	17.46	17.03	17.27	18.2
20		50	24	17.18	17.21	17.41	17.03	17.16	18.2
20		50	50	17.23	17.33	17.5	17.1	17.23	18.2
20		100	0	17.14	17.36	17.46	17.06	17.29	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.39	22.57	22.62	22.21	22.47	23.2
15		1	37	22.1	22.35	22.52	21.96	22.22	23.2
15		1	74	21.85	22.08	22.26	21.88	22.05	23.2
15		36	0	21.09	21.24	21.39	20.99	21.19	22.2
15		36	20	20.93	21.28	21.41	21.04	21.02	22.2
15		36	39	20.93	21.23	21.28	20.85	21.01	22.2
15		75	0	20.94	21.16	21.37	20.89	21.18	22.2
15	16QAM	1	0	21.07	21.49	21.49	21.09	21.28	22.2
15		1	37	21.15	21.26	21.51	21.06	21.32	22.2
15		1	74	21.13	21.34	21.42	20.93	21.15	22.2
15		36	0	19.99	20.24	20.37	19.92	20.18	21.2
15		36	20	19.94	20.18	20.43	19.97	20.22	21.2
15		36	39	20.03	20.19	20.38	20.07	20.13	21.2
15		75	0	19.95	20.11	20.35	19.85	20.04	21.2
15	64QAM	1	0	20.25	20.49	20.62	20.2	20.28	21.2
15		1	37	20.26	20.56	20.61	20.15	20.39	21.2
15		1	74	20.22	20.32	20.53	20.11	20.25	21.2
15		36	0	18.99	19.18	19.3	19.04	19.17	20.2
15		36	20	19.03	19.23	19.4	19.04	19.12	20.2
15		36	39	19.03	19.28	19.36	18.95	19.23	20.2
15		75	0	19.13	19.18	19.44	18.99	19.17	20.2
15	256QAM	1	0	17.07	17.37	17.44	17.05	17.29	18.2
15		1	37	17.4	17.49	17.61	17.22	17.41	18.2
15		1	74	17.19	17.29	17.47	17.08	17.29	18.2
15		36	0	16.96	17.37	17.32	16.91	17.25	18.2
15		36	20	17.11	17.07	17.29	16.99	17.06	18.2
15		36	39	17.09	17.3	17.37	17.07	17.22	18.2
15		75	0	17.1	17.23	17.43	17.01	17.18	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.42	22.57	22.63	22.34	22.44	23.2
10		1	25	22.14	22.34	22.49	21.93	22.29	23.2
10		1	49	21.95	22.2	22.35	22	22.07	23.2
10		25	0	21.07	21.31	21.36	20.94	21.2	22.2
10		25	12	20.98	21.29	21.37	20.97	21.13	22.2
10		25	25	20.94	21.18	21.36	20.88	21.07	22.2
10		50	0	20.99	21.18	21.39	20.8	21.11	22.2
10	16QAM	1	0	21.13	21.41	21.58	21.13	21.33	22.2
10		1	25	21.13	21.32	21.47	21.03	21.29	22.2
10		1	49	21.16	21.29	21.53	20.93	21.13	22.2
10		25	0	20.02	20.18	20.39	19.98	20.16	21.2
10		25	12	19.98	20.14	20.47	19.93	20.2	21.2
10		25	25	20	20.12	20.32	20.07	20.13	21.2
10		50	0	20.05	20.12	20.26	19.77	20.14	21.2
10	64QAM	1	0	20.3	20.45	20.63	20.26	20.28	21.2
10		1	25	20.31	20.57	20.59	20.16	20.34	21.2
10		1	49	20.23	20.35	20.56	20.13	20.24	21.2
10		25	0	18.95	19.16	19.39	18.96	19.17	20.2
10		25	12	19.11	19.31	19.29	18.97	19.07	20.2
10		25	25	19.02	19.38	19.37	18.96	19.15	20.2
10		50	0	19.08	19.24	19.34	18.96	19.26	20.2
10	256QAM	1	0	17.11	17.39	17.41	17.02	17.26	18.2
10		1	25	17.31	17.41	17.68	17.28	17.45	18.2
10		1	49	17.18	17.28	17.42	17.03	17.24	18.2
10		25	0	17.06	17.3	17.34	16.89	17.17	18.2
10		25	12	17.14	17.13	17.26	16.92	17.1	18.2
10		25	25	17.22	17.32	17.49	17.09	17.21	18.2
10		50	0	17.08	17.32	17.38	17	17.2	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.3	22.52	22.68	22.32	22.48	23.2
5		1	12	22.14	22.42	22.48	22.04	22.22	23.2
5		1	24	21.91	22.1	22.38	22	21.95	23.2
5		12	0	21.01	21.27	21.29	20.95	21.14	22.2
5		12	7	21.05	21.26	21.44	21.06	21.04	22.2
5		12	13	20.96	21.16	21.41	20.83	21.11	22.2
5		25	0	20.97	21.25	21.34	20.84	21.18	22.2
5	16QAM	1	0	21.19	21.47	21.47	21.11	21.29	22.2
5		1	12	21.18	21.28	21.48	21.06	21.19	22.2
5		1	24	21.13	21.3	21.44	20.9	21.14	22.2
5		12	0	20.04	20.23	20.36	19.9	20.1	21.2
5		12	7	19.96	20.18	20.4	19.94	20.18	21.2
5		12	13	20.04	20.18	20.4	19.99	20.06	21.2
5		25	0	20.04	20.13	20.34	19.84	20.1	21.2
5	64QAM	1	0	20.29	20.42	20.6	20.21	20.36	21.2
5		1	12	20.22	20.57	20.67	20.18	20.37	21.2
5		1	24	20.21	20.32	20.46	20.09	20.17	21.2
5		12	0	19	19.11	19.4	19.03	19.19	20.2
5		12	7	19.02	19.34	19.33	18.99	19.04	20.2
5		12	13	19.08	19.36	19.34	18.96	19.21	20.2
5		25	0	19.08	19.17	19.36	18.94	19.16	20.2
5	256QAM	1	0	17.08	17.33	17.48	17.02	17.36	18.2
5		1	12	17.36	17.43	17.6	17.31	17.47	18.2
5		1	24	17.3	17.31	17.49	17.04	17.29	18.2
5		12	0	17.08	17.25	17.42	16.88	17.16	18.2
5		12	7	17.13	17.18	17.28	16.96	17.03	18.2
5		12	13	17.13	17.27	17.44	17.03	17.13	18.2
5		25	0	17.03	17.22	17.44	16.97	17.22	18.2

<LTE Band 41_Ant5_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.99	19.07	19.16	19.06	19.03	20.2
20		1	49	18.85	18.87	19.1	18.9	18.87	20.2
20		1	99	18.89	18.97	19.1	18.98	18.92	20.2
20		50	0	18.98	19.14	19.26	19.05	19.03	20.2
20		50	24	18.7	18.72	18.94	18.81	18.79	20.2
20		50	50	18.75	18.82	19.06	18.89	18.84	20.2
20		100	0	18.9	18.91	19.14	19.02	18.92	20.2
20	16QAM	1	0	18.75	18.83	18.97	18.85	18.7	20.2
20		1	49	18.64	18.76	18.93	18.73	18.72	20.2
20		1	99	18.68	18.72	18.9	18.71	18.63	20.2
20		50	0	18.68	18.78	18.97	18.84	18.74	20.2
20		50	24	18.73	18.81	19.01	18.89	18.86	20.2
20		50	50	18.77	18.86	19.02	18.89	18.83	20.2
20		100	0	18.78	18.84	19.03	18.92	18.84	20.2
20	64QAM	1	0	18.77	18.75	18.98	18.75	18.78	20.2
20		1	49	18.65	18.73	18.9	18.68	18.76	20.2
20		1	99	18.72	18.82	18.98	18.86	18.82	20.2
20		50	0	18.81	18.92	19.05	18.93	18.89	20.2
20		50	24	18.71	18.83	18.95	18.72	18.71	20.2
20		50	50	18.71	18.88	19.02	18.8	18.75	20.2
20		100	0	18.69	18.81	18.92	18.68	18.66	20.2
20	256QAM	1	0	16.74	16.81	16.98	16.87	16.85	18.2
20		1	49	16.79	16.86	16.99	16.8	16.79	18.2
20		1	99	16.72	16.7	16.89	16.77	16.71	18.2
20		50	0	16.62	16.67	16.88	16.71	16.63	18.2
20		50	24	16.7	16.81	16.96	16.84	16.8	18.2
20		50	50	16.63	16.7	16.92	16.74	16.78	18.2
20		100	0	16.66	16.69	16.84	16.7	16.6	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.93	18.94	19.1	18.95	18.89	20.2
15		1	37	18.8	18.79	18.99	18.83	18.85	20.2
15		1	74	18.87	18.86	19.04	18.87	18.91	20.2
15		36	0	18.91	19.1	19.23	18.92	18.96	20.2
15		36	20	18.58	18.71	18.79	18.75	18.75	20.2
15		36	39	18.63	18.78	18.97	18.78	18.78	20.2
15		75	0	18.89	18.86	19.12	18.98	18.77	20.2
15	16QAM	1	0	18.73	18.74	18.9	18.71	18.65	20.2
15		1	37	18.54	18.63	18.82	18.7	18.65	20.2
15		1	74	18.61	18.58	18.76	18.57	18.59	20.2
15		36	0	18.56	18.76	18.83	18.78	18.68	20.2
15		36	20	18.67	18.76	18.92	18.79	18.8	20.2
15		36	39	18.66	18.76	18.99	18.81	18.79	20.2
15		75	0	18.74	18.79	19	18.84	18.71	20.2
15	64QAM	1	0	18.69	18.63	18.96	18.67	18.72	20.2
15		1	37	18.56	18.65	18.81	18.66	18.71	20.2
15		1	74	18.63	18.79	18.91	18.83	18.76	20.2
15		36	0	18.7	18.87	19	18.82	18.83	20.2
15		36	20	18.58	18.75	18.82	18.65	18.59	20.2
15		36	39	18.67	18.79	18.91	18.72	18.68	20.2
15		75	0	18.67	18.72	18.84	18.58	18.55	20.2
15	256QAM	1	0	16.6	16.77	16.94	16.74	16.74	18.2
15		1	37	16.68	16.74	16.94	16.69	16.75	18.2
15		1	74	16.58	16.65	16.75	16.67	16.56	18.2
15		36	0	16.59	16.57	16.79	16.61	16.6	18.2
15		36	20	16.6	16.7	16.93	16.71	16.75	18.2
15		36	39	16.48	16.68	16.87	16.64	16.72	18.2
15		75	0	16.61	16.55	16.69	16.64	16.56	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.85	18.98	19.02	18.98	18.97	20.2
10		1	25	18.79	18.76	19.04	18.77	18.72	20.2
10		1	49	18.75	18.83	19.04	18.91	18.78	20.2
10		25	0	18.91	19.12	19.12	18.99	18.93	20.2
10		25	12	18.56	18.62	18.82	18.74	18.77	20.2
10		25	25	18.69	18.8	18.94	18.84	18.82	20.2
10		50	0	18.87	18.87	19.11	18.87	18.85	20.2
10	16QAM	1	0	18.72	18.8	18.86	18.82	18.57	20.2
10		1	25	18.58	18.69	18.83	18.59	18.62	20.2
10		1	49	18.56	18.61	18.88	18.61	18.61	20.2
10		25	0	18.65	18.76	18.86	18.8	18.65	20.2
10		25	12	18.72	18.69	18.95	18.74	18.8	20.2
10		25	25	18.76	18.83	18.99	18.76	18.77	20.2
10		50	0	18.77	18.75	18.9	18.83	18.79	20.2
10	64QAM	1	0	18.65	18.71	18.89	18.62	18.72	20.2
10		1	25	18.56	18.65	18.84	18.6	18.64	20.2
10		1	49	18.7	18.74	18.89	18.75	18.7	20.2
10		25	0	18.77	18.81	19.04	18.9	18.77	20.2
10		25	12	18.6	18.73	18.92	18.7	18.61	20.2
10		25	25	18.59	18.85	18.96	18.65	18.69	20.2
10		50	0	18.55	18.67	18.86	18.58	18.57	20.2
10	256QAM	1	0	16.7	16.79	16.88	16.82	16.79	18.2
10		1	25	16.78	16.84	16.96	16.74	16.74	18.2
10		1	49	16.63	16.62	16.84	16.63	16.63	18.2
10		25	0	16.49	16.58	16.82	16.61	16.6	18.2
10		25	12	16.67	16.72	16.82	16.75	16.77	18.2
10		25	25	16.59	16.63	16.9	16.7	16.71	18.2
10		50	0	16.63	16.58	16.82	16.57	16.47	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.85	18.95	19.13	18.97	18.9	20.2
5		1	12	18.73	18.77	18.96	18.86	18.79	20.2
5		1	24	18.77	18.94	18.98	18.91	18.9	20.2
5		12	0	18.92	19.02	19.16	18.91	18.95	20.2
5		12	7	18.67	18.67	18.79	18.76	18.69	20.2
5		12	13	18.71	18.71	18.94	18.77	18.83	20.2
5		25	0	18.75	18.77	19.11	18.92	18.81	20.2
5	16QAM	1	0	18.72	18.77	18.94	18.79	18.68	20.2
5		1	12	18.63	18.65	18.82	18.65	18.7	20.2
5		1	24	18.6	18.67	18.75	18.62	18.57	20.2
5		12	0	18.66	18.76	18.87	18.73	18.59	20.2
5		12	7	18.58	18.76	18.9	18.78	18.81	20.2
5		12	13	18.72	18.77	18.94	18.78	18.75	20.2
5		25	0	18.72	18.78	18.96	18.85	18.77	20.2
5	64QAM	1	0	18.65	18.69	18.84	18.63	18.77	20.2
5		1	12	18.6	18.68	18.77	18.54	18.64	20.2
5		1	24	18.57	18.69	18.86	18.72	18.75	20.2
5		12	0	18.73	18.82	18.97	18.79	18.78	20.2
5		12	7	18.68	18.79	18.85	18.62	18.6	20.2
5		12	13	18.57	18.79	19	18.68	18.72	20.2
5		25	0	18.58	18.68	18.88	18.58	18.52	20.2
5	256QAM	1	0	16.73	16.73	16.93	16.86	16.8	18.2
5		1	12	16.64	16.82	16.96	16.69	16.66	18.2
5		1	24	16.64	16.56	16.77	16.75	16.59	18.2
5		12	0	16.57	16.57	16.77	16.65	16.51	18.2
5		12	7	16.63	16.73	16.9	16.69	16.66	18.2
5		12	13	16.61	16.55	16.78	16.71	16.65	18.2
5		25	0	16.58	16.58	16.8	16.62	16.49	18.2

<LTE Band 41_Ant6_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.22	24.32	24.48	24.34	24.37	25
20		1	49	24.02	24.06	24.35	24.16	24.22	25
20		1	99	24.04	24.17	24.37	24.1	24.22	25
20		50	0	23.13	23.21	23.57	23.24	23.25	24
20		50	24	23.31	23.44	23.55	23.45	23.4	24
20		50	50	23.4	23.46	23.52	23.46	23.52	24
20		100	0	23.23	23.38	23.56	23.33	23.31	24
20	16QAM	1	0	23.48	23.59	23.82	23.55	23.7	24
20		1	49	23.32	23.46	23.69	23.52	23.5	24
20		1	99	23.36	23.51	23.72	23.53	23.51	24
20		50	0	22.42	22.53	22.74	22.54	22.59	23
20		50	24	22.41	22.5	22.76	22.6	22.52	23
20		50	50	22.36	22.55	22.75	22.59	22.56	23
20		100	0	22.32	22.4	22.63	22.41	22.47	23
20	64QAM	1	0	22	22.12	22.32	22.08	22.09	23
20		1	49	22.15	22.13	22.4	22.23	22.26	23
20		1	99	21.95	22.14	22.3	22.03	22.18	23
20		50	0	21.29	21.36	21.55	21.35	21.33	22
20		50	24	21.15	21.34	21.51	21.31	21.32	22
20		50	50	21.41	21.56	21.75	21.61	21.54	22
20		100	0	21.47	21.45	21.73	21.54	21.55	22
20	256QAM	1	0	19.34	19.31	19.56	19.36	19.43	20
20		1	49	19.59	19.69	19.88	19.62	19.78	20
20		1	99	19.34	19.45	19.61	19.41	19.4	20
20		50	0	19.58	19.65	19.82	19.65	19.65	20
20		50	24	19.56	19.59	19.79	19.63	19.68	20
20		50	50	19.65	19.72	19.89	19.72	19.73	20
20		100	0	19.52	19.59	19.85	19.64	19.69	20
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.17	24.18	24.36	24.23	24.33	25
15		1	37	23.92	23.97	24.31	24.07	24.1	25
15		1	74	23.92	24.12	24.28	24.08	24.09	25
15		36	0	23.07	23.12	23.44	23.16	23.11	24
15		36	20	23.2	23.33	23.56	23.41	23.33	24
15		36	39	23.26	23.43	23.62	23.34	23.46	24
15		75	0	23.15	23.31	23.52	23.25	23.18	24
15	16QAM	1	0	23.41	23.54	23.75	23.47	23.58	24
15		1	37	23.29	23.38	23.61	23.39	23.36	24
15		1	74	23.28	23.49	23.68	23.49	23.48	24
15		36	0	22.35	22.47	22.62	22.39	22.51	23
15		36	20	22.39	22.39	22.68	22.55	22.49	23
15		36	39	22.31	22.41	22.61	22.5	22.42	23
15		75	0	22.2	22.36	22.57	22.35	22.41	23
15	64QAM	1	0	21.9	22.04	22.27	22.02	22.02	23
15		1	37	22.03	22.08	22.28	22.08	22.17	23
15		1	74	21.8	22.13	22.2	21.92	22.17	23
15		36	0	21.18	21.33	21.48	21.34	21.31	22
15		36	20	21.05	21.28	21.38	21.28	21.28	22
15		36	39	21.3	21.5	21.67	21.49	21.51	22
15		75	0	21.4	21.37	21.67	21.52	21.52	22
15	256QAM	1	0	19.2	19.2	19.45	19.24	19.29	20
15		1	37	19.47	19.55	19.73	19.57	19.72	20
15		1	74	19.29	19.37	19.51	19.27	19.3	20
15		36	0	19.48	19.6	19.73	19.63	19.64	20
15		36	20	19.49	19.54	19.66	19.54	19.61	20
15		36	39	19.52	19.61	19.82	19.69	19.7	20
15		75	0	19.45	19.53	19.73	19.49	19.6	20
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.09	24.18	24.43	24.32	24.26	25
10		1	25	24.01	23.99	24.24	24.14	24.13	25
10		1	49	23.93	24.08	24.32	24.04	24.13	25
10		25	0	22.98	23.1	23.42	23.17	23.23	24
10		25	12	23.25	23.33	23.54	23.42	23.26	24
10		25	25	23.26	23.4	23.63	23.4	23.48	24
10		50	0	23.2	23.27	23.53	23.26	23.2	24
10	16QAM	1	0	23.41	23.45	23.71	23.46	23.67	24
10		1	25	23.24	23.44	23.55	23.41	23.4	24
10		1	49	23.35	23.5	23.62	23.43	23.41	24
10		25	0	22.36	22.47	22.64	22.44	22.46	23
10		25	12	22.26	22.45	22.68	22.48	22.38	23
10		25	25	22.32	22.43	22.74	22.48	22.51	23
10		50	0	22.2	22.3	22.56	22.28	22.32	23
10	64QAM	1	0	21.93	21.97	22.19	21.96	22.03	23
10		1	25	22.02	22.02	22.35	22.13	22.19	23
10		1	49	21.81	22.1	22.2	21.94	22.04	23
10		25	0	21.16	21.27	21.4	21.34	21.22	22
10		25	12	21.07	21.23	21.41	21.19	21.17	22
10		25	25	21.35	21.5	21.72	21.55	21.4	22
10		50	0	21.43	21.36	21.71	21.5	21.53	22
10	256QAM	1	0	19.29	19.23	19.5	19.34	19.37	20
10		1	25	19.46	19.57	19.77	19.58	19.68	20
10		1	49	19.32	19.35	19.59	19.31	19.3	20
10		25	0	19.48	19.55	19.71	19.56	19.5	20
10		25	12	19.42	19.57	19.66	19.58	19.58	20
10		25	25	19.57	19.6	19.76	19.67	19.68	20
10		50	0	19.5	19.54	19.72	19.53	19.55	20
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.14	24.25	24.43	24.31	24.33	25
5		1	12	23.89	24.01	24.21	24.1	24.17	25
5		1	24	24.02	24.08	24.3	24.07	24.18	25
5		12	0	23.06	23.15	23.37	23.22	23.19	24
5		12	7	23.28	23.33	23.5	23.38	23.27	24
5		12	13	23.29	23.44	23.66	23.33	23.56	24
5		25	0	23.13	23.35	23.53	23.28	23.29	24
5	16QAM	1	0	23.4	23.53	23.71	23.5	23.62	24
5		1	12	23.29	23.35	23.65	23.49	23.46	24
5		1	24	23.24	23.36	23.68	23.52	23.47	24
5		12	0	22.37	22.49	22.63	22.51	22.49	23
5		12	7	22.4	22.41	22.65	22.48	22.47	23
5		12	13	22.34	22.45	22.66	22.46	22.41	23
5		25	0	22.26	22.34	22.48	22.33	22.41	23
5	64QAM	1	0	21.88	22.07	22.29	22.03	21.97	23
5		1	12	22.02	22	22.27	22.16	22.2	23
5		1	24	21.88	22.05	22.18	21.98	22.03	23
5		12	0	21.19	21.24	21.44	21.23	21.29	22
5		12	7	21.03	21.23	21.41	21.22	21.3	22
5		12	13	21.36	21.52	21.7	21.56	21.51	22
5		25	0	21.45	21.4	21.61	21.4	21.51	22
5	256QAM	1	0	19.27	19.22	19.55	19.3	19.3	20
5		1	12	19.58	19.55	19.81	19.57	19.68	20
5		1	24	19.32	19.31	19.57	19.34	19.3	20
5		12	0	19.45	19.63	19.75	19.52	19.51	20
5		12	7	19.52	19.48	19.66	19.48	19.56	20
5		12	13	19.58	19.64	19.88	19.67	19.61	20
5		25	0	19.48	19.51	19.73	19.61	19.59	20

<LTE Band 41_Ant7_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.13	17.6	17.81	17.21	17.35	18.2
20		1	49	16.88	17.38	17.67	17	17.11	18.2
20		1	99	17.01	17.48	17.75	17.03	17.26	18.2
20		50	0	17.01	17.43	17.73	17.1	17.15	18.2
20		50	24	16.95	17.41	17.71	17.06	17.21	18.2
20		50	50	16.85	17.3	17.56	16.83	17.09	18.2
20		100	0	16.99	17.43	17.7	17.07	17.2	18.2
20	16QAM	1	0	17.13	17.54	17.84	17.17	17.34	18.2
20		1	49	17.03	17.55	17.84	17.12	17.25	18.2
20		1	99	16.97	17.49	17.75	17.05	17.27	18.2
20		50	0	17.07	17.46	17.79	17.06	17.24	18.2
20		50	24	17	17.43	17.69	16.96	17.2	18.2
20		50	50	17.12	17.5	17.84	17.18	17.23	18.2
20		100	0	16.94	17.43	17.68	16.95	17.12	18.2
20	64QAM	1	0	16.88	17.44	17.69	16.95	17.18	18.2
20		1	49	16.88	17.39	17.66	16.93	17.18	18.2
20		1	99	16.9	17.37	17.65	16.96	17.18	18.2
20		50	0	17	17.5	17.73	17.09	17.17	18.2
20		50	24	16.9	17.37	17.72	17.06	17.14	18.2
20		50	50	16.83	17.34	17.64	17.01	17.12	18.2
20		100	0	16.93	17.37	17.67	17.04	17.09	18.2
20	256QAM	1	0	16.89	17.45	17.7	17	17.12	18.2
20		1	49	17.01	17.45	17.7	16.96	17.11	18.2
20		1	99	17.01	17.53	17.8	17.18	17.25	18.2
20		50	0	17.13	17.57	17.87	17.15	17.37	18.2
20		50	24	16.94	17.45	17.7	17.06	17.19	18.2
20		50	50	16.94	17.38	17.73	16.98	17.23	18.2
20		100	0	17.05	17.4	17.75	17.06	17.28	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.1	17.49	17.69	17.12	17.25	18.2
15		1	37	16.81	17.24	17.65	16.87	17.02	18.2
15		1	74	16.88	17.38	17.6	17.02	17.21	18.2
15		36	0	16.9	17.3	17.58	17.05	17.12	18.2
15		36	20	16.82	17.38	17.63	16.98	17.19	18.2
15		36	39	16.8	17.28	17.52	16.8	16.97	18.2
15		75	0	16.86	17.39	17.65	16.94	17.05	18.2
15	16QAM	1	0	17.05	17.43	17.73	17.13	17.29	18.2
15		1	37	17	17.47	17.82	17.01	17.11	18.2
15		1	74	16.85	17.4	17.66	17.04	17.14	18.2
15		36	0	16.96	17.43	17.69	16.99	17.21	18.2
15		36	20	16.91	17.32	17.66	16.85	17.17	18.2
15		36	39	17.01	17.48	17.78	17.06	17.17	18.2
15		75	0	16.9	17.35	17.53	16.82	17.03	18.2
15	64QAM	1	0	16.8	17.4	17.68	16.93	17.04	18.2
15		1	37	16.86	17.3	17.56	16.8	17.07	18.2
15		1	74	16.8	17.35	17.58	16.82	17.14	18.2
15		36	0	16.89	17.44	17.61	17.06	17.15	18.2
15		36	20	16.85	17.32	17.63	17.05	17.08	18.2
15		36	39	16.82	17.2	17.56	16.91	17.06	18.2
15		75	0	16.87	17.26	17.61	17	17	18.2
15	256QAM	1	0	16.83	17.4	17.67	16.87	17.06	18.2
15		1	37	16.97	17.3	17.59	16.87	17.07	18.2
15		1	74	16.96	17.52	17.7	17.04	17.1	18.2
15		36	0	17.08	17.52	17.73	17.1	17.34	18.2
15		36	20	16.9	17.31	17.59	16.96	17.09	18.2
15		36	39	16.8	17.24	17.69	16.91	17.21	18.2
15		75	0	17.01	17.33	17.62	16.99	17.24	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.06	17.53	17.75	17.09	17.34	18.2
10		1	25	16.8	17.31	17.57	16.87	17.07	18.2
10		1	49	16.87	17.43	17.73	16.93	17.12	18.2
10		25	0	16.93	17.4	17.67	16.98	17.1	18.2
10		25	12	16.92	17.32	17.68	17.01	17.17	18.2
10		25	25	16.8	17.21	17.42	16.8	17.07	18.2
10		50	0	16.86	17.38	17.55	17.01	17.09	18.2
10	16QAM	1	0	16.99	17.5	17.78	17.06	17.23	18.2
10		1	25	17.02	17.47	17.74	17.02	17.21	18.2
10		1	49	16.92	17.45	17.71	16.92	17.14	18.2
10		25	0	17.02	17.38	17.7	17	17.22	18.2
10		25	12	16.87	17.35	17.55	16.83	17.13	18.2
10		25	25	16.99	17.46	17.82	17.05	17.17	18.2
10		50	0	16.81	17.41	17.58	16.82	17.07	18.2
10	64QAM	1	0	16.8	17.34	17.66	16.82	17.1	18.2
10		1	25	16.8	17.32	17.63	16.85	17.09	18.2
10		1	49	16.81	17.35	17.63	16.82	17.06	18.2
10		25	0	16.86	17.45	17.58	17.03	17.08	18.2
10		25	12	16.88	17.26	17.69	16.93	17.01	18.2
10		25	25	16.8	17.22	17.59	16.88	16.99	18.2
10		50	0	16.9	17.29	17.56	16.91	17.05	18.2
10	256QAM	1	0	16.8	17.41	17.59	16.92	17.05	18.2
10		1	25	16.88	17.39	17.68	16.82	16.98	18.2
10		1	49	16.9	17.43	17.77	17.06	17.14	18.2
10		25	0	17.02	17.44	17.76	17.11	17.29	18.2
10		25	12	16.8	17.43	17.68	16.93	17.11	18.2
10		25	25	16.88	17.23	17.65	16.88	17.2	18.2
10		50	0	16.97	17.3	17.64	17.03	17.19	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17	17.5	17.79	17.19	17.22	18.2
5		1	12	16.8	17.26	17.56	16.98	16.98	18.2
5		1	24	16.88	17.44	17.68	16.9	17.12	18.2
5		12	0	16.87	17.28	17.58	16.98	17.02	18.2
5		12	7	16.92	17.4	17.63	16.93	17.18	18.2
5		12	13	16.81	17.22	17.54	16.81	16.99	18.2
5		25	0	16.98	17.39	17.65	16.95	17.07	18.2
5	16QAM	1	0	17.06	17.42	17.8	17.06	17.26	18.2
5		1	12	16.96	17.48	17.69	17.06	17.1	18.2
5		1	24	16.93	17.37	17.7	16.94	17.16	18.2
5		12	0	16.95	17.45	17.67	16.93	17.16	18.2
5		12	7	16.94	17.3	17.62	16.9	17.18	18.2
5		12	13	17.07	17.43	17.74	17.1	17.2	18.2
5		25	0	16.85	17.35	17.64	16.94	17.01	18.2
5	64QAM	1	0	16.86	17.38	17.64	16.86	17.11	18.2
5		1	12	16.84	17.26	17.52	16.8	17.04	18.2
5		1	24	16.86	17.31	17.5	16.9	17.12	18.2
5		12	0	16.94	17.39	17.65	16.98	17.11	18.2
5		12	7	16.87	17.36	17.61	16.99	17.13	18.2
5		12	13	16.8	17.32	17.52	16.98	17.08	18.2
5		25	0	16.85	17.22	17.63	17	17.02	18.2
5	256QAM	1	0	16.8	17.36	17.58	16.94	17	18.2
5		1	12	16.87	17.3	17.68	16.86	17.1	18.2
5		1	24	16.95	17.51	17.77	17.07	17.18	18.2
5		12	0	17.11	17.44	17.84	17.14	17.33	18.2
5		12	7	16.82	17.33	17.64	16.94	17.04	18.2
5		12	13	16.83	17.36	17.62	16.97	17.14	18.2
5		25	0	16.96	17.36	17.68	16.99	17.25	18.2

<LTE Band 41_Ant4_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.28	18.17	18.47	18.32	18.14	19.2
20		1	49	18.09	17.92	18.31	18.07	17.97	19.2
20		1	99	17.89	17.81	18.19	17.93	17.8	19.2
20		50	0	18.04	18.02	18.35	18.18	17.87	19.2
20		50	24	17.94	17.9	18.25	17.97	17.86	19.2
20		50	50	17.85	17.84	18.17	17.89	17.75	19.2
20		100	0	18.15	18	18.39	18.14	18.04	19.2
20	16QAM	1	0	17.87	17.75	18.12	17.91	17.74	19.2
20		1	49	17.91	17.78	18.18	18.01	17.71	19.2
20		1	99	17.88	17.68	18.1	17.85	17.63	19.2
20		50	0	17.77	17.63	18	17.79	17.66	19.2
20		50	24	17.95	17.93	18.25	18.01	17.86	19.2
20		50	50	17.89	17.79	18.12	17.86	17.76	19.2
20		100	0	18.08	18.03	18.36	18.08	18	19.2
20	64QAM	1	0	17.91	17.82	18.21	18.03	17.87	19.2
20		1	49	17.83	17.6	18.04	17.8	17.67	19.2
20		1	99	18.1	18.08	18.41	18.12	18.02	19.2
20		50	0	18	17.92	18.25	18.02	17.91	19.2
20		50	24	17.92	17.79	18.22	17.96	17.8	19.2
20		50	50	17.93	17.81	18.21	18.02	17.74	19.2
20		100	0	17.84	17.72	18.12	17.94	17.66	19.2
20	256QAM	1	0	17.33	17.13	17.55	17.29	17.1	18.2
20		1	49	17.41	17.18	17.61	17.37	17.28	18.2
20		1	99	17.33	17.22	17.56	17.28	17.17	18.2
20		50	0	17.24	17.11	17.46	17.21	17.07	18.2
20		50	24	17.1	17.03	17.41	17.22	17.01	18.2
20		50	50	17.27	17.18	17.5	17.33	17.18	18.2
20		100	0	17.2	17.07	17.46	17.27	17.12	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.14	18.1	18.44	18.23	18.08	19.2
15		1	37	18.07	17.78	18.25	17.93	17.87	19.2
15		1	74	17.79	17.68	18.13	17.86	17.76	19.2
15		36	0	17.99	17.91	18.31	18.05	17.74	19.2
15		36	20	17.79	17.78	18.11	17.92	17.78	19.2
15		36	39	17.75	17.79	18.09	17.74	17.72	19.2
15		75	0	18.04	17.87	18.38	18.07	17.98	19.2
15	16QAM	1	0	17.83	17.69	18.04	17.82	17.67	19.2
15		1	37	17.81	17.74	18.15	18	17.58	19.2
15		1	74	17.74	17.56	17.97	17.78	17.59	19.2
15		36	0	17.65	17.49	17.95	17.75	17.59	19.2
15		36	20	17.9	17.82	18.18	17.98	17.84	19.2
15		36	39	17.85	17.7	18.03	17.76	17.7	19.2
15		75	0	18.01	17.95	18.34	17.97	17.88	19.2
15	64QAM	1	0	17.87	17.81	18.12	17.89	17.79	19.2
15		1	37	17.75	17.54	17.91	17.76	17.56	19.2
15		1	74	18.02	17.95	18.34	18.07	18.01	19.2
15		36	0	17.9	17.86	18.2	17.88	17.89	19.2
15		36	20	17.77	17.77	18.1	17.91	17.72	19.2
15		36	39	17.79	17.8	18.07	17.93	17.61	19.2
15		75	0	17.78	17.69	17.98	17.87	17.64	19.2
15	256QAM	1	0	17.31	17	17.44	17.24	16.99	18.2
15		1	37	17.31	17.11	17.57	17.25	17.16	18.2
15		1	74	17.21	17.17	17.54	17.27	17.09	18.2
15		36	0	17.12	17.08	17.33	17.19	17.01	18.2
15		36	20	17.08	16.97	17.36	17.18	16.9	18.2
15		36	39	17.19	17.1	17.37	17.28	17.14	18.2
15		75	0	17.13	16.99	17.4	17.15	17.01	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.14	18.11	18.37	18.2	18.12	19.2
10		1	25	17.99	17.89	18.25	18	17.86	19.2
10		1	49	17.87	17.74	18.07	17.83	17.73	19.2
10		25	0	17.93	17.89	18.25	18.08	17.81	19.2
10		25	12	17.83	17.84	18.19	17.94	17.77	19.2
10		25	25	17.81	17.81	18.13	17.75	17.64	19.2
10		50	0	18.08	17.87	18.35	18.09	17.99	19.2
10	16QAM	1	0	17.75	17.61	18.08	17.82	17.68	19.2
10		1	25	17.79	17.7	18.14	17.94	17.65	19.2
10		1	49	17.83	17.61	18.03	17.76	17.55	19.2
10		25	0	17.72	17.59	17.91	17.7	17.57	19.2
10		25	12	17.83	17.83	18.16	17.97	17.75	19.2
10		25	25	17.77	17.66	17.98	17.82	17.64	19.2
10		50	0	18.07	17.97	18.32	18	17.9	19.2
10	64QAM	1	0	17.87	17.77	18.17	17.95	17.8	19.2
10		1	25	17.74	17.45	18	17.76	17.59	19.2
10		1	49	18.01	17.97	18.39	18.03	17.89	19.2
10		25	0	17.88	17.82	18.12	17.88	17.88	19.2
10		25	12	17.83	17.74	18.17	17.83	17.67	19.2
10		25	25	17.87	17.66	18.12	17.9	17.65	19.2
10		50	0	17.74	17.67	18.11	17.79	17.61	19.2
10	256QAM	1	0	17.19	17.07	17.54	17.25	17.02	18.2
10		1	25	17.36	17.1	17.48	17.35	17.17	18.2
10		1	49	17.32	17.17	17.43	17.2	17.12	18.2
10		25	0	17.18	17.05	17.33	17.06	17.01	18.2
10		25	12	17.03	16.98	17.33	17.08	16.88	18.2
10		25	25	17.16	17.09	17.35	17.29	17.09	18.2
10		50	0	17.15	17.01	17.39	17.24	16.98	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.14	18.03	18.37	18.29	18.04	19.2
5		1	12	18.06	17.86	18.17	18.03	17.94	19.2
5		1	24	17.79	17.78	18.05	17.79	17.77	19.2
5		12	0	17.92	17.91	18.29	18.11	17.76	19.2
5		12	7	17.83	17.77	18.23	17.93	17.75	19.2
5		12	13	17.76	17.81	18.07	17.83	17.67	19.2
5		25	0	18.08	17.99	18.27	18.07	17.98	19.2
5	16QAM	1	0	17.83	17.74	17.99	17.85	17.65	19.2
5		1	12	17.78	17.76	18.06	17.89	17.61	19.2
5		1	24	17.87	17.64	18.06	17.77	17.49	19.2
5		12	0	17.68	17.54	17.94	17.71	17.54	19.2
5		12	7	17.89	17.9	18.21	17.92	17.82	19.2
5		12	13	17.77	17.7	18.03	17.73	17.67	19.2
5		25	0	17.94	17.91	18.31	18	17.96	19.2
5	64QAM	1	0	17.81	17.79	18.12	17.92	17.8	19.2
5		1	12	17.76	17.49	17.9	17.77	17.62	19.2
5		1	24	17.98	17.99	18.29	18.09	17.89	19.2
5		12	0	17.96	17.82	18.19	18	17.77	19.2
5		12	7	17.8	17.76	18.09	17.9	17.66	19.2
5		12	13	17.81	17.76	18.12	17.98	17.66	19.2
5		25	0	17.82	17.61	18.02	17.88	17.52	19.2
5	256QAM	1	0	17.29	17.02	17.49	17.24	17	18.2
5		1	12	17.31	17.08	17.49	17.29	17.23	18.2
5		1	24	17.22	17.13	17.52	17.25	17.07	18.2
5		12	0	17.19	16.99	17.32	17.15	16.92	18.2
5		12	7	17.04	17.02	17.35	17.1	16.92	18.2
5		12	13	17.18	17.07	17.48	17.25	17.08	18.2
5		25	0	17.07	17.02	17.38	17.16	17.06	18.2

<LTE Band 41_Ant5_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.14	18.01	18.29	18.13	18.13	19.2
20		1	49	18.03	17.95	18.25	18.06	18.06	19.2
20		1	99	17.91	17.72	18.14	17.85	17.94	19.2
20		50	0	17.85	17.71	18.14	17.97	17.91	19.2
20		50	24	17.7	17.6	17.94	17.72	17.72	19.2
20		50	50	17.85	17.66	18.01	17.79	17.71	19.2
20		100	0	17.75	17.69	18.01	17.71	17.74	19.2
20	16QAM	1	0	17.64	17.54	17.91	17.66	17.67	19.2
20		1	49	17.56	17.47	17.83	17.62	17.6	19.2
20		1	99	17.7	17.6	17.92	17.72	17.64	19.2
20		50	0	17.7	17.54	17.91	17.72	17.61	19.2
20		50	24	17.57	17.42	17.81	17.54	17.57	19.2
20		50	50	17.73	17.67	17.98	17.78	17.71	19.2
20		100	0	17.94	17.83	18.13	17.87	17.93	19.2
20	64QAM	1	0	17.54	17.49	17.79	17.56	17.62	19.2
20		1	49	17.6	17.48	17.88	17.65	17.69	19.2
20		1	99	17.66	17.64	17.95	17.74	17.68	19.2
20		50	0	17.96	17.77	18.13	17.96	17.83	19.2
20		50	24	17.83	17.65	18.05	17.85	17.77	19.2
20		50	50	17.79	17.76	18.05	17.75	17.87	19.2
20		100	0	17.85	17.77	18.07	17.81	17.76	19.2
20	256QAM	1	0	16.77	16.63	16.98	16.73	16.71	18.2
20		1	49	16.82	16.71	16.99	16.72	16.72	18.2
20		1	99	16.74	16.59	16.89	16.62	16.71	18.2
20		50	0	16.72	16.48	16.88	16.68	16.66	18.2
20		50	24	16.72	16.61	16.96	16.71	16.68	18.2
20		50	50	16.69	16.61	16.92	16.62	16.64	18.2
20		100	0	16.56	16.52	16.84	16.68	16.56	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.11	17.94	18.2	17.98	18.08	19.2
15		1	37	18.01	17.91	18.21	18.02	18	19.2
15		1	74	17.89	17.63	18.13	17.74	17.8	19.2
15		36	0	17.7	17.67	18.02	17.84	17.82	19.2
15		36	20	17.57	17.48	17.83	17.57	17.64	19.2
15		36	39	17.74	17.55	17.87	17.77	17.62	19.2
15		75	0	17.63	17.58	17.98	17.66	17.71	19.2
15	16QAM	1	0	17.53	17.43	17.88	17.55	17.54	19.2
15		1	37	17.45	17.35	17.73	17.58	17.57	19.2
15		1	74	17.65	17.57	17.86	17.58	17.5	19.2
15		36	0	17.59	17.46	17.78	17.65	17.53	19.2
15		36	20	17.54	17.3	17.75	17.48	17.43	19.2
15		36	39	17.59	17.53	17.92	17.75	17.65	19.2
15		75	0	17.82	17.78	18.1	17.82	17.87	19.2
15	64QAM	1	0	17.43	17.41	17.66	17.5	17.58	19.2
15		1	37	17.54	17.38	17.78	17.52	17.66	19.2
15		1	74	17.58	17.56	17.82	17.61	17.57	19.2
15		36	0	17.91	17.73	18.06	17.94	17.7	19.2
15		36	20	17.74	17.63	17.95	17.74	17.68	19.2
15		36	39	17.67	17.71	17.97	17.66	17.84	19.2
15		75	0	17.82	17.69	18.05	17.72	17.71	19.2
15	256QAM	1	0	16.62	16.61	16.88	16.68	16.6	18.2
15		1	37	16.78	16.68	16.88	16.69	16.66	18.2
15		1	74	16.68	16.57	16.79	16.59	16.66	18.2
15		36	0	16.6	16.36	16.8	16.54	16.56	18.2
15		36	20	16.65	16.54	16.85	16.67	16.59	18.2
15		36	39	16.56	16.56	16.78	16.48	16.59	18.2
15		75	0	16.46	16.37	16.74	16.56	16.52	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.09	17.99	18.15	18.07	18.07	19.2
10		1	25	17.92	17.88	18.2	17.97	18.03	19.2
10		1	49	17.82	17.67	18.04	17.81	17.8	19.2
10		25	0	17.71	17.58	18.1	17.88	17.84	19.2
10		25	12	17.61	17.53	17.89	17.63	17.67	19.2
10		25	25	17.81	17.63	17.89	17.72	17.67	19.2
10		50	0	17.69	17.58	17.96	17.57	17.67	19.2
10	16QAM	1	0	17.5	17.46	17.77	17.6	17.55	19.2
10		1	25	17.47	17.41	17.78	17.53	17.46	19.2
10		1	49	17.6	17.52	17.85	17.64	17.62	19.2
10		25	0	17.68	17.46	17.85	17.7	17.48	19.2
10		25	12	17.55	17.31	17.7	17.53	17.43	19.2
10		25	25	17.66	17.57	17.9	17.74	17.64	19.2
10		50	0	17.8	17.72	18	17.8	17.9	19.2
10	64QAM	1	0	17.5	17.4	17.7	17.52	17.57	19.2
10		1	25	17.54	17.35	17.75	17.59	17.63	19.2
10		1	49	17.54	17.55	17.86	17.65	17.63	19.2
10		25	0	17.83	17.69	18	17.95	17.74	19.2
10		25	12	17.69	17.52	17.95	17.71	17.68	19.2
10		25	25	17.74	17.69	18	17.69	17.83	19.2
10		50	0	17.76	17.74	18.03	17.74	17.67	19.2
10	256QAM	1	0	16.76	16.62	16.93	16.63	16.57	18.2
10		1	25	16.75	16.66	16.95	16.57	16.71	18.2
10		1	49	16.65	16.5	16.85	16.57	16.67	18.2
10		25	0	16.62	16.4	16.84	16.57	16.52	18.2
10		25	12	16.64	16.57	16.94	16.58	16.63	18.2
10		25	25	16.59	16.57	16.9	16.59	16.59	18.2
10		50	0	16.48	16.39	16.73	16.55	16.5	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	18.06	17.97	18.22	18.1	17.98	19.2
5		1	12	17.94	17.85	18.22	17.99	18.04	19.2
5		1	24	17.77	17.61	18.08	17.72	17.83	19.2
5		12	0	17.77	17.61	18.09	17.83	17.82	19.2
5		12	7	17.65	17.56	17.84	17.61	17.63	19.2
5		12	13	17.77	17.55	17.87	17.76	17.69	19.2
5		25	0	17.72	17.55	17.93	17.63	17.64	19.2
5	16QAM	1	0	17.62	17.39	17.83	17.57	17.58	19.2
5		1	12	17.52	17.43	17.73	17.51	17.59	19.2
5		1	24	17.63	17.57	17.88	17.59	17.52	19.2
5		12	0	17.62	17.42	17.78	17.64	17.56	19.2
5		12	7	17.55	17.34	17.67	17.51	17.42	19.2
5		12	13	17.63	17.58	17.9	17.74	17.67	19.2
5		25	0	17.86	17.73	18.11	17.83	17.87	19.2
5	64QAM	1	0	17.5	17.36	17.67	17.44	17.56	19.2
5		1	12	17.52	17.35	17.82	17.54	17.65	19.2
5		1	24	17.54	17.57	17.91	17.63	17.59	19.2
5		12	0	17.94	17.63	18.01	17.92	17.73	19.2
5		12	7	17.8	17.59	18.03	17.78	17.7	19.2
5		12	13	17.76	17.69	17.91	17.74	17.83	19.2
5		25	0	17.73	17.7	18.05	17.71	17.73	19.2
5	256QAM	1	0	16.71	16.61	16.88	16.6	16.67	18.2
5		1	12	16.69	16.67	16.98	16.67	16.69	18.2
5		1	24	16.72	16.57	16.83	16.55	16.69	18.2
5		12	0	16.66	16.36	16.76	16.62	16.63	18.2
5		12	7	16.68	16.58	16.83	16.56	16.57	18.2
5		12	13	16.61	16.47	16.86	16.58	16.52	18.2
5		25	0	16.43	16.5	16.74	16.58	16.51	18.2

<LTE Band 41_Ant6_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.68	20.92	21.05	20.82	20.86	21.5
20		1	49	20.6	20.74	21	20.65	20.68	21.5
20		1	99	20.56	20.88	21.02	20.76	20.8	21.5
20		50	0	20.51	20.68	20.95	20.57	20.72	21.5
20		50	24	20.45	20.68	20.86	20.53	20.55	21.5
20		50	50	20.37	20.6	20.86	20.57	20.53	21.5
20		100	0	20.49	20.7	20.93	20.62	20.67	21.5
20	16QAM	1	0	20.46	20.77	20.91	20.63	20.59	21.5
20		1	49	20.5	20.68	20.94	20.57	20.69	21.5
20		1	99	20.49	20.72	20.95	20.58	20.71	21.5
20		50	0	20.57	20.71	20.97	20.61	20.65	21.5
20		50	24	20.46	20.71	20.9	20.57	20.68	21.5
20		50	50	20.45	20.72	20.91	20.58	20.58	21.5
20		100	0	20.55	20.76	21	20.75	20.67	21.5
20	64QAM	1	0	20.58	20.74	20.96	20.71	20.75	21.5
20		1	49	20.45	20.7	20.9	20.55	20.6	21.5
20		1	99	20.54	20.74	21.01	20.77	20.81	21.5
20		50	0	20.53	20.72	20.92	20.63	20.6	21.5
20		50	24	20.65	20.92	21.1	20.78	20.8	21.5
20		50	50	20.59	20.83	21.02	20.65	20.77	21.5
20		100	0	20.46	20.71	20.93	20.57	20.63	21.5
20	256QAM	1	0	18.99	19.27	19.41	19.06	19.21	20
20		1	49	19.07	19.4	19.53	19.29	19.32	20
20		1	99	19.11	19.34	19.56	19.3	19.27	20
20		50	0	19	19.24	19.38	19.05	19.07	20
20		50	24	19.13	19.33	19.58	19.25	19.27	20
20		50	50	19.02	19.32	19.46	19.17	19.25	20
20		100	0	19.2	19.3	19.56	19.27	19.31	20
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.56	20.78	20.92	20.73	20.73	21.5
15		1	37	20.57	20.68	20.87	20.63	20.58	21.5
15		1	74	20.49	20.73	20.96	20.74	20.72	21.5
15		36	0	20.42	20.54	20.93	20.51	20.64	21.5
15		36	20	20.43	20.56	20.74	20.4	20.44	21.5
15		36	39	20.31	20.54	20.77	20.55	20.49	21.5
15		75	0	20.43	20.59	20.84	20.49	20.52	21.5
15	16QAM	1	0	20.43	20.72	20.77	20.56	20.54	21.5
15		1	37	20.39	20.56	20.92	20.53	20.67	21.5
15		1	74	20.43	20.7	20.8	20.53	20.59	21.5
15		36	0	20.45	20.63	20.96	20.58	20.62	21.5
15		36	20	20.32	20.6	20.77	20.47	20.63	21.5
15		36	39	20.37	20.57	20.77	20.55	20.49	21.5
15		75	0	20.51	20.64	20.97	20.65	20.63	21.5
15	64QAM	1	0	20.44	20.68	20.83	20.64	20.65	21.5
15		1	37	20.34	20.61	20.85	20.46	20.58	21.5
15		1	74	20.43	20.7	20.92	20.69	20.74	21.5
15		36	0	20.43	20.62	20.77	20.51	20.55	21.5
15		36	20	20.62	20.81	21.07	20.66	20.79	21.5
15		36	39	20.49	20.71	20.95	20.54	20.75	21.5
15		75	0	20.39	20.65	20.8	20.48	20.58	21.5
15	256QAM	1	0	18.91	19.16	19.33	19.03	19.09	20
15		1	37	18.97	19.32	19.45	19.19	19.2	20
15		1	74	19.09	19.25	19.47	19.17	19.22	20
15		36	0	18.99	19.12	19.29	18.98	18.96	20
15		36	20	19.09	19.23	19.52	19.24	19.19	20
15		36	39	18.91	19.26	19.4	19.1	19.18	20
15		75	0	19.12	19.26	19.53	19.23	19.19	20
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.6	20.89	20.96	20.74	20.74	21.5
10		1	25	20.56	20.6	20.93	20.57	20.56	21.5
10		1	49	20.42	20.79	21	20.68	20.68	21.5
10		25	0	20.44	20.6	20.87	20.45	20.59	21.5
10		25	12	20.38	20.66	20.79	20.47	20.52	21.5
10		25	25	20.3	20.55	20.85	20.47	20.5	21.5
10		50	0	20.36	20.6	20.82	20.51	20.54	21.5
10	16QAM	1	0	20.36	20.62	20.79	20.53	20.53	21.5
10		1	25	20.47	20.56	20.88	20.53	20.59	21.5
10		1	49	20.42	20.67	20.89	20.44	20.7	21.5
10		25	0	20.44	20.56	20.85	20.58	20.55	21.5
10		25	12	20.39	20.61	20.88	20.49	20.65	21.5
10		25	25	20.43	20.58	20.8	20.52	20.49	21.5
10		50	0	20.51	20.73	20.98	20.67	20.55	21.5
10	64QAM	1	0	20.47	20.7	20.91	20.68	20.68	21.5
10		1	25	20.33	20.58	20.83	20.44	20.54	21.5
10		1	49	20.41	20.72	20.91	20.72	20.76	21.5
10		25	0	20.38	20.65	20.8	20.6	20.46	21.5
10		25	12	20.63	20.82	21.06	20.64	20.7	21.5
10		25	25	20.46	20.78	20.98	20.62	20.74	21.5
10		50	0	20.33	20.58	20.91	20.54	20.59	21.5
10	256QAM	1	0	18.95	19.18	19.32	18.91	19.07	20
10		1	25	19	19.38	19.51	19.26	19.25	20
10		1	49	19.08	19.24	19.41	19.17	19.14	20
10		25	0	18.95	19.09	19.25	19	19.01	20
10		25	12	19.09	19.27	19.52	19.18	19.23	20
10		25	25	19	19.31	19.35	19.1	19.13	20
10		50	0	19.16	19.2	19.51	19.23	19.22	20
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.54	20.78	21.03	20.8	20.72	21.5
5		1	12	20.51	20.69	20.97	20.61	20.63	21.5
5		1	24	20.47	20.8	21	20.65	20.69	21.5
5		12	0	20.49	20.64	20.93	20.43	20.71	21.5
5		12	7	20.36	20.56	20.82	20.49	20.51	21.5
5		12	13	20.32	20.52	20.81	20.52	20.46	21.5
5		25	0	20.35	20.61	20.85	20.54	20.53	21.5
5	16QAM	1	0	20.41	20.69	20.88	20.52	20.46	21.5
5		1	12	20.44	20.54	20.8	20.46	20.65	21.5
5		1	24	20.39	20.59	20.9	20.47	20.62	21.5
5		12	0	20.55	20.63	20.86	20.5	20.59	21.5
5		12	7	20.32	20.68	20.78	20.47	20.56	21.5
5		12	13	20.31	20.66	20.84	20.45	20.44	21.5
5		25	0	20.53	20.7	20.96	20.71	20.58	21.5
5	64QAM	1	0	20.48	20.63	20.86	20.59	20.67	21.5
5		1	12	20.36	20.68	20.76	20.41	20.45	21.5
5		1	24	20.45	20.66	20.91	20.65	20.7	21.5
5		12	0	20.45	20.64	20.86	20.51	20.51	21.5
5		12	7	20.56	20.85	21.07	20.73	20.74	21.5
5		12	13	20.5	20.76	20.99	20.61	20.63	21.5
5		25	0	20.44	20.56	20.88	20.48	20.58	21.5
5	256QAM	1	0	18.95	19.26	19.33	18.95	19.16	20
5		1	12	19.06	19.35	19.5	19.25	19.23	20
5		1	24	18.98	19.3	19.51	19.29	19.21	20
5		12	0	18.87	19.16	19.32	18.93	18.96	20
5		12	7	19.02	19.2	19.44	19.22	19.17	20
5		12	13	18.95	19.21	19.35	19.12	19.19	20
5		25	0	19.07	19.23	19.46	19.19	19.3	20

<LTE Band 41_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.13	17.6	17.81	17.21	17.35	18.2
20		1	49	16.88	17.38	17.67	17	17.11	18.2
20		1	99	17.01	17.48	17.75	17.03	17.26	18.2
20		50	0	17.01	17.43	17.73	17.1	17.15	18.2
20		50	24	16.95	17.41	17.71	17.06	17.21	18.2
20		50	50	16.85	17.3	17.56	16.83	17.09	18.2
20		100	0	16.99	17.43	17.7	17.07	17.2	18.2
20	16QAM	1	0	17.13	17.54	17.84	17.17	17.34	18.2
20		1	49	17.03	17.55	17.84	17.12	17.25	18.2
20		1	99	16.97	17.49	17.75	17.05	17.27	18.2
20		50	0	17.07	17.46	17.79	17.06	17.24	18.2
20		50	24	17	17.43	17.69	16.96	17.2	18.2
20		50	50	17.12	17.5	17.84	17.18	17.23	18.2
20		100	0	16.94	17.43	17.68	16.95	17.12	18.2
20	64QAM	1	0	16.88	17.44	17.69	16.95	17.18	18.2
20		1	49	16.88	17.39	17.66	16.93	17.18	18.2
20		1	99	16.9	17.37	17.65	16.96	17.18	18.2
20		50	0	17	17.5	17.73	17.09	17.17	18.2
20		50	24	16.9	17.37	17.72	17.06	17.14	18.2
20		50	50	16.83	17.34	17.64	17.01	17.12	18.2
20		100	0	16.93	17.37	17.67	17.04	17.09	18.2
20	256QAM	1	0	16.89	17.45	17.7	17	17.12	18.2
20		1	49	17.01	17.45	17.7	16.96	17.11	18.2
20		1	99	17.01	17.53	17.8	17.18	17.25	18.2
20		50	0	17.13	17.57	17.87	17.15	17.37	18.2
20		50	24	16.94	17.45	17.7	17.06	17.19	18.2
20		50	50	16.94	17.38	17.73	16.98	17.23	18.2
20		100	0	17.05	17.4	17.75	17.06	17.28	18.2
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.1	17.49	17.69	17.12	17.25	18.2
15		1	37	16.81	17.24	17.65	16.87	17.02	18.2
15		1	74	16.88	17.38	17.6	17.02	17.21	18.2
15		36	0	16.9	17.3	17.58	17.05	17.12	18.2
15		36	20	16.82	17.38	17.63	16.98	17.19	18.2
15		36	39	16.8	17.28	17.52	16.8	16.97	18.2
15		75	0	16.86	17.39	17.65	16.94	17.05	18.2
15	16QAM	1	0	17.05	17.43	17.73	17.13	17.29	18.2
15		1	37	17	17.47	17.82	17.01	17.11	18.2
15		1	74	16.85	17.4	17.66	17.04	17.14	18.2
15		36	0	16.96	17.43	17.69	16.99	17.21	18.2
15		36	20	16.91	17.32	17.66	16.85	17.17	18.2
15		36	39	17.01	17.48	17.78	17.06	17.17	18.2
15		75	0	16.9	17.35	17.53	16.82	17.03	18.2
15	64QAM	1	0	16.8	17.4	17.68	16.93	17.04	18.2
15		1	37	16.86	17.3	17.56	16.8	17.07	18.2
15		1	74	16.8	17.35	17.58	16.82	17.14	18.2
15		36	0	16.89	17.44	17.61	17.06	17.15	18.2
15		36	20	16.85	17.32	17.63	17.05	17.08	18.2
15		36	39	16.82	17.2	17.56	16.91	17.06	18.2
15		75	0	16.87	17.26	17.61	17	17	18.2
15	256QAM	1	0	16.83	17.4	17.67	16.87	17.06	18.2
15		1	37	16.97	17.3	17.59	16.87	17.07	18.2
15		1	74	16.96	17.52	17.7	17.04	17.1	18.2
15		36	0	17.08	17.52	17.73	17.1	17.34	18.2
15		36	20	16.9	17.31	17.59	16.96	17.09	18.2
15		36	39	16.8	17.24	17.69	16.91	17.21	18.2
15		75	0	17.01	17.33	17.62	16.99	17.24	18.2
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.06	17.53	17.75	17.09	17.34	18.2
10		1	25	16.8	17.31	17.57	16.87	17.07	18.2
10		1	49	16.87	17.43	17.73	16.93	17.12	18.2
10		25	0	16.93	17.4	17.67	16.98	17.1	18.2
10		25	12	16.92	17.32	17.68	17.01	17.17	18.2
10		25	25	16.8	17.21	17.42	16.8	17.07	18.2
10		50	0	16.86	17.38	17.55	17.01	17.09	18.2
10	16QAM	1	0	16.99	17.5	17.78	17.06	17.23	18.2
10		1	25	17.02	17.47	17.74	17.02	17.21	18.2
10		1	49	16.92	17.45	17.71	16.92	17.14	18.2
10		25	0	17.02	17.38	17.7	17	17.22	18.2
10		25	12	16.87	17.35	17.55	16.83	17.13	18.2
10		25	25	16.99	17.46	17.82	17.05	17.17	18.2
10		50	0	16.81	17.41	17.58	16.82	17.07	18.2
10	64QAM	1	0	16.8	17.34	17.66	16.82	17.1	18.2
10		1	25	16.8	17.32	17.63	16.85	17.09	18.2
10		1	49	16.81	17.35	17.63	16.82	17.06	18.2
10		25	0	16.86	17.45	17.58	17.03	17.08	18.2
10		25	12	16.88	17.26	17.69	16.93	17.01	18.2
10		25	25	16.8	17.22	17.59	16.88	16.99	18.2
10		50	0	16.9	17.29	17.56	16.91	17.05	18.2
10	256QAM	1	0	16.8	17.41	17.59	16.92	17.05	18.2
10		1	25	16.88	17.39	17.68	16.82	16.98	18.2
10		1	49	16.9	17.43	17.77	17.06	17.14	18.2
10		25	0	17.02	17.44	17.76	17.11	17.29	18.2
10		25	12	16.8	17.43	17.68	16.93	17.11	18.2
10		25	25	16.88	17.23	17.65	16.88	17.2	18.2
10		50	0	16.97	17.3	17.64	17.03	17.19	18.2
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	17	17.5	17.79	17.19	17.22	18.2
5		1	12	16.8	17.26	17.56	16.98	16.98	18.2
5		1	24	16.88	17.44	17.68	16.9	17.12	18.2
5		12	0	16.87	17.28	17.58	16.98	17.02	18.2
5		12	7	16.92	17.4	17.63	16.93	17.18	18.2
5		12	13	16.81	17.22	17.54	16.81	16.99	18.2
5		25	0	16.98	17.39	17.65	16.95	17.07	18.2
5	16QAM	1	0	17.06	17.42	17.8	17.06	17.26	18.2
5		1	12	16.96	17.48	17.69	17.06	17.1	18.2
5		1	24	16.93	17.37	17.7	16.94	17.16	18.2
5		12	0	16.95	17.45	17.67	16.93	17.16	18.2
5		12	7	16.94	17.3	17.62	16.9	17.18	18.2
5		12	13	17.07	17.43	17.74	17.1	17.2	18.2
5		25	0	16.85	17.35	17.64	16.94	17.01	18.2
5	64QAM	1	0	16.86	17.38	17.64	16.86	17.11	18.2
5		1	12	16.84	17.26	17.52	16.8	17.04	18.2
5		1	24	16.86	17.31	17.5	16.9	17.12	18.2
5		12	0	16.94	17.39	17.65	16.98	17.11	18.2
5		12	7	16.87	17.36	17.61	16.99	17.13	18.2
5		12	13	16.8	17.32	17.52	16.98	17.08	18.2
5		25	0	16.85	17.22	17.63	17	17.02	18.2
5	256QAM	1	0	16.8	17.36	17.58	16.94	17	18.2
5		1	12	16.87	17.3	17.68	16.86	17.1	18.2
5		1	24	16.95	17.51	17.77	17.07	17.18	18.2
5		12	0	17.11	17.44	17.84	17.14	17.33	18.2
5		12	7	16.82	17.33	17.64	16.94	17.04	18.2
5		12	13	16.83	17.36	17.62	16.97	17.14	18.2
5		25	0	16.96	17.36	17.68	16.99	17.25	18.2

<FR1 n38_Ant4_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.13	22.3	21.72	23.2
40		1	53	21.99	22.21	21.61	23.2
40		1	104	22.03	22.21	21.5	23.2
40	PI/2 BPSK	50	0	21.37	21.61	20.95	22.7
40		50	28	22.03	22.26	21.56	23.2
40		50	56	21.37	21.65	20.96	22.7
40		100	0	21.44	21.74	21.06	22.7
40		1	1	21.9	22.16	21.51	23.2
40		1	53	21.93	22.13	21.51	23.2
40		1	104	21.82	22	21.3	23.2
40	QPSK	50	0	20.85	21.06	20.39	22.2
40		50	28	22.04	22.23	21.52	23.2
40		50	56	20.85	21.1	20.43	22.2
40		100	0	21.01	21.24	20.63	22.2
40	16QAM	1	1	20.73	21.04	20.36	22.2
40	64QAM	1	1	18.4	18.58	18.09	20.7
40	256QAM	1	1	17.41	17.56	17.02	18.7
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	22.1	22.23	21.6	23.2
Channel				516300	519000	521700	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2590	2597.5	
25	PI/2 BPSK	1	1	22.09	22.22	21.61	23.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	22.01	22.23	21.69	23.2
Channel				515300	519000	522700	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	22.06	22.16	21.59	23.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	22.03	22.26	21.66	23.2
Channel				514850	519000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2617.5	
5	PI/2 BPSK	1	1	22.01	22.2	21.63	23.2

<FR1 n41_Ant4_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.89	21.35	21.34	23.2
100		1	137	20.78	21.3	21.2	22.2
100		1	271	20.86	21.32	21.18	22.2
100	PI/2 BPSK	135	0	20.09	21.13	21.09	21.7
100		135	69	20.88	21.34	21.2	22.2
100		135	138	20.8	21.3	21.17	21.7
100		270	0	20.76	21.26	21.12	21.7
100		1	1	20.04	21.06	20.91	22.2
100		1	137	20.81	21.32	21.22	22.2
100		1	271	20.22	20.49	20.09	22.2
100	QPSK	135	0	20.12	20.59	20.51	21.2
100		135	69	20.85	21.33	21.29	22.2
100		135	138	19.87	20.32	20.21	21.2
100		270	0	20.08	20.54	20.44	21.2
100	16QAM	1	1	20.03	20.97	20.83	21.2
100	64QAM	1	1	19.16	19.55	19.39	19.7
100	256QAM	1	1	17.1	17.5	17.46	17.7
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.82	21.35	21.25	22.2
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	20.83	21.33	21.26	22.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.86	21.31	21.28	22.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.89	21.31	21.19	22.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	20.82	21.32	21.28	22.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.84	21.34	21.29	22.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.82	21.35	21.21	22.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	20.9	21.37	21.29	22.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.82	21.2	21.3	22.2
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	21.2	21.19	22.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	20.83	21.31	21.22	22.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.88	21.23	21.33	22.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.83	21.23	21.25	22.2

<FR1 n41_HPUE_Ant4_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.75	22.34	22.23	23.2
100		1	137	21.51	22.14	21.88	23.2
100		1	271	20.91	21.34	21.14	23.2
100	PI/2 BPSK	135	0	21.66	21.72	21.56	22.7
100		135	69	21.38	22.07	21.91	23.2
100		135	138	20.74	21.42	21.2	22.7
100		270	0	21.11	21.73	21.55	22.7
100		1	1	21.7	22.32	22.19	23.2
100		1	137	21.34	21.98	21.86	23.2
100		1	271	20.8	21.42	21.29	23.2
100	QPSK	135	0	20.91	21.21	20.97	22.2
100		135	69	21.32	21.95	21.77	23.2
100		135	138	19.8	20.31	20.09	22.2
100		270	0	20.36	21.02	20.83	22.2
100	16QAM	1	1	20.26	20.95	20.69	22.2
100	64QAM	1	1	18.05	19.16	19.04	20.7
100	256QAM	1	1	16.58	17.17	16.98	18.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.7	22.33	22.21	23.2
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	21.74	22.3	22.21	23.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.65	22.29	22.2	23.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.61	22.25	22.13	23.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	21.68	22.23	22.15	23.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.62	22.25	22.16	23.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.7	22.31	22.11	23.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	21.68	22.29	22.14	23.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.63	22.26	22.13	23.2
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.66	22.2	22.21	23.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	21.67	22.32	22.22	23.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.61	22.26	22.13	23.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.66	22.32	22.14	23.2

<FR1 n38_Ant5_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	23.04	22.1	23.09	23.2
40		1	53	21.67	21.62	21.71	23.2
40		1	104	21.61	21.71	21.58	23.2
40	PI/2 BPSK	50	0	21.56	21.43	21.3	22.7
40		50	28	21.76	21.62	21.76	23.2
40		50	56	21.65	21.19	21.15	22.7
40		100	0	21.28	21.36	21.28	22.7
40		1	1	21.24	21.31	21.29	23.2
40		1	53	20.99	21.18	21.06	23.2
40		1	104	21.1	21.22	21.16	23.2
40	QPSK	50	0	20.31	20.49	20.32	22.2
40		50	28	21.05	21.24	21.12	23.2
40		50	56	20.29	20.45	20.29	22.2
40		100	0	20.27	20.43	20.34	22.2
40	16QAM	1	1	20.52	20.59	20.54	22.2
40	64QAM	1	1	19.06	19.17	19.06	20.7
40	256QAM	1	1	17.23	17.35	17.26	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	22.02	22.04	22.08	23.2
Channel				516000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2580	2607.3	
25	PI/2 BPSK	1	1	22.01	22.06	22.06	23.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	21.89	21.96	21.96	23.2
Channel				515200	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2577.2	2580	2612.8	
15	PI/2 BPSK	1	1	21.91	22.05	22.04	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	22.01	22.05	22.07	23.2
Channel				514500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	21.97	22.08	21.97	23.2

<FR1 n41_Ant5_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506292	518598	529200	
Frequency (MHz)				2496.01	2592.99	2645	
100		1	1	20.8	21.06	21.03	23.2
100		1	137	20.6	21.02	20.92	22.2
100	PI/2 BPSK	1	271	20.11	20.48	20.36	22.2
100		135	0	20.69	21.05	20.99	21.7
100		135	69	20.65	21.06	20.98	22.2
100		135	138	20.19	20.52	20.38	21.7
100		270	0	20.5	20.87	20.73	21.7
100		1	1	20.6	20.9	20.71	22.2
100		1	137	20.35	20.72	20.61	22.2
100		1	271	19.8	19.82	19.81	22.2
100	QPSK	135	0	19.55	19.88	19.71	21.2
100		135	69	20.32	20.68	20.56	22.2
100		135	138	19.11	19.45	19.28	21.2
100		270	0	19.38	19.65	19.46	21.2
100	16QAM	1	1	19.65	19.69	19.61	21.2
100	64QAM	1	1	18.33	18.49	18.38	19.7
100	256QAM	1	1	17.17	17.42	17.24	17.7
Channel				506292	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.71	20.98	20.99	22.2
Channel				507264	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.78	21.05	21.01	22.2
Channel				506532	518598	531060	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.76	21.01	20.92	22.2
Channel				505260	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.72	21.02	20.89	22.2
Channel				504264	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	20.66	21.03	20.96	22.2
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.66	20.94	20.93	22.2
Channel				503262	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.31	2592.99	2670	
40	PI/2 BPSK	1	1	20.75	20.95	20.93	22.2
Channel				502704	518598	534468	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	20.75	20.96	20.92	22.2
Channel				502260	518598	534966	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.66	21	20.98	22.2
Channel				501792	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.73	21.01	20.95	22.2
Channel				501264	518598	535968	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.69	20.98	20.95	22.2
Channel				500760	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.66	20.98	20.92	22.2
Channel				500262	518598	537060	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.7	20.96	20.96	22.2

<FR1 n41_HPUE_Ant5_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506292	518598	529200	
Frequency (MHz)				2496.01	2592.99	2645	
100		1	1	21.74	22.32	22.08	23.2
100		1	137	21.15	21.86	21.58	23.2
100	PI/2 BPSK	1	271	20.98	21.67	21.42	23.2
100		135	0	20.94	21.6	21.32	22.7
100		135	69	21.25	21.96	21.68	23.2
100		135	138	20.55	21.19	20.94	22.7
100		270	0	20.77	21.45	21.16	22.7
100		1	1	21.36	21.97	21.67	23.2
100		1	137	20.91	20.98	20.8	23.2
100		1	271	20.4	21.22	20.96	23.2
100	QPSK	135	0	20.11	20.88	20.45	22.2
100		135	69	20.86	21.49	21.23	23.2
100		135	138	19.81	20.15	19.87	22.2
100		270	0	20.21	20.57	20.32	22.2
100	16QAM	1	1	20.06	20.65	20.37	22.2
100	64QAM	1	1	18.52	19.06	18.78	20.7
100	256QAM	1	1	17.09	17.61	17.29	18.7
Channel				506292	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	21.7	22.21	21.98	23.2
Channel				507264	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.71	22.19	22.01	23.2
Channel				506532	518598	531060	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.65	22.24	21.94	23.2
Channel				505260	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.64	22.24	21.97	23.2
Channel				504264	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	21.68	22.27	22.06	23.2
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.62	22.27	21.98	23.2
Channel				503262	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.31	2592.99	2670	
40	PI/2 BPSK	1	1	21.7	22.25	21.99	23.2
Channel				502704	518598	534468	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	21.59	22.17	21.96	23.2
Channel				502260	518598	534966	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.63	22.25	22.04	23.2
Channel				501792	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.58	22.29	22.05	23.2
Channel				501264	518598	535968	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.68	22.22	21.98	23.2
Channel				500760	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.67	22.3	21.97	23.2
Channel				500262	518598	537060	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.61	22.3	22.03	23.2

<FR1 n38_Ant6_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.56	22.53	22.41	23.2
40		1	53	22.2	22.01	22.37	23.2
40		1	104	22.07	22.38	22.16	23.2
40	PI/2 BPSK	50	0	21.7	21.66	21.81	22.7
40		50	28	22.24	22.5	22.25	23.2
40		50	56	21.56	21.79	21.57	22.7
40		100	0	21.63	21.65	21.67	22.7
40		1	1	22.14	22.35	22.2	23.2
40		1	53	22.07	22.36	22.19	23.2
40		1	104	21.97	22.16	21.97	23.2
40	QPSK	50	0	21.15	21.37	21.17	22.2
40		50	28	22.01	22.33	22.12	23.2
40		50	56	21.09	21.35	21.16	22.2
40		100	0	21.18	21.39	21.26	22.2
40	16QAM	1	1	21.02	21.22	21.01	22.2
40	64QAM	1	1	18.58	19.76	18.52	20.7
40	256QAM	1	1	17.45	17.71	17.5	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	22.33	22.39	22.32	23.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2580	2607.5	
25	PI/2 BPSK	1	1	22.28	22.61	22.28	23.2
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	22.26	22.42	22.36	23.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	22.31	22.44	22.34	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	22.22	22.47	22.27	23.2
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	22.21	22.45	22.3	23.2

<FR1 n41_Ant6_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.29	23.58	23.31	24
100		1	137	22.99	23.3	22.99	24
100		1	271	23.1	23.56	23.22	24
100	PI/2 BPSK	135	0	22.79	23.25	22.93	24
100		135	69	22.98	23.47	23.16	24
100		135	138	23.02	23.45	23.1	24
100		270	0	22.86	23.31	22.96	24
100		1	1	22.81	23.24	22.85	24
100		1	137	22.74	23.22	22.92	24
100		1	271	23	23.43	23.03	24
100	QPSK	135	0	22.73	23.12	22.8	24
100		135	69	22.73	23.19	22.83	24
100		135	138	22.82	23.3	22.99	24
100		270	0	22.68	23.29	22.91	24
100	16QAM	1	1	22.75	23.13	22.8	24
100	64QAM	1	1	22.08	22.46	22.67	23.5
100	256QAM	1	1	19.91	19.59	19.5	21.5
Channel				506200	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.1	23.56	23.19	24
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2645.99	
80	PI/2 BPSK	1	1	23.16	23.52	23.24	24
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.16	23.46	23.24	24
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.12	23.45	23.17	24
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	23.17	23.44	23.3	24
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.08	23.43	23.22	24
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.44	23.3	24
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.47	23.26	24
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.2	23.53	23.2	24
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.08	23.47	23.24	24
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	23.14	23.48	23.3	24
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.15	23.56	23.19	24
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.1	23.53	23.27	24

<FR1 n41_HPUE_Ant6_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	24.31	24.55	24.4	25
100		1	137	23.91	24.32	24.05	25
100		1	271	23.99	23.97	23.99	25
100	PI/2 BPSK	135	0	23.82	24.3	24.11	24.5
100		135	69	24.09	24.4	24.11	25
100		135	138	24.12	24.4	24.11	24.5
100		270	0	24.02	24.27	24.05	24.5
100		1	1	24	24.3	24.04	25
100		1	137	23.85	24.21	23.93	25
100		1	271	24.1	24.45	24.29	25
100	QPSK	135	0	23.36	23.6	23.4	24
100		135	69	23.8	24.07	23.83	25
100		135	138	23.52	23.85	23.65	24
100		270	0	23.52	23.89	23.65	24
100	16QAM	1	1	23.42	23.72	23.53	24
100	64QAM	1	1	21.74	22	21.79	22.5
100	256QAM	1	1	19.83	20.07	19.84	20.5
Channel				506200	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.3	24.48	24.33	25
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.04	2592.99	2645.99	
80	PI/2 BPSK	1	1	24.24	24.48	24.3	25
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.16	24.42	24.35	25
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.42	24.3	25
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	24.25	24.51	24.36	25
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.26	24.5	24.3	25
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.22	24.48	24.27	25
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.3	24.54	24.38	25
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.21	24.46	24.3	25
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.19	24.51	24.36	25
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	24.22	24.53	24.33	25
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.27	24.46	24.33	25
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.19	24.42	24.3	25

<FR1 n38_Ant7_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	20.76	20.79	20.59	21.7
40		1	53	19.96	20.12	19.92	21.7
40		1	104	19.74	19.92	19.6	21.7
40	PI/2 BPSK	50	0	19.64	20.01	19.79	21.2
40		50	28	20.19	20.27	20	21.7
40		50	56	19.58	19.62	19.39	21.2
40		100	0	19.66	19.8	19.5	21.2
40		1	1	20.55	20.62	20.33	21.7
40		1	53	20.02	20.14	19.93	21.7
40		1	104	19.61	19.77	19.46	21.7
40	QPSK	50	0	19.42	19.47	19.2	20.7
40		50	28	20.08	20.15	19.85	21.7
40		50	56	19.54	19.56	19.7	20.7
40		100	0	19.2	19.25	19.02	20.7
40	16QAM	1	1	19.52	19.58	19.34	20.7
40	64QAM	1	1	17.56	18.09	17.8	19.2
40	256QAM	1	1	16.53	16.11	15.86	17.2
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	20.67	20.79	20.48	21.7
Channel				516000	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2590	2597.5	
25	PI/2 BPSK	1	1	20.71	20.69	20.48	21.7
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	20.64	20.72	20.47	21.7
Channel				515300	519000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	20.69	20.72	20.47	21.7
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	20.7	20.76	20.54	21.7
Channel				514850	519000	523350	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2607.5	
5	PI/2 BPSK	1	1	20.72	20.72	20.51	21.7

<FR1 n41_Ant7_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2693	
100		1	1	21.84	22.49	22.62	23.5
100		1	137	21.38	22.41	21.95	23.5
100		1	271	21.27	22.48	22.05	23.5
100	PI/2 BPSK	135	0	21.02	22.69	22.2	23.5
100		135	69	21.38	22.45	22.08	23.5
100		135	138	21.16	22.37	21.94	23.5
100		270	0	21.09	22.54	22.09	23.5
100		1	1	21.47	22.91	22.4	23.5
100		1	137	21.07	22.34	21.93	23.5
100		1	271	21.25	22.45	22.02	23.5
100	QPSK	135	0	21.37	22.64	22.14	23.5
100		135	69	21.23	22.42	22	23.5
100		135	138	21.13	22.29	21.84	23.5
100		270	0	21.08	22.43	21.93	23.5
100	16QAM	1	1	21.08	22.81	22.33	23.5
100	64QAM	1	1	20.24	21.41	21.03	22
100	256QAM	1	1	18.36	19.32	18.92	21
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.72	22.89	22.65	23.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.79	22.85	22.61	23.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.7	22.96	22.59	23.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.79	22.95	22.55	23.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.75	22.89	22.59	23.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.76	22.94	22.51	23.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.81	22.84	22.57	23.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.81	22.94	22.48	23.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.73	22.85	22.59	23.5
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.71	22.91	22.54	23.5
Channel				501254	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.8	22.87	22.52	23.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.7	22.98	22.6	23.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.72	22.96	22.53	23.5

<FR1 n41_HPUE_Ant7_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2693	
100		1	1	22.66	23.49	23.71	24.5
100		1	137	22.5	23.37	22.94	24.5
100		1	271	22.5	23.36	23.07	24.5
100	PI/2 BPSK	135	0	22	23.62	22.8	24
100		135	69	22.52	23.37	23.1	24.5
100		135	138	22	22.79	22.54	24
100		270	0	22	22.82	22.6	24
100		1	1	22.5	23.79	23.39	24.5
100		1	137	22.5	23.27	22.95	24.5
100		1	271	22.51	23.31	23	24.5
100	QPSK	135	0	21.52	22.5	22.24	23.5
100		135	69	22.5	23.29	22.95	24.5
100		135	138	21.5	22.23	21.95	23.5
100		270	0	21.51	22.44	22.2	23.5
100	16QAM	1	1	21.52	22.7	22.46	23.5
100	64QAM	1	1	20.04	21.21	20.99	22
100	256QAM	1	1	18.13	19.39	18.97	20
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.57	23.88	23.91	24.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.55	23.88	23.63	24.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.52	23.86	23.62	24.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.55	23.92	23.62	24.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.6	23.92	23.65	24.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.51	23.76	23.68	24.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.54	23.9	23.59	24.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.59	23.8	23.62	24.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.6	23.9	23.68	24.5
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.52	23.9	23.58	24.5
Channel				501254	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	23.87	23.63	24.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.52	23.83	23.58	24.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.52	23.82	23.67	24.5

<FR1 n38_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	16.2	16.25	16.19	17.2
40		1	53	16.06	16.24	16.07	17.2
40		1	104	15.68	15.86	15.77	17.2
40	PI/2 BPSK	50	0	16.06	16.22	16.05	17.2
40		50	28	16.15	16.24	16.02	17.2
40		50	56	16.1	16.22	16.09	17.2
40		100	0	16.06	16.19	16.1	17.2
40		1	1	16.17	16.34	16.19	17.2
40		1	53	15.79	15.93	15.73	17.2
40		1	104	16.09	16.27	16.09	17.2
40	QPSK	50	0	13.93	16.1	13.91	17.2
40		50	28	16.1	16.23	16.05	17.2
40		50	56	16.1	16.26	16.1	17.2
40		100	0	16.04	16.19	16.1	17.2
40	16QAM	1	1	15.95	16.03	15.95	17.2
40	64QAM	1	1	15.89	16.06	15.95	17.2
40	256QAM	1	1	16.15	16.25	16.09	17.2
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2590	2615	
30	PI/2 BPSK	1	1	16.19	16.11	16.1	17.2
Channel				510500	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2562.5	2590	2617.5	
25	PI/2 BPSK	1	1	16.11	16.14	16.09	17.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2560	2590	2620	
20	PI/2 BPSK	1	1	16.16	16.17	16.04	17.2
Channel				510250	516000	522250	Tune-up Limit (dBm)
Frequency (MHz)				2017.5	2590	2012.5	
15	PI/2 BPSK	1	1	16.09	16.19	16.13	17.2
Channel				510000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2070	2590	2610	
10	PI/2 BPSK	1	1	16.11	16.18	16.16	17.2
Channel				514000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2072.5	2590	2617.5	
5	PI/2 BPSK	1	1	16.06	16.18	16.05	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526390	
Frequency (MHz)				2496.01	2592.99	2640	
100		1	1	16.2	16.27	16.28	17.2
100		1	137	15.78	16.05	15.87	17.2
100	PI/2 BPSK	1	271	16.09	16.25	16.2	17.2
100		135	0	16.1	16.19	16.09	17.2
100		135	69	16.07	16.25	16.22	17.2
100		135	138	16.09	16.21	16.18	17.2
100		270	0	16.13	16.23	16.1	17.2
100		1	1	16.04	16.24	16.12	17.2
100		1	137	16.13	16.29	16.28	17.2
100		1	271	16.15	16.31	16.23	17.2
100	QPSK	135	0	15.95	16.09	16.04	17.2
100		135	69	16.14	16.26	16.23	17.2
100		135	138	16.17	16.35	16.36	17.2
100		270	0	16.08	16.22	16.19	17.2
100	16QAM	1	1	16.2	16.27	16.27	17.2
100	64QAM	1	1	16.13	16.28	16.21	17.2
100	256QAM	1	1	15.76	15.91	15.85	17.2
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.08	16.16	16.15	17.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.1	16.13	16.24	17.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.08	16.23	16.24	17.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.25	16.16	17.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.08	16.18	16.14	17.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.14	16.14	16.23	17.2
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.14	16.18	16.17	17.2
Channel				503704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2518.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.07	16.24	16.16	17.2
Channel				503990	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2519	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.09	16.14	16.23	17.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.11	16.25	16.17	17.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.09	16.23	16.15	17.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.25	16.15	17.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.09	16.13	16.14	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506402	518598	526390	
Frequency (MHz)				2496.01	2592.99	2640	
100		1	1	16.43	16.27	16.45	20.2
100		1	137	19.21	19.41	19.18	20.2
100	PI/2 BPSK	1	271	19.19	19.36	19.19	20.2
100		135	0	18.98	19.36	19.09	20.2
100		135	69	19.15	19.41	19.26	20.2
100		135	138	19.26	19.49	19.25	20.2
100		270	0	19.21	19.39	19.18	20.2
100		1	1	19.14	19.39	19.02	20.2
100		1	137	19.21	19.37	19.21	20.2
100		1	271	19.39	19.55	19.37	20.2
100	QPSK	135	0	19.14	19.36	19.1	20.2
100		135	69	19.01	19.28	19.09	20.2
100		135	138	19.13	19.41	19.21	20.2
100		270	0	19.03	19.27	19.09	20.2
100	16QAM	1	1	19.03	19.21	19.06	20.2
100	64QAM	1	1	19.1	19.32	19.09	20.2
100	256QAM	1	1	19.29	19.44	19.29	20.2
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	19.32	19.45	19.34	20.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.36	19.56	19.36	20.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.36	19.52	19.32	20.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.36	19.48	19.37	20.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.39	19.55	19.35	20.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.38	19.43	19.41	20.2
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.35	19.54	19.39	20.2
Channel				503704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2518.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.3	19.49	19.31	20.2
Channel				503990	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2519	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.42	19.52	19.34	20.2
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.35	19.49	19.42	20.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.38	19.47	19.43	20.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.34	19.44	19.31	20.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.36	19.54	19.41	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	15.66	15.74	15.61	16.2
40		1	53	15.06	15.17	15.01	16.2
40		1	104	15.09	15.25	15.02	16.2
40	PI/2 BPSK	50	0	15.01	15.02	15.06	16.2
40		50	28	15.38	15.47	15.35	16.2
40		50	56	15.06	15.22	15.01	16.2
40		100	0	15.09	15.3	15.14	16.2
40		1	1	15.04	15.19	14.95	16.2
40		1	53	14.69	14.91	14.65	16.2
40		1	104	15.02	15.01	15.09	16.2
40	QPSK	50	0	14.71	14.91	14.67	16.2
40		50	28	14.87	14.98	14.72	16.2
40		50	56	15.45	15.68	15.46	16.2
40		100	0	15.01	15.24	15	16.2
40	16QAM	1	1	14.6	14.82	14.56	16.2
40	64QAM	1	1	15.53	15.75	15.5	16.2
40	256QAM	1	1	14.92	15.02	14.83	16.2
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.6	15.62	15.49	16.2
Channel				516300	519000	521700	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.53	15.66	15.53	16.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.61	15.61	15.55	16.2
Channel				515300	519000	522700	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.54	15.69	15.52	16.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.51	15.63	15.53	16.2
Channel				514650	519000	523350	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	PI/2 BPSK	1	1	15.5	15.64	15.46	16.2

<FR1 n41_Ant5_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	15.94	16.02	15.83	16.7
100		1	137	15.37	15.5	15.46	16.7
100		1	271	15.75	15.82	15.79	16.7
100	PI/2 BPSK	135	0	15.68	15.85	15.78	16.7
100		135	69	15.71	15.87	15.74	16.7
100		135	138	15.82	15.81	15.81	16.7
100		270	0	15.68	15.87	15.68	16.7
100		1	1	15.59	15.69	15.54	16.7
100		1	137	15.61	15.87	15.68	16.7
100		1	271	15.72	15.83	15.73	16.7
100	QPSK	135	0	15.54	15.77	15.58	16.7
100		135	69	15.59	15.75	15.6	16.7
100		135	138	15.71	15.88	15.68	16.7
100		270	0	15.57	15.74	15.54	16.7
100	16QAM	1	1	15.68	15.84	15.63	16.7
100	64QAM	1	1	15.73	15.94	15.73	16.7
100	256QAM	1	1	15.52	15.74	15.54	16.7
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	15.83	15.88	15.81	16.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.86	15.92	15.85	16.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.8	15.87	15.86	16.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.85	15.92	15.87	16.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.8	16.01	15.85	16.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.83	15.99	15.79	16.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.85	16.01	15.91	16.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.86	15.94	15.82	16.7
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.88	15.93	15.79	16.7
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	15.78	15.96	15.79	16.7
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.79	15.94	15.79	16.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.87	15.87	15.79	16.7
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.79	15.96	15.77	16.7

<FR1 n41_HPUE_Ant5_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	16.67	16.03	16.52	19.7
100		1	137	16.72	16.98	16.81	19.7
100		1	271	16.8	16.98	16.77	19.7
100	PI/2 BPSK	135	0	16.68	16.86	16.73	19.7
100		135	69	16.63	19.01	16.75	19.7
100		135	138	16.45	16.7	16.57	19.7
100		270	0	16.62	16	16.77	19.7
100		1	1	16.01	16.76	16.59	19.7
100		1	137	16.52	16.71	16.58	19.7
100		1	271	16.5	16.73	16.46	19.7
100	QPSK	135	0	16.5	16.8	16.58	19.7
100		135	69	16.55	16.85	16.71	19.7
100		135	138	16.49	16.79	16.64	19.7
100		270	0	16.66	16.55	16.67	19.7
100	16QAM	1	1	16.71	16.9	16.75	19.7
100	64QAM	1	1	16.41	16.89	16.48	19.7
100	256QAM	1	1	16.63	16.89	16.67	19.7
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.63	16.98	16.87	19.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.75	16.89	16.88	19.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.66	16.9	16.84	19.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.62	19.01	16.76	19.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.65	16.92	16.85	19.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.76	16.9	16.9	19.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.73	16.9	16.82	19.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	16.92	16.87	19.7
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.76	16.89	16.86	19.7
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	16.84	16.93	16.83	19.7
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.72	19	16.84	19.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.85	16.96	16.83	19.7
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.82	16.9	16.8	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.56	22.53	22.41	23.2
40		1	53	22.2	22.01	22.37	23.2
40		1	104	22.07	22.38	22.16	23.2
40	PI/2 BPSK	50	0	21.7	21.66	21.81	22.7
40		50	28	22.24	22.5	22.25	23.2
40		50	56	21.56	21.79	21.57	22.7
40		100	0	21.63	21.65	21.67	22.7
40		1	1	22.14	22.35	22.2	23.2
40		1	53	22.07	22.36	22.19	23.2
40		1	104	21.97	22.16	21.97	23.2
40	QPSK	50	0	21.15	21.37	21.17	22.2
40		50	28	22.01	22.33	22.12	23.2
40		50	56	21.09	21.35	21.16	22.2
40		100	0	21.18	21.39	21.26	22.2
40	16QAM	1	1	21.02	21.22	21.01	22.2
40	64QAM	1	1	18.58	19.76	18.52	20.7
40	256QAM	1	1	17.45	17.71	17.5	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	22.33	22.39	22.32	23.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2580	2607.5	
25	PI/2 BPSK	1	1	22.28	22.61	22.28	23.2
Channel				516600	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	22.26	22.42	22.36	23.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	22.31	22.44	22.34	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	22.22	22.47	22.27	23.2
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	22.21	22.45	22.3	23.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.29	23.58	23.31	24
100		1	137	22.99	23.3	22.99	24
100	PI/2 BPSK	1	271	23.1	23.56	23.22	24
100		135	0	22.79	23.25	22.93	24
100		135	69	22.98	23.47	23.16	24
100		135	138	23.02	23.45	23.1	24
100		270	0	22.86	23.31	22.96	24
100		1	1	22.91	23.24	22.93	24
100		1	137	22.74	23.22	22.92	24
100		1	271	23	23.43	23.03	24
100	QPSK	135	0	22.73	23.12	22.8	24
100		135	69	22.73	23.19	22.83	24
100		135	138	22.82	23.3	22.99	24
100		270	0	22.88	23.29	22.91	24
100	16QAM	1	1	22.75	23.13	22.8	24
100	64QAM	1	1	22.08	22.96	22.67	23.5
100	256QAM	1	1	19.91	19.59	19.5	21.5
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.1	23.56	23.19	24
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.16	23.52	23.24	24
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.16	23.46	23.24	24
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.12	23.45	23.17	24
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.98	
50	PI/2 BPSK	1	1	23.17	23.44	23.3	24
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.08	23.43	23.22	24
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.44	23.3	24
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.47	23.26	24
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.2	23.53	23.2	24
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.08	23.47	23.24	24
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	23.14	23.48	23.3	24
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.15	23.56	23.19	24
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.1	23.53	23.27	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	24.31	24.55	24.4	25
100		1	137	23.91	24.32	24.05	25
100	PI/2 BPSK	1	271	23.99	23.97	23.99	25
100		135	0	23.82	24.3	24.11	24.5
100		135	69	24.08	24.4	24.11	25
100		135	138	24.12	24.4	24.11	24.5
100		270	0	24.02	24.27	24.05	24.5
100		1	1	24	24.3	24.04	25
100		1	137	23.85	24.21	23.93	25
100		1	271	24.1	24.45	24.29	25
100	QPSK	135	0	23.36	23.6	23.4	24
100		135	69	23.8	24.07	23.83	25
100		135	138	23.52	23.85	23.65	24
100		270	0	23.52	23.89	23.65	24
100	16QAM	1	1	23.42	23.72	23.53	24
100	64QAM	1	1	21.74	22	21.79	22.5
100	256QAM	1	1	19.83	20.07	19.84	20.5
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.3	24.48	24.33	25
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.24	24.49	24.3	25
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.16	24.42	24.35	25
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.42	24.3	25
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.98	
50	PI/2 BPSK	1	1	24.25	24.51	24.36	25
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.26	24.5	24.3	25
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.22	24.48	24.27	25
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.3	24.54	24.38	25
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.21	24.46	24.3	25
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.18	24.51	24.36	25
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	24.22	24.53	24.33	25
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.27	24.46	24.33	25
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.19	24.42	24.3	25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.63	17.63	17.67	19.2
40		1	53	17.58	17.61	17.79	19.2
40		1	104	17.73	17.63	17.9	19.2
40	PI/2 BPSK	50	0	17.75	17.67	17.96	19.2
40		50	28	17.7	17.9	17.99	19.2
40		50	56	17.67	17.9	17.93	19.2
40		100	0	17.76	17.96	18	19.2
40		1	1	17.69	17.62	17.95	19.2
40		1	53	17.72	17.65	17.92	19.2
40		1	104	17.62	17.69	17.94	19.2
40	QPSK	50	0	17.6	17.79	17.75	19.2
40		50	28	17.64	17.86	17.88	19.2
40		50	56	17.69	17.9	17.78	19.2
40		100	0	17.6	17.85	17.85	19.2
40	16QAM	1	1	17.81	17.95	17.95	19.2
40	64QAM	1	1	17.62	17.87	17.92	19.2
40	256QAM	1	1	16.15	16.28	16.24	17.7
Channel				521000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2685	2595	2685	
30	PI/2 BPSK	1	1	17.71	17.88	17.85	19.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.0	2595	2697.5	
25	PI/2 BPSK	1	1	17.74	17.88	17.83	19.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2700	
20	PI/2 BPSK	1	1	17.81	17.8	17.86	19.2
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.0	2595	2712.5	
15	PI/2 BPSK	1	1	17.72	17.83	17.92	19.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2725	
10	PI/2 BPSK	1	1	17.71	17.88	17.94	19.2
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2737.5	
5	PI/2 BPSK	1	1	17.75	17.83	17.83	19.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	16.94	17.32	17.14	18
100		1	137	16.84	17.3	16.94	18
100		1	271	16.73	17.39	16.93	18
100	PI/2 BPSK	135	0	16.73	17.44	16.89	18
100		135	69	16.67	17.52	17.07	18
100		135	138	16.78	17.5	16.99	18
100		270	0	16.66	17.49	17.03	18
100		1	1	16.71	17.38	16.91	18
100		1	137	16.75	17.43	16.93	18
100		1	271	16.73	17.45	16.99	18
100	QPSK	135	0	16.69	17.37	16.85	18
100		135	69	16.69	17.44	16.98	18
100		135	138	16.79	17.53	17	18
100		270	0	16.64	17.5	17	18
100	16QAM	1	1	16.65	17.38	16.91	18
100	64QAM	1	1	16.7	17.44	16.99	18
100	256QAM	1	1	15.68	16.38	15.93	17
Channel				506202	518598	526590	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.88	17.49	17.12	18
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.8	17.47	17.01	18
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.82	17.49	17.05	18
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.84	17.41	16.99	18
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.8	17.48	17.06	18
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.86	17.41	17.12	18
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.84	17.52	17.1	18
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	17.43	17.13	18
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.8	17.54	17.04	18
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.86	17.41	17.01	18
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.86	17.46	17.08	18
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.87	17.46	17.04	18
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.89	17.46	17.08	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.52	20.7	20.45	21
100		1	137	20.08	20.36	20.01	21
100		1	271	20.14	20.46	20.19	21
100	PI/2 BPSK	135	0	20.25	20.52	20.26	21
100		135	69	20.36	20.58	20.3	21
100		135	138	20.27	20.54	20.22	21
100		270	0	20.06	20.33	19.98	21
100		1	1	20.19	20.48	20.12	21
100		1	137	20.18	20.47	20.13	21
100		1	271	20.2	20.41	20.1	21
100	QPSK	135	0	20.17	20.45	20.06	21
100		135	69	20.25	20.58	20.26	21
100		135	138	20.31	20.62	20.29	21
100		270	0	19.99	20.23	19.91	21
100	16QAM	1	1	20.26	20.57	20.19	21
100	64QAM	1	1	20.4	20.7	20.41	21
100	256QAM	1	1	19.24	19.55	19.3	20
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.49	20.58	20.3	21
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.39	20.68	20.31	21
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.46	20.67	20.42	21
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.48	20.65	20.35	21
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.42	20.6	20.37	21
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.45	20.58	20.34	21
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.47	20.68	20.32	21
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.44	20.58	20.41	21
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.48	20.6	20.34	21
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.5	20.56	20.35	21
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.43	20.56	20.31	21
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.38	20.66	20.41	21
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.49	20.63	20.43	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.16	17.32	17.26	18.2
40		1	53	16.98	17.11	16.97	18.2
40		1	104	16.85	17.12	16.96	18.2
40	PI/2 BPSK	50	0	17.11	17.24	17.16	18.2
40		50	28	16.92	17.3	17.11	18.2
40		50	56	16.8	17.09	17	18.2
40		100	0	17.11	17.24	17.16	18.2
40		1	1	16.74	17.01	16.87	18.2
40		1	53	16.96	17.18	17.07	18.2
40		1	104	17.07	17.3	17.14	18.2
40	QPSK	50	0	16.88	17.09	16.99	18.2
40		50	28	16.73	17	16.93	18.2
40		50	56	16.63	17.11	16.93	18.2
40		100	0	16.97	17.15	17.07	18.2
40	16QAM	1	1	16.91	17.12	16.96	18.2
40	64QAM	1	1	16.9	17.17	17.07	18.2
40	256QAM	1	1	16.96	17.22	17.1	18.2
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	17.13	17.24	17.24	18.2
Channel				516300	519000	521700	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2590	2597.5	
25	PI/2 BPSK	1	1	17.02	17.27	17.15	18.2
Channel				516600	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2586	2590	2470	
20	PI/2 BPSK	1	1	17.07	17.24	17.24	18.2
Channel				515300	519000	522700	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2610.5	
15	PI/2 BPSK	1	1	17.13	17.24	17.25	18.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	17.02	17.25	17.16	18.2
Channel				514850	519000	523350	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2617.5	
5	PI/2 BPSK	1	1	17.03	17.22	17.17	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.19	17.34	17.28	18.2
100		1	137	16.75	16.95	16.89	18.2
100	PI/2 BPSK	1	271	17.03	17.26	17.1	18.2
100		135	0	17.09	17.26	17.19	18.2
100		135	69	17.13	17.3	17.2	18.2
100		135	138	16.85	17.13	16.99	18.2
100		270	0	17.13	17.29	17.19	18.2
100		1	1	16.78	17.08	16.88	18.2
100		1	137	16.96	17.25	17.14	18.2
100		1	271	17.2	17.36	17.19	18.2
100	QPSK	135	0	16.71	16.95	16.76	18.2
100		135	69	17.08	17.29	17.22	18.2
100		135	138	17.11	17.4	17.22	18.2
100		270	0	16.87	17.09	16.97	18.2
100	16QAM	1	1	17.01	17.24	17.13	18.2
100	64QAM	1	1	16.98	17.2	17.11	18.2
100	256QAM	1	1	16.42	16.64	16.48	17.7
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.11	17.38	17.26	18.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.16	17.22	17.15	18.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.17	17.2	17.18	18.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.05	17.31	17.25	18.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.05	17.23	17.26	18.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.11	17.29	17.27	18.2
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.06	17.36	17.26	18.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.17	17.23	17.17	18.2
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.17	17.27	17.24	18.2
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.18	17.39	17.2	18.2
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.17	17.31	17.23	18.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.05	17.27	17.13	18.2
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.11	17.25	17.25	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.39	20.43	20.32	21.2
100		1	137	20.18	20.3	20.17	21.2
100	PI/2 BPSK	1	271	20.24	20.33	20.12	21.2
100		135	0	20.15	20.33	20.24	21.2
100		135	69	20.3	20.47	20.27	21.3
100		135	138	20.24	20.41	20.2	21.2
100		270	0	20.28	20.43	20.25	21.2
100		1	1	20.32	20.42	20.27	21.3
100		1	137	20.27	20.41	20.21	21.2
100		1	271	20.25	20.34	20.21	21.2
100	QPSK	135	0	20.27	20.44	20.27	21.3
100		135	69	20.29	20.39	20.26	21.2
100		135	138	20.16	20.27	20.02	21.2
100		270	0	20.27	20.33	20.16	21.2
100	16QAM	1	1	20.27	20.37	20.23	21.2
100	64QAM	1	1	20.17	20.23	20.02	21.2
100	256QAM	1	1	19.58	19.7	19.58	20.7
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.32	20.4	20.23	21.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.24	20.36	20.27	21.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.34	20.32	20.3	21.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.36	20.35	20.24	21.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.36	20.35	20.29	21.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.34	20.36	20.29	21.2
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.35	20.4	20.27	21.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.38	20.31	20.29	21.2
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.31	20.34	20.2	21.2
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.25	20.28	20.3	21.2
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.27	20.36	20.16	21.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.35	20.38	20.27	21.2
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.27	20.33	20.16	21.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.39	17.45	17.44	18.2
40		1	53	17.24	17.41	17.26	18.2
40		1	104	17.18	17.39	17.36	18.2
40	PI/2 BPSK	50	0	17.08	17.36	17.33	18.2
40		50	28	17.27	17.4	17.24	18.2
40		50	56	17.05	17.13	17.05	18.2
40		100	0	17.06	17.27	17.06	18.2
40		1	1	17.1	17.24	17.11	18.2
40		1	53	17.3	17.39	17.32	18.2
40		1	104	17.04	17.49	17.42	18.2
40	QPSK	50	0	17.16	17.31	17.22	18.2
40		50	28	17.29	17.49	17.41	18.2
40		50	56	17.05	17.35	17.04	18.2
40		100	0	17.04	17.24	17.11	18.2
40	16QAM	1	1	17.38	17.46	17.4	18.2
40	64QAM	1	1	17.49	17.57	17.53	18.2
40	256QAM	1	1	17.52	17	17.53	17.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	17.29	17.39	17.43	18.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.5	2580	2607.5	
20	PI/2 BPSK	1	1	17.29	17.4	17.32	18.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	17.31	17.42	17.32	18.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	17.36	17.34	17.36	18.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	17.25	17.34	17.34	18.2
Channel				514500	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	17.35	17.39	17.43	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	17.56	17.66	17.63	18.7
100		1	137	17.37	17.73	17.47	18.7
100		1	271	17.76	17.62	17.69	18.7
100	PI/2 BPSK	135	0	17.6	17.76	17.57	18.7
100		135	69	17.69	17.67	17.8	18.7
100		135	138	17.62	17.79	17.58	18.7
100		270	0	17.7	17.69	17.68	18.7
100		1	1	17.62	17.77	17.54	18.7
100		1	137	17.54	17.66	17.41	18.7
100		1	271	17.68	17.66	17.59	18.7
100	QPSK	135	0	17.73	17.61	17.58	18.7
100		135	69	17.71	17.78	17.54	18.7
100		135	138	17.76	17.64	17.72	18.7
100		270	0	17.6	17.69	17.4	18.7
100	16QAM	1	1	17.66	17.74	17.52	18.7
100	64QAM	1	1	17.67	17.65	17.78	18.7
100	256QAM	1	1	16.89	16.83	16.8	17.7
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.67	17.66	17.77	18.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.69	17.67	17.68	18.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.61	17.64	17.77	18.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.67	17.66	17.81	18.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.69	17.62	17.71	18.7
Channel				503252	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.63	17.69	17.7	18.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.6	17.62	17.74	18.7
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.69	17.61	17.77	18.7
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.61	17.69	17.7	18.7
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.52	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.66	17.66	17.81	18.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.61	17.68	17.71	18.7
Channel				500052	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.66	17.69	17.7	18.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	20.4	21.02	20.89	21.7
100		1	137	20.63	20.78	20.58	21.7
100		1	271	20.73	20.88	20.7	21.7
100	PI/2 BPSK	135	0	20.58	20.72	20.5	21.7
100		135	69	20.64	20.88	20.64	21.7
100		135	138	20.54	20.93	20.59	21.7
100		270	0	20.75	20.92	20.66	21.7
100		1	1	20.64	20.89	20.62	21.7
100		1	137	20.81	20.97	20.77	21.7
100		1	271	20.68	20.9	20.7	21.7
100	QPSK	135	0	20.65	20.86	20.66	21.7
100		135	69	20.7	20.97	20.69	21.7
100		135	138	20.63	20.94	20.4	21.7
100		270	0	20.64	20.88	20.46	21.7
100	16QAM	1	1	20.79	20.93	20.7	21.7
100	64QAM	1	1	20.68	20.85	20.68	21.7
100	256QAM	1	1	20.58	20.7	20.53	20.7
Channel				509202	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.76	20.94	20.77	21.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.82	20.96	20.87	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.78	21.01	20.86	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.83	20.88	20.85	21.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.81	20.94	20.76	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.89	20.96	20.75	21.7
Channel				503352	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.77	20.94	20.77	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.75	20.91	20.85	21.7
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.78	20.94	20.85	21.7
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.01	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	20.96	20.83	21.7
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.52	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.84	20.97	20.82	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.82	21.01	20.81	21.7
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.81	20.97	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	20.38	20.59	20.47	21.7
40		1	53	20.2	20.55	20.36	21.7
40		1	104	20.21	20.52	20.26	21.7
40	PI/2 BPSK	50	0	20.13	20.42	20.16	21.7
40		50	28	20.14	20.42	20.29	21.7
40		50	56	20.22	20.45	20.24	21.7
40		100	0	20.2	20.52	20.27	21.7
40		1	1	20.18	20.43	20.17	21.7
40		1	53	20.15	20.46	20.25	21.7
40		1	104	20.12	20.45	20.26	21.7
40	QPSK	50	0	20.33	20.62	20.46	21.7
40		50	28	20.18	20.48	20.33	21.7
40		50	56	20.38	20.63	20.42	21.7
40		100	0	20.11	20.42	20.26	21.7
40	16QAM	1	1	20.3	20.63	20.43	21.7
40	64QAM	1	1	19.21	19.48	19.34	20.7
40	256QAM	1	1	17.74	17.6	17.86	18.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2590	2615	
30	PI/2 BPSK	1	1	20.24	20.49	20.43	21.7
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.3	2590	2607.3	
25	PI/2 BPSK	1	1	20.3	20.56	20.33	21.7
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2590	2610	
20	PI/2 BPSK	1	1	20.24	20.5	20.4	21.7
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2590	2612.5	
15	PI/2 BPSK	1	1	20.33	20.44	20.36	21.7
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	20.29	20.47	20.42	21.7
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2617.5	
5	PI/2 BPSK	1	1	20.25	20.56	20.34	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.89	20.16	19.83	20.5
100		1	137	19.7	20.07	19.73	20.5
100		1	271	19.72	20.1	19.65	20.5
100	PI/2 BPSK	135	0	19.08	19.98	19.09	20.5
100		135	69	19.72	20.11	19.74	20.5
100		135	138	19.66	19.95	19.67	20.5
100		270	0	19.03	19.98	19.01	20.5
100		1	1	19.52	19.98	19.59	20.5
100		1	137	19.52	20.01	19.63	20.5
100		1	271	19.65	20.02	19.67	20.5
100	QPSK	135	0	19.65	20.14	19.7	20.5
100		135	69	19.69	20.11	19.71	20.5
100		135	138	19.7	20.09	19.71	20.5
100		270	0	19.71	20.15	19.78	20.5
100	16QAM	1	1	19.6	20.09	19.64	20.5
100	64QAM	1	1	19.08	19.46	19.05	20.5
100	256QAM	1	1	18.74	20.16	18.77	20.5
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2545	2592.99	2644.99	
90	PI/2 BPSK	1	1	19.69	20.05	19.72	20.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	20.12	19.77	20.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.8	20.09	19.81	20.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	20.13	19.73	20.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.76	20.13	19.75	20.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.67	20.04	19.8	20.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.76	20.05	19.77	20.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.72	20.1	19.79	20.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.74	20.69	19.79	20.5
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.74	20.05	19.81	20.5
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.78	20.14	19.79	20.5
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	20.12	19.81	20.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.73	20.69	19.76	20.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2566.01	2592.99	2620	
100		1	1	22.81	23.14	22.9	23.5
100		1	137	22.65	22.97	22.65	23.5
100		1	271	22.7	23.11	22.83	23.5
100	PI/2 BPSK	135	0	22.62	23.06	22.77	23.5
100		135	69	22.72	23.14	22.79	23.5
100		135	138	22.66	23.03	22.74	23.5
100		270	0	22.7	23.05	22.67	23.5
100		1	1	22.69	23.12	22.83	23.5
100		1	137	22.61	22.98	22.64	23.5
100		1	271	22.78	23.15	22.76	23.5
100	QPSK	135	0	22.68	23.02	22.77	23.5
100		135	69	22.59	23.05	22.67	23.5
100		135	138	22.79	23.15	22.77	23.5
100		270	0	22.51	22.94	22.69	23.5
100	16QAM	1	1	22.8	23.16	22.8	23.5
100	64QAM	1	1	21.75	22.2	21.94	22.7
100	256QAM	1	1	19.84	20.15	19.83	20.5
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.78	23.11	22.85	23.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2526.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.79	23.03	22.86	23.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2521.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.7	23.07	22.85	23.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2520	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.72	23.06	22.76	23.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.75	23.04	22.85	23.5
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.73	23.04	22.77	23.5
Channel				503052	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.77	23.02	22.76	23.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.67	23.01	22.84	23.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.71	23.01	22.8	23.5
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.72	23.04	22.82	23.5
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.73	23.05	22.83	23.5
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.7	23.06	22.85	23.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.66	23.02	22.86	23.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2593	2593	2593	
40		1	1	18.61	18.54	18.67	20.2
40		1	53	18.59	18.61	18.67	20.2
40		1	104	18.76	18.66	18.84	20.2
40	PI/2 BPSK	50	0	18.5	18.74	18.52	20.2
40		50	28	18.76	18.66	18.89	20.2
40		50	56	18.72	18.65	18.83	20.2
40		100	0	18.7	18.66	18.76	20.2
40		1	1	18.77	18.66	18.83	20.2
40		1	53	18.68	18.68	18.72	20.2
40		1	104	18.68	18.63	18.8	20.2
40	QPSK	50	0	18.61	18.59	18.61	20.2
40		50	28	18.79	18.66	18.83	20.2
40		50	56	18.64	18.77	18.64	20.2
40		100	0	18.59	18.79	18.62	20.2
40	16QAM	1	1	18.63	19.04	18.65	20.2
40	64QAM	1	1	18.46	18.63	18.48	19.7
40	256QAM	1	1	16.62	16.75	16.62	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2593	2605	
90	PI/2 BPSK	1	1	18.63	19.01	18.88	20.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2593	2607.5	
20	PI/2 BPSK	1	1	18.77	18.9	18.84	20.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2593	2610	
20	PI/2 BPSK	1	1	18.86	18.97	18.95	20.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2593	2612.5	
15	PI/2 BPSK	1	1	18.79	18.95	18.86	20.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2593	2615	
10	PI/2 BPSK	1	1	18.82	18.94	18.9	20.2
Channel				514500	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2593	2617.5	
5	PI/2 BPSK	1	1	18.89	19.02	18.82	20.2

<FR1 n41_Ant7_DSI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.12	20.6	20.31	21.5
100		1	137	19.94	20.46	19.93	21.5
100	PI/2 BPSK	1	271	20.02	20.57	20.13	21.5
100		135	0	20	20.52	20.09	21.5
100		135	69	20.2	20.57	20.14	21.5
100		135	138	19.93	20.53	20.1	21.5
100		270	0	19.89	20.39	19.92	21.5
100		1	1	19.85	20.47	20.02	21.5
100		1	137	19.78	20.36	19.91	21.5
100		1	271	20.06	20.55	20.03	21.5
100	QPSK	135	0	19.87	20.44	20.03	21.5
100		135	69	20.19	20.79	20.29	21.5
100		135	138	20.03	20.55	20.1	21.5
100		270	0	19.98	20.61	20.21	21.5
100	16QAM	1	1	20.23	20.73	20.32	21.5
100	64QAM	1	1	19.63	20.13	19.6	21
100	256QAM	1	1	17.7	18.2	17.79	18
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.06	20.55	20.11	21.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.51	20.14	21.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.03	20.56	20.14	21.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	20.01	20.51	20.15	21.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20	20.5	20.17	21.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.1	20.57	20.09	21.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.98	20.46	20.18	21.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.47	20.12	21.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.01	20.52	20.07	21.5
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.07	20.47	20.12	21.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.98	20.58	20.17	21.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.98	20.51	20.13	21.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20	20.53	20.19	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.66	23.49	23.71	24.5
100		1	137	22.5	23.37	22.94	24.5
100		1	271	22.5	23.36	23.07	24.5
100	PI/2 BPSK	135	0	22	23.05	22.8	24
100		135	69	22.52	23.37	23.1	24.5
100		135	138	22	22.79	22.54	24
100		270	0	22	22.82	22.6	24
100		1	1	22.5	23.78	23.39	24.5
100		1	137	22.5	23.27	22.95	24.5
100		1	271	22.51	23.31	23	24.5
100	QPSK	135	0	21.52	22.5	22.24	23.5
100		135	69	22.5	23.29	22.95	24.5
100		135	138	21.5	22.23	21.95	23.5
100		270	0	21.51	22.44	22.2	23.5
100	16QAM	1	1	21.52	22.7	22.46	23.5
100	64QAM	1	1	20.04	21.21	20.99	22
100	256QAM	1	1	18.13	19.39	18.97	20
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	22.57	23.88	23.01	24.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.55	23.88	23.63	24.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.52	23.86	23.62	24.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.96	
60	PI/2 BPSK	1	1	22.55	23.92	23.62	24.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.6	23.92	23.65	24.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.51	23.78	23.68	24.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.54	23.9	23.59	24.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.59	23.8	23.62	24.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.6	23.9	23.68	24.5
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.52	23.9	23.58	24.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	23.87	23.63	24.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.52	23.83	23.58	24.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.52	23.82	23.67	24.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	22.13	22.3	21.72	23.2
40		1	53	21.99	22.21	21.61	23.2
40		1	104	22.03	22.21	21.5	23.2
40	PI/2 BPSK	50	0	21.37	21.61	20.95	22.7
40		50	28	22.03	22.26	21.56	23.2
40		50	56	21.37	21.65	20.96	22.7
40		100	0	21.44	21.74	21.06	22.7
40		1	1	21.9	22.16	21.51	23.2
40		1	53	21.93	22.13	21.51	23.2
40		1	104	21.82	22	21.3	23.2
40	QPSK	50	0	20.85	21.06	20.39	22.2
40		50	28	22.04	22.23	21.52	23.2
40		50	56	20.85	21.1	20.43	22.2
40		100	0	21.01	21.24	20.63	22.2
40	16QAM	1	1	20.73	21.04	20.36	22.2
40	64QAM	1	1	18.4	18.58	18.09	20.7
40	256QAM	1	1	17.41	17.56	17.02	18.7
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
30	PI/2 BPSK	1	1	22.1	22.23	21.6	23.2
Channel				516300	519000	521700	Tune-up Limit (dBm)
Frequency (MHz)				2584.5	2590	2597.5	
25	PI/2 BPSK	1	1	22.09	22.22	21.61	23.2
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2600	
20	PI/2 BPSK	1	1	22.01	22.23	21.69	23.2
Channel				515300	519000	522700	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2602.5	
15	PI/2 BPSK	1	1	22.06	22.16	21.59	23.2
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2605	
10	PI/2 BPSK	1	1	22.03	22.26	21.66	23.2
Channel				514850	519000	523150	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2607.5	
5	PI/2 BPSK	1	1	22.01	22.2	21.63	23.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.89	21.35	21.34	22.2
100		1	137	20.78	21.3	21.2	22.2
100	PI/2 BPSK	1	271	20.86	21.32	21.18	22.2
100		135	0	20.89	21.13	21.09	21.7
100		135	69	20.88	21.34	21.2	22.2
100		135	138	20.8	21.3	21.17	21.7
100		270	0	20.76	21.26	21.12	21.7
100		1	1	20.54	21.06	20.91	22.2
100		1	137	20.81	21.32	21.22	22.2
100		1	271	20.22	20.69	20.59	22.2
100	QPSK	135	0	20.12	20.59	20.51	21.2
100		135	69	20.85	21.33	21.29	22.2
100		135	138	19.87	20.32	20.21	21.2
100		270	0	20.08	20.54	20.44	21.2
100	16QAM	1	1	20.03	20.67	20.63	21.2
100	64QAM	1	1	19.16	19.55	19.39	19.7
100	256QAM	1	1	17.1	17.5	17.46	17.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.82	21.35	21.25	22.2
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	20.83	21.33	21.26	22.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.86	21.31	21.28	22.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.89	21.31	21.19	22.2
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.84	
50	PI/2 BPSK	1	1	20.82	21.32	21.28	22.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.84	21.34	21.29	22.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.82	21.35	21.21	22.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	20.9	21.37	21.29	22.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.82	21.2	21.3	22.2
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.8	21.2	21.19	22.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	20.83	21.31	21.22	22.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.88	21.23	21.33	22.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.83	21.23	21.25	22.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.75	22.34	22.23	23.2
100		1	137	21.61	22.14	21.98	23.2
100		1	271	20.91	21.34	21.14	23.2
100	PI/2 BPSK	135	0	21.66	21.72	21.56	22.7
100		135	69	21.38	22.07	21.91	23.2
100		135	138	20.74	21.42	21.2	22.7
100		270	0	21.11	21.73	21.55	22.7
100		1	1	21.7	22.32	22.19	23.2
100		1	137	21.34	21.98	21.86	23.2
100		1	271	20.8	21.42	21.29	23.2
100	QPSK	135	0	20.61	21.21	20.97	22.2
100		135	69	21.32	21.95	21.77	23.2
100		135	138	19.8	20.31	20.09	22.2
100		270	0	20.36	21.02	20.83	22.2
100	16QAM	1	1	20.26	20.85	20.69	22.2
100	64QAM	1	1	18.55	19.16	19.04	20.7
100	256QAM	1	1	16.58	17.17	16.98	18.7
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.7	22.33	22.21	23.2
Channel				507204	518598	529992	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.96	
80	PI/2 BPSK	1	1	21.74	22.3	22.21	23.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.65	22.29	22.2	23.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.61	22.25	22.13	23.2
Channel				504204	518598	532968	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.84	
50	PI/2 BPSK	1	1	21.68	22.23	22.15	23.2
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.62	22.25	22.16	23.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.7	22.31	22.11	23.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.46	
35	PI/2 BPSK	1	1	21.68	22.29	22.14	23.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.63	22.26	22.13	23.2
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.66	22.2	22.21	23.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.96	
20	PI/2 BPSK	1	1	21.67	22.32	22.22	23.2
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.61	22.26	22.13	23.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.66	22.32	22.14	23.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	17.39	17.45	17.44	18.2
40		1	53	17.24	17.41	17.26	18.2
40		1	104	17.18	17.39	17.36	18.2
40	PI/2 BPSK	50	0	17.08	17.36	17.33	18.2
40		50	28	17.27	17.4	17.24	18.2
40		50	56	17.05	17.13	17.05	18.2
40		100	0	17.06	17.27	17.06	18.2
40		1	1	17.1	17.24	17.11	18.2
40		1	53	17.3	17.39	17.32	18.2
40		1	104	17.14	17.49	17.42	18.2
40	QPSK	50	0	17.16	17.31	17.22	18.2
40		50	28	17.29	17.49	17.41	18.2
40		50	56	17.05	17.35	17.04	18.2
40		100	0	17.04	17.24	17.11	18.2
40	16QAM	1	1	17.38	17.46	17.4	18.2
40	64QAM	1	1	17.49	17.57	17.53	17.7
40	256QAM	1	1	17.52	17	17.53	17.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	17.29	17.39	17.43	18.2
Channel				516000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2580	2607.3	
20	PI/2 BPSK	1	1	17.29	17.4	17.32	18.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	17.31	17.42	17.32	18.2
Channel				515500	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	17.36	17.34	17.36	18.2
Channel				515000	516000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	17.25	17.34	17.34	18.2
Channel				514500	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	17.35	17.39	17.43	18.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.56	17.66	17.63	18.7
100		1	137	17.37	17.73	17.47	18.7
100		1	271	17.76	17.62	17.69	18.7
100	PI/2 BPSK	135	0	17.6	17.76	17.57	18.7
100		135	69	17.69	17.67	17.8	18.7
100		135	138	17.62	17.79	17.58	18.7
100		270	0	17.7	17.69	17.68	18.7
100		1	1	17.62	17.77	17.54	18.7
100		1	137	17.54	17.66	17.41	18.7
100		1	271	17.68	17.66	17.59	18.7
100	QPSK	135	0	17.73	17.61	17.58	18.7
100		135	69	17.71	17.78	17.54	18.7
100		135	138	17.76	17.64	17.72	18.7
100		270	0	17.6	17.69	17.4	18.7
100	16QAM	1	1	17.66	17.74	17.52	18.7
100	64QAM	1	1	17.67	17.65	17.78	18.7
100	256QAM	1	1	16.89	16.83	16.8	17.7
Channel				506202	518598	526590	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	17.67	17.66	17.77	18.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.69	17.67	17.68	18.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.61	17.64	17.77	18.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.69	17.69	17.7	18.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.67	17.66	17.81	18.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.69	17.62	17.71	18.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.63	17.69	17.7	18.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.6	17.62	17.74	18.7
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.69	17.61	17.77	18.7
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	17.61	17.69	17.7	18.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.66	17.66	17.81	18.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.61	17.68	17.71	18.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.66	17.69	17.7	18.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526590	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.4	21.02	20.69	21.7
100		1	137	20.63	20.78	20.38	21.7
100		1	271	20.73	20.88	20.7	21.7
100	PI/2 BPSK	135	0	20.58	20.72	20.5	21.7
100		135	69	20.64	20.88	20.64	21.7
100		135	138	20.54	20.93	20.59	21.7
100		270	0	20.75	20.92	20.66	21.7
100		1	1	20.64	20.89	20.62	21.7
100		1	137	20.81	20.97	20.77	21.7
100		1	271	20.68	20.9	20.7	21.7
100	QPSK	135	0	20.65	20.86	20.66	21.7
100		135	69	20.7	20.97	20.69	21.7
100		135	138	20.63	20.94	20.6	21.7
100		270	0	20.64	20.88	20.46	21.7
100	16QAM	1	1	20.79	20.93	20.7	21.7
100	64QAM	1	1	20.68	20.85	20.66	21.7
100	256QAM	1	1	20.58	20.7	20.53	20.7
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.76	20.94	20.77	21.7
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2546.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.82	20.96	20.87	21.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.78	21.01	20.88	21.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.83	20.88	20.85	21.7
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.81	20.94	20.76	21.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.89	20.96	20.75	21.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.77	20.94	20.77	21.7
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.75	20.91	20.85	21.7
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.78	20.94	20.85	21.7
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	20.8	20.96	20.83	21.7
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.84	20.97	20.82	21.7
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.82	21.01	20.91	21.7
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.81	20.97	20.84	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2620	
40		1	1	22.56	22.53	22.41	23.2
40		1	53	22.2	22.01	22.37	23.2
40		1	104	22.07	22.38	22.16	23.2
40	PI/2 BPSK	50	0	21.7	21.66	21.81	22.7
40		50	28	22.24	22.5	22.25	23.2
40		50	56	21.56	21.79	21.57	22.7
40		100	0	21.63	21.65	21.67	22.7
40		1	1	22.14	22.35	22.2	23.2
40		1	53	22.07	22.36	22.19	23.2
40		1	104	21.97	22.19	21.97	23.2
40	QPSK	50	0	21.15	21.37	21.17	22.2
40		50	28	22.01	22.33	22.12	23.2
40		50	56	21.09	21.35	21.16	22.2
40		100	0	21.18	21.39	21.26	22.2
40	16QAM	1	1	21.02	21.22	21.01	22.2
40	64QAM	1	1	19.58	19.76	19.52	20.7
40	256QAM	1	1	17.45	17.71	17.5	18.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
20	PI/2 BPSK	1	1	22.33	22.39	22.32	23.2
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2590.5	2580	2607.5	
20	PI/2 BPSK	1	1	22.28	22.61	22.28	23.2
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2580	2610	
20	PI/2 BPSK	1	1	22.26	22.42	22.36	23.2
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2580	2612.5	
15	PI/2 BPSK	1	1	22.31	22.44	22.34	23.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2610	
10	PI/2 BPSK	1	1	22.22	22.47	22.27	23.2
Channel				514500	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	22.21	22.45	22.3	23.2

<FR1 n41_Ant6_DSI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.29	23.58	23.31	24
100		1	137	22.99	23.3	22.99	24
100		1	271	23.1	23.56	23.22	24
100	PI/2 BPSK	135	0	22.79	23.25	22.93	24
100		135	69	22.98	23.47	23.16	24
100		135	138	23.02	23.45	23.1	24
100		270	0	22.86	23.31	22.96	24
100		1	1	22.91	23.24	22.93	24
100		1	137	22.74	23.22	22.92	24
100		1	271	23	23.43	23.03	24
100	QPSK	135	0	22.73	23.12	22.8	24
100		135	69	22.73	23.19	22.83	24
100		135	138	22.82	23.3	22.99	24
100		270	0	22.88	23.29	22.91	24
100	16QAM	1	1	22.75	23.13	22.8	24
100	64QAM	1	1	22.08	22.46	22.67	23.5
100	256QAM	1	1	19.91	19.59	19.5	21.5
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	23.1	23.56	23.19	24
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.16	23.52	23.24	24
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.16	23.46	23.24	24
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.12	23.45	23.17	24
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.17	23.44	23.3	24
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.08	23.43	23.22	24
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.44	23.3	24
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.11	23.47	23.26	24
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.2	23.53	23.2	24
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.4	
25	PI/2 BPSK	1	1	23.08	23.47	23.24	24
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	23.14	23.48	23.3	24
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.15	23.56	23.19	24
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.1	23.53	23.27	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	24.31	24.55	24.4	25
100		1	137	23.91	24.32	24.05	25
100		1	271	23.99	23.97	23.99	25
100	PI/2 BPSK	135	0	23.82	24.3	24.11	24.5
100		135	69	24.08	24.4	24.11	25
100		135	138	24.12	24.4	24.11	24.5
100		270	0	24.02	24.27	24.05	24.5
100		1	1	24	24.3	24.04	25
100		1	137	23.85	24.21	23.93	25
100		1	271	24.1	24.45	24.29	25
100	QPSK	135	0	23.36	23.6	23.4	24
100		135	69	23.8	24.07	23.83	25
100		135	138	23.52	23.85	23.65	24
100		270	0	23.52	23.89	23.65	24
100	16QAM	1	1	23.42	23.72	23.53	24
100	64QAM	1	1	21.74	22	21.79	22.5
100	256QAM	1	1	19.63	20.07	19.84	20.5
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2547	2592.99	2644.99	
90	PI/2 BPSK	1	1	24.3	24.48	24.33	25
Channel				507304	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2556.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.24	24.49	24.3	25
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.16	24.42	24.35	25
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.42	24.3	25
Channel				504304	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.25	24.51	24.36	25
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.26	24.5	24.3	25
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.22	24.48	24.27	25
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.3	24.54	24.38	25
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.21	24.46	24.3	25
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2506.01	2592.99	2677.4	
25	PI/2 BPSK	1	1	24.19	24.51	24.36	25
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2504.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	24.22	24.53	24.33	25
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.27	24.46	24.33	25
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.19	24.42	24.3	25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	516000	516000	
Frequency (MHz)				2580	2580	2580	
40		1	1	18.61	18.04	18.67	20.2
40		1	53	18.59	18.81	18.67	20.2
40		1	104	18.76	18.96	18.84	20.2
40	PI/2 BPSK	50	0	18.5	18.74	18.52	20.2
40		50	28	18.76	18.96	18.89	20.2
40		50	56	18.72	18.95	18.83	20.2
40		100	0	18.7	18.89	18.76	20.2
40		1	1	18.77	18.96	18.83	20.2
40		1	53	18.68	18.88	18.72	20.2
40		1	104	18.68	18.93	18.8	20.2
40	QPSK	50	0	18.61	18.89	18.81	20.2
40		50	28	18.79	18.96	18.83	20.2
40		50	56	18.64	19.11	18.84	20.2
40		100	0	18.59	18.79	18.62	20.2
40	16QAM	1	1	18.63	19.04	18.85	20.2
40	64QAM	1	1	18.46	18.63	18.48	19.7
40	256QAM	1	1	16.62	16.73	16.62	17.7
Channel				517000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2580	2605	
30	PI/2 BPSK	1	1	18.63	19.01	18.88	20.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.3	2580	2607.3	
25	PI/2 BPSK	1	1	18.77	18.9	18.84	20.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2580	2610	
20	PI/2 BPSK	1	1	18.86	18.97	18.95	20.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2580	2612.3	
15	PI/2 BPSK	1	1	18.79	18.95	18.86	20.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2580	2615	
10	PI/2 BPSK	1	1	18.82	18.94	18.9	20.2
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2580	2617.5	
5	PI/2 BPSK	1	1	18.89	19.02	18.82	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.12	20.6	20.31	21.5
100		1	137	19.94	20.46	19.93	21.5
100		1	271	20.02	20.57	20.13	21.5
100	PI/2 BPSK	135	0	20	20.52	20.09	21.5
100		135	69	20.2	20.57	20.14	21.5
100		135	138	19.93	20.53	20.1	21.5
100		270	0	19.89	20.39	19.92	21.5
100		1	1	19.85	20.47	20.02	21.5
100		1	137	19.78	20.36	19.91	21.5
100		1	271	20.06	20.55	20.03	21.5
100	QPSK	135	0	19.87	20.44	20.03	21.5
100		135	69	20.19	20.79	20.29	21.5
100		135	138	20.03	20.55	20.1	21.5
100		270	0	19.98	20.61	20.21	21.5
100	16QAM	1	1	20.23	20.73	20.32	21.5
100	64QAM	1	1	19.63	20.13	19.6	21
100	256QAM	1	1	17.7	18.2	17.79	18
Channel				506202	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.06	20.55	20.11	21.5
Channel				507204	518598	525996	Tune-up Limit (dBm)
Frequency (MHz)				2586.04	2592.99	2649.96	
80	PI/2 BPSK	1	1	20.01	20.51	20.14	21.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2561.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.03	20.56	20.14	21.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2535	2592.99	2650.98	
60	PI/2 BPSK	1	1	20.01	20.51	20.15	21.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	20	20.5	20.17	21.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.1	20.57	20.09	21.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.98	20.46	20.18	21.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.47	20.12	21.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.01	20.52	20.07	21.5
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	20.07	20.47	20.12	21.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.98	20.58	20.17	21.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.98	20.51	20.13	21.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20	20.53	20.19	21.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.66	23.49	23.71	24.5
100		1	137	22.5	23.37	22.94	24.5
100		1	271	22.5	23.36	23.07	24.5
100	PI/2 BPSK	135	0	22	23.05	22.8	24
100		135	69	22.52	23.37	23.1	24.5
100		135	138	22	22.79	22.54	24
100		270	0	22	22.82	22.6	24
100		1	1	22.5	23.78	23.39	24.5
100		1	137	22.5	23.27	22.95	24.5
100		1	271	22.51	23.31	23	24.5
100	QPSK	135	0	21.52	22.5	22.24	23.5
100		135	69	22.5	23.29	22.95	24.5
100		135	138	21.5	22.23	21.95	23.5
100		270	0	21.51	22.44	22.2	23.5
100	16QAM	1	1	21.52	22.7	22.46	23.5
100	64QAM	1	1	20.04	21.21	20.99	22
100	256QAM	1	1	18.13	19.39	18.97	20
Channel				506200	518598	526998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.57	23.88	23.91	24.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.55	23.88	23.83	24.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2561.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.52	23.86	23.62	24.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2535	2592.99	2650.98	
60	PI/2 BPSK	1	1	22.55	23.92	23.62	24.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.96	
50	PI/2 BPSK	1	1	22.6	23.92	23.65	24.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2516.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.51	23.78	23.68	24.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.54	23.9	23.59	24.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.59	23.8	23.62	24.5
Channel				502300	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.6	23.9	23.68	24.5
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.1	
25	PI/2 BPSK	1	1	22.52	23.9	23.58	24.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	23.87	23.63	24.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.52	23.83	23.58	24.5
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.52	23.82	23.67	24.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				516000	518000	520000	
Frequency (MHz)				2580	2590	2600	
40		1	1	16.2	16.25	16.19	17.2
40		1	53	16.06	16.24	16.07	17.2
40		1	104	15.68	15.86	15.77	17.2
40	PI/2 BPSK	50	0	16.06	16.22	16.05	17.2
40		50	28	16.15	16.24	16.02	17.2
40		50	56	16.1	16.22	16.09	17.2
40		100	0	16.06	16.19	16.1	17.2
40		1	1	16.17	16.34	16.19	17.2
40		1	53	15.79	15.93	15.73	17.2
40		1	104	16.09	16.27	16.09	17.2
40	QPSK	50	0	13.93	16.1	13.91	17.2
40		50	28	16.1	16.23	16.05	17.2
40		50	56	16.1	16.26	16.1	17.2
40		100	0	16.04	16.19	16.1	17.2
40	16QAM	1	1	15.95	16.03	15.95	17.2
40	64QAM	1	1	15.89	16.06	15.95	17.2
40	256QAM	1	1	16.15	16.25	16.09	17.2
Channel				517000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2605	
30	PI/2 BPSK	1	1	16.19	16.11	16.1	17.2
Channel				516000	518000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2580.3	2590	2607.3	
25	PI/2 BPSK	1	1	16.11	16.14	16.09	17.2
Channel				516000	518000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2610	
20	PI/2 BPSK	1	1	16.16	16.17	16.04	17.2
Channel				515300	518000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2590	2612.3	
15	PI/2 BPSK	1	1	16.09	16.19	16.13	17.2
Channel				515000	518000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2615	
10	PI/2 BPSK	1	1	16.11	16.18	16.16	17.2
Channel				514850	518000	522550	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2617.5	
5	PI/2 BPSK	1	1	16.06	16.18	16.05	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2496.01	2592.99	2640	
100		1	1	16.2	16.27	16.28	17.2
100		1	137	15.78	16.05	15.87	17.2
100	PI/2 BPSK	1	271	16.09	16.25	16.2	17.2
100		135	0	16.1	16.19	16.09	17.2
100		135	69	16.07	16.25	16.22	17.2
100		135	138	16.09	16.21	16.18	17.2
100		270	0	16.13	16.23	16.1	17.2
100		1	1	16.04	16.24	16.12	17.2
100		1	137	16.13	16.29	16.28	17.2
100		1	271	16.15	16.31	16.23	17.2
100	QPSK	135	0	15.95	16.09	16.04	17.2
100		135	69	16.14	16.26	16.23	17.2
100		135	138	16.17	16.35	16.26	17.2
100		270	0	16.08	16.22	16.19	17.2
100	16QAM	1	1	16.2	16.27	16.27	17.2
100	64QAM	1	1	16.13	16.28	16.21	17.2
100	256QAM	1	1	15.76	15.91	15.85	17.2
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.08	16.16	16.15	17.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.1	16.13	16.24	17.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.08	16.23	16.24	17.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.16	16.25	16.16	17.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.08	16.18	16.14	17.2
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.14	16.14	16.23	17.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.14	16.18	16.17	17.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.07	16.24	16.16	17.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.09	16.14	16.23	17.2
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.11	16.25	16.17	17.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.09	16.23	16.15	17.2
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.09	16.25	16.15	17.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.09	16.13	16.14	17.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506202	518598	526200	
Frequency (MHz)				2496.01	2592.99	2640	
100		1	1	19.43	19.37	19.45	20.2
100		1	137	19.21	19.41	19.18	20.2
100	PI/2 BPSK	1	271	19.19	19.36	19.19	20.2
100		135	0	18.98	19.36	19.09	20.2
100		135	69	19.15	19.41	19.26	20.2
100		135	138	19.26	19.49	19.25	20.2
100		270	0	19.21	19.39	19.18	20.2
100		1	1	19.14	19.39	19.02	20.2
100		1	137	19.21	19.37	19.21	20.2
100		1	271	19.39	19.55	19.37	20.2
100	QPSK	135	0	19.14	19.36	19.1	20.2
100		135	69	19.01	19.28	19.09	20.2
100		135	138	19.13	19.41	19.21	20.2
100		270	0	19.03	19.27	19.09	20.2
100	16QAM	1	1	19.03	19.21	19.06	20.2
100	64QAM	1	1	19.1	19.32	19.09	20.2
100	256QAM	1	1	19.29	19.44	19.29	20.2
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.32	19.45	19.34	20.2
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.04	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.36	19.38	19.38	20.2
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.38	19.52	19.32	20.2
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.38	19.48	19.37	20.2
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.39	19.55	19.35	20.2
Channel				503700	518598	533466	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.38	19.43	19.41	20.2
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.35	19.54	19.39	20.2
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.3	19.49	19.31	20.2
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.42	19.52	19.34	20.2
Channel				501702	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.35	19.49	19.42	20.2
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.38	19.47	19.43	20.2
Channel				500700	518598	536466	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.34	19.44	19.31	20.2
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.38	19.54	19.41	20.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	15.66	15.74	15.61	16.2
40		1	53	15.06	15.17	15.01	16.2
40		1	104	15.09	15.25	15.02	16.2
40	PI/2 BPSK	50	0	15.01	15.02	15.06	16.2
40		50	28	15.38	15.47	15.35	16.2
40		50	56	15.06	15.22	15.01	16.2
40		100	0	15.09	15.3	15.14	16.2
40		1	1	15.04	15.19	14.96	16.2
40		1	53	14.69	14.91	14.65	16.2
40		1	104	15.02	15.01	15.09	16.2
40	QPSK	50	0	14.71	14.91	14.67	16.2
40		50	28	14.87	14.98	14.72	16.2
40		50	56	15.45	15.68	15.46	16.2
40		100	0	15.01	15.24	15	16.2
40	16QAM	1	1	14.6	14.82	14.56	16.2
40	64QAM	1	1	15.53	15.75	15.5	16.2
40	256QAM	1	1	14.92	15.02	14.83	16.2
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2590	2595	
20	PI/2 BPSK	1	1	15.6	15.62	15.49	16.2
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2589.2	2590	2597.2	
20	PI/2 BPSK	1	1	15.53	15.66	15.53	16.2
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2589	2590	2600	
20	PI/2 BPSK	1	1	15.61	15.61	15.55	16.2
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.3	2590	2612.5	
15	PI/2 BPSK	1	1	15.54	15.69	15.52	16.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2610	
10	PI/2 BPSK	1	1	15.51	15.63	15.53	16.2
Channel				514500	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2617.5	
5	PI/2 BPSK	1	1	15.5	15.64	15.46	16.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526990	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	15.94	16.02	15.93	16.7
100		1	137	15.37	15.5	15.46	16.7
100		1	271	15.75	15.82	15.79	16.7
100	PI/2 BPSK	135	0	15.68	15.85	15.78	16.7
100		135	69	15.71	15.87	15.74	16.7
100		135	138	15.82	15.81	15.81	16.7
100		270	0	15.68	15.87	15.68	16.7
100		1	1	15.59	15.69	15.54	16.7
100		1	137	15.61	15.87	15.68	16.7
100		1	271	15.72	15.83	15.73	16.7
100	QPSK	135	0	15.54	15.77	15.58	16.7
100		135	69	15.59	15.75	15.6	16.7
100		135	138	15.71	15.88	15.68	16.7
100		270	0	15.57	15.74	15.54	16.7
100	16QAM	1	1	15.68	15.84	15.63	16.7
100	64QAM	1	1	15.73	15.94	15.73	16.7
100	256QAM	1	1	15.52	15.74	15.54	16.7
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.83	15.88	15.81	16.7
Channel				507304	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2596.52	2592.99	2649.98	
80	PI/2 BPSK	1	1	15.86	15.92	15.85	16.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.8	15.97	15.86	16.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.85	15.92	15.87	16.7
Channel				504304	518598	532996	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	15.8	16.01	15.85	16.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.83	15.99	15.79	16.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.85	16.01	15.91	16.7
Channel				503704	518598	534496	Tune-up Limit (dBm)
Frequency (MHz)				2518.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	15.86	15.94	15.82	16.7
Channel				503350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2517	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.88	15.93	15.79	16.7
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.78	15.96	15.79	16.7
Channel				501254	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	15.79	15.94	15.79	16.7
Channel				500750	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.87	15.87	15.79	16.7
Channel				500252	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.79	15.96	15.77	16.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	526990	
Frequency (MHz)				2496.01	2592.99	2690	
100		1	1	16.67	16.93	16.92	19.7
100		1	137	16.72	16.98	16.91	19.7
100		1	271	16.8	16.98	16.77	19.7
100	PI/2 BPSK	135	0	16.68	16.86	16.73	19.7
100		135	69	16.63	19.01	16.75	19.7
100		135	138	16.45	16.7	16.57	19.7
100		270	0	16.62	16	16.77	19.7
100		1	1	16.51	16.76	16.59	19.7
100		1	137	16.52	16.71	16.58	19.7
100		1	271	16.7	16.73	16.46	19.7
100	QPSK	135	0	16.5	16.8	16.58	19.7
100		135	69	16.55	16.85	16.71	19.7
100		135	138	16.49	16.79	16.64	19.7
100		270	0	16.66	19.05	16.67	19.7
100	16QAM	1	1	16.71	16.9	16.75	19.7
100	64QAM	1	1	16.41	16.69	16.48	19.7
100	256QAM	1	1	16.63	16.89	16.67	19.7
Channel				506200	518598	526996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.63	16.98	16.87	19.7
Channel				507304	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2596.52	2592.99	2649.98	
80	PI/2 BPSK	1	1	16.75	16.99	16.88	19.7
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.66	16.9	16.84	19.7
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.62	19.01	16.76	19.7
Channel				504304	518598	532996	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.99	2664.98	
50	PI/2 BPSK	1	1	16.65	16.92	16.85	19.7
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.76	16.9	16.9	19.7
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.73	16.9	16.82	19.7
Channel				503704	518598	534496	Tune-up Limit (dBm)
Frequency (MHz)				2518.52	2592.99	2672.48	
35	PI/2 BPSK	1	1	16.61	16.92	16.87	19.7
Channel				503350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2517	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.76	16.89	16.86	19.7
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.84	16.93	16.83	19.7
Channel				501254	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.98	
20	PI/2 BPSK	1	1	16.72	19	16.84	19.7
Channel				500750	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.85	16.96	16.83	19.7
Channel				500252	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.82	16.9	16.8	19.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	20.38	20.59	20.47	21.7
40		1	53	20.2	20.55	20.36	21.7
40		1	104	20.21	20.52	20.26	21.7
40	PI/2 BPSK	50	0	20.13	20.42	20.16	21.7
40		50	28	20.14	20.42	20.29	21.7
40		50	56	20.22	20.45	20.24	21.7
40		100	0	20.2	20.52	20.27	21.7
40		1	1	20.18	20.43	20.17	21.7
40		1	53	20.15	20.46	20.25	21.7
40		1	104	20.12	20.45	20.29	21.7
40	QPSK	50	0	20.33	20.62	20.46	21.7
40		50	28	20.18	20.48	20.33	21.7
40		50	56	20.38	20.63	20.42	21.7
40		100	0	20.11	20.42	20.26	21.7
40	16QAM	1	1	20.3	20.63	20.43	21.7
40	64QAM	1	1	19.21	19.48	19.34	20.7
40	256QAM	1	1	17.74	17.9	17.86	18.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2590	2615	
20	PI/2 BPSK	1	1	20.24	20.49	20.43	21.7
Channel				518000	516000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2589.2	2590	2607.2	
20	PI/2 BPSK	1	1	20.3	20.56	20.33	21.7
Channel				518000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2589	2590	2610	
20	PI/2 BPSK	1	1	20.24	20.5	20.4	21.7
Channel				515300	516000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2612.5	
15	PI/2 BPSK	1	1	20.33	20.44	20.36	21.7
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2610	
10	PI/2 BPSK	1	1	20.29	20.47	20.42	21.7
Channel				514850	516000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2617.5	
5	PI/2 BPSK	1	1	20.25	20.56	20.34	21.7

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.89	20.16	19.83	20.5
100		1	137	19.7	20.07	19.73	20.5
100		1	271	19.72	20.1	19.65	20.5
100	PI/2 BPSK	135	0	19.08	19.66	19.09	20.5
100		135	69	19.72	20.11	19.74	20.5
100		135	138	19.66	19.95	19.67	20.5
100		270	0	19.03	19.66	19.61	20.5
100		1	1	19.52	19.96	19.59	20.5
100		1	137	19.52	20.01	19.63	20.5
100		1	271	19.65	20.02	19.67	20.5
100	QPSK	135	0	19.65	20.14	19.7	20.5
100		135	69	19.69	20.11	19.71	20.5
100		135	138	19.7	20.09	19.71	20.5
100		270	0	19.71	20.15	19.78	20.5
100	16QAM	1	1	19.6	20.09	19.64	20.5
100	64QAM	1	1	19.08	19.46	19.05	20.5
100	256QAM	1	1	18.74	20.16	18.77	20.5
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	19.69	20.05	19.72	20.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.67	20.12	19.77	20.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.8	20.09	19.81	20.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.78	20.13	19.73	20.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.76	20.13	19.75	20.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.67	20.04	19.8	20.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.76	20.05	19.77	20.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.72	20.1	19.79	20.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.74	20.69	19.79	20.5
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.74	20.05	19.81	20.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.78	20.14	19.79	20.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.76	20.12	19.81	20.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.73	20.69	19.76	20.5

<FR1 n41_HPUE_Ant6_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.81	23.14	22.9	23.5
100		1	137	22.65	22.97	22.65	23.5
100		1	271	22.7	23.11	22.83	23.5
100	PI/2 BPSK	135	0	22.62	23.06	22.77	23.5
100		135	69	22.72	23.14	22.79	23.5
100		135	138	22.66	23.03	22.74	23.5
100		270	0	22.7	23.05	22.67	23.5
100		1	1	22.69	23.12	22.83	23.5
100		1	137	22.61	22.98	22.64	23.5
100		1	271	22.78	23.15	22.76	23.5
100	QPSK	135	0	22.68	23.02	22.77	23.5
100		135	69	22.59	23.05	22.67	23.5
100		135	138	22.79	23.15	22.77	23.5
100		270	0	22.51	22.94	22.69	23.5
100	16QAM	1	1	22.8	23.16	22.8	23.5
100	64QAM	1	1	21.75	22.2	21.94	22.7
100	256QAM	1	1	19.84	20.15	19.83	20.5
Channel				506200	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	22.78	23.11	22.85	23.5
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2586.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.79	23.03	22.86	23.5
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2551.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.7	23.07	22.85	23.5
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.72	23.06	22.76	23.5
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.75	23.04	22.85	23.5
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.73	23.04	22.77	23.5
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.77	23.02	22.76	23.5
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.67	23.01	22.84	23.5
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.71	23.01	22.8	23.5
Channel				501752	518598	535350	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.72	23.04	22.82	23.5
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.73	23.05	22.83	23.5
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.7	23.06	22.85	23.5
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.66	23.02	22.86	23.5

<FR1 n38_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				514000	516000	518000	
Frequency (MHz)				2580	2590	2600	
40		1	1	17.63	17.63	17.67	19.2
40		1	53	17.58	17.61	17.79	19.2
40		1	104	17.73	17.93	17.9	19.2
40	PI/2 BPSK	50	0	17.75	17.87	17.96	19.2
40		50	28	17.7	17.9	17.99	19.2
40		50	56	17.67	17.9	17.93	19.2
40		100	0	17.76	17.96	18	19.2
40		1	1	17.59	17.62	17.95	19.2
40		1	53	17.72	17.95	17.92	19.2
40		1	104	17.62	17.99	17.94	19.2
40	QPSK	50	0	17.6	17.79	17.75	19.2
40		50	28	17.64	17.86	17.88	19.2
40		50	56	17.69	17.9	17.79	19.2
40		100	0	17.6	17.85	17.85	19.2
40	16QAM	1	1	17.81	17.95	17.95	19.2
40	64QAM	1	1	17.62	17.87	17.92	19.2
40	256QAM	1	1	16.15	16.28	16.24	17.7
Channel				511000	516000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2685	2590	2495	
20	PI/2 BPSK	1	1	17.71	17.88	17.85	19.2
Channel				516300	516000	521300	Tune-up Limit (dBm)
Frequency (MHz)				2588.5	2590	2497.5	
20	PI/2 BPSK	1	1	17.74	17.88	17.83	19.2
Channel				516000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2590	2470	
20	PI/2 BPSK	1	1	17.81	17.8	17.86	19.2
Channel				515300	516000	522300	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2590	2512.5	
15	PI/2 BPSK	1	1	17.72	17.83	17.92	19.2
Channel				515000	516000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2590	2515	
10	PI/2 BPSK	1	1	17.71	17.88	17.94	19.2
Channel				514850	516000	522550	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2590	2517.5	
5	PI/2 BPSK	1	1	17.75	17.83	17.83	19.2

<FR1 n41_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2691	
100		1	1	16.94	17.32	17.14	18
100		1	137	16.84	17.3	16.94	18
100		1	271	16.73	17.39	16.93	18
100	PI/2 BPSK	135	0	16.73	17.44	16.89	18
100		135	69	16.67	17.52	17.07	18
100		135	138	16.78	17.5	16.99	18
100		270	0	16.66	17.49	17.03	18
100		1	1	16.71	17.38	16.91	18
100		1	137	16.75	17.43	16.93	18
100		1	271	16.73	17.45	16.99	18
100	QPSK	135	0	16.69	17.37	16.85	18
100		135	69	16.69	17.44	16.98	18
100		135	138	16.79	17.53	17	18
100		270	0	16.64	17.5	17	18
100	16QAM	1	1	16.65	17.38	16.91	18
100	64QAM	1	1	16.7	17.44	16.99	18
100	256QAM	1	1	15.68	16.38	15.93	17
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	16.88	17.49	17.12	18
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.8	17.47	17.01	18
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.82	17.49	17.05	18
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.84	17.41	16.99	18
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.8	17.48	17.06	18
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.86	17.41	17.12	18
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.84	17.52	17.1	18
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.81	17.43	17.13	18
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.8	17.54	17.04	18
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.86	17.41	17.01	18
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.86	17.46	17.08	18
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.87	17.46	17.04	18
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.89	17.46	17.08	18

<FR1 n41_HPUE_Ant7_DSI 5>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				506002	518598	529200	
Frequency (MHz)				2496.01	2592.99	2691	
100		1	1	20.52	20.7	20.45	21
100		1	137	20.08	20.36	20.01	21
100		1	271	20.14	20.46	20.19	21
100	PI/2 BPSK	135	0	20.25	20.55	20.26	21
100		135	69	20.36	20.58	20.3	21
100		135	138	20.27	20.54	20.22	21
100		270	0	20.06	20.33	19.98	21
100		1	1	20.19	20.48	20.12	21
100		1	137	20.18	20.47	20.13	21
100		1	271	20.2	20.41	20.1	21
100	QPSK	135	0	20.17	20.45	20.06	21
100		135	69	20.25	20.58	20.26	21
100		135	138	20.31	20.62	20.29	21
100		270	0	19.98	20.23	19.91	21
100	16QAM	1	1	20.26	20.57	20.19	21
100	64QAM	1	1	20.4	20.7	20.41	21
100	256QAM	1	1	19.24	19.55	19.3	20
Channel				506200	518598	528998	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.99	
90	PI/2 BPSK	1	1	20.49	20.58	20.3	21
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2596.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.39	20.68	20.31	21
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2581.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.46	20.67	20.42	21
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.48	20.65	20.35	21
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.42	20.6	20.37	21
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.45	20.58	20.34	21
Channel				503502	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.47	20.68	20.32	21
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.44	20.58	20.41	21
Channel				502350	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.48	20.6	20.34	21
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.5	20.56	20.35	21
Channel				501354	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.43	20.56	20.31	21
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.38	20.66	20.41	21
Channel				500352	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.49	20.63	20.43	21

<2.4GHz WLAN_Ant7_Full Power>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.49	18.5	97.03
	6	2437	15.57	16.5	97.03
	11	2462	13.97	14.5	97.03
802.11g 6Mbps	1	2412	18.1	19	98.7
	6	2437	18.27	19	98.7
	11	2462	18.17	19	98.7
802.11n-HT20 MCS0	1	2412	17.7	18.5	100
	6	2437	17.74	18.5	100
	11	2462	17.66	18.5	100
802.11n-HT40 MCS0	3	2422	17.98	18.5	100
	6	2437	17.87	18.5	100
	9	2452	17.83	18.5	100
802.11ac-VHT20 MCS0	1	2412	18.15	19	100
	6	2437	18.26	19	100
	11	2462	18.18	19	100
802.11ax-HE40 MCS0	3	2422	17.31	18	100
	6	2437	17.32	18	100
	9	2452	17.27	18	100
802.11be-EHT20 MCS0	1	2412	18.21	19	100
	6	2437	18.34	19	100
	11	2462	18.24	19	100
802.11be-EHT40 MCS0	3	2422	17.35	18	100
	6	2437	17.36	18	100
	9	2452	17.31	18	100

<2.4GHz WLAN_Ant10_Full Power>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.65	18.5	97.05
	6	2437	15.64	16.5	97.05
	11	2462	14.15	15	97.05
802.11g 6Mbps	1	2412	18.42	19	98.7
	6	2437	18.31	19	98.7
	11	2462	18.29	19	98.7
802.11n-HT20 MCS0	1	2412	17.69	18.5	100
	6	2437	17.53	18.5	100
	11	2462	17.55	18.5	100
802.11n-HT40 MCS0	3	2422	17.83	18.5	100
	6	2437	17.61	18.5	100
	9	2452	17.65	18.5	100
802.11ax-HE20 MCS0	1	2412	18.07	19	100
	6	2437	17.96	19	100
	11	2462	18.01	19	100
802.11ax-HE40 MCS0	3	2422	17.12	18	100
	6	2437	17.04	18	100
	9	2452	17.03	18	100
802.11be-EHT20 MCS0	1	2412	18.12	19	100
	6	2437	18.02	19	100
	11	2462	18.05	19	100
802.11be-EHT40 MCS0	3	2422	17.16	18	100
	6	2437	17.08	18	100
	9	2452	17.05	18	100

<2.4GHz WLAN_Ant 7+10_Full Power>

			Ant 7+10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412			
	6	2437			
	11	2462			
802.11g 6Mbps	1	2412			
	6	2437			
	11	2462			
802.11n-HT20 MCS0	1	2412	20.71	21.5	100
	6	2437	20.65	21.5	100
	11	2462	20.62	21.5	100
802.11n-HT40 MCS0	3	2422	20.92	21.5	100
	6	2437	20.75	21.5	100
	9	2452	20.75	21.5	100
802.11ax-HE20 MCS0	1	2412	21.12	22	100
	6	2437	21.12	22	100
	11	2462	21.11	22	100
802.11ax-HE40 MCS0	3	2422	20.23	21	100
	6	2437	20.19	21	100
	9	2452	20.16	21	100
802.11be-EHT20 MCS0	1	2412	21.18	22	100
	6	2437	21.19	22	100
	11	2462	21.16	22	100
802.11be-EHT40 MCS0	3	2422	20.27	21	100
	6	2437	20.23	21	100
	9	2452	20.19	21	100

<5.2GHz WLAN_Ant 9+11_Full Power>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.08	19	18.29	19	21.19	22	99.18
	40	5200	18.07	19	18.32	19	21.21	22	99.18
	44	5220	18.3	19	18.32	19	21.32	22	99.18
	48	5240	18.55	19.5	18.35	19	21.46	22	99.18
802.11n-HT20 MCS0	36	5180	18.1	19	18.12	19	21.12	22	100
	40	5200	18.16	19	18.11	19	21.15	22	100
	44	5220	18.33	19	18.11	19	21.23	22	100
	48	5240	18.6	19.5	18.12	19	21.38	22	100
802.11n-HT40 MCS0	38	5190	17.12	18	17.24	18	20.19	21	100
	46	5230	17.49	18	17.41	18	20.46	21	100
802.11ac-VHT20 MCS0	36	5180	18.13	19	18.15	19	21.15	22	100
	40	5200	18.19	19	18.15	19	21.18	22	100
	44	5220	18.38	19	18.14	19	21.27	22	100
	48	5240	18.64	19.5	18.16	19	21.42	22	100
802.11ac-VHT40 MCS0	38	5190	17.16	18	17.29	18	20.24	21	100
	46	5230	17.54	18.5	17.44	18	20.5	21	100
802.11ac-VHT80 MCS0	42	5210	16.3	17	16.43	17	19.38	20	100
802.11ax-HE20 MCS0	36	5180	18.18	19	18.19	19	21.2	22	100
	40	5200	18.22	19	18.2	19	21.22	22	100
	44	5220	18.41	19	18.19	19	21.31	22	100
	48	5240	18.69	19.5	18.2	19	21.46	22	100
802.11ax-HE40 MCS0	38	5190	17.22	18	17.35	18	20.3	21	100
	46	5230	17.58	18.5	17.48	18	20.54	21	100
802.11ax-HE80 MCS0	42	5210	16.36	17	16.47	17	19.43	20	100
802.11be-EHT20 MCS0	36	5180	18.23	19	18.25	19	21.25	22	100
	40	5200	18.28	19	18.24	19	21.27	22	100
	44	5220	18.46	19.5	18.22	19	21.35	22	100
	48	5240	18.72	19.5	18.24	19	21.5	22	100
802.11be-EHT40 MCS0	38	5190	17.25	18	17.41	18	20.34	21	100
	46	5230	17.64	18	17.53	18.5	20.6	21	100
802.11be-EHT80 MCS0	42	5210	16.41	17	16.53	17	19.48	20.5	100

<5.3GHz WLAN_Ant 9+11_Full Power>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	18.62	19	18.55	19	21.59	22	99.18
	56	5280	18.48	19	18.6	19	21.55	22	99.18
	60	5300	18	19	18.23	19	21.12	22	99.18
	64	5320	18.29	19	18.65	19	21.48	22	99.18
802.11n-HT20 MCS0	52	5260	19.08	19.5	18.7	19.5	21.9	22.5	100
	56	5280	19.11	19.5	18.73	19.5	21.93	22.5	100
	60	5300	19.16	19.5	18.8	19.5	21.99	22.5	100
	64	5320	18.95	19.5	18.9	19.5	21.94	22.5	100
802.11n-HT40 MCS0	54	5270	18.06	19	17.86	19	20.97	22	100
	62	5310	18.05	19	17.86	19	20.97	22	100
802.11ac-VHT20 MCS0	52	5260	19.11	20	18.74	20	21.94	23	100
	56	5280	19.15	20	18.77	20	21.97	23	100
	60	5300	19.22	20	18.84	20	22.04	23	100
	64	5320	19	20	18.93	20	21.98	23	100
802.11ac-VHT40 MCS0	54	5270	18.12	19	17.89	18.5	21.02	22	100
	62	5310	18.11	19	17.9	18.5	21.02	22	100
802.11ac-VHT80 MCS0	58	5290	17.04	18	16.95	18	20.01	21	100
802.11ac-VHT160 MCS0	50	5250	16.27	17	16.23	17	19.26	20	100
802.11ax-HE20 MCS0	52	5260	19.16	20	18.79	20	21.99	23	100
	56	5280	19.18	20	18.8	20	22	23	100
	60	5300	19.26	20	18.87	20	22.08	23	100
	64	5320	19.05	20	18.96	20	22.02	23	100
802.11ax-HE40 MCS0	54	5270	18.17	19	17.92	19	21.06	22	100
	62	5310	18.14	19	17.95	19	21.06	22	100
802.11ax-HE80 MCS0	58	5290	17.11	18	17.01	18	20.07	21	100
802.11ax-HE160 MCS0	50	5250	16.3	17	16.27	17	19.3	20	100
802.11be-EHT20 MCS0	52	5260	19.21	20	18.85	19.5	22.04	23	100
	56	5280	19.22	20	18.85	19.5	22.05	23	100
	60	5300	19.31	20	18.91	19.5	22.12	23	100
	64	5320	19.11	20	19.02	20	22.08	23	100
802.11be-EHT40 MCS0	54	5270	18.21	19	17.98	18.5	21.11	22	100
	62	5310	17.76	18.5	17.71	18.5	20.75	21.5	100
802.11be-EHT80 MCS0	58	5290	17.18	18	17.12	18	20.16	21	100
802.11be-EHT160 MCS0	50	5250	16.36	17	16.32	17	19.35	20	100

<5.5GHz WLAN_Ant 9+11_Full Power>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	19.08	19.5	18.63	19.5	21.87	22.5	99.18
	116	5580	18.26	19	18.3	19.5	21.29	22	99.18
	124	5620	18.26	19	18.48	19.5	21.38	22	99.18
	132	5660	18.17	19	18.25	19.5	21.22	22	99.18
	144	5720	18.4	19	18.55	19.5	21.49	22	99.18
802.11n-HT20 MCS0	100	5500	19.11	20	18.15	19	21.67	22.5	100
	116	5580	18.82	19	18.48	19.5	21.66	22.5	100
	124	5620	18.76	19.5	18.71	19.5	21.75	22.5	100
	132	5660	18.7	19.5	18.52	19.5	21.62	22.5	100
	144	5720	18.46	19.5	18.5	19.5	21.49	22.5	100
802.11n-HT40 MCS0	102	5510	18.12	19	17.33	18.5	20.75	21.5	100
	110	5550	17.81	18.5	17.39	18.5	20.62	21.5	100
	126	5630	17.93	18.5	17.72	18.5	20.84	21.5	100
	134	5670	17.85	18.5	17.47	18.5	20.67	21.5	100
	142	5710	17.75	18.5	17.51	18.5	20.64	21.5	100
802.11ac-VHT20 MCS0	100	5500	19.14	20	18.2	19	21.71	22.5	100
	116	5580	18.85	19.5	18.54	19.5	21.71	22.5	100
	124	5620	18.82	19.5	18.74	19.5	21.79	22.5	100
	132	5660	18.76	19.5	18.55	19.5	21.67	22.5	100
	144	5720	18.52	19.5	18.54	19.5	21.54	22.5	100
802.11ac-VHT40 MCS0	102	5510	18.16	19	17.37	18	20.79	21.5	100
	110	5550	17.87	18.5	17.44	18	20.67	21.5	100
	126	5630	17.97	18.5	17.76	18.5	20.88	21.5	100
	134	5670	17.88	18.5	17.51	18.5	20.71	21.5	100
	142	5710	17.78	18.5	17.55	18.5	20.68	21.5	100
802.11ac-VHT80 MCS0	106	5530	16.63	17.5	16.45	17.5	19.55	20.5	100
	122	5610	16.6	17.5	16.61	17.5	19.62	20.5	100
	138	5690	16.45	17.5	16.39	17.5	19.43	20.5	100
802.11ac-VHT160 MCS0	114	5570	15.87	16.5	15.56	16.5	18.73	19.5	100
802.11ax-HE20 MCS0	100	5500	19.18	20	18.26	19	21.75	22.5	100
	116	5580	18.89	19.5	18.57	19.5	21.74	22.5	100
	124	5620	18.85	19.5	18.79	19.5	21.83	22.5	100
	132	5660	18.8	19.5	18.61	19.5	21.72	22.5	100
	144	5720	18.57	19.5	18.58	19.5	21.59	22.5	100
802.11ax-HE40 MCS0	102	5510	18.54	19.5	17.42	18	21.03	22	100
	110	5550	17.91	18.5	17.48	18	20.71	21.5	100
	126	5630	18.02	19	17.81	18.5	20.93	21.5	100
	134	5670	17.92	18.5	17.54	18.5	20.74	21.5	100
	142	5710	17.83	18.5	17.6	18.5	20.73	21.5	100
802.11ax-HE80 MCS0	106	5530	16.69	17.5	16.55	17.5	19.63	20.5	100
	122	5610	16.68	17.5	16.69	17.5	19.7	20.5	100
	138	5690	16.55	17.5	16.45	17	19.51	20.5	100
802.11ax-HE160 MCS0	114	5570	15.9	16.5	15.61	16.5	18.77	19.5	100
802.11be-EHT20 MCS0	100	5500	19.22	20	18.31	19	21.8	22.5	100
	116	5580	18.93	19.5	18.62	19.5	21.79	22.5	100
	124	5620	18.89	19.5	18.82	19.5	21.87	22.5	100
	132	5660	18.86	19.5	18.65	19.5	21.77	22.5	100
	144	5720	18.63	19.5	18.62	19.5	21.64	22.5	100
802.11be-EHT40 MCS0	102	5510	18.24	19	17.46	18	20.88	21.5	100
	110	5550	17.95	18.5	17.53	18.5	20.76	21.5	100
	126	5630	18.07	19	17.84	18.5	20.97	22	100
	134	5670	17.96	18.5	17.57	18.5	20.78	21.5	100
	142	5710	17.86	18.5	17.64	18.5	20.76	21.5	100
802.11be-EHT80 MCS0	106	5530	16.08	17	15.62	16.5	18.87	19.5	100
	122	5610	16.78	17.5	16.75	17.5	19.78	20.5	100
	138	5690	16.62	17.5	16.55	17.5	19.6	20.5	100
802.11be-EHT160 MCS0	114	5570	15.93	16.5	15.65	16.5	18.8	19.5	100

<5.8GHz WLAN_Ant 9+11_Full Power>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.52	20.5	19.24	20	22.39	23	99.18
	157	5785	19.46	20.5	19.38	20	22.43	23	99.18
	165	5825	19.61	20.5	19.49	20	22.56	23	99.18
802.11n-HT20 MCS0	149	5745	18.51	19.5	18.3	19	21.42	22	100
	157	5785	18.52	19.5	18.31	19	21.43	22	100
	165	5825	18.58	19.5	18.45	19	21.53	22	100
802.11n-HT40 MCS0	151	5755	17.62	18.5	17.24	18	20.44	21	100
	159	5795	17.69	18.5	17.41	18	20.56	21	100
802.11ac-VHT20 MCS0	149	5745	18.57	19.5	18.34	19	21.47	22	100
	157	5785	18.58	19.5	18.35	19	21.48	22	100
	165	5825	18.61	19.5	18.51	19.5	21.57	22.5	100
802.11ac-VHT40 MCS0	151	5755	17.65	18.5	17.3	18	20.49	21	100
	159	5795	17.73	18.5	17.46	18	20.6	21	100
802.11ac-VHT80 MCS0	155	5775	16.7	17.5	16.45	17	19.59	20	100
802.11ax-HE20 MCS0	149	5745	18.6	19.5	18.4	19	21.51	22	100
	157	5785	18.61	19.5	18.41	19	21.52	22	100
	165	5825	18.64	19.5	18.57	19.5	21.62	22.5	100
802.11ax-HE40 MCS0	151	5755	17.71	18.5	17.35	18	20.54	21	100
	159	5795	17.76	18.5	17.51	18.5	20.65	21.5	100
802.11ax-HE80 MCS0	155	5775	16.74	17.5	16.49	17	19.63	20	100
802.11be-EHT20 MCS0	149	5745	18.65	19.5	18.44	19	21.56	22	100
	157	5785	18.66	19.5	18.46	19	21.57	22	100
	165	5825	18.68	19.5	18.63	19.5	21.67	22.5	100
802.11be-EHT40 MCS0	151	5755	17.76	18.5	17.41	18	20.6	21	100
	159	5795	17.81	18.5	17.54	18.5	20.69	21.5	100
802.11be-EHT80 MCS0	155	5775	16.78	17.5	16.54	17.5	19.67	20.5	100

<2.4GHz WLAN_Ant7_Head Standalone>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.11	18	97.03
	6	2437	15.57	16.5	97.03
	11	2462	13.97	14.5	97.03
802.11g 6Mbps	1	2412	16.54	17.5	98.7
	6	2437	16.82	17.5	98.7
	11	2462	16.67	17.5	98.7
802.11n-HT20 MCS0	1	2412	16.68	17.5	100
	6	2437	16.67	17.5	100
	11	2462	16.59	17.5	100
802.11n-HT40 MCS0	3	2422	16.9	17.5	100
	6	2437	16.91	17.5	100
	9	2452	16.75	17.5	100
802.11ac-VHT20 MCS0	1	2412	16.69	17.5	100
	6	2437	16.9	17.5	100
	11	2462	16.77	17.5	100
802.11ax-HE40 MCS0	3	2422	16.83	17.5	100
	6	2437	16.9	17.5	100
	9	2452	16.87	17.5	100
802.11be-EHT20 MCS0	1	2412	16.71	17.5	100
	6	2437	16.84	17.5	100
	11	2462	16.74	17.5	100
802.11be-EHT40 MCS0	3	2422	16.81	17.5	100
	6	2437	16.78	17.5	100
	9	2452	16.8	17.5	100

<2.4GHz WLAN_Ant10_Head Standalone>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.46	18	97.05
	6	2437	15.64	16.5	97.05
	11	2462	14.15	15	97.05
802.11g 6Mbps	1	2412	16.86	17.5	98.7
	6	2437	16.76	17.5	98.7
	11	2462	16.86	17.5	98.7
802.11n-HT20 MCS0	1	2412	16.7	17.5	100
	6	2437	16.56	17.5	100
	11	2462	16.53	17.5	100
802.11n-HT40 MCS0	3	2422	16.83	17.5	100
	6	2437	16.63	17.5	100
	9	2452	16.69	17.5	100
802.11ax-HE20 MCS0	1	2412	16.66	17.5	100
	6	2437	16.57	17.5	100
	11	2462	16.58	17.5	100
802.11ax-HE40 MCS0	3	2422	16.61	17.5	100
	6	2437	16.65	17.5	100
	9	2452	16.6	17.5	100
802.11be-EHT20 MCS0	1	2412	16.62	17.5	100
	6	2437	16.52	17.5	100
	11	2462	16.55	17.5	100
802.11be-EHT40 MCS0	3	2422	16.69	17.5	100
	6	2437	16.56	17.5	100
	9	2452	16.57	17.5	100

<2.4GHz WLAN_Ant 7+10_Head Standalone>

			Ant 7+10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412			
	6	2437			
	11	2462			
802.11g 6Mbps	1	2412			
	6	2437			
	11	2462			
802.11n-HT20 MCS0	1	2412	19.7	20.5	100
	6	2437	19.63	20.5	100
	11	2462	19.57	20.5	100
802.11n-HT40 MCS0	3	2422	19.88	20.5	100
	6	2437	19.78	20.5	100
	9	2452	19.73	20.5	100
802.11ax-HE20 MCS0	1	2412	19.69	20.5	100
	6	2437	19.75	20.5	100
	11	2462	19.69	20.5	100
802.11ax-HE40 MCS0	3	2422	19.73	20.5	100
	6	2437	19.79	20.5	100
	9	2452	19.75	20.5	100
802.11be-EHT20 MCS0	1	2412	19.68	20.5	100
	6	2437	19.69	20.5	100
	11	2462	19.66	20.5	100
802.11be-EHT40 MCS0	3	2422	19.76	20.5	100
	6	2437	19.68	20.5	100
	9	2452	19.70	20.5	100

<5.2GHz WLAN_Ant 9+11_Head Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	12.22	13	11.98	13	15.11	16	99.18
	40	5200	12.17	13	12.09	13	15.14	16	99.18
	44	5220	12.36	13	12.13	13	15.26	16	99.18
	48	5240	12.62	13.5	11.99	13	15.33	16	99.18
802.11n-HT20 MCS0	36	5180	12.18	13	12.07	13	15.14	16	100
	40	5200	12.14	13	12.15	13	15.16	16	100
	44	5220	12.26	13	12.18	13	15.23	16	100
	48	5240	12.57	13.5	12.15	13	15.38	16	100
802.11n-HT40 MCS0	38	5190	12.14	13	12.29	13	15.23	16	100
	46	5230	12.47	13	12.4	13	15.45	16	100
802.11ac-VHT20 MCS0	36	5180	12.07	13	12.13	13	15.11	16	100
	40	5200	12.27	13	12.21	13	15.25	16	100
	44	5220	12.4	13	12.15	13	15.29	16	100
	48	5240	12.61	13.5	12.23	13	15.43	16	100
802.11ac-VHT40 MCS0	38	5190	12.11	13	12.27	13	15.2	16	100
	46	5230	12.5	13.5	12.39	13	15.46	16	100
802.11ac-VHT80 MCS0	42	5210	12.36	13	12.35	13	15.37	16	100
802.11ax-HE20 MCS0	36	5180	12.2	13	12.13	13	15.18	16	100
	40	5200	12.15	13	12.19	13	15.18	16	100
	44	5220	12.38	13	12.21	13	15.31	16	100
	48	5240	12.7	13.5	12.26	13	15.5	16	100
802.11ax-HE40 MCS0	38	5190	12.29	13	12.38	13	15.35	16	100
	46	5230	12.52	13.5	12.5	13	15.52	16	100
802.11ax-HE80 MCS0	42	5210	12.33	13	12.48	13	15.42	16	100
802.11be-EHT20 MCS0	36	5180	12.3	13	12.24	13	15.28	16	100
	40	5200	12.35	13	12.23	13	15.3	16	100
	44	5220	12.44	13.5	12.29	13	15.38	16	100
	48	5240	12.7	13.5	12.2	13	15.47	16	100
802.11be-EHT40 MCS0	38	5190	12.23	13	12.47	13	15.36	16	100
	46	5230	12.45	13	12.38	13	15.43	16	100
802.11be-EHT80 MCS0	42	5210	12.35	13	12.27	13	15.32	16	100

<5.3GHz WLAN_Ant 9+11_Head Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	12.85	13.5	12.65	13.5	15.81	16.5	99.18
	56	5280	13.02	13.5	12.77	13.5	15.91	16.5	99.18
	60	5300	13.13	13.5	12.86	13.5	16.01	16.5	99.18
	64	5320	12.94	13.5	12.85	13.5	15.91	16.5	99.18
802.11n-HT20 MCS0	52	5260	13.03	13.5	12.7	13.5	15.86	16.5	100
	56	5280	13.1	13.5	12.77	13.5	15.95	16.5	100
	60	5300	13.23	13.5	12.85	13.5	16.05	16.5	100
	64	5320	12.91	13.5	12.91	13.5	15.92	16.5	100
802.11n-HT40 MCS0	54	5270	13.07	14	12.84	14	15.97	17	100
	62	5310	13.11	14	12.89	14	16.01	17	100
802.11ac-VHT20 MCS0	52	5260	13.16	14	12.78	14	15.98	17	100
	56	5280	13.15	14	12.63	14	15.91	17	100
	60	5300	13.23	14	12.82	14	16.04	17	100
	64	5320	12.98	14	13.01	14	16.01	17	100
802.11ac-VHT40 MCS0	54	5270	13.18	14	12.96	13.5	16.08	17	100
	62	5310	13.04	14	13.02	13.5	16.04	17	100
802.11ac-VHT80 MCS0	58	5290	12.97	14	12.95	14	15.97	17	100
802.11ac-VHT160 MCS0	50	5250	13.32	14	13.29	14	16.32	17	100
802.11ax-HE20 MCS0	52	5260	13.21	14	12.72	14	15.98	17	100
	56	5280	13.13	14	12.91	14	16.03	17	100
	60	5300	13.3	14	12.76	14	16.05	17	100
	64	5320	13.03	14	12.95	14	16	17	100
802.11ax-HE40 MCS0	54	5270	13.14	14	12.94	14	16.05	17	100
	62	5310	13.16	14	12.88	14	16.03	17	100
802.11ax-HE80 MCS0	58	5290	13.18	14	12.95	14	16.08	17	100
802.11ax-HE160 MCS0	50	5250	13.26	14	13.18	14	16.23	17	100
802.11be-EHT20 MCS0	52	5260	13.26	14	12.87	13.5	16.08	17	100
	56	5280	13.16	14	12.76	13.5	15.97	17	100
	60	5300	13.35	14	12.86	13.5	16.12	17	100
	64	5320	13.19	14	13.02	14	16.12	17	100
802.11be-EHT40 MCS0	54	5270	13.22	14	12.95	13.5	16.1	17	100
	62	5310	13.16	14	12.96	13.5	16.07	17	100
802.11be-EHT80 MCS0	58	5290	13.14	14	13.11	14	16.14	17	100
802.11be-EHT160 MCS0	50	5250	13.43	14	13.32	14	16.39	17	100

<5.5GHz WLAN_Ant 9+11_Head Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	12.7	13	11.79	13	15.28	16	99.18
	116	5580	12.33	13	12.02	13	15.19	16	99.18
	124	5620	12.25	13	12	13	15.14	16	99.18
	132	5660	12.33	13	11.96	13	15.16	16	99.18
	144	5720	11.97	13	11.81	13	14.9	16	99.18
802.11n-HT20 MCS0	100	5500	12.36	13.5	11.67	12.5	15.15	16	100
	116	5580	12.36	12.5	12.04	13	15.21	16	100
	124	5620	12.29	13	12.21	13	15.26	16	100
	132	5660	12.22	13	12.07	13	15.16	16	100
	144	5720	12.04	13	11.96	13	15.01	16	100
802.11n-HT40 MCS0	102	5510	12.6	13.5	11.87	13	15.26	16	100
	110	5550	12.35	13	11.87	13	15.13	16	100
	126	5630	12.43	13	12.25	13	15.35	16	100
	134	5670	12.28	13	12	13	15.15	16	100
	142	5710	12.32	13	12	13	15.17	16	100
802.11ac-VHT20 MCS0	100	5500	12.67	13.5	11.63	12.5	15.19	16	100
	116	5580	12.33	13	12.09	13	15.22	16	100
	124	5620	12.28	13	12.23	13	15.27	16	100
	132	5660	12.32	13	12.09	13	15.22	16	100
	144	5720	11.96	13	12.05	13	15.02	16	100
802.11ac-VHT40 MCS0	102	5510	12.61	13.5	11.79	12.5	15.23	16	100
	110	5550	12.43	13	11.94	12.5	15.2	16	100
	126	5630	12.51	13	12.18	13	15.36	16	100
	134	5670	12.35	13	12.05	13	15.21	16	100
	142	5710	12.3	13	12.03	13	15.18	16	100
802.11ac-VHT80 MCS0	106	5530	12.09	13	11.99	13	15.05	16	100
	122	5610	12.13	13	12.13	13	15.14	16	100
	138	5690	11.88	13	11.94	13	14.92	16	100
802.11ac-VHT 160 MCS0	114	5570	12.35	13	12.04	13	15.21	16	100
802.11ax-HE20 MCS0	100	5500	12.69	13.5	11.82	12.5	15.29	16	100
	116	5580	12.46	13	12.01	13	15.25	16	100
	124	5620	12.34	13	12.24	13	15.3	16	100
	132	5660	12.32	13	12.16	13	15.25	16	100
	144	5720	12.02	13	12.14	13	15.09	16	100
802.11ax-HE40 MCS0	102	5510	13.06	14	11.95	12.5	15.55	16	100
	110	5550	12.4	13	11.9	12.5	15.17	16	100
	126	5630	12.52	13.5	12.28	13	15.41	16	100
	134	5670	12.34	13	12.02	13	15.19	16	100
	142	5710	12.29	13	12.07	13	15.19	16	100
802.11ax-HE80 MCS0	106	5530	12.16	13	12.06	13	15.12	16	100
	122	5610	12.15	13	12.27	13	15.22	16	100
	138	5690	11.99	13	11.96	12.5	15	16	100
802.11ax-HE160 MCS0	114	5570	12.43	13	12.15	13	15.3	16	100
802.11be-EHT20 MCS0	100	5500	12.78	13.5	11.81	12.5	15.33	16	100
	116	5580	12.35	13	12.06	13	15.22	16	100
	124	5620	12.35	13	12.26	13	15.32	16	100
	132	5660	12.35	13	12.14	13	15.26	16	100
	144	5720	12.1	13	12.18	13	15.15	16	100
802.11be-EHT40 MCS0	102	5510	12.5	13.5	11.95	12.5	15.24	16	100
	110	5550	12.47	13	12.03	13	15.27	16	100
	126	5630	12.32	13	12.36	13	15.35	16	100
	134	5670	12.39	13	12.03	13	15.22	16	100
	142	5710	12.39	13	12.17	13	15.29	16	100
802.11be-EHT80 MCS0	106	5530	12.27	13	12.1	13	15.2	16	100
	122	5610	12.23	13	12.19	13	15.22	16	100
	138	5690	12.06	13	12.06	13	15.07	16	100
802.11be-EHT 160 MCS0	114	5570	12.39	13	12.21	13	15.31	16	100

<5.8GHz WLAN_Ant 9+11_Head Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	12	13	11.71	12.5	14.87	15.5	99.18
	157	5785	11.97	13	11.81	12.5	14.9	15.5	99.18
	165	5825	12.13	13	12.03	12.5	15.09	15.5	99.18
802.11n-HT20 MCS0	149	5745	11.98	13	11.78	12.5	14.89	15.5	100
	157	5785	11.95	13	11.77	12.5	14.87	15.5	100
	165	5825	12.02	13	11.98	12.5	15.01	15.5	100
802.11n-HT 40 MCS0	151	5755	12.16	13	11.74	12.5	14.97	15.5	100
802.11ac-VHT20 MCS0	159	5795	12.19	13	11.86	12.5	15.04	15.5	100
	149	5745	12.02	13	11.83	12.5	14.94	15.5	100
	157	5785	12.16	13	11.84	12.5	15.01	15.5	100
	165	5825	12.07	13	12.01	13	15.05	16	100
802.11ac-VHT40 MCS0	151	5755	12.18	13	11.76	12.5	14.99	15.5	100
802.11ac-VHT80 MCS0	159	5795	12.3	13	11.96	12.5	15.14	15.5	100
802.11ax-HE20 MCS0	155	5775	12.17	13	12.11	13	15.15	16	100
	149	5745	12.05	13	11.84	12.5	14.96	15.5	100
	157	5785	12.18	13	11.87	12.5	15.04	15.5	100
	165	5825	12.17	13	12.1	13	15.15	16	100
802.11ax-HE40 MCS0	151	5755	12.15	13	11.82	12.5	15	15.5	100
	159	5795	12.18	13	12.03	13	15.12	16	100
802.11ax-HE80 MCS0	155	5775	12.24	13	12.25	13	15.26	16	100
802.11be-EHT20 MCS0	149	5745	12.11	13	11.92	12.5	15.03	15.5	100
	157	5785	12.12	13	12.03	12.5	15.09	15.5	100
	165	5825	12.13	13	12.14	13	15.15	16	100
802.11be-EHT40 MCS0	151	5755	12.26	13	11.83	12.5	15.06	15.5	100
	159	5795	12.28	13	12.04	13	15.17	16	100
802.11be-EHT80 MCS0	155	5775	12.28	13	12.06	13	15.18	16	100

<2.4GHz WLAN_Ant7_Hotspot Standalone>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.49	18.5	97.03
	6	2437	15.57	16.5	97.03
	11	2462	13.97	14.5	97.03
802.11g 6Mbps	1	2412	18.1	19	98.7
	6	2437	18.27	19	98.7
	11	2462	18.17	19	98.7
802.11n-HT20 MCS0	1	2412	17.7	18.5	100
	6	2437	17.74	18.5	100
	11	2462	17.66	18.5	100
802.11n-HT40 MCS0	3	2422	17.98	18.5	100
	6	2437	17.87	18.5	100
	9	2452	17.83	18.5	100
802.11ac-VHT20 MCS0	1	2412	18.15	19	100
	6	2437	18.26	19	100
	11	2462	18.18	19	100
802.11ax-HE40 MCS0	3	2422	17.31	18	100
	6	2437	17.32	18	100
	9	2452	17.27	18	100
802.11be-EHT20 MCS0	1	2412	18.21	19	100
	6	2437	18.34	19	100
	11	2462	18.24	19	100
802.11be-EHT40 MCS0	3	2422	17.35	18	100
	6	2437	17.36	18	100
	9	2452	17.31	18	100

<2.4GHz WLAN_Ant10_Hotspot Standalone>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.65	18.5	97.05
	6	2437	15.64	16.5	97.05
	11	2462	14.15	15	97.05
802.11g 6Mbps	1	2412	18.42	19	98.7
	6	2437	18.31	19	98.7
	11	2462	18.29	19	98.7
802.11n-HT20 MCS0	1	2412	17.69	18.5	100
	6	2437	17.53	18.5	100
	11	2462	17.55	18.5	100
802.11n-HT40 MCS0	3	2422	17.83	18.5	100
	6	2437	17.61	18.5	100
	9	2452	17.65	18.5	100
802.11ax-HE20 MCS0	1	2412	18.07	19	100
	6	2437	17.96	19	100
	11	2462	18.01	19	100
802.11ax-HE40 MCS0	3	2422	17.12	18	100
	6	2437	17.04	18	100
	9	2452	17.03	18	100
802.11be-EHT20 MCS0	1	2412	18.12	19	100
	6	2437	18.02	19	100
	11	2462	18.05	19	100
802.11be-EHT40 MCS0	3	2422	17.16	18	100
	6	2437	17.08	18	100
	9	2452	17.05	18	100

<2.4GHz WLAN_Ant 7+10_Hotspot Standalone>

			Ant 7+10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412			
	6	2437			
	11	2462			
802.11g 6Mbps	1	2412			
	6	2437			
	11	2462			
802.11n-HT20 MCS0	1	2412	20.71	21.5	100
	6	2437	20.65	21.5	100
	11	2462	20.62	21.5	100
802.11n-HT40 MCS0	3	2422	20.92	21.5	100
	6	2437	20.75	21.5	100
	9	2452	20.75	21.5	100
802.11ax-HE20 MCS0	1	2412	21.12	22	100
	6	2437	21.12	22	100
	11	2462	21.11	22	100
802.11ax-HE40 MCS0	3	2422	20.23	21	100
	6	2437	20.19	21	100
	9	2452	20.16	21	100
802.11be-EHT20 MCS0	1	2412	21.18	22	100
	6	2437	21.19	22	100
	11	2462	21.16	22	100
802.11be-EHT40 MCS0	3	2422	20.27	21	100
	6	2437	20.23	21	100
	9	2452	20.19	21	100

<5.2GHz WLAN_Ant 9+11_Hotspot Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	17.21	18	16.95	18	20.09	21	99.18
	40	5200	17.12	18	16.97	18	20.06	21	99.18
	44	5220	17.31	18	17.1	18	20.22	21	99.18
	48	5240	17.63	18.5	16.98	18	20.33	21	99.18
802.11n-HT20 MCS0	36	5180	17.11	18	17.07	18	20.1	21	100
	40	5200	17.18	18	17.11	18	20.16	21	100
	44	5220	17.36	18	17.06	18	20.22	21	100
	48	5240	17.67	18.5	17.09	18	20.4	21	100
802.11n-HT40 MCS0	38	5190	17.12	18	17.24	18	20.19	21	100
	46	5230	17.49	18	17.41	18	20.46	21	100
802.11ac-VHT20 MCS0	36	5180	17.15	18	17.09	18	20.13	21	100
	40	5200	17.13	18	17.11	18	20.13	21	100
	44	5220	17.41	18	17.08	18	20.26	21	100
	48	5240	17.69	18.5	17.16	18	20.44	21	100
802.11ac-VHT40 MCS0	38	5190	17.16	18	17.29	18	20.24	21	100
	46	5230	17.54	18.5	17.44	18	20.5	21	100
802.11ac-VHT80 MCS0	42	5210	16.3	17	16.43	17	19.38	20	100
802.11ax-HE20 MCS0	36	5180	17.15	18	17.15	18	20.16	21	100
	40	5200	17.25	18	17.26	18	20.27	21	100
	44	5220	17.41	18	17.2	18	20.32	21	100
	48	5240	17.76	18.5	17.27	18	20.53	21	100
802.11ax-HE40 MCS0	38	5190	17.22	18	17.35	18	20.3	21	100
	46	5230	17.58	18.5	17.48	18	20.54	21	100
802.11ax-HE80 MCS0	42	5210	16.36	17	16.47	17	19.43	20	100
802.11be-EHT20 MCS0	36	5180	17.31	18	17.28	18	20.31	21	100
	40	5200	17.35	18	17.16	18	20.27	21	100
	44	5220	17.51	18.5	17.27	18	20.4	21	100
	48	5240	17.67	18.5	17.19	18	20.45	21	100
802.11be-EHT40 MCS0	38	5190	17.25	18	17.41	18	20.34	21	100
	46	5230	17.64	18	17.53	18.5	20.6	21	100
802.11be-EHT80 MCS0	42	5210	16.41	17	16.53	17	19.48	20.5	100

<5.8GHz WLAN_Ant 9+11_Hotspot Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	15.38	16.5	15.34	16	18.37	19	99.18
	157	5785	15.46	16	15.3	16	18.39	19	99.18
	165	5825	15.69	16.5	15.5	16	18.61	19	99.18
802.11n-HT20 MCS0	149	5745	15.43	16.5	15.3	16	18.38	19	100
	157	5785	15.54	16.5	15.32	16	18.44	19	100
	165	5825	15.59	16.5	15.47	16	18.54	19	100
802.11n-HT40 MCS0	151	5755	15.56	16.5	15.18	16	18.38	19	100
	159	5795	15.55	16.5	15.34	16	18.46	19	100
802.11ac-VHT20 MCS0	149	5745	15.67	16.5	15.42	16	18.56	19	100
	157	5785	15.56	16.5	15.37	16	18.48	19	100
	165	5825	15.59	16.5	15.45	16.5	18.53	19.5	100
802.11ac-VHT40 MCS0	151	5755	15.74	16.5	15.36	16	18.56	19	100
	159	5795	15.84	16.5	15.49	16	18.68	19	100
802.11ac-VHT80 MCS0	155	5775	15.57	16.5	15.37	16.5	18.48	19.5	100
802.11ax-HE20 MCS0	149	5745	15.5	16.5	15.3	16	18.41	19	100
	157	5785	15.6	16.5	15.3	16	18.46	19	100
	165	5825	15.53	16.5	15.55	16.5	18.55	19.5	100
802.11ax-HE40 MCS0	151	5755	15.6	16.5	15.32	16	18.47	19	100
	159	5795	15.86	16.5	15.47	16.5	18.68	19.5	100
802.11ax-HE80 MCS0	155	5775	15.77	16.5	15.53	16	18.66	19	100
802.11be-EHT20 MCS0	149	5745	15.61	16.5	15.49	16	18.56	19	100
	157	5785	15.63	16.5	15.54	16	18.6	19	100
	165	5825	15.64	16.5	15.64	16.5	18.65	19.5	100
802.11be-EHT40 MCS0	151	5755	15.76	16.5	15.41	16	18.6	19	100
	159	5795	15.77	16.5	15.58	16.5	18.69	19.5	100
802.11be-EHT80 MCS0	155	5775	15.71	16.5	15.63	16.5	18.68	19.5	100

<2.4GHz WLAN_Ant7_Body worn Standalone>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.49	18.5	97.03
	6	2437	15.57	16.5	97.03
	11	2462	13.97	14.5	97.03
802.11g 6Mbps	1	2412	18.1	19	98.7
	6	2437	18.27	19	98.7
	11	2462	18.17	19	98.7
802.11n-HT20 MCS0	1	2412	17.7	18.5	100
	6	2437	17.74	18.5	100
	11	2462	17.66	18.5	100
802.11n-HT40 MCS0	3	2422	17.98	18.5	100
	6	2437	17.87	18.5	100
	9	2452	17.83	18.5	100
802.11ac-VHT20 MCS0	1	2412	18.15	19	100
	6	2437	18.26	19	100
	11	2462	18.18	19	100
802.11ax-HE40 MCS0	3	2422	17.31	18	100
	6	2437	17.32	18	100
	9	2452	17.27	18	100
802.11be-EHT20 MCS0	1	2412	18.21	19	100
	6	2437	18.34	19	100
	11	2462	18.24	19	100
802.11be-EHT40 MCS0	3	2422	17.35	18	100
	6	2437	17.36	18	100
	9	2452	17.31	18	100

<2.4GHz WLAN_Ant10_Body worn Standalone>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.65	18.5	97.05
	6	2437	15.64	16.5	97.05
	11	2462	14.15	15	97.05
802.11g 6Mbps	1	2412	18.42	19	98.7
	6	2437	18.31	19	98.7
	11	2462	18.29	19	98.7
802.11n-HT20 MCS0	1	2412	17.69	18.5	100
	6	2437	17.53	18.5	100
	11	2462	17.55	18.5	100
802.11n-HT40 MCS0	3	2422	17.83	18.5	100
	6	2437	17.61	18.5	100
	9	2452	17.65	18.5	100
802.11ax-HE20 MCS0	1	2412	18.07	19	100
	6	2437	17.96	19	100
	11	2462	18.01	19	100
802.11ax-HE40 MCS0	3	2422	17.12	18	100
	6	2437	17.04	18	100
	9	2452	17.03	18	100
802.11be-EHT20 MCS0	1	2412	18.12	19	100
	6	2437	18.02	19	100
	11	2462	18.05	19	100
802.11be-EHT40 MCS0	3	2422	17.16	18	100
	6	2437	17.08	18	100
	9	2452	17.05	18	100

<2.4GHz WLAN_Ant 7+10_Body worn Standalone>

			Ant 7+10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412			
	6	2437			
	11	2462			
802.11g 6Mbps	1	2412			
	6	2437			
	11	2462			
802.11n-HT20 MCS0	1	2412	20.71	21.5	100
	6	2437	20.65	21.5	100
	11	2462	20.62	21.5	100
802.11n-HT40 MCS0	3	2422	20.92	21.5	100
	6	2437	20.75	21.5	100
	9	2452	20.75	21.5	100
802.11ax-HE20 MCS0	1	2412	21.12	22	100
	6	2437	21.12	22	100
	11	2462	21.11	22	100
802.11ax-HE40 MCS0	3	2422	20.23	21	100
	6	2437	20.19	21	100
	9	2452	20.16	21	100
802.11be-EHT20 MCS0	1	2412	21.18	22	100
	6	2437	21.19	22	100
	11	2462	21.16	22	100
802.11be-EHT40 MCS0	3	2422	20.27	21	100
	6	2437	20.23	21	100
	9	2452	20.19	21	100

<5.2GHz WLAN_Ant 9+11_Body worn Standalone>

Mode	Channel	Frequency (MHz)	Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	17.21	18	16.95	18	20.09	21	99.18
	40	5200	17.12	18	16.97	18	20.06	21	99.18
	44	5220	17.31	18	17.1	18	20.22	21	99.18
	48	5240	17.63	18.5	16.98	18	20.33	21	99.18
802.11n-HT20 MCS0	36	5180	17.11	18	17.07	18	20.1	21	100
	40	5200	17.18	18	17.11	18	20.16	21	100
	44	5220	17.36	18	17.06	18	20.22	21	100
	48	5240	17.67	18.5	17.09	18	20.4	21	100
802.11n-HT40 MCS0	38	5190	17.12	18	17.24	18	20.19	21	100
	46	5230	17.49	18	17.41	18	20.46	21	100
802.11ac-VHT20 MCS0	36	5180	17.15	18	17.09	18	20.13	21	100
	40	5200	17.13	18	17.11	18	20.13	21	100
	44	5220	17.41	18	17.08	18	20.26	21	100
	48	5240	17.69	18.5	17.16	18	20.44	21	100
802.11ac-VHT40 MCS0	38	5190	17.16	18	17.29	18	20.24	21	100
	46	5230	17.54	18.5	17.44	18	20.5	21	100
802.11ac-VHT80 MCS0	42	5210	16.3	17	16.43	17	19.38	20	100
802.11ax-HE20 MCS0	36	5180	17.15	18	17.15	18	20.16	21	100
	40	5200	17.25	18	17.26	18	20.27	21	100
	44	5220	17.41	18	17.2	18	20.32	21	100
	48	5240	17.76	18.5	17.27	18	20.53	21	100
802.11ax-HE40 MCS0	38	5190	17.22	18	17.35	18	20.3	21	100
	46	5230	17.58	18.5	17.48	18	20.54	21	100
802.11ax-HE80 MCS0	42	5210	16.36	17	16.47	17	19.43	20	100
802.11be-EHT20 MCS0	36	5180	17.31	18	17.28	18	20.31	21	100
	40	5200	17.35	18	17.16	18	20.27	21	100
	44	5220	17.51	18.5	17.27	18	20.4	21	100
	48	5240	17.67	18.5	17.19	18	20.45	21	100
802.11be-EHT40 MCS0	38	5190	17.25	18	17.41	18	20.34	21	100
	46	5230	17.64	18	17.53	18.5	20.6	21	100
802.11be-EHT80 MCS0	42	5210	16.41	17	16.53	17	19.48	20.5	100

<5.3GHz WLAN_Ant 9+11_Body worn Standalone>

Mode	Channel	Frequency (MHz)	Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.98	18.5	17.65	18.5	20.83	21.5	99.18
	56	5280	17.99	18.5	17.69	18.5	20.85	21.5	99.18
	60	5300	18.11	18.5	17.88	18.5	21.01	21.5	99.18
	64	5320	18.08	18.5	17.82	18.5	20.96	21.5	99.18
802.11n-HT20 MCS0	52	5260	18.08	18.5	17.71	18.5	20.91	21.5	100
	56	5280	18.08	18.5	17.8	18.5	20.95	21.5	100
	60	5300	18.17	18.5	17.74	18.5	20.97	21.5	100
	64	5320	17.98	18.5	17.94	18.5	20.96	21.5	100
802.11n-HT40 MCS0	54	5270	18.06	19	17.86	19	20.97	22	100
	62	5310	18.05	19	17.86	19	20.97	22	100
802.11ac-VHT20 MCS0	52	5260	18.13	19	17.79	19	20.97	22	100
	56	5280	18.14	19	17.77	19	20.97	22	100
	60	5300	18.15	19	17.91	19	21.04	22	100
	64	5320	18.07	19	17.87	19	20.98	22	100
802.11ac-VHT40 MCS0	54	5270	18.12	19	17.89	18.5	21.02	22	100
	62	5310	18.11	19	17.9	18.5	21.02	22	100
802.11ac-VHT80 MCS0	58	5290	17.04	18	16.95	18	20.01	21	100
802.11ac-VHT160 MCS0	50	5250	16.27	17	16.23	17	19.26	20	100
802.11ax-HE20 MCS0	52	5260	18.21	19	17.81	19	21.02	22	100
	56	5280	18.19	19	17.73	19	20.98	22	100
	60	5300	18.31	19	17.84	19	21.09	22	100
	64	5320	18.01	19	18.03	19	21.03	22	100
802.11ax-HE40 MCS0	54	5270	18.14	19	17.95	19	21.06	22	100
	62	5310	18.14	19	17.95	19	21.06	22	100
802.11ax-HE80 MCS0	58	5290	17.11	18	17.01	18	20.07	21	100
802.11ax-HE160 MCS0	50	5250	16.3	17	16.27	17	19.3	20	100
802.11be-EHT20 MCS0	52	5260	18.15	19	17.84	18.5	21.01	22	100
	56	5280	18.22	19	17.92	18.5	21.08	22	100
	60	5300	18.31	19	17.84	18.5	21.09	22	100
	64	5320	18.17	19	18.05	19	21.12	22	100
802.11be-EHT40 MCS0	54	5270	18.21	19	17.98	18.5	21.11	22	100
	62	5310	18.2	19	17.99	18.5	21.11	22	100
802.11be-EHT80 MCS0	58	5290	17.18	18	17.12	18	20.16	21	100
802.11be-EHT160 MCS0	50	5250	16.36	17	16.32	17	19.35	20	100

<5.5GHz WLAN_Ant 9+11_Body worn Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	17.64	18	16.65	18	20.18	21	99.18
	116	5580	17.29	18	16.92	18	20.12	21	99.18
	124	5620	17.25	18	17.05	18	20.16	21	99.18
	132	5660	17.27	18	16.96	18	20.13	21	99.18
	144	5720	17.03	18	16.79	18	19.92	21	99.18
802.11n-HT20 MCS0	100	5500	17.6	18.5	16.65	17.5	20.16	21	100
	116	5580	17.24	17.5	16.95	18	20.11	21	100
	124	5620	17.3	18	17.29	18	20.31	21	100
	132	5660	17.19	18	16.99	18	20.1	21	100
	144	5720	17.02	18	16.97	18	20.01	21	100
802.11n-HT40 MCS0	102	5510	17.58	18.5	16.85	18	20.24	21	100
	110	5550	17.27	18	16.81	18	20.06	21	100
	126	5630	17.39	18	17.18	18	20.3	21	100
	134	5670	17.4	18	17	18	20.21	21	100
	142	5710	17.32	18	17.09	18	20.22	21	100
802.11ac-VHT20 MCS0	100	5500	17.66	18.5	16.64	17.5	20.19	21	100
	116	5580	17.36	18	16.98	18	20.18	21	100
	124	5620	17.32	18	17.16	18	20.25	21	100
	132	5660	17.22	18	17.05	18	20.15	21	100
	144	5720	17.06	18	16.98	18	20.03	21	100
802.11ac-VHT40 MCS0	102	5510	17.59	18.5	16.83	17.5	20.24	21.5	100
	110	5550	17.34	18	16.98	17.5	20.17	21	100
	126	5630	17.42	18	17.21	18	20.33	21	100
	134	5670	17.45	18	16.97	18	20.23	21	100
	142	5710	17.36	18	17.07	18	20.23	21	100
802.11ac-VHT80 MCS0	106	5530	16.63	17.5	16.45	17.5	19.55	20.5	100
	122	5610	16.6	17.5	16.61	17.5	19.62	20.5	100
	138	5690	16.45	17.5	16.39	17.5	19.43	20.5	100
802.11ac-VHT160 MCS0	114	5570	15.87	16.5	15.56	16.5	18.73	19.5	100
802.11ax-HE20 MCS0	100	5500	17.61	18.5	16.78	17.5	20.23	21	100
	116	5580	17.32	18	17.12	18	20.23	21	100
	124	5620	17.29	18	17.29	18	20.3	21	100
	132	5660	17.25	18	17.12	18	20.2	21	100
	144	5720	17.03	18	17.09	18	20.07	21	100
802.11ax-HE40 MCS0	102	5510	18.09	19	16.87	17.5	20.53	21.5	100
	110	5550	17.33	18	17.02	17.5	20.19	21	100
	126	5630	17.51	18.5	17.32	18	20.43	21	100
	134	5670	17.37	18	17.1	18	20.25	21	100
	142	5710	17.31	18	17.13	18	20.23	21	100
802.11ax-HE80 MCS0	106	5530	16.69	17.5	16.55	17.5	19.63	20.5	100
	122	5610	16.68	17.5	16.69	17.5	19.7	20.5	100
	138	5690	16.55	17.5	16.45	17	19.51	20.5	100
802.11ax-HE160 MCS0	114	5570	15.9	16.5	15.61	16.5	18.77	19.5	100
802.11be-EHT20 MCS0	100	5500	17.8	18.5	16.87	17.5	20.37	21	100
	116	5580	17.37	18	17.04	18	20.22	21	100
	124	5620	17.46	18	17.28	18	20.38	21	100
	132	5660	17.42	18	17.08	18	20.26	21	100
	144	5720	17.18	18	17.14	18	20.17	21	100
802.11be-EHT40 MCS0	102	5510	17.69	18.5	16.89	17.5	20.32	21	100
	110	5550	17.41	18	17	18	20.22	21	100
	126	5630	17.62	18.5	17.32	18	20.48	21.5	100
	134	5670	17.53	18	17	18	20.28	21	100
	142	5710	17.37	18	17.17	18	20.28	21	100
802.11be-EHT80 MCS0	106	5530	16.77	17.5	16.62	17.5	19.71	20.5	100
	122	5610	16.78	17.5	16.75	17.5	19.78	20.5	100
	138	5690	16.62	17.5	16.55	17.5	19.6	20.5	100
802.11be-EHT160 MCS0	114	5570	15.93	16.5	15.65	16.5	18.8	19.5	100

<5.8GHz WLAN_Ant 9+11_Body worn Standalone>

			Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	15.43	16.5	15.29	16	18.37	19	99.18
	157	5785	15.44	16	15.37	16	18.42	19	99.18
	165	5825	15.66	16.5	15.56	16	18.62	19	99.18
802.11n-HT20 MCS0	149	5745	15.37	16.5	15.27	16	18.33	19	100
	157	5785	15.5	16.5	15.35	16	18.44	19	100
	165	5825	15.61	16.5	15.4	16	18.52	19	100
802.11n-HT40 MCS0	151	5755	15.54	16.5	15.22	16	18.39	19	100
	159	5795	15.62	16.5	15.37	16	18.51	19	100
802.11ac-VHT20 MCS0	149	5745	15.68	16.5	15.35	16	18.53	19	100
	157	5785	15.6	16.5	15.42	16	18.52	19	100
	165	5825	15.6	16.5	15.53	16.5	18.58	19.5	100
802.11ac-VHT40 MCS0	151	5755	15.75	16.5	15.34	16	18.56	19	100
	159	5795	15.77	16.5	15.53	16	18.66	19	100
802.11ac-VHT80 MCS0	155	5775	15.65	16.5	15.41	16.5	18.54	19.5	100
802.11ax-HE20 MCS0	149	5745	15.57	16.5	15.37	16	18.48	19	100
	157	5785	15.53	16.5	15.37	16	18.46	19	100
	165	5825	15.52	16.5	15.5	16.5	18.52	19.5	100
802.11ax-HE40 MCS0	151	5755	15.67	16.5	15.36	16	18.53	19	100
	159	5795	15.89	16.5	15.49	16.5	18.7	19.5	100
802.11ax-HE80 MCS0	155	5775	15.81	16.5	15.53	16	18.68	19	100
802.11be-EHT20 MCS0	149	5745	15.63	16.5	15.5	16	18.58	19	100
	157	5785	15.58	16.5	15.52	16	18.56	19	100
	165	5825	15.85	16.5	15.59	16.5	18.63	19.5	100
802.11be-EHT40 MCS0	151	5755	15.82	16.5	15.39	16	18.62	19	100
	159	5795	15.7	16.5	15.57	16.5	18.65	19.5	100
802.11be-EHT80 MCS0	155	5775	15.79	16.5	15.62	16.5	18.72	19.5	100

<2.4GHz WLAN_Ant7_Extremity Standalone>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.49	18.5	100
	6	2437	15.57	16.5	100
	11	2462	13.97	14.5	100
802.11g 6Mbps	1	2412	18.1	19	100
	6	2437	18.27	19	100
	11	2462	18.17	19	100
802.11n-HT20 MCS0	1	2412	17.7	18.5	100
	6	2437	17.74	18.5	100
	11	2462	17.66	18.5	100
802.11n-HT40 MCS0	3	2422	17.98	18.5	100
	6	2437	17.87	18.5	100
	9	2452	17.83	18.5	100
802.11ac-VHT20 MCS0	1	2412	18.15	19	100
	6	2437	18.26	19	100
	11	2462	18.18	19	100
802.11ax-HE40 MCS0	3	2422	17.31	18	100
	6	2437	17.32	18	100
	9	2452	17.27	18	100
802.11be-EHT20 MCS0	1	2412	18.21	19	100
	6	2437	18.34	19	100
	11	2462	18.24	19	100
802.11be-EHT40 MCS0	3	2422	17.35	18	100
	6	2437	17.36	18	100
	9	2452	17.31	18	100

<2.4GHz WLAN_Ant10_Extremity Standalone>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.65	18.5	100
	6	2437	15.64	16.5	100
	11	2462	14.15	15	100
802.11g 6Mbps	1	2412	18.42	19	100
	6	2437	18.31	19	100
	11	2462	18.29	19	100
802.11n-HT20 MCS0	1	2412	17.69	18.5	100
	6	2437	17.53	18.5	100
	11	2462	17.55	18.5	100
802.11n-HT40 MCS0	3	2422	17.83	18.5	100
	6	2437	17.61	18.5	100
	9	2452	17.65	18.5	100
802.11ax-HE20 MCS0	1	2412	18.07	19	100
	6	2437	17.96	19	100
	11	2462	18.01	19	100
802.11ax-HE40 MCS0	3	2422	17.12	18	100
	6	2437	17.04	18	100
	9	2452	17.03	18	100
802.11be-EHT20 MCS0	1	2412	18.12	19	100
	6	2437	18.02	19	100
	11	2462	18.05	19	100
802.11be-EHT40 MCS0	3	2422	17.16	18	100
	6	2437	17.08	18	100
	9	2452	17.05	18	100

<2.4GHz WLAN_Ant 7+10_Extremity Standalone>

			Ant 7+10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412			
	6	2437			
	11	2462			
802.11g 6Mbps	1	2412			
	6	2437			
	11	2462			
802.11n-HT20 MCS0	1	2412	20.71	21.5	100
	6	2437	20.65	21.5	100
	11	2462	20.62	21.5	100
802.11n-HT40 MCS0	3	2422	20.92	21.5	100
	6	2437	20.75	21.5	100
	9	2452	20.75	21.5	100
802.11ax-HE20 MCS0	1	2412	21.12	22	100
	6	2437	21.12	22	100
	11	2462	21.11	22	100
802.11ax-HE40 MCS0	3	2422	20.23	21	100
	6	2437	20.19	21	100
	9	2452	20.16	21	100
802.11be-EHT20 MCS0	1	2412	21.18	22	100
	6	2437	21.19	22	100
	11	2462	21.16	22	100
802.11be-EHT40 MCS0	3	2422	20.27	21	100
	6	2437	20.23	21	100
	9	2452	20.19	21	100

<5.2GHz WLAN_Ant 9+11_Extremity Standalone>

			Ant 9+11(0)		Ant 9+11(1)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.08	19	18.29	19	21.19	22	99.18
	40	5200	18.07	19	18.32	19	21.21	22	99.18
	44	5220	18.3	19	18.32	19	21.32	22	99.18
	48	5240	18.55	19.5	18.35	19	21.46	22	99.18
802.11n-HT20 MCS0	36	5180	18.1	19	18.12	19	21.12	22	100
	40	5200	18.16	19	18.11	19	21.15	22	100
	44	5220	18.33	19	18.11	19	21.23	22	100
	48	5240	18.6	19.5	18.12	19	21.38	22	100
802.11n-HT40 MCS0	38	5190	17.12	18	17.24	18	20.19	21	100
	46	5230	17.49	18	17.41	18	20.46	21	100
802.11ac-VHT20 MCS0	36	5180	18.13	19	18.15	19	21.15	22	100
	40	5200	18.19	19	18.15	19	21.18	22	100
	44	5220	18.38	19	18.14	19	21.27	22	100
	48	5240	18.64	19.5	18.16	19	21.42	22	100
802.11ac-VHT40 MCS0	38	5190	17.16	18	17.29	18	20.24	21	100
	46	5230	17.54	18.5	17.44	18	20.5	21	100
802.11ac-VHT80 MCS0	42	5210	16.3	17	16.43	17	19.38	20	100
802.11ax-HE20 MCS0	36	5180	18.18	19	18.19	19	21.2	22	100
	40	5200	18.22	19	18.2	19	21.22	22	100
	44	5220	18.41	19	18.19	19	21.31	22	100
	48	5240	18.69	19.5	18.2	19	21.46	22	100
802.11ax-HE40 MCS0	38	5190	17.22	18	17.35	18	20.3	21	100
	46	5230	17.58	18.5	17.48	18	20.54	21	100
802.11ax-HE80 MCS0	42	5210	16.36	17	16.47	17	19.43	20	100
802.11be-EHT20 MCS0	36	5180	18.23	19	18.25	19	21.25	22	100
	40	5200	18.28	19	18.24	19	21.27	22	100
	44	5220	18.46	19.5	18.22	19	21.35	22	100
	48	5240	18.72	19.5	18.24	19	21.5	22	100
802.11be-EHT40 MCS0	38	5190	17.25	18	17.41	18	20.34	21	100
	46	5230	17.64	18	17.53	18.5	20.6	21	100
802.11be-EHT80 MCS0	42	5210	16.41	17	16.53	17	19.48	20.5	100

<5.3GHz WLAN_Ant 9+11_Extremity Standalone>

			Ant 9+11(0)		Ant 9+11(1)		Ant 9+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	16.53	17	16.25	17	19.4	20	99.18
	56	5280	16.42	17	16.33	17	19.39	20	99.18
	60	5300	16.54	17	16.33	17	19.45	20	99.18
	64	5320	16.44	17	16.26	17	19.36	20	99.18
802.11n-HT20 MCS0	52	5260	16.65	17	16.13	17	19.41	20	100
	56	5280	16.61	17	16.24	17	19.44	20	100
	60	5300	16.65	17	16.22	17	19.45	20	100
	64	5320	16.37	17	16.45	17	19.42	20	100
802.11n-HT40 MCS0	54	5270	16.48	17.5	16.38	17.5	19.44	20.5	100
	62	5310	16.51	17.5	16.36	17.5	19.45	20.5	100
802.11ac-VHT20 MCS0	52	5260	16.6	17.5	16.2	17.5	19.41	20.5	100
	56	5280	16.61	17.5	16.31	17.5	19.47	20.5	100
	60	5300	16.62	17.5	16.31	17.5	19.48	20.5	100
	64	5320	16.54	17.5	16.45	17.5	19.51	20.5	100
802.11ac-VHT40 MCS0	54	5270	16.63	17.5	16.39	17	19.52	20.5	100
	62	5310	16.65	17.5	16.36	17	19.52	20.5	100
802.11ac-VHT80 MCS0	58	5290	16.55	17.5	16.46	17.5	19.52	20.5	100
802.11ac-VHT160 MCS0	50	5250	16.27	17	16.23	17	19.28	20	100
802.11ax-HE20 MCS0	52	5260	16.67	17.5	16.2	17.5	19.45	20.5	100
	56	5280	16.61	17.5	16.38	17.5	19.51	20.5	100
	60	5300	16.68	17.5	16.33	17.5	19.51	20.5	100
	64	5320	16.44	17.5	16.52	17.5	19.49	20.5	100
802.11ax-HE40 MCS0	54	5270	16.6	17.5	16.36	17.5	19.49	20.5	100
	62	5310	16.62	17.5	16.39	17.5	19.52	20.5	100
802.11ax-HE80 MCS0	58	5290	16.61	17.5	16.52	17.5	19.58	20.5	100
802.11ax-HE160 MCS0	50	5250	16.3	17	16.27	17	19.3	20	100
802.11be-EHT20 MCS0	52	5260	16.8	17.5	16.42	17	19.62	20.5	100
	56	5280	16.69	17.5	16.33	17	19.52	20.5	100
	60	5300	16.71	17.5	16.44	17	19.59	20.5	100
	64	5320	16.67	17.5	16.59	17.5	19.64	20.5	100
802.11be-EHT40 MCS0	54	5270	16.66	17.5	16.55	17	19.62	20.5	100
	62	5310	16.66	17.5	16.4	17	19.54	20.5	100
802.11be-EHT80 MCS0	58	5290	16.64	17.5	16.72	17.5	19.69	20.5	100
802.11be-EHT160 MCS0	50	5250	16.36	17	16.32	17	19.35	20	100

<5.5GHz WLAN_Ant 9+11_Extremity Standalone>

Mode	Channel	Frequency (MHz)	Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	17.17	17.5	16.19	17.5	19.72	20.5	99.18
	116	5580	16.87	17.5	16.51	17.5	19.7	20.5	99.18
	124	5620	16.75	17.5	16.58	17.5	19.68	20.5	99.18
	132	5660	16.8	17.5	16.53	17.5	19.68	20.5	99.18
	144	5720	16.5	17.5	16.42	17.5	19.47	20.5	99.18
802.11n-HT20 MCS0	100	5500	17.16	18	16.11	17	19.68	20.5	100
	116	5580	16.77	17	16.54	17.5	19.67	20.5	100
	124	5620	16.82	17.5	16.73	17.5	19.79	20.5	100
	132	5660	16.72	17.5	16.47	17.5	19.61	20.5	100
	144	5720	16.51	17.5	16.54	17.5	19.54	20.5	100
802.11n-HT40 MCS0	102	5510	17.09	18	16.33	17.5	19.74	20.5	100
	110	5550	16.82	17.5	16.42	17.5	19.63	20.5	100
	126	5630	16.96	17.5	16.74	17.5	19.86	20.5	100
	134	5670	16.79	17.5	16.47	17.5	19.64	20.5	100
	142	5710	16.8	17.5	16.58	17.5	19.7	20.5	100
802.11ac-VHT20 MCS0	100	5500	17.17	18	16.12	17	19.69	20.5	100
	116	5580	16.77	17.5	16.6	17.5	19.7	20.5	100
	124	5620	16.82	17.5	16.74	17.5	19.79	20.5	100
	132	5660	16.76	17.5	16.62	17.5	19.71	20.5	100
	144	5720	16.59	17.5	16.59	17.5	19.6	20.5	100
802.11ac-VHT40 MCS0	102	5510	17.18	18	16.3	17	19.77	20.5	100
	110	5550	16.82	17.5	16.47	17	19.66	20.5	100
	126	5630	16.95	17.5	16.74	17.5	19.86	20.5	100
	134	5670	16.8	17.5	16.48	17.5	19.65	20.5	100
	142	5710	16.83	17.5	16.53	17.5	19.69	20.5	100
802.11ac-VHT80 MCS0	106	5530	16.63	17.5	16.45	17.5	19.55	20.5	100
	122	5610	16.6	17.5	16.61	17.5	19.62	20.5	100
	138	5690	16.45	17.5	16.39	17.5	19.43	20.5	100
802.11ac-VHT160 MCS0	114	5570	15.87	16.5	15.56	16.5	18.73	19.5	100
802.11ax-HE20 MCS0	100	5500	17.14	18	16.33	17	19.76	20.5	100
	116	5580	16.86	17.5	16.65	17.5	19.77	20.5	100
	124	5620	16.92	17.5	16.85	17.5	19.9	20.5	100
	132	5660	16.76	17.5	16.57	17.5	19.68	20.5	100
	144	5720	16.51	17.5	16.62	17.5	19.58	20.5	100
802.11ax-HE40 MCS0	102	5510	17.17	18	16.15	17	19.7	20.5	100
	110	5550	16.9	17.5	16.47	17	19.7	20.5	100
	126	5630	17.07	18	16.86	17.5	19.98	20.5	100
	134	5670	16.97	17.5	16.58	17.5	19.79	20.5	100
	142	5710	16.75	17.5	16.66	17.5	19.72	20.5	100
802.11ax-HE80 MCS0	106	5530	16.69	17.5	16.55	17.5	19.63	20.5	100
	122	5610	16.68	17.5	16.69	17.5	19.7	20.5	100
	138	5690	16.55	17.5	16.45	17	19.51	20.5	100
802.11ax-HE160 MCS0	114	5570	15.9	16.5	15.61	16.5	18.77	19.5	100
802.11be-EHT20 MCS0	100	5500	17.19	18	16.3	17	19.78	20.5	100
	116	5580	16.95	17.5	16.54	17.5	19.76	20.5	100
	124	5620	16.92	17.5	16.84	17.5	19.89	20.5	100
	132	5660	16.86	17.5	16.58	17.5	19.73	20.5	100
	144	5720	16.68	17.5	16.67	17.5	19.69	20.5	100
802.11be-EHT40 MCS0	102	5510	17.17	18	16.48	17	19.85	20.5	100
	110	5550	16.88	17.5	16.47	17.5	19.69	20.5	100
	126	5630	16.86	17.5	16.53	17.5	19.71	20.5	100
	134	5670	16.94	17.5	16.5	17.5	19.74	20.5	100
	142	5710	16.94	17.5	16.7	17.5	19.83	20.5	100
802.11be-EHT80 MCS0	106	5530	16.77	17.5	16.62	17.5	19.71	20.5	100
	122	5610	16.78	17.5	16.75	17.5	19.78	20.5	100
	138	5690	16.62	17.5	16.55	17.5	19.6	20.5	100
802.11be-EHT160 MCS0	114	5570	15.93	16.5	15.65	16.5	18.8	19.5	100

<5.8GHz WLAN_Ant 9+11_Extremity Standalone>

Mode	Channel	Frequency (MHz)	Ant 9+11(9)		Ant 9+11(11)		Ant 9+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.52	20.5	19.24	20	22.39	23	99.18
	157	5785	19.46	20.5	19.38	20	22.43	23	99.18
	165	5825	19.61	20.5	19.49	20	22.56	23	99.18
802.11n-HT20 MCS0	149	5745	18.51	19.5	18.3	19	21.42	22	100
	157	5785	18.52	19.5	18.31	19	21.43	22	100
	165	5825	18.58	19.5	18.45	19	21.53	22	100
802.11n-HT40 MCS0	151	5755	17.62	18.5	17.24	18	20.44	21	100
	159	5795	17.69	18.5	17.41	18	20.56	21	100
802.11ac-VHT20 MCS0	149	5745	18.57	19.5	18.34	19	21.47	22	100
	157	5785	18.58	19.5	18.35	19	21.48	22	100
	165	5825	18.61	19.5	18.51	19.5	21.57	22.5	100
802.11ac-VHT40 MCS0	151	5755	17.65	18.5	17.3	18	20.49	21	100
	159	5795	17.73	18.5	17.45	18	20.6	21	100
802.11ac-VHT80 MCS0	155	5775	16.7	17.5	16.45	17	19.59	20	100
802.11ax-HE20 MCS0	149	5745	18.6	19.5	18.4	19	21.51	22	100
	157	5785	18.61	19.5	18.41	19	21.52	22	100
	165	5825	18.64	19.5	18.57	19.5	21.62	22.5	100
802.11ax-HE40 MCS0	151	5755	17.71	18.5	17.35	18	20.54	21	100
	159	5795	17.76	18.5	17.51	18.5	20.65	21.5	100
802.11ax-HE80 MCS0	155	5775	16.74	17.5	16.49	17	19.63	20	100
802.11be-EHT20 MCS0	149	5745	18.65	19.5	18.44	19	21.56	22	100
	157	5785	18.66	19.5	18.46	19	21.57	22	100
	165	5825	18.68	19.5	18.63	19.5	21.67	22.5	100
802.11be-EHT40 MCS0	151	5755	17.76	18.5	17.41	18	20.6	21	100
	159	5795	17.81	18.5	17.54	18.5	20.69	21.5	100
802.11be-EHT80 MCS0	155	5775	16.78	17.5	16.54	17.5	19.67	20.5	100

<Bluetooth_Ant7_Full Power>

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.21	17	77.02
	39	2441	15.62	17.5	77.02
	78	2480	15.78	17.5	77.02
BR / EDR 2Mbps	0	2402	11.69	13	76.63
	39	2441	11.94	13.5	76.63
	78	2480	12.41	14	76.63
BR / EDR 3Mbps	0	2402	11.59	13	76.63
	39	2441	12.24	14	76.63
	78	2480	12.37	14	76.63
LE 125kbps	0	2402	7.74	9.5	83.01
	19	2440	7.6	9.5	83.01
	39	2480	7.5	9	83.01
LE 500kbps	0	2402	7.97	9.5	56.76
	19	2440	7.92	9.5	56.76
	39	2480	7.97	9.5	56.76
LE 1Mbps	0	2402	7.71	9.5	62.96
	19	2440	7.58	9.5	62.96
	39	2480	7.5	9	62.96
LE 2Mbps	0	2402	8.22	10	33.33
	19	2440	7.86	9.5	33.33
	39	2480	7.83	9.5	33.33

<Bluetooth_Ant10_Full Power>

			Ant10		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.68	17.5	76.75
	39	2441	16.2	17.5	76.75
	78	2480	15.41	17	76.75
BR / EDR 2Mbps	0	2402	12.5	14	76.75
	39	2441	13.23	14.5	76.75
	78	2480	12.29	14	76.75
BR / EDR 3Mbps	0	2402	12.55	14	76.75
	39	2441	13.26	14.5	76.75
	78	2480	12.23	14	76.75
LE 125kbps	0	2402	6.88	8.5	83.01
	19	2440	6.92	8.5	83.01
	39	2480	7.15	9	83.01
LE 500kbps	0	2402	7.08	9	56.76
	19	2440	7.11	9	56.76
	39	2480	7.2	9	56.76
LE 1Mbps	0	2402	6.89	8.5	62.5
	19	2440	6.86	8.5	62.5
	39	2480	7.17	9	62.5
LE 2Mbps	0	2402	7.15	9	32.87
	19	2440	7.15	9	32.87
	39	2480	7.35	9	32.87

Bluetooth Beamforming

Bluetooth ANT10

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.19	7.28	7.45
	CH 39	2441	9.33	7.64	7.65
	CH 78	2480	9.44	7.99	8.10
Tune-up Limit			10.50	9.00	9.00

Bluetooth ANT7

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.19	7.18	7.22
	CH 39	2441	10.31	8.80	8.84
	CH 78	2480	10.33	9.23	9.28
Tune-up Limit			11.50	10.50	10.50

Bluetooth ANT10+7

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.73	10.24	10.34
	CH 39	2441	12.86	11.26	11.29
	CH 78	2480	12.92	11.66	11.74
Tune-up Limit			14.50	13.00	13.00

indoor Client					Ant 11 For Default / Full Power		Ant 9 For Default / Full Power		Ant 11+9 For Default / Full Power		Ant 11 For Head Standalone		Ant 9 For Head Standalone		Ant 11+9 For Head Standalone		Ant 11 For Extremity Standalone For Body-worn Standalone		Ant 9 For Extremity Standalone For Body-worn Standalone		Ant 11+9 For Extremity Standalone For Body-worn Standalone		Duty Cycle %
	Band	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WLAN6GHz	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	6.15	7.00	7.28	8.00	9.76	10.50		7.00		8.00		10.50		7.00		8.00		10.50	99.32
			45	6175	6.09	7.00	6.31	7.00	9.20	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
			93	6415	5.89	6.50	6.92	7.50	9.45	10.00		6.50		7.50		10.00		6.50		7.50		10.00	
		802.11ax-HE20 MCS0	1	5955	7.26	8.00	7.57	8.50	10.43	11.50		8.00		8.50		11.50		8.00		8.50		11.50	100
			45	6175	6.62	7.50	7.02	7.50	9.80	11.00		7.50		7.50		11.00		7.50		7.50		11.00	
			93	6415	7.99	8.50	6.65	7.50	10.38	11.00		8.50		7.50		11.00		8.50		7.50		11.00	
		802.11ax-HE40 MCS0	3	5965	9.68	10.50	9.81	10.50	12.76	13.50		10.50		10.50		13.50		10.50		10.50		13.50	100
			43	6165	9.26	10.00	9.56	10.00	12.40	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
			91	6405	10.12	11.00	9.80	10.50	12.97	14.00		11.00		10.50		14.00		11.00		10.50		14.00	
		802.11ax-HE80 MCS0	7	5985	12.76	13.50	13.06	14.00	15.92	17.00		13.50		14.00		17.00		13.00		13.00		16.00	100
			39	6145	11.95	12.50	12.32	13.00	15.10	16.00		12.50		13.00		16.00		12.50		13.00		16.00	
			87	6385	13.31	14.00	12.71	13.50	16.03	17.00	Not Required	14.00	Not Required	13.50	Not Required	17.00	Not Required	13.00	Not Required	13.00	Not Required	16.00	
		802.11ax-HE160 MCS0	15	6025	14.85	15.50	15.13	16.00	18.00	19.00		14.50		15.00		18.00		13.00		13.00		16.00	100
			47	6185	14.94	15.50	15.24	16.00	18.10	19.00		14.50		15.00		18.00		13.00		13.00		16.00	
		802.11be-EHT20 MCS0	1	5955	7.36	8.00	7.65	8.50	10.52	11.50		8.00		8.50		11.50		8.00		8.50		11.50	100
			45	6175	6.68	7.50	7.21	8.00	10.00	11.00		7.50		8.00		11.00		7.50		8.00		11.00	
			93	6415	8.05	9.00	6.75	7.50	10.46	11.50		9.00		7.50		11.50		9.00		7.50		11.50	
		802.11be-EHT40 MCS0	3	5965	9.75	10.50	9.89	10.50	12.83	13.50		10.50		10.50		13.50		10.50		10.50		13.50	100
			43	6165	8.41	9.00	8.73	9.50	11.60	12.50		9.00		9.50		12.50		9.00		9.50		12.50	
			91	6405	10.22	11.00	9.89	10.50	13.07	14.00		11.00		10.50		14.00		11.00		10.50		16.00	
		802.11be-EHT80 MCS0	7	5985	12.85	13.50	13.15	14.00	16.01	17.00		13.50		14.00		17.00		13.00		13.00		16.00	100
			39	6145	7.26	8.00	7.53	8.50	10.40	11.30		8.00		8.50		11.30		8.00		8.50		11.30	
			87	6385	13.39	14.00	12.77	13.50	16.10	17.00		14.00		13.50		17.00		13.00		13.00		16.00	
		802.11be-EHT160 MCS0	15	6025	14.93	16.00	15.21	16.00	18.08	19.00	14.26	15.00	14.23	15.00	17.26	18.00		13.00		13.00		16.00	100
			47	6185	15.01	16.00	15.32	16.00	18.18	19.00	14.81	15.50	14.83	15.50	17.84	18.50		13.00		13.00		16.00	
		802.11be-EHT320 MCS0	31	6105	13.12	14.00	13.19	14.00	16.17	17.00		14.00		14.00		17.00	11.75	12.50	11.81	12.50	14.78	15.50	100
			95	6425	13.37	14.50	12.60	13.50	16.00	17.00		14.50		13.50		17.00	13.37	14.50	12.60	13.50	16.00	17.00	
	UNII 6 (6.425-6.525GHz)	802.11a 6Mbps	97	6435	8.83	9.50	8.44	9.00	11.65	12.50		9.50		9.00		12.50		9.50		9.00		12.50	99.32
			105	6475	9.26	10.00	8.81	9.50	12.05	13.00		10.00		9.50		13.00		10.00		9.50		13.00	
			113	6515	8.95	9.50	8.22	9.00	11.61	12.50		9.50		9.00		12.50		9.50		9.00		12.50	
		802.11ax-HE20 MCS0	97	6435	9.79	10.50	9.31	10.00	12.57	13.50		10.50		10.00		13.50		10.50		10.00		13.50	100
			105	6475	9.72	10.50	9.26	10.00	12.51	13.50		10.50		10.00		13.50		10.50		10.00		13.50	
			113	6515	9.93	10.50	9.16	10.00	12.57	13.50		10.50		10.00		13.50		10.50		10.00		13.50	
		802.11ax-HE40 MCS0	99	6445	12.76	13.50	12.58	13.50	15.68	16.50		13.50		13.50		16.50		13.50		13.50		17.00	100
			115	6525	11.81	12.50	10.82	11.50	14.35	15.00		12.50		11.50		15.00		12.50		11.50		15.00	
		802.11ax-HE80 MCS0	103	6465	15.53	16.50	15.12	16.00	18.34	19.50	Not Required	16.50	Not Required	16.00	Not Required	19.50	Not Required	14.00	Not Required	13.50	Not Required	17.00	100
			119	6545	14.75	15.50	14.31	15.00	17.55	18.50		15.50		15.00		18.50		14.00		13.50		17.00	
		802.11ax-HE160 MCS0	111	6505	16.09	17.00	15.31	16.00	18.73	19.50		17.00		16.00		19.50		14.00		13.50		17.00	100
		802.11be-EHT20 MCS0	97	6435	9.87	10.50	9.37	10.00	12.64	13.50		10.50		10.00		13.50		10.50		10.00		13.50	100
			105	6475	9.82	10.50	9.32	10.00	12.59	13.50		10.50		10.00		13.50		10.50		10.00		13.50	
			113	6515	10.01	11.00	9.22	10.00	12.64	13.50		11.00		10.00		13.50		11.00		10.00		13.50	
		802.11be-EHT40 MCS0	99	6445	12.82	13.50	12.66	13.50	15.75	16.50		13.50		13.50		16.50		13.50		13.50		17.00	100
			115	6525	11.88	12.50	10.92	11.50	14.44	15.00		12.50		11.50		15.00		12.50		11.50		15.00	
		802.11be-EHT80 MCS0	103	6465	15.61	16.50	15.21	16.00	18.42	19.50		16.50		16.00		19.50		14.00		13.50		17.00	100
			119	6545	14.81	15.50	14.39	15.00	17.62	18.50		15.50		15.00		18.50		14.00		13.50		17.00	
		802.11be-EHT160 MCS0	111	6505	16.09	17.00	15.31	16.00	18.73	19.50	16.09	17.00	15.31	16.00	18.73	19.50		14.00		13.50		17.00	100
		802.11be-EHT320 MCS0	127	6585	13.21	14.00	12.51	13.50	15.88	17.00		14.00		13.50		17.00	13.21	14.00	12.51	13.50	15.88	17.00	100
	UNII 7 (6.525-6.885GHz)	802.11a 6Mbps	117	6535	8.68	9.50	7.95	8.50	11.34	12.00		9.50		8.50		12.00		9.50		8.50		12.00	99.32
			149	6695	8.72	9.50	7.84	8.50	11.31	12.00		9.50		8.50		12.00		9.50		8.50		12.00	
			181	6855	8.24	9.00	7.70	8.50	10.99	12.00		9.00		8.50		12.00		9.00		8.50		12.00	
		802.11ax-HE20 MCS0	117	6535	9.65	10.50	9.08	10.00	12.38	13.50		10.50		10.00		13.50		10.50		10.00		13.50	100
			149	6695	9.72	10.50	8.97	9.50	12.37	13.00		10.50		9.50		13.00		10.50		9.50		13.00	
			181	6855	9.14	10.00	8.65	9.50	11.91	13.00		10.00		9.50		13.00		10.00		9.50		13.00	
		802.11ax-HE40 MCS0	123	6565	11.86	12.50	11.64	12.50	14.76	15.50		12.50		12.50		15.50		12.50		12.50		15.50	100
			147	6685	12.29	13.00	10.98	11.50	14.69	15.50		13.00		11.50		15.50		13.00		11.50		15.50	
			179	6845	11.68	12.50	10.72	11.50	14.24	15.00		12.50		11.50		15.00		12.50		11.50		15.00	
		802.11ax-HE80 MCS0	135	6625	14.87	15.50	14.21	15.00	17.56	18.50		15.50		15.00		18.50		14.00		13.50		17.00	100
			151	6705	14.81	15.50	14.25	15.00	17.55	18.50	Not Required	15.50	Not Required	15.00	Not Required	18.50	Not Required	14.00	Not Required	13.50	Not Required	17.00	
			167	6785	14.76	15.50	14.49	15.00	17.64	18.50		15.50		15.00		18.50		14.00		13.50		17.00	
		802.11ax-HE160 MCS0	143	6665	16.25	17.00	15.58	16.50	18.94	20.00		17.00		16.50		20.00		14.00		13.50		17.00	100
		802.11be-EHT20 MCS0	117	6535	9.72	10.50	9.14	10.00	12.45	13.50		10.50		10.00		13.50		10.50		10.00		13.50	100
			149	6695	9.82	10.50	9.05	10.00	12.46	13.50		10.50		10.00		13.50		10.50		13.50		13.50	
			181	6855	9.22	10.00	8.74	9.50	12.00	13.00		10.00		9.50		13.00		10.00		9.50		13.00	
		802.11be-EHT40 MCS0	123	6565	11.92	12.50	11.72	12.50	14.83	15.50		12.50		12.50		15.50		12.50		12.50		15.50	100
			147	6685	12.38	13.00	11.08	12.00	14.79	15.50		13.00		12.00		15.50		13.00		12.00		15.50	
			179	6845	11.75	12.50	10.78	11.50	14.30	15.00		12.50		11.50		15.00		12.50		11.50		15.00	
		802.11be-EHT80 MCS0	135	6625	14.93	15.50	14.28	15.00	17.63	18.50		15.50		15.00		18.50		14.00		13.50		17.00	100
			151	6705	14.90	15.50	14.34	15.00	17.64	18.50		15.50		15.00		18.50		14.00		13.50		17.00	
			167	6785	14.85	15.50	14.58	15.50	17.73	18.50		15.50		15.50		18.50		14.00		13.50		17.00	
		802.11be-EHT160 MCS0	143	6665	16.25	17.00	15.58	16.50	18.94	20.00	16.29	17.00	15.61	16.50	18.99	20.00		14.00		13.50		17.00	100
		802.11be-EHT320 MCS0	159	6745	13.42	14.00	12.62	13.50	16.05	17.00		14.00		13.50		17.00	13.42	14.00	12.62	13.50	16.05	17.00	100
	UNII 8 (6.885-7.125GHz)	802.11a 6Mbps	189	6895	9.87	10.50	9.26	10.00	12.59	13.50		10.50		10.00		13.50		10.50		10.00		13.50	99.32
			209	6995	9.54	10.50	9.42	10.00	12.49	13.50		10.50		10.00		13.50		10.50		10.00		13.50	
			229	7095	10.84	11.50	10.77	11.50	13.82	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
		802.11ax-HE20 MCS0	189	6895	10.37	11.00	9.73	10.50	13.07	14.00		11.00		10.50		14.00		11.00		10.50		14.00	100
			209	6995	10.08	11.00	9.91	10.50	13.01	14.00		11.00		10.50		14.00		11.00		10.50		14.00	
			229	7095	11.38	12.00	11.12	12.00	14.26	15.00		12.00		12.00		15.00		12.00		12.00		15.00	
		802.11ax-HE40 MCS0	187	6885	13.68	14.50	13.05	14.00	16.39	17.00		14.50		14.00		17.00		14.00		13.50		17.00	100
			203	6965	13.29	14.00	13.36	14.00	16.34	17.00		14.00		14.00		17.00		14.00		13.50		17.00	
			227	7085	13.82	14.50	13.15	14.00	16.51	17.50		14.50		14.00		17.50		14.00		14.00		17.00	
		802.11ax-HE80 MCS0	199	6945	15.74	16.50	15.70	16.50	18.73	19.50	Not Required	16.50	Not Required	16.50	Not Required	19.50	Not Required	14.00	Not Required	13.50	Not Required	17.00	100
			215	7025	16.42	17.00	16.28	17.00	19.36	20.00		16.50		16.50		20.00		14.00		13.50		17.00	
		802.11ax-HE160 MCS0	207	6985	15.81	16.50	16.01	17.00	18.92	20.00		16.50		17.00		20.00		14.00		13.50		17.00	100
		802.11be-EHT20 MCS0	189	6895	10.47	11.00	9.82	10.50	13.17	14.00		11.00		10.50		14.00		11.00		10.50		14.00	100
			209	6995	10.18	11.00	9.97	10.50	13.09	14.00		11.00		10.50		14.00		11.00		10.50		14.00	
			229	7095	11.47	12.00	11.21	12.00	14.35	15.00		12.00		12.00		15.00		12.00		12.00		15.00	
		802.11be-EHT40 MCS0	187	6885	13.74	14.50	13.13	14.00	16.46	17.00		14.50		14.00		17.00		14.00		13.50		17.00	100
			203	6965	13.38	14.00	13.43	14.00	16.42	17.00		14.00		14.00		17.00		14.00		13.50		17.00	
			227	7085	13.92	14.50	13.25	14.00	16.61	17.50		14.50		14.00		17.50		14.00		13.50		17.00	
		802.11be-EHT80 MCS0	199	6945	15.81	16.50	15.78	16.50	18.81	19.50		16.50		16.50		19.50		14.00		13.50		17.00	100
			215	7025	16.52	17.50	16.36	17.00	19.45	20.50		17.50		17.00		20.00		14.00		13.50		17.00	
		802.11be-EHT160 MCS0	207	6985	15.81	16.50	16.01	17.00	18.92	20.00	15.81	16.50	16.01	17.00	18.92	20.00		14.00		13.50		17.00	100
		802.11be-EHT320 MCS0	191	6905	13.34	14.00	12.82	13.50	16.10	17.00		14.00		13.50		17.00	13.34	14.00	12.82	13.50	16.10	17.00	100