Appendix D. Output Power Measurement

<GSM850_Ant 0_TX0_Index 2/3/4/5/6/7/8>

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.60	32.56	32.56	33.50	23.60	23.56	23.56	24.50
GPRS 1 Tx slot	32.60	32.56	32.54	33.50	23.60	23.56	23.54	24.50
GPRS 2 Tx slots	31.50	31.54	31.46	32.50	25.50	25.54	25.46	26.50
GPRS 3 Tx slots	30.47	30.53	30.46	31.00	26.21	26.27	26.20	26.74
GPRS 4 Tx slots	29.29	29.14	29.24	30.00	26.29	26.14	26.24	27.00
EDGE 1 Tx slot	26.82	27.08	27.00	28.00	17.82	18.08	18.00	19.00
EDGE 2 Tx slots	26.47	26.50	26.32	27.50	20.47	20.50	20.32	21.50
EDGE 3 Tx slots	26.32	26.24	26.39	27.00	22.06	21.98	22.13	22.74
EDGE 4 Tx slots	24.17	24.19	24.24	25.00	21.17	21.19	21.24	22.00

<GSM850_Ant 0_TX0_Index 9>

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.60	32.56	32.56	33.50	23.60	23.56	23.56	24.50
GPRS 1 Tx slot	32.60	32.56	32.54	33.50	23.60	23.56	23.54	24.50
GPRS 2 Tx slots	31.50	31.54	31.46	32.20	25.50	25.54	25.46	26.20
GPRS 3 Tx slots	29.70	29.76	29.73	30.20	25.44	25.50	25.47	25.94
GPRS 4 Tx slots	28.64	28.55	28.63	29.20	25.64	25.55	25.63	26.20
EDGE 1 Tx slot	26.82	27.08	27.00	28.00	17.82	18.08	18.00	19.00
EDGE 2 Tx slots	26.47	26.50	26.32	27.50	20.47	20.50	20.32	21.50
EDGE 3 Tx slots	26.32	26.24	26.39	27.00	22.06	21.98	22.13	22.74
EDGE 4 Tx slots	24.17	24.19	24.24	25.00	21.17	21.19	21.24	22.00

<GSM850_Ant 0_TX0_Index 10>

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.60	32.56	32.56	33.50	23.60	23.56	23.56	24.50
GPRS 1 Tx slot	32.60	32.56	32.54	33.50	23.60	23.56	23.54	24.50
GPRS 2 Tx slots	31.50	31.54	31.46	32.50	25.50	25.54	25.46	26.50
GPRS 3 Tx slots	29.70	29.76	29.73	31.00	25.44	25.50	25.47	26.74
GPRS 4 Tx slots	28.64	28.55	28.63	30.00	25.64	25.55	25.63	27.00
EDGE 1 Tx slot	26.82	27.08	27.00	28.00	17.82	18.08	18.00	19.00
EDGE 2 Tx slots	26.47	26.50	26.32	27.50	20.47	20.50	20.32	21.50
EDGE 3 Tx slots	26.32	26.24	26.39	27.00	22.06	21.98	22.13	22.74
EDGE 4 Tx slots	24.17	24.19	24.24	25.00	21.17	21.19	21.24	22.00

<GSM850_Ant 0_TX0_Index 11>

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.60	32.56	32.56	33.50	23.60	23.56	23.56	24.50
GPRS 1 Tx slot	32.60	32.56	32.54	33.50	23.60	23.56	23.54	24.50
GPRS 2 Tx slots	31.50	31.54	31.46	32.20	25.50	25.54	25.46	26.20
GPRS 3 Tx slots	29.70	29.76	29.73	30.20	25.44	25.50	25.47	25.94
GPRS 4 Tx slots	28.64	28.55	28.63	29.20	25.64	25.55	25.63	26.20
EDGE 1 Tx slot	26.82	27.08	27.00	28.00	17.82	18.08	18.00	19.00
EDGE 2 Tx slots	26.47	26.50	26.32	27.50	20.47	20.50	20.32	21.50
EDGE 3 Tx slots	26.32	26.24	26.39	27.00	22.06	21.98	22.13	22.74
EDGE 4 Tx slots	24.17	24.19	24.24	25.00	21.17	21.19	21.24	22.00

<GSM850 Ant 1_TX1_Index2/3/4/5/6/9/10/11>

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.77	32.82	32.81	33.50	23.77	23.82	23.81	24.50
GPRS 1 Tx slot	32.77	32.83	32.82	33.50	23.77	23.83	23.82	24.50
GPRS 2 Tx slots	31.17	32.15	31.19	32.50	25.17	26.15	25.19	26.50
GPRS 3 Tx slots	29.90	29.97	29.94	31.00	25.64	25.71	25.68	26.74
GPRS 4 Tx slots	28.62	28.74	28.58	30.00	25.62	25.74	25.58	27.00
EDGE 1 Tx slot	26.36	26.48	26.38	28.00	17.36	17.48	17.38	19.00
EDGE 2 Tx slots	25.78	25.76	25.93	27.50	19.78	19.76	19.93	21.50
EDGE 3 Tx slots	25.60	25.62	25.81	27.00	21.34	21.36	21.55	22.74
EDGE 4 Tx slots	23.62	23.72	23.55	25.00	20.62	20.72	20.55	22.00

<GSM850 Ant 1_TX1_Index7>

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.77	32.82	32.81	33.50	23.77	23.82	23.81	24.50
GPRS 1 Tx slot	32.77	32.83	32.82	33.50	23.77	23.83	23.82	24.50
GPRS 2 Tx slots	29.52	29.91	29.55	31.30	23.52	23.91	23.55	25.30
GPRS 3 Tx slots	28.15	28.07	28.08	29.30	23.89	23.81	23.82	25.04
GPRS 4 Tx slots	26.72	26.87	26.77	28.30	23.72	23.87	23.77	25.30
EDGE 1 Tx slot	26.36	26.48	26.38	28.00	17.36	17.48	17.38	19.00
EDGE 2 Tx slots	25.78	25.76	25.93	27.50	19.78	19.76	19.93	21.50
EDGE 3 Tx slots	25.60	25.62	25.81	27.00	21.34	21.36	21.55	22.74
EDGE 4 Tx slots	23.62	23.72	23.55	25.00	20.62	20.72	20.55	22.00

<GSM850 Ant 1_TX1_Index8>

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	32.77	32.82	32.81	33.50	23.77	23.82	23.81	24.50
GPRS 1 Tx slot	32.77	32.83	32.82	33.50	23.77	23.83	23.82	24.50
GPRS 2 Tx slots	29.52	29.91	29.55	30.50	23.52	23.91	23.55	24.50
GPRS 3 Tx slots	28.15	28.07	28.08	28.50	23.89	23.81	23.82	24.24
GPRS 4 Tx slots	26.72	26.87	26.77	27.50	23.72	23.87	23.77	24.50
EDGE 1 Tx slot	26.36	26.48	26.38	28.00	17.36	17.48	17.38	19.00
EDGE 2 Tx slots	25.78	25.76	25.93	27.50	19.78	19.76	19.93	21.50
EDGE 3 Tx slots	25.60	25.62	25.81	27.00	21.34	21.36	21.55	22.74
EDGE 4 Tx slots	23.62	23.72	23.55	25.00	20.62	20.72	20.55	22.00

<GSM1900_Ant 2_TX0_Index 2/3>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	31.00	21.03	20.87	21.22	22.00
GPRS 1 Tx slot	29.81	29.65	30.03	31.00	20.81	20.65	21.03	22.00
GPRS 2 Tx slots	28.48	28.01	27.80	29.50	22.48	22.01	21.80	23.50
GPRS 3 Tx slots	27.88	27.56	27.52	28.50	23.62	23.30	23.26	24.24
GPRS 4 Tx slots	27.08	26.85	26.46	27.50	24.08	23.85	23.46	24.50
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM1900 Ant 2 Ant 0_TX0_Index 4>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	27.49	27.31	27.81	28.50	18.49	18.31	18.81	19.50
GPRS 1 Tx slot	27.32	27.23	27.58	28.50	18.32	18.23	18.58	19.50
GPRS 2 Tx slots	24.89	24.61	24.39	25.50	18.89	18.61	18.39	19.50
GPRS 3 Tx slots	22.99	22.78	22.79	23.50	18.73	18.52	18.53	19.24
GPRS 4 Tx slots	22.31	22.19	22.06	22.50	19.31	19.19	19.06	19.50
EDGE 1 Tx slot	24.48	24.46	24.65	26.00	15.48	15.46	15.65	17.00
EDGE 2 Tx slots	23.17	23.26	23.40	25.00	17.17	17.26	17.40	19.00
EDGE 3 Tx slots	23.08	23.31	23.44	23.50	18.82	19.05	19.18	19.24
EDGE 4 Tx slots	22.32	22.13	22.25	22.50	19.32	19.13	19.25	19.50

<GSM1900 Ant 2_TX0_Index 5>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	31.00	21.03	20.87	21.22	22.00
GPRS 1 Tx slot	29.81	29.65	30.03	31.00	20.81	20.65	21.03	22.00
GPRS 2 Tx slots	28.48	28.01	27.80	29.50	22.48	22.01	21.80	23.50
GPRS 3 Tx slots	27.88	27.56	27.52	28.50	23.62	23.30	23.26	24.24
GPRS 4 Tx slots	27.08	26.85	26.46	27.50	24.08	23.85	23.46	24.50
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM 1900_Ant 2_TX0_Index 6>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	30.70	21.03	20.87	21.22	21.70
GPRS 1 Tx slot	29.81	29.65	30.03	30.70	20.81	20.65	21.03	21.70
GPRS 2 Tx slots	28.48	28.01	27.80	29.20	22.48	22.01	21.80	23.20
GPRS 3 Tx slots	27.88	27.56	27.52	28.20	23.62	23.30	23.26	23.94
GPRS 4 Tx slots	27.08	26.85	26.46	27.20	24.08	23.85	23.46	24.20
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM1900 Ant 2_TX0_Index 7/8>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	31.00	21.03	20.87	21.22	22.00
GPRS 1 Tx slot	29.81	29.65	30.03	31.00	20.81	20.65	21.03	22.00
GPRS 2 Tx slots	28.48	28.01	27.80	29.50	22.48	22.01	21.80	23.50
GPRS 3 Tx slots	27.88	27.56	27.52	28.50	23.62	23.30	23.26	24.24
GPRS 4 Tx slots	27.08	26.85	26.46	27.50	24.08	23.85	23.46	24.50
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM1900 Ant 2_TX0_Index 9>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	28.17	28.06	28.25	28.90	19.17	19.06	19.25	19.90
GPRS 1 Tx slot	28.00	27.83	28.06	28.90	19.00	18.83	19.06	19.90
GPRS 2 Tx slots	24.98	24.82	24.81	25.90	18.98	18.82	18.81	19.90
GPRS 3 Tx slots	23.42	23.20	23.27	23.90	19.16	18.94	19.01	19.64
GPRS 4 Tx slots	22.73	22.54	22.35	22.90	19.73	19.54	19.35	19.90
EDGE 1 Tx slot	24.98	25.14	26.00	26.00	15.98	16.14	17.00	17.00
EDGE 2 Tx slots	23.78	23.93	25.00	25.00	17.78	17.93	19.00	19.00
EDGE 3 Tx slots	23.11	23.34	23.43	23.90	18.85	19.08	19.17	19.64
EDGE 4 Tx slots	22.33	22.14	22.26	22.90	19.33	19.14	19.26	19.90

<GSM1900 Ant 2_TX0_Index 10>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	31.00	21.03	20.87	21.22	22.00
GPRS 1 Tx slot	29.81	29.65	30.03	31.00	20.81	20.65	21.03	22.00
GPRS 2 Tx slots	26.97	26.48	26.24	28.10	20.97	20.48	20.24	22.10
GPRS 3 Tx slots	24.82	24.60	24.67	26.10	20.56	20.34	20.41	21.84
GPRS 4 Tx slots	24.13	23.94	23.75	25.10	21.13	20.94	20.75	22.10
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM1900 Ant 2_TX0_Index 11>

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.03	29.87	30.22	30.30	21.03	20.87	21.22	21.30
GPRS 1 Tx slot	29.81	29.65	30.03	30.30	20.81	20.65	21.03	21.30
GPRS 2 Tx slots	26.97	26.48	26.24	27.30	20.97	20.48	20.24	21.30
GPRS 3 Tx slots	24.82	24.60	24.67	25.30	20.56	20.34	20.41	21.04
GPRS 4 Tx slots	24.13	23.94	23.75	24.30	21.13	20.94	20.75	21.30
EDGE 1 Tx slot	25.01	24.98	25.14	26.00	16.01	15.98	16.14	17.00
EDGE 2 Tx slots	23.67	23.78	23.93	25.00	17.67	17.78	17.93	19.00
EDGE 3 Tx slots	23.61	23.84	23.93	24.50	19.35	19.58	19.67	20.24
EDGE 4 Tx slots	22.83	22.64	22.76	23.50	19.83	19.64	19.76	20.50

<GSM1900 Ant 0_TX1_Index 2/3/4/5/6/7/8>

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.15	29.88	30.26	31.00	21.15	20.88	21.26	22.00
GPRS 1 Tx slot	29.94	29.78	30.15	31.00	20.94	20.78	21.15	22.00
GPRS 2 Tx slots	28.12	27.97	27.80	29.50	22.12	21.97	21.80	23.50
GPRS 3 Tx slots	27.68	27.50	27.49	28.50	23.42	23.24	23.23	24.24
GPRS 4 Tx slots	26.73	26.59	26.43	27.50	23.73	23.59	23.43	24.50
EDGE 1 Tx slot	24.73	24.84	24.95	26.00	15.73	15.84	15.95	17.00
EDGE 2 Tx slots	23.58	23.62	23.86	25.00	17.58	17.62	17.86	19.00
EDGE 3 Tx slots	23.38	23.63	23.78	24.50	19.12	19.37	19.52	20.24
EDGE 4 Tx slots	22.33	22.44	22.38	23.50	19.33	19.44	19.38	20.50

<GSM1900 Ant 0_TX1_Index 9>

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.15	29.88	30.26	31.00	21.15	20.88	21.26	22.00
GPRS 1 Tx slot	29.94	29.78	30.15	31.00	20.94	20.78	21.15	22.00
GPRS 2 Tx slots	28.12	27.97	27.80	29.50	22.12	21.97	21.80	23.50
GPRS 3 Tx slots	26.70	26.51	26.49	27.50	22.44	22.25	22.23	23.24
GPRS 4 Tx slots	25.65	25.61	25.45	26.50	22.65	22.61	22.45	23.50
EDGE 1 Tx slot	24.73	24.84	24.95	26.00	15.73	15.84	15.95	17.00
EDGE 2 Tx slots	23.58	23.62	23.86	25.00	17.58	17.62	17.86	19.00
EDGE 3 Tx slots	23.38	23.63	23.78	24.50	19.12	19.37	19.52	20.24
EDGE 4 Tx slots	22.33	22.44	22.38	23.50	19.33	19.44	19.38	20.50

<GSM1900 Ant 0_TX1_Index 10>

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.15	29.88	30.26	31.00	21.15	20.88	21.26	22.00
GPRS 1 Tx slot	29.94	29.78	30.15	31.00	20.94	20.78	21.15	22.00
GPRS 2 Tx slots	28.12	27.97	27.80	29.50	22.12	21.97	21.80	23.50
GPRS 3 Tx slots	26.70	26.51	26.49	28.30	22.44	22.25	22.23	24.04
GPRS 4 Tx slots	25.65	25.61	25.45	27.30	22.65	22.61	22.45	24.30
EDGE 1 Tx slot	24.73	24.84	24.95	26.00	15.73	15.84	15.95	17.00
EDGE 2 Tx slots	23.58	23.62	23.86	25.00	17.58	17.62	17.86	19.00
EDGE 3 Tx slots	23.38	23.63	23.78	24.50	19.12	19.37	19.52	20.24
EDGE 4 Tx slots	22.33	22.44	22.38	23.50	19.33	19.44	19.38	20.50

<GSM1900 Ant 0_TX1_Index 11>

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average 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	30.15	29.88	30.26	31.00	21.15	20.88	21.26	22.00
GPRS 1 Tx slot	29.94	29.78	30.15	31.00	20.94	20.78	21.15	22.00
GPRS 2 Tx slots	28.12	27.97	27.80	29.50	22.12	21.97	21.80	23.50
GPRS 3 Tx slots	26.70	26.51	26.49	27.50	22.44	22.25	22.23	23.24
GPRS 4 Tx slots	25.65	25.61	25.45	26.50	22.65	22.61	22.45	23.50
EDGE 1 Tx slot	24.73	24.84	24.95	26.00	15.73	15.84	15.95	17.00
EDGE 2 Tx slots	23.58	23.62	23.86	25.00	17.58	17.62	17.86	19.00
EDGE 3 Tx slots	23.38	23.63	23.78	24.50	19.12	19.37	19.52	20.24
EDGE 4 Tx slots	22.33	22.44	22.38	23.50	19.33	19.44	19.38	20.50

<WCDMA Power_TX0_Index 2/3>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.59	24.27	24.31	25.20	24.58	24.62	24.59	25.70	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	24.61	24.29	24.37	25.20	24.61	24.67	24.61	25.70	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	23.70	23.90	23.77	24.20	24.26	24.36	24.30	24.70	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	23.76	23.89	23.79	24.20	24.08	24.18	24.05	24.70	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.54	23.69	23.61	23.70	23.63	23.69	23.58	24.20	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	23.02	23.23	23.11	23.70	23.66	23.65	23.62	24.20	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.80	23.76	24.20	24.22	24.31	24.22	24.70	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.85	23.73	24.20	24.00	24.12	23.95	24.70	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.68	23.59	23.70	23.57	23.61	23.55	24.20	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.97	23.21	23.10	23.70	23.66	23.59	23.61	24.20	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	22.89	22.99	22.89	24.20	23.56	23.54	23.31	24.70	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	21.11	21.25	21.10	22.20	21.30	21.36	21.32	22.70	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	22.89	23.03	22.91	23.20	23.59	23.59	23.56	23.70	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	21.66	21.76	21.65	22.20	21.60	21.63	20.95	22.70	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	24.00	24.00	23.90	24.20	24.60	24.60	24.60	24.70	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.55	23.40	23.56	24.20	24.11	24.25	24.21	24.70	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 4>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.12	18.21	18.22	18.60	19.32	19.20	19.14	19.80	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	18.14	18.23	18.26	18.60	19.33	19.22	19.17	19.80	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	16.94	17.14	17.06	17.60	18.32	18.19	18.14	18.80	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	17.25	17.09	17.20	17.60	18.36	18.17	18.15	18.80	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	16.79	16.78	16.70	17.10	17.71	17.57	17.64	18.30	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	16.61	16.77	16.63	17.10	18.03	17.80	17.65	18.30	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.18	17.34	17.42	17.60	18.28	18.09	18.37	18.80	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.00	17.19	17.10	17.60	18.46	18.21	18.32	18.80	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.66	16.67	16.86	17.10	17.64	17.83	17.80	18.30	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.71	16.81	16.60	17.10	17.80	17.79	17.67	18.30	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	17.29	17.19	17.41	17.60	18.14	18.24	18.00	18.80	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	15.06	15.20	15.06	15.60	16.51	16.31	16.35	16.80	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	16.11	16.09	16.12	16.60	17.38	17.06	17.19	17.80	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	15.08	15.26	15.32	15.60	16.29	16.35	16.18	16.80	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	17.18	17.39	17.39	17.60	18.53	18.29	17.97	18.80	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.74	16.66	16.92	17.60	17.95	17.78	17.86	18.80	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 5>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.45	21.69	21.65	22.60	21.41	21.43	21.10	22.30	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	21.49	21.73	21.67	22.60	21.43	21.45	21.12	22.30	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	20.30	20.75	20.57	21.60	20.49	20.42	20.10	21.30	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	20.35	20.71	20.77	21.60	20.23	20.46	20.11	21.30	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.22	20.26	21.10	19.76	19.93	19.48	20.80	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	20.07	20.10	20.20	21.10	19.95	19.77	19.44	20.80	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.69	20.73	20.71	21.60	20.34	20.41	20.16	21.30	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.47	20.72	20.75	21.60	20.45	20.47	20.16	21.30	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.81	20.26	20.02	21.10	19.95	19.80	19.42	20.80	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.81	20.15	20.09	21.10	19.81	19.85	19.48	20.80	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	20.61	20.78	20.47	21.60	20.44	20.42	20.13	21.30	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	18.57	18.58	18.55	19.60	18.50	18.45	18.30	19.30	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	19.48	19.73	19.54	20.60	19.42	19.45	19.03	20.30	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	18.52	18.66	18.80	19.60	18.36	18.47	18.28	19.30	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	20.43	20.74	20.79	21.60	20.42	20.49	19.99	21.30	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.30	20.66	20.44	21.60	20.40	20.35	20.25	21.30	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 6>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.45	21.69	21.65	21.80	21.41	21.43	21.10	21.50	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	21.49	21.73	21.67	21.80	21.43	21.45	21.12	21.50	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	20.30	20.75	20.57	20.80	20.49	20.42	20.10	20.50	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	20.35	20.71	20.77	20.80	20.23	20.46	20.11	20.50	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.22	20.26	20.30	19.76	19.93	19.48	20.00	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	20.07	20.10	20.20	20.30	19.95	19.77	19.44	20.00	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.69	20.73	20.71	20.80	20.34	20.41	20.16	20.50	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.47	20.72	20.75	20.80	20.45	20.47	20.16	20.50	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.81	20.26	20.02	20.30	19.95	19.80	19.42	20.00	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.81	20.15	20.09	20.30	19.81	19.85	19.48	20.00	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	20.61	20.78	20.47	20.80	20.44	20.42	20.13	20.50	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	18.57	18.58	18.55	18.80	18.50	18.45	18.30	18.50	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	19.48	19.73	19.54	19.80	19.42	19.45	19.03	19.50	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	18.52	18.66	18.80	18.80	18.36	18.47	18.28	18.50	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	20.43	20.74	20.79	20.80	20.42	20.49	19.99	20.50	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.30	20.66	20.44	20.80	20.40	20.35	20.25	20.50	23.20	23.25	23.10	24.00

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Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.59	24.27	24.31	25.20	24.58	24.62	24.59	25.70	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	24.61	24.29	24.37	25.20	24.61	24.67	24.61	25.70	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	23.70	23.90	23.77	24.20	24.26	24.36	24.30	24.70	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	23.76	23.89	23.79	24.20	24.08	24.18	24.05	24.70	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.54	23.69	23.61	23.70	23.63	23.69	23.58	24.20	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	23.02	23.23	23.11	23.70	23.66	23.65	23.62	24.20	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.80	23.76	24.20	24.22	24.31	24.22	24.70	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.85	23.73	24.20	24.00	24.12	23.95	24.70	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.68	23.59	23.70	23.57	23.61	23.55	24.20	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.97	23.21	23.10	23.70	23.66	23.59	23.61	24.20	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	22.89	22.99	22.89	24.20	23.56	23.54	23.31	24.70	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	21.11	21.25	21.10	22.20	21.30	21.36	21.32	22.70	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	22.89	23.03	22.91	23.20	23.59	23.59	23.56	23.70	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	21.66	21.76	21.65	22.20	21.60	21.63	20.95	22.70	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	24.00	24.00	23.90	24.20	24.60	24.60	24.60	24.70	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.55	23.40	23.56	24.20	24.11	24.25	24.21	24.70	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 9>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.63	18.72	18.55	19.60	19.20	19.21	19.20	19.60	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	18.65	18.73	18.59	19.60	19.23	19.24	19.23	19.60	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	17.50	17.88	17.65	18.60	18.29	18.28	18.14	18.60	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	17.48	17.71	17.76	18.60	18.18	18.14	18.11	18.60	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	17.02	17.29	16.90	18.10	17.92	17.84	17.91	18.10	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	17.18	17.10	16.89	18.10	17.91	17.65	17.63	18.10	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.50	17.87	17.58	18.60	18.35	18.44	18.29	18.60	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.51	17.63	17.53	18.60	18.16	18.14	18.21	18.60	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.96	17.29	17.08	18.10	17.74	17.89	17.76	18.10	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.13	17.33	17.22	18.10	17.87	17.88	17.84	18.10	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	17.84	17.89	17.44	18.60	18.07	18.30	18.41	18.60	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	15.65	15.77	15.56	16.60	16.43	16.32	16.25	16.60	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	16.82	16.64	16.76	17.60	17.31	17.25	17.38	17.60	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	15.71	15.75	15.45	16.60	16.05	16.20	16.08	16.60	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	17.49	17.76	17.42	18.60	18.08	18.32	18.38	18.60	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.72	17.78	17.69	18.60	18.29	18.33	18.03	18.60	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 10>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.53	20.70	20.45	21.80	19.20	19.21	19.20	20.60	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	20.55	20.72	20.49	21.80	19.23	19.24	19.23	20.60	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	19.65	19.74	19.42	20.80	18.29	18.28	18.14	19.60	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	19.73	19.66	19.65	20.80	18.18	18.14	18.11	19.60	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.02	19.38	18.84	20.30	17.92	17.84	17.91	19.10	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	19.18	19.19	18.79	20.30	17.91	17.65	17.63	19.10	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.53	19.59	19.59	20.80	18.35	18.44	18.29	19.60	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.43	19.85	19.39	20.80	18.16	18.14	18.21	19.60	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	19.30	18.86	20.30	17.74	17.89	17.76	19.10	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.21	19.12	18.94	20.30	17.87	17.88	17.84	19.10	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	19.71	19.87	19.46	20.80	18.07	18.30	18.41	19.60	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	17.68	17.83	17.69	18.80	16.43	16.32	16.25	17.60	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	18.53	18.70	18.43	19.80	17.31	17.25	17.38	18.60	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	17.62	17.85	17.67	18.80	16.05	16.20	16.08	17.60	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	19.59	19.91	19.59	20.80	18.08	18.32	18.38	19.60	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.59	19.60	19.56	20.80	18.29	18.33	18.03	19.60	23.20	23.25	23.10	24.00

<WCDMA Power_TX0_Index 11>

Band		WCDMA II_Ant 2			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.53	20.70	20.45	21.00	19.20	19.21	19.20	19.80	23.44	23.51	23.50	25.00
3GPP Rel 99	RMC 12.2Kbps	20.55	20.72	20.49	21.00	19.23	19.24	19.23	19.80	23.47	23.54	23.51	25.00
3GPP Rel 6	HSDPA Subtest-1	19.65	19.74	19.42	20.00	18.29	18.28	18.14	18.80	23.35	23.30	23.20	24.00
3GPP Rel 6	HSDPA Subtest-2	19.73	19.66	19.65	20.00	18.18	18.14	18.11	18.80	23.36	23.27	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.02	19.38	18.84	19.50	17.92	17.84	17.91	18.30	23.41	23.30	23.22	23.50
3GPP Rel 6	HSDPA Subtest-4	19.18	19.19	18.79	19.50	17.91	17.65	17.63	18.30	22.87	22.75	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.53	19.59	19.59	20.00	18.35	18.44	18.29	18.80	23.35	23.28	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.43	19.85	19.39	20.00	18.16	18.14	18.21	18.80	23.35	23.22	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	19.30	18.86	19.50	17.74	17.89	17.76	18.30	23.38	23.27	23.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.21	19.12	18.94	19.50	17.87	17.88	17.84	18.30	22.79	22.71	22.65	23.50
3GPP Rel 6	HSUPA Subtest-1	19.71	19.87	19.46	20.00	18.07	18.30	18.41	18.80	23.42	23.40	23.47	24.00
3GPP Rel 6	HSUPA Subtest-2	17.68	17.83	17.69	18.00	16.43	16.32	16.25	16.80	20.16	20.22	20.18	22.00
3GPP Rel 6	HSUPA Subtest-3	18.53	18.70	18.43	19.00	17.31	17.25	17.38	17.80	22.45	22.45	22.42	23.00
3GPP Rel 6	HSUPA Subtest-4	17.62	17.85	17.67	18.00	16.05	16.20	16.08	16.80	20.46	20.49	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	19.59	19.91	19.59	20.00	18.08	18.32	18.38	18.80	23.46	23.46	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.59	19.60	19.56	20.00	18.29	18.33	18.03	18.80	23.20	23.25	23.10	24.00

<WCDMA Power_TX1_Index 2/3>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	24.46	24.51	24.43	25.70	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	24.47	24.57	24.47	25.70	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	24.14	24.24	24.18	24.70	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	23.96	24.06	23.93	24.70	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	23.51	23.57	23.46	24.20	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	23.54	23.53	23.50	24.20	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	24.11	24.17	24.17	24.70	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	23.90	23.96	23.84	24.70	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	23.45	23.57	23.36	24.20	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	23.47	23.48	23.40	24.20	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	23.44	23.42	23.19	24.70	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	21.18	21.24	21.20	22.70	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	23.47	23.47	23.44	23.70	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	21.48	21.51	20.83	22.70	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	24.48	24.48	24.48	24.70	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	24.00	24.09	24.02	24.70	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 4>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	20.90	20.92	21.01	21.20	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	20.93	21.00	21.05	21.20	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	19.87	20.00	19.96	20.20	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	20.04	20.11	20.00	20.20	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	19.23	19.40	19.67	19.70	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	19.44	19.41	19.39	19.70	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	19.93	19.90	19.88	20.20	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	19.74	20.13	20.14	20.20	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	19.35	19.32	19.69	19.70	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	19.49	19.42	19.60	19.70	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	19.95	20.17	19.96	20.20	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	17.98	18.18	18.10	18.20	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	19.12	18.89	19.09	19.20	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	17.83	17.90	17.89	18.20	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	20.09	20.00	19.89	20.20	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	19.83	19.85	19.83	20.20	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 5>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	21.40	21.48	21.49	22.40	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	21.43	21.50	21.55	22.40	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	20.37	20.43	20.57	21.40	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	20.29	20.56	20.40	21.40	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	19.86	20.07	19.93	20.90	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	19.95	19.95	19.88	20.90	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	20.32	20.45	20.55	21.40	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	20.47	20.59	20.58	21.40	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	19.77	20.06	19.87	20.90	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	20.01	20.10	20.03	20.90	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	20.43	20.40	20.56	21.40	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	18.46	18.36	18.59	19.40	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	19.39	19.32	19.43	20.40	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	18.39	18.36	18.60	19.40	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	20.53	20.41	20.52	21.40	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	19.86	20.05	20.09	21.40	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 6>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	21.40	21.48	21.49	21.60	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	21.43	21.50	21.55	21.60	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	20.37	20.43	20.57	20.60	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	20.29	20.56	20.40	20.60	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	19.86	20.07	19.93	20.10	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	19.95	19.95	19.88	20.10	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	20.32	20.45	20.55	20.60	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	20.47	20.59	20.58	20.60	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	19.77	20.06	19.87	20.10	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	20.01	20.10	20.03	20.10	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	20.43	20.40	20.56	20.60	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	18.46	18.36	18.59	18.60	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	19.39	19.32	19.43	19.60	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	18.39	18.36	18.60	18.60	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	20.53	20.41	20.52	20.60	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	19.86	20.05	20.09	20.60	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 7>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	24.46	24.51	24.43	25.70	21.70	21.65	21.54	23.00
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	24.47	24.57	24.47	25.70	21.72	21.66	21.58	23.00
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	24.14	24.24	24.18	24.70	20.76	20.77	20.46	22.00
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	23.96	24.06	23.93	24.70	20.53	20.83	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	23.51	23.57	23.46	24.20	20.15	20.12	20.27	21.50
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	23.54	23.53	23.50	24.20	20.12	20.35	20.12	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	24.11	24.17	24.17	24.70	20.74	20.50	20.38	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	23.90	23.96	23.84	24.70	20.83	20.81	20.41	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	23.45	23.57	23.36	24.20	20.22	20.00	20.04	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	23.47	23.48	23.40	24.20	20.13	19.96	20.07	21.50
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	23.44	23.42	23.19	24.70	20.89	20.67	20.77	22.00
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	21.18	21.24	21.20	22.70	18.73	18.67	18.66	20.00
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	23.47	23.47	23.44	23.70	19.66	19.49	19.67	21.00
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	21.48	21.51	20.83	22.70	18.53	18.58	18.73	20.00
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	24.48	24.48	24.48	24.70	20.85	20.65	20.75	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	24.00	24.09	24.02	24.70	20.33	20.04	20.07	22.00

<WCDMA Power_TX1_Index 8>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.71	23.88	23.70	25.20	24.46	24.51	24.43	25.70	21.70	21.65	21.54	22.20
3GPP Rel 99	RMC 12.2Kbps	23.73	23.90	23.71	25.20	24.47	24.57	24.47	25.70	21.72	21.66	21.58	22.20
3GPP Rel 6	HSDPA Subtest-1	23.56	23.51	23.41	24.20	24.14	24.24	24.18	24.70	20.76	20.77	20.46	21.20
3GPP Rel 6	HSDPA Subtest-2	23.57	23.48	23.42	24.20	23.96	24.06	23.93	24.70	20.53	20.83	20.54	21.20
3GPP Rel 6	HSDPA Subtest-3	23.62	23.51	23.43	23.70	23.51	23.57	23.46	24.20	20.15	20.12	20.27	20.70
3GPP Rel 6	HSDPA Subtest-4	23.08	22.96	22.95	23.70	23.54	23.53	23.50	24.20	20.12	20.35	20.12	20.70
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.50	23.36	24.20	24.11	24.17	24.17	24.70	20.74	20.50	20.38	21.20
3GPP Rel 8	DC-HSDPA Subtest-2	23.57	23.48	23.40	24.20	23.90	23.96	23.84	24.70	20.83	20.81	20.41	21.20
3GPP Rel 8	DC-HSDPA Subtest-3	23.54	23.43	23.36	23.70	23.45	23.57	23.36	24.20	20.22	20.00	20.04	20.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.86	22.85	23.70	23.47	23.48	23.40	24.20	20.13	19.96	20.07	20.70
3GPP Rel 6	HSUPA Subtest-1	23.63	23.61	23.68	24.20	23.44	23.42	23.19	24.70	20.89	20.67	20.77	21.20
3GPP Rel 6	HSUPA Subtest-2	20.37	20.43	20.39	22.20	21.18	21.24	21.20	22.70	18.73	18.67	18.66	19.20
3GPP Rel 6	HSUPA Subtest-3	22.66	22.66	22.63	23.20	23.47	23.47	23.44	23.70	19.66	19.49	19.67	20.20
3GPP Rel 6	HSUPA Subtest-4	20.67	20.70	20.32	22.20	21.48	21.51	20.83	22.70	18.53	18.58	18.73	19.20
3GPP Rel 6	HSUPA Subtest-5	23.67	23.67	23.67	24.20	24.48	24.48	24.48	24.70	20.85	20.65	20.75	21.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.50	23.40	23.35	24.20	24.00	24.09	24.02	24.70	20.33	20.04	20.07	21.20

<WCDMAPower_TX1_Index 9>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.35	21.54	21.41	21.90	20.44	20.46	20.36	21.10	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	21.39	21.55	21.43	21.90	20.46	20.47	20.39	21.10	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	20.52	20.63	20.59	20.90	19.45	19.56	19.59	20.10	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	20.54	20.62	20.41	20.90	19.42	19.54	19.44	20.10	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.84	20.01	20.11	20.40	19.11	18.86	18.90	19.60	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	19.92	20.02	19.92	20.40	18.85	19.07	18.97	19.60	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.33	20.56	20.44	20.90	19.62	19.53	19.55	20.10	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.55	20.60	20.23	20.90	19.34	19.51	19.48	20.10	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.97	19.93	19.84	20.40	19.11	18.87	18.91	19.60	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.69	20.09	20.03	20.40	19.13	18.79	18.72	19.60	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	20.47	20.61	20.56	20.90	19.51	19.45	19.53	20.10	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	18.39	18.75	18.28	18.90	17.34	17.58	17.58	18.10	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	19.48	19.63	19.44	19.90	18.52	18.33	18.19	19.10	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	18.29	18.51	18.40	18.90	17.66	17.32	17.37	18.10	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	20.27	20.41	20.33	20.90	19.48	19.49	19.57	20.10	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.24	20.36	20.60	20.90	19.31	19.60	19.39	20.10	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 10>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.35	21.54	21.41	22.70	20.44	20.46	20.36	21.90	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	21.39	21.55	21.43	22.70	20.46	20.47	20.39	21.90	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	20.52	20.63	20.59	21.70	19.45	19.56	19.59	20.90	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	20.54	20.62	20.41	21.70	19.42	19.54	19.44	20.90	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.84	20.01	20.11	21.20	19.11	18.86	18.90	20.40	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	19.92	20.02	19.92	21.20	18.85	19.07	18.97	20.40	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.33	20.56	20.44	21.70	19.62	19.53	19.55	20.90	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.55	20.60	20.23	21.70	19.34	19.51	19.48	20.90	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.97	19.93	19.84	21.20	19.11	18.87	18.91	20.40	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.69	20.09	20.03	21.20	19.13	18.79	18.72	20.40	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	20.47	20.61	20.56	21.70	19.51	19.45	19.53	20.90	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	18.39	18.75	18.28	19.70	17.34	17.58	17.58	18.90	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	19.48	19.63	19.44	20.70	18.52	18.33	18.19	19.90	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	18.29	18.51	18.40	19.70	17.66	17.32	17.37	18.90	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	20.27	20.41	20.33	21.70	19.48	19.49	19.57	20.90	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.24	20.36	20.60	21.70	19.31	19.60	19.39	20.90	23.45	23.42	23.30	24.00

<WCDMA Power_TX1_Index 11>

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.35	21.54	21.41	21.90	20.44	20.46	20.36	21.10	23.88	23.88	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	21.39	21.55	21.43	21.90	20.46	20.47	20.39	21.10	23.91	23.89	23.78	25.00
3GPP Rel 6	HSDPA Subtest-1	20.52	20.63	20.59	20.90	19.45	19.56	19.59	20.10	23.55	23.56	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	20.54	20.62	20.41	20.90	19.42	19.54	19.44	20.10	23.35	23.32	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	19.84	20.01	20.11	20.40	19.11	18.86	18.90	19.60	22.86	22.85	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	19.92	20.02	19.92	20.40	18.85	19.07	18.97	19.60	22.82	22.89	22.78	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.33	20.56	20.44	20.90	19.62	19.53	19.55	20.10	23.46	23.52	23.39	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.55	20.60	20.23	20.90	19.34	19.51	19.48	20.10	23.29	23.22	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.97	19.93	19.84	20.40	19.11	18.87	18.91	19.60	22.80	22.77	22.74	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.69	20.09	20.03	20.40	19.13	18.79	18.72	19.60	22.73	22.88	22.78	23.50
3GPP Rel 6	HSUPA Subtest-1	20.47	20.61	20.56	20.90	19.51	19.45	19.53	20.10	22.71	22.58	22.47	24.00
3GPP Rel 6	HSUPA Subtest-2	18.39	18.75	18.28	18.90	17.34	17.58	17.58	18.10	20.51	20.58	20.46	22.00
3GPP Rel 6	HSUPA Subtest-3	19.48	19.63	19.44	19.90	18.52	18.33	18.19	19.10	22.76	22.83	22.72	23.00
3GPP Rel 6	HSUPA Subtest-4	18.29	18.51	18.40	18.90	17.66	17.32	17.37	18.10	20.80	20.22	20.11	22.00
3GPP Rel 6	HSUPA Subtest-5	20.27	20.41	20.33	20.90	19.48	19.49	19.57	20.10	23.43	23.87	23.46	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.24	20.36	20.60	20.90	19.31	19.60	19.39	20.10	23.45	23.42	23.30	24.00

<LTE Band 2_Ant 2_TX0_Index 2/3/7/8>

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	24.39	24.69	24.50	25.7
20	QPSK	1	49	24.54	24.48	24.52	
20	QPSK	1	99	24.34	24.15	24.48	
20	QPSK	50	0	23.47	23.57	23.50	24.7
20	QPSK	50	24	23.45	23.45	23.48	
20	QPSK	50	50	23.44	23.29	23.48	
20	QPSK	100	0	23.46	23.51	23.44	
20	16QAM	1	0	23.65	24.11	23.76	24.7
20	16QAM	1	49	23.83	23.81	23.84	
20	16QAM	1	99	23.71	23.53	23.88	
20	16QAM	50	0	22.46	22.62	22.47	23.7
20	16QAM	50	24	22.49	22.49	22.48	
20	16QAM	50	50	22.45	22.33	22.54	
20	16QAM	100	0	22.45	22.46	22.50	
20	64QAM	1	0	22.44	22.84	22.73	23.7
20	64QAM	1	49	22.59	22.52	22.65	
20	64QAM	1	99	22.55	22.26	22.69	
20	64QAM	50	0	21.49	21.65	21.51	22.7
20	64QAM	50	24	21.52	21.55	21.51	
20	64QAM	50	50	21.49	21.38	21.57	
20	64QAM	100	0	21.45	21.48	21.50	
20	256QAM	1	0	19.73	19.89	19.75	20.7
20	256QAM	1	49	19.47	19.65	19.49	
20	256QAM	1	99	19.17	19.43	19.19	
20	256QAM	50	0	19.66	19.85	19.69	20.7
20	256QAM	50	24	19.53	19.70	19.52	
20	256QAM	50	50	19.34	19.57	19.34	
20	256QAM	100	0	19.43	19.66	19.50	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.20	24.53	24.30	25.7
15	QPSK	1	37	24.45	24.28	24.33	
15	QPSK	1	74	24.17	24.07	24.35	
15	QPSK	36	0	23.34	23.47	23.33	24.7
15	QPSK	36	20	23.37	23.35	23.28	
15	QPSK	36	39	23.39	23.28	23.46	
15	QPSK	75	0	23.35	23.32	23.26	
15	16QAM	1	0	23.45	23.98	23.73	24.7
15	16QAM	1	37	23.65	23.80	23.73	
15	16QAM	1	74	23.52	23.41	23.86	
15	16QAM	36	0	22.44	22.49	22.34	23.7
15	16QAM	36	20	22.47	22.36	22.40	
15	16QAM	36	39	22.28	22.31	22.39	
15	16QAM	75	0	22.28	22.33	22.37	
15	64QAM	1	0	22.30	22.74	22.59	23.7
15	64QAM	1	37	22.46	22.49	22.64	
15	64QAM	1	74	22.43	22.08	22.52	
15	64QAM	36	0	21.33	21.64	21.40	22.7
15	64QAM	36	20	21.34	21.51	21.50	
15	64QAM	36	39	21.41	21.21	21.54	
15	64QAM	75	0	21.26	21.31	21.36	
15	256QAM	1	0	19.54	19.69	19.56	20.7
15	256QAM	1	37	19.37	19.60	19.31	
15	256QAM	1	74	19.17	19.36	19.02	
15	256QAM	36	0	19.47	19.69	19.62	20.7
15	256QAM	36	20	19.44	19.64	19.47	

15	256QAM	36	39	19.15	19.51	19.23	
15	256QAM	75	0	19.36	19.66	19.35	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.36	24.58	24.40	25.7
10	QPSK	1	25	24.45	24.37	24.35	
10	QPSK	1	49	24.23	24.13	24.40	
10	QPSK	25	0	23.45	23.42	23.35	24.7
10	QPSK	25	12	23.32	23.40	23.44	
10	QPSK	25	25	23.29	23.19	23.29	
10	QPSK	50	0	23.30	23.33	23.35	
10	16QAM	1	0	23.49	23.91	23.74	24.7
10	16QAM	1	25	23.67	23.69	23.68	
10	16QAM	1	49	23.70	23.38	23.70	
10	16QAM	25	0	22.40	22.59	22.43	23.7
10	16QAM	25	12	22.31	22.41	22.39	
10	16QAM	25	25	22.25	22.33	22.49	
10	16QAM	50	0	22.26	22.27	22.49	
10	64QAM	1	0	22.32	22.80	22.54	23.7
10	64QAM	1	25	22.51	22.44	22.52	
10	64QAM	1	49	22.42	22.07	22.54	
10	64QAM	25	0	21.46	21.54	21.51	22.7
10	64QAM	25	12	21.32	21.48	21.51	
10	64QAM	25	25	21.35	21.31	21.43	
10	64QAM	50	0	21.41	21.35	21.50	
10	256QAM	1	0	19.73	19.88	19.57	20.7
10	256QAM	1	25	19.34	19.63	19.33	
10	256QAM	1	49	18.98	19.36	19.18	
10	256QAM	25	0	19.66	19.81	19.51	20.7
10	256QAM	25	12	19.33	19.50	19.33	
10	256QAM	25	25	19.20	19.40	19.25	
10	256QAM	50	0	19.26	19.49	19.31	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.36	24.60	24.39	25.7
5	QPSK	1	12	24.37	24.47	24.52	
5	QPSK	1	24	24.23	23.96	24.41	
5	QPSK	12	0	23.33	23.54	23.32	24.7
5	QPSK	12	7	23.39	23.43	23.33	
5	QPSK	12	13	23.32	23.13	23.40	
5	QPSK	25	0	23.28	23.40	23.43	
5	16QAM	1	0	23.52	24.08	23.57	24.7
5	16QAM	1	12	23.81	23.73	23.69	
5	16QAM	1	24	23.55	23.37	23.68	
5	16QAM	12	0	22.28	22.53	22.43	23.7
5	16QAM	12	7	22.41	22.37	22.34	
5	16QAM	12	13	22.43	22.23	22.43	
5	16QAM	25	0	22.35	22.33	22.37	
5	64QAM	1	0	22.28	22.84	22.69	23.7
5	64QAM	1	12	22.59	22.41	22.50	
5	64QAM	1	24	22.44	22.22	22.63	
5	64QAM	12	0	21.47	21.57	21.44	22.7
5	64QAM	12	7	21.49	21.42	21.42	
5	64QAM	12	13	21.41	21.32	21.45	
5	64QAM	25	0	21.26	21.36	21.36	
5	256QAM	1	0	19.54	19.77	19.62	20.7
5	256QAM	1	12	19.42	19.61	19.32	
5	256QAM	1	24	19.11	19.27	19.02	
5	256QAM	12	0	19.53	19.66	19.61	20.7
5	256QAM	12	7	19.52	19.67	19.47	
5	256QAM	12	13	19.25	19.45	19.14	
5	256QAM	25	0	19.36	19.63	19.33	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.24	24.53	24.43	25.7
3	QPSK	1	8	24.39	24.36	24.45	
3	QPSK	1	14	24.33	24.02	24.41	
3	QPSK	8	0	23.46	23.54	23.46	24.7
3	QPSK	8	4	23.34	23.45	23.31	
3	QPSK	8	7	23.44	23.09	23.47	
3	QPSK	15	0	23.37	23.50	23.40	
3	16QAM	1	0	23.50	23.98	23.63	24.7
3	16QAM	1	8	23.82	23.72	23.69	
3	16QAM	1	14	23.57	23.39	23.80	
3	16QAM	8	0	22.28	22.56	22.40	23.7
3	16QAM	8	4	22.44	22.34	22.48	
3	16QAM	8	7	22.36	22.29	22.36	
3	16QAM	15	0	22.30	22.37	22.37	
3	64QAM	1	0	22.37	22.82	22.61	23.7
3	64QAM	1	8	22.48	22.43	22.63	
3	64QAM	1	14	22.48	22.24	22.67	
3	64QAM	8	0	21.44	21.47	21.34	22.7
3	64QAM	8	4	21.38	21.46	21.51	
3	64QAM	8	7	21.49	21.24	21.42	
3	64QAM	15	0	21.38	21.37	21.37	
3	256QAM	1	0	19.58	19.74	19.67	20.7
3	256QAM	1	8	19.37	19.51	19.37	
3	256QAM	1	14	18.98	19.27	19.05	
3	256QAM	8	0	19.65	19.71	19.55	20.7
3	256QAM	8	4	19.35	19.67	19.50	
3	256QAM	8	7	19.14	19.37	19.25	
3	256QAM	15	0	19.36	19.57	19.40	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.22	24.67	24.36	25.7
1.4	QPSK	1	3	24.37	24.42	24.44	
1.4	QPSK	1	5	24.15	24.15	24.35	
1.4	QPSK	3	0	24.33	24.56	24.38	
1.4	QPSK	3	1	24.41	24.43	24.52	
1.4	QPSK	3	3	24.34	24.11	24.42	
1.4	QPSK	6	0	23.42	23.54	23.41	24.7
1.4	16QAM	1	0	23.39	23.28	23.44	24.7
1.4	16QAM	1	3	23.27	23.09	23.32	
1.4	16QAM	1	5	23.30	23.45	23.28	
1.4	16QAM	3	0	23.60	23.99	23.60	
1.4	16QAM	3	1	23.67	23.61	23.69	
1.4	16QAM	3	3	23.60	23.35	23.76	
1.4	16QAM	6	0	22.44	22.62	22.27	23.7
1.4	64QAM	1	0	22.38	22.30	22.35	23.7
1.4	64QAM	1	3	22.40	22.19	22.46	
1.4	64QAM	1	5	22.37	22.31	22.42	
1.4	64QAM	3	0	22.32	22.70	22.63	
1.4	64QAM	3	1	22.44	22.38	22.65	
1.4	64QAM	3	3	22.41	22.25	22.66	
1.4	64QAM	6	0	21.47	21.57	21.32	22.7
1.4	256QAM	1	0	19.69	19.79	19.62	20.7
1.4	256QAM	1	3	19.39	19.54	19.31	
1.4	256QAM	1	5	19.07	19.41	19.11	
1.4	256QAM	3	0	19.47	19.70	19.69	
1.4	256QAM	3	1	19.35	19.65	19.35	
1.4	256QAM	3	3	19.20	19.44	19.23	
1.4	256QAM	6	0	19.33	19.53	19.30	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.26	18.50	18.47	18.9
20	QPSK	1	49	18.28	18.24	18.23	
20	QPSK	1	99	18.07	17.83	18.24	
20	QPSK	50	0	18.19	18.37	18.24	18.9
20	QPSK	50	24	18.23	18.23	18.23	
20	QPSK	50	50	18.21	18.06	18.28	
20	QPSK	100	0	18.18	18.19	18.25	
20	16QAM	1	0	18.40	18.49	18.47	18.9
20	16QAM	1	49	18.41	18.43	18.43	
20	16QAM	1	99	18.42	18.25	18.48	
20	16QAM	50	0	18.17	18.37	18.25	18.9
20	16QAM	50	24	18.20	18.25	18.22	
20	16QAM	50	50	18.19	18.08	18.26	
20	16QAM	100	0	18.14	18.20	18.21	
20	64QAM	1	0	18.35	18.45	18.49	18.9
20	64QAM	1	49	18.36	18.42	18.42	
20	64QAM	1	99	18.31	18.13	18.41	
20	64QAM	50	0	18.22	18.42	18.26	18.9
20	64QAM	50	24	18.23	18.28	18.26	
20	64QAM	50	50	18.19	18.13	18.29	
20	64QAM	100	0	18.14	18.23	18.24	
20	256QAM	1	0	18.08	18.04	18.11	18.9
20	256QAM	1	49	18.23	18.19	18.15	
20	256QAM	1	99	18.13	18.15	18.18	
20	256QAM	50	0	18.16	18.13	18.13	18.9
20	256QAM	50	24	18.15	18.11	18.11	
20	256QAM	50	50	18.08	18.16	18.16	
20	256QAM	100	0	18.17	18.06	18.09	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.24	18.48	18.28	18.9
15	QPSK	1	37	18.14	18.14	18.06	
15	QPSK	1	74	17.91	17.67	18.22	
15	QPSK	36	0	18.02	18.33	18.19	18.9
15	QPSK	36	20	18.22	18.07	18.16	
15	QPSK	36	39	18.08	18.01	18.09	
15	QPSK	75	0	18.16	18.13	18.19	
15	16QAM	1	0	18.36	18.39	18.38	18.9
15	16QAM	1	37	18.21	18.36	18.25	
15	16QAM	1	74	18.37	18.14	18.47	
15	16QAM	36	0	18.16	18.28	18.22	18.9
15	16QAM	36	20	18.05	18.16	18.15	
15	16QAM	36	39	18.01	17.98	18.10	
15	16QAM	75	0	18.13	18.03	18.20	
15	64QAM	1	0	18.28	18.42	18.38	18.9
15	64QAM	1	37	18.29	18.27	18.34	
15	64QAM	1	74	18.27	18.12	18.39	
15	64QAM	36	0	18.10	18.25	18.22	18.9
15	64QAM	36	20	18.17	18.17	18.19	
15	64QAM	36	39	18.01	18.08	18.23	
15	64QAM	75	0	18.14	18.17	18.11	
15	256QAM	1	0	18.01	17.98	18.04	18.9
15	256QAM	1	37	18.14	18.03	18.10	
15	256QAM	1	74	18.03	17.98	18.15	
15	256QAM	36	0	18.09	17.99	18.05	18.9
15	256QAM	36	20	18.05	18.04	18.03	
15	256QAM	36	39	18.04	17.99	18.14	

15	256QAM	75	0	18.08	18.03	18.01	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.12	18.47	18.45	18.9
10	QPSK	1	25	18.19	18.24	18.05	
10	QPSK	1	49	17.99	17.68	18.04	
10	QPSK	25	0	18.07	18.20	18.06	18.9
10	QPSK	25	12	18.08	18.20	18.17	
10	QPSK	25	25	18.13	17.92	18.09	
10	QPSK	50	0	18.01	18.09	18.09	
10	16QAM	1	0	18.24	18.47	18.46	18.9
10	16QAM	1	25	18.34	18.40	18.28	
10	16QAM	1	49	18.26	18.22	18.46	
10	16QAM	25	0	18.12	18.21	18.13	18.9
10	16QAM	25	12	18.02	18.23	18.03	
10	16QAM	25	25	18.17	18.07	18.11	
10	16QAM	50	0	18.02	18.10	18.12	
10	64QAM	1	0	18.26	18.34	18.48	18.9
10	64QAM	1	25	18.20	18.26	18.26	
10	64QAM	1	49	18.30	17.94	18.39	
10	64QAM	25	0	18.06	18.29	18.26	18.9
10	64QAM	25	12	18.20	18.11	18.22	
10	64QAM	25	25	18.00	18.03	18.13	
10	64QAM	50	0	18.06	18.03	18.22	
10	256QAM	1	0	17.97	18.02	18.00	18.9
10	256QAM	1	25	18.09	18.17	18.14	
10	256QAM	1	49	17.99	18.01	18.08	
10	256QAM	25	0	18.14	17.94	18.06	18.9
10	256QAM	25	12	18.01	18.01	18.07	
10	256QAM	25	25	18.01	18.11	17.98	
10	256QAM	50	0	18.16	18.04	18.06	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.19	18.34	18.27	18.9
5	QPSK	1	12	18.24	18.20	18.07	
5	QPSK	1	24	17.90	17.68	18.05	
5	QPSK	12	0	18.12	18.23	18.16	18.9
5	QPSK	12	7	18.17	18.06	18.10	
5	QPSK	12	13	18.20	17.99	18.10	
5	QPSK	25	0	17.98	18.08	18.12	
5	16QAM	1	0	18.27	18.48	18.44	18.9
5	16QAM	1	12	18.34	18.40	18.31	
5	16QAM	1	24	18.37	18.16	18.33	
5	16QAM	12	0	17.97	18.21	18.23	18.9
5	16QAM	12	7	18.12	18.13	18.04	
5	16QAM	12	13	18.11	17.99	18.23	
5	16QAM	25	0	18.05	18.01	18.02	
5	64QAM	1	0	18.32	18.30	18.41	18.9
5	64QAM	1	12	18.36	18.35	18.22	
5	64QAM	1	24	18.11	18.12	18.29	
5	64QAM	12	0	18.13	18.37	18.12	18.9
5	64QAM	12	7	18.18	18.14	18.20	
5	64QAM	12	13	18.02	17.95	18.24	
5	64QAM	25	0	18.06	18.07	18.04	
5	256QAM	1	0	18.00	17.97	17.96	18.9
5	256QAM	1	12	18.04	18.09	18.08	
5	256QAM	1	24	18.05	18.13	18.03	
5	256QAM	12	0	18.11	18.09	18.06	18.9
5	256QAM	12	7	18.02	18.11	18.07	
5	256QAM	12	13	18.00	18.00	18.11	
5	256QAM	25	0	18.08	17.91	17.90	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.21	18.30	18.30	18.9
3	QPSK	1	8	18.19	18.20	18.11	
3	QPSK	1	14	18.02	17.77	18.10	
3	QPSK	8	0	18.11	18.25	18.06	18.9
3	QPSK	8	4	18.21	18.09	18.16	
3	QPSK	8	7	18.03	18.06	18.16	
3	QPSK	15	0	18.13	18.19	18.22	
3	16QAM	1	0	18.34	18.46	18.41	18.9
3	16QAM	1	8	18.41	18.38	18.35	
3	16QAM	1	14	18.37	18.18	18.32	
3	16QAM	8	0	17.98	18.36	18.10	18.9
3	16QAM	8	4	18.08	18.15	18.06	
3	16QAM	8	7	18.19	18.04	18.13	
3	16QAM	15	0	17.96	18.13	18.05	
3	64QAM	1	0	18.15	18.25	18.33	18.9
3	64QAM	1	8	18.26	18.31	18.32	
3	64QAM	1	14	18.17	17.97	18.34	
3	64QAM	8	0	18.06	18.41	18.15	18.9
3	64QAM	8	4	18.17	18.20	18.08	
3	64QAM	8	7	18.00	18.11	18.24	
3	64QAM	15	0	18.13	18.23	18.17	
3	256QAM	1	0	18.03	17.92	17.93	18.9
3	256QAM	1	8	18.14	18.01	17.97	
3	256QAM	1	14	17.95	18.06	18.14	
3	256QAM	8	0	18.13	17.95	18.05	18.9
3	256QAM	8	4	18.08	18.06	18.03	
3	256QAM	8	7	18.05	18.01	17.96	
3	256QAM	15	0	18.17	17.93	17.92	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.22	18.40	18.34	18.9
1.4	QPSK	1	3	18.17	18.20	18.04	
1.4	QPSK	1	5	17.89	17.79	18.18	
1.4	QPSK	3	0	17.99	18.27	18.08	
1.4	QPSK	3	1	18.13	18.10	18.22	
1.4	QPSK	3	3	18.02	17.94	18.11	
1.4	QPSK	6	0	18.03	17.99	18.06	18.9
1.4	16QAM	1	0	18.33	18.49	18.33	18.9
1.4	16QAM	1	3	18.37	18.40	18.27	
1.4	16QAM	1	5	18.25	18.19	18.38	
1.4	16QAM	3	0	18.03	18.36	18.11	
1.4	16QAM	3	1	18.00	18.06	18.05	
1.4	16QAM	3	3	18.01	17.93	18.11	
1.4	16QAM	6	0	18.02	18.18	18.09	18.9
1.4	64QAM	1	0	18.19	18.39	18.42	18.9
1.4	64QAM	1	3	18.35	18.40	18.29	
1.4	64QAM	1	5	18.22	18.08	18.36	
1.4	64QAM	3	0	18.17	18.39	18.19	
1.4	64QAM	3	1	18.07	18.10	18.24	
1.4	64QAM	3	3	18.01	18.10	18.27	
1.4	64QAM	6	0	17.96	18.05	18.21	18.9
1.4	256QAM	1	0	18.08	17.99	18.04	18.9
1.4	256QAM	1	3	18.21	18.14	18.10	
1.4	256QAM	1	5	18.08	18.04	18.12	
1.4	256QAM	3	0	18.16	18.00	17.96	
1.4	256QAM	3	1	18.12	17.93	18.11	
1.4	256QAM	3	3	18.01	18.03	18.06	
1.4	256QAM	6	0	18.17	17.94	17.98	18.9

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.55	21.94	21.75	23
20	QPSK	1	49	21.78	21.78	21.81	
20	QPSK	1	99	21.51	21.38	21.82	
20	QPSK	50	0	21.69	21.85	21.76	23
20	QPSK	50	24	21.72	21.73	21.75	
20	QPSK	50	50	21.68	21.59	21.80	
20	QPSK	100	0	21.68	21.71	21.78	
20	16QAM	1	0	21.75	21.89	21.93	23
20	16QAM	1	49	21.75	21.93	21.93	
20	16QAM	1	99	21.74	21.57	21.91	
20	16QAM	50	0	21.68	21.88	21.72	23
20	16QAM	50	24	21.70	21.75	21.71	
20	16QAM	50	50	21.66	21.59	21.75	
20	16QAM	100	0	21.64	21.70	21.72	
20	64QAM	1	0	21.75	21.88	21.90	23
20	64QAM	1	49	21.81	21.91	21.81	
20	64QAM	1	99	21.79	21.65	21.88	
20	64QAM	50	0	21.10	21.31	21.14	22.7
20	64QAM	50	24	21.12	21.18	21.13	
20	64QAM	50	50	21.07	21.00	21.17	
20	64QAM	100	0	21.05	21.08	21.12	
20	256QAM	1	0	19.78	19.82	19.82	20.7
20	256QAM	1	49	19.52	19.67	19.47	
20	256QAM	1	99	19.08	19.47	19.15	
20	256QAM	50	0	19.64	19.84	19.63	20.7
20	256QAM	50	24	19.52	19.63	19.45	
20	256QAM	50	50	19.32	19.63	19.28	
20	256QAM	100	0	19.36	19.58	19.50	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.35	21.83	21.65	23
15	QPSK	1	37	21.60	21.76	21.77	
15	QPSK	1	74	21.33	21.33	21.70	
15	QPSK	36	0	21.66	21.67	21.68	23
15	QPSK	36	20	21.63	21.60	21.75	
15	QPSK	36	39	21.51	21.51	21.73	
15	QPSK	75	0	21.51	21.59	21.64	
15	16QAM	1	0	21.58	21.70	21.88	23
15	16QAM	1	37	21.69	21.80	21.78	
15	16QAM	1	74	21.55	21.47	21.90	
15	16QAM	36	0	21.65	21.69	21.55	23
15	16QAM	36	20	21.55	21.72	21.52	
15	16QAM	36	39	21.51	21.42	21.68	
15	16QAM	75	0	21.45	21.54	21.60	
15	64QAM	1	0	21.56	21.80	21.82	23
15	64QAM	1	37	21.81	21.89	21.63	
15	64QAM	1	74	21.70	21.58	21.81	
15	64QAM	36	0	21.03	21.31	20.95	22.7
15	64QAM	36	20	21.07	21.13	21.02	
15	64QAM	36	39	21.03	20.85	21.05	
15	64QAM	75	0	21.00	20.99	21.04	
15	256QAM	1	0	19.76	19.65	19.68	20.7
15	256QAM	1	37	19.50	19.52	19.39	
15	256QAM	1	74	19.05	19.46	19.07	
15	256QAM	36	0	19.59	19.72	19.45	20.7
15	256QAM	36	20	19.35	19.55	19.26	
15	256QAM	36	39	19.30	19.52	19.15	

15	256QAM	75	0	19.20	19.48	19.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.39	21.89	21.73	23
10	QPSK	1	25	21.60	21.75	21.67	
10	QPSK	1	49	21.32	21.22	21.78	
10	QPSK	25	0	21.54	21.81	21.70	23
10	QPSK	25	12	21.63	21.70	21.65	
10	QPSK	25	25	21.50	21.50	21.71	
10	QPSK	50	0	21.51	21.61	21.64	
10	16QAM	1	0	21.70	21.84	21.78	23
10	16QAM	1	25	21.56	21.89	21.73	
10	16QAM	1	49	21.69	21.42	21.75	
10	16QAM	25	0	21.61	21.82	21.63	23
10	16QAM	25	12	21.50	21.63	21.67	
10	16QAM	25	25	21.46	21.47	21.65	
10	16QAM	50	0	21.59	21.68	21.65	
10	64QAM	1	0	21.70	21.80	21.74	23
10	64QAM	1	25	21.68	21.76	21.81	
10	64QAM	1	49	21.69	21.48	21.83	
10	64QAM	25	0	20.93	21.24	21.06	22.7
10	64QAM	25	12	21.10	21.11	21.07	
10	64QAM	25	25	21.03	20.82	20.99	
10	64QAM	50	0	20.88	20.89	21.00	
10	256QAM	1	0	19.72	19.67	19.68	20.7
10	256QAM	1	25	19.32	19.60	19.31	
10	256QAM	1	49	18.95	19.34	19.02	
10	256QAM	25	0	19.59	19.77	19.59	20.7
10	256QAM	25	12	19.34	19.45	19.34	
10	256QAM	25	25	19.17	19.61	19.14	
10	256QAM	50	0	19.33	19.38	19.45	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.53	21.78	21.73	23
5	QPSK	1	12	21.67	21.74	21.81	
5	QPSK	1	24	21.33	21.22	21.70	
5	QPSK	12	0	21.64	21.72	21.66	23
5	QPSK	12	7	21.69	21.66	21.58	
5	QPSK	12	13	21.52	21.52	21.65	
5	QPSK	25	0	21.59	21.60	21.58	
5	16QAM	1	0	21.65	21.81	21.75	23
5	16QAM	1	12	21.70	21.76	21.75	
5	16QAM	1	24	21.69	21.56	21.72	
5	16QAM	12	0	21.56	21.75	21.68	23
5	16QAM	12	7	21.50	21.70	21.68	
5	16QAM	12	13	21.49	21.50	21.72	
5	16QAM	25	0	21.53	21.58	21.61	
5	64QAM	1	0	21.59	21.75	21.74	23
5	64QAM	1	12	21.74	21.87	21.80	
5	64QAM	1	24	21.75	21.47	21.80	
5	64QAM	12	0	21.09	21.30	20.95	22.7
5	64QAM	12	7	21.03	21.06	21.02	
5	64QAM	12	13	20.99	20.98	21.12	
5	64QAM	25	0	21.01	20.88	21.02	
5	256QAM	1	0	19.73	19.70	19.65	20.7
5	256QAM	1	12	19.37	19.53	19.39	
5	256QAM	1	24	18.97	19.30	19.05	
5	256QAM	12	0	19.48	19.67	19.59	20.7
5	256QAM	12	7	19.40	19.63	19.41	
5	256QAM	12	13	19.20	19.58	19.23	
5	256QAM	25	0	19.29	19.47	19.30	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	21.44	21.89	21.55	23
3	QPSK	1	8	21.64	21.68	21.69	
3	QPSK	1	14	21.47	21.20	21.76	
3	QPSK	8	0	21.55	21.80	21.67	23
3	QPSK	8	4	21.71	21.64	21.58	
3	QPSK	8	7	21.59	21.45	21.66	
3	QPSK	15	0	21.56	21.59	21.75	
3	16QAM	1	0	21.72	21.88	21.81	23
3	16QAM	1	8	21.72	21.88	21.91	
3	16QAM	1	14	21.72	21.55	21.79	
3	16QAM	8	0	21.55	21.80	21.64	23
3	16QAM	8	4	21.59	21.59	21.51	
3	16QAM	8	7	21.65	21.43	21.60	
3	16QAM	15	0	21.54	21.66	21.56	
3	64QAM	1	0	21.57	21.79	21.72	23
3	64QAM	1	8	21.71	21.87	21.75	
3	64QAM	1	14	21.79	21.52	21.76	
3	64QAM	8	0	20.90	21.12	21.10	22.7
3	64QAM	8	4	21.08	21.07	20.98	
3	64QAM	8	7	20.95	20.90	20.97	
3	64QAM	15	0	20.95	20.99	21.06	
3	256QAM	1	0	19.68	19.66	19.67	20.7
3	256QAM	1	8	19.36	19.48	19.27	
3	256QAM	1	14	18.91	19.45	19.15	
3	256QAM	8	0	19.51	19.78	19.56	20.7
3	256QAM	8	4	19.45	19.63	19.28	
3	256QAM	8	7	19.17	19.55	19.16	
3	256QAM	15	0	19.36	19.56	19.40	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.52	21.78	21.57	23
1.4	QPSK	1	3	21.60	21.69	21.75	
1.4	QPSK	1	5	21.48	21.31	21.67	
1.4	QPSK	3	0	21.54	21.75	21.65	
1.4	QPSK	3	1	21.68	21.53	21.58	
1.4	QPSK	3	3	21.68	21.46	21.70	
1.4	QPSK	6	0	21.63	21.53	21.64	23
1.4	16QAM	1	0	21.70	21.72	21.85	23
1.4	16QAM	1	3	21.67	21.78	21.83	
1.4	16QAM	1	5	21.54	21.50	21.89	
1.4	16QAM	3	0	21.58	21.85	21.55	
1.4	16QAM	3	1	21.67	21.69	21.62	
1.4	16QAM	3	3	21.52	21.50	21.60	
1.4	16QAM	6	0	21.51	21.63	21.64	23
1.4	64QAM	1	0	21.66	21.85	21.70	23
1.4	64QAM	1	3	21.67	21.81	21.79	
1.4	64QAM	1	5	21.71	21.46	21.68	
1.4	64QAM	3	0	21.01	21.14	21.13	
1.4	64QAM	3	1	21.07	21.16	21.09	
1.4	64QAM	3	3	21.09	21.04	21.07	
1.4	64QAM	6	0	20.89	20.91	20.97	22.7
1.4	256QAM	1	0	19.61	19.76	19.81	20.7
1.4	256QAM	1	3	19.39	19.58	19.28	
1.4	256QAM	1	5	18.92	19.47	19.03	
1.4	256QAM	3	0	19.47	19.67	19.45	
1.4	256QAM	3	1	19.34	19.57	19.36	
1.4	256QAM	3	3	19.21	19.44	19.27	
1.4	256QAM	6	0	19.16	19.45	19.42	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.55	21.94	21.75	22.2
20	QPSK	1	49	21.78	21.78	21.81	
20	QPSK	1	99	21.51	21.38	21.82	
20	QPSK	50	0	21.69	21.85	21.76	22.2
20	QPSK	50	24	21.72	21.73	21.75	
20	QPSK	50	50	21.68	21.59	21.80	
20	QPSK	100	0	21.68	21.71	21.78	
20	16QAM	1	0	21.75	21.89	21.93	22.2
20	16QAM	1	49	21.75	21.93	21.93	
20	16QAM	1	99	21.74	21.57	21.91	
20	16QAM	50	0	21.68	21.88	21.72	22.2
20	16QAM	50	24	21.70	21.75	21.71	
20	16QAM	50	50	21.66	21.59	21.75	
20	16QAM	100	0	21.64	21.70	21.72	
20	64QAM	1	0	21.75	21.88	21.90	22.2
20	64QAM	1	49	21.81	21.91	21.81	
20	64QAM	1	99	21.79	21.65	21.88	
20	64QAM	50	0	21.10	21.31	21.14	22.2
20	64QAM	50	24	21.12	21.18	21.13	
20	64QAM	50	50	21.07	21.00	21.17	
20	64QAM	100	0	21.05	21.08	21.12	
20	256QAM	1	0	19.78	19.82	19.82	20.7
20	256QAM	1	49	19.52	19.67	19.47	
20	256QAM	1	99	19.08	19.47	19.15	
20	256QAM	50	0	19.64	19.84	19.63	20.7
20	256QAM	50	24	19.52	19.63	19.45	
20	256QAM	50	50	19.32	19.63	19.28	
20	256QAM	100	0	19.36	19.58	19.50	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.35	21.83	21.65	22.2
15	QPSK	1	37	21.60	21.76	21.77	
15	QPSK	1	74	21.33	21.33	21.70	
15	QPSK	36	0	21.66	21.67	21.68	22.2
15	QPSK	36	20	21.63	21.60	21.75	
15	QPSK	36	39	21.51	21.51	21.73	
15	QPSK	75	0	21.51	21.59	21.64	
15	16QAM	1	0	21.58	21.70	21.88	22.2
15	16QAM	1	37	21.69	21.80	21.78	
15	16QAM	1	74	21.55	21.47	21.90	
15	16QAM	36	0	21.65	21.69	21.55	22.2
15	16QAM	36	20	21.55	21.72	21.52	
15	16QAM	36	39	21.51	21.42	21.68	
15	16QAM	75	0	21.45	21.54	21.60	
15	64QAM	1	0	21.56	21.80	21.82	22.2
15	64QAM	1	37	21.81	21.89	21.63	
15	64QAM	1	74	21.70	21.58	21.81	
15	64QAM	36	0	21.03	21.31	20.95	22.2
15	64QAM	36	20	21.07	21.13	21.02	
15	64QAM	36	39	21.03	20.85	21.05	
15	64QAM	75	0	21.00	20.99	21.04	
15	256QAM	1	0	19.76	19.65	19.68	20.7
15	256QAM	1	37	19.50	19.52	19.39	
15	256QAM	1	74	19.05	19.46	19.07	
15	256QAM	36	0	19.59	19.72	19.45	20.7
15	256QAM	36	20	19.35	19.55	19.26	

15	256QAM	36	39	19.30	19.52	19.15	
15	256QAM	75	0	19.20	19.48	19.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.39	21.89	21.73	22.2
10	QPSK	1	25	21.60	21.75	21.67	
10	QPSK	1	49	21.32	21.22	21.78	
10	QPSK	25	0	21.54	21.81	21.70	22.2
10	QPSK	25	12	21.63	21.70	21.65	
10	QPSK	25	25	21.50	21.50	21.71	
10	QPSK	50	0	21.51	21.61	21.64	
10	16QAM	1	0	21.70	21.84	21.78	22.2
10	16QAM	1	25	21.56	21.89	21.73	
10	16QAM	1	49	21.69	21.42	21.75	
10	16QAM	25	0	21.61	21.82	21.63	22.2
10	16QAM	25	12	21.50	21.63	21.67	
10	16QAM	25	25	21.46	21.47	21.65	
10	16QAM	50	0	21.59	21.68	21.65	
10	64QAM	1	0	21.70	21.80	21.74	22.2
10	64QAM	1	25	21.68	21.76	21.81	
10	64QAM	1	49	21.69	21.48	21.83	
10	64QAM	25	0	20.93	21.24	21.06	22.2
10	64QAM	25	12	21.10	21.11	21.07	
10	64QAM	25	25	21.03	20.82	20.99	
10	64QAM	50	0	20.88	20.89	21.00	
10	256QAM	1	0	19.72	19.67	19.68	20.7
10	256QAM	1	25	19.32	19.60	19.31	
10	256QAM	1	49	18.95	19.34	19.02	
10	256QAM	25	0	19.59	19.77	19.59	20.7
10	256QAM	25	12	19.34	19.45	19.34	
10	256QAM	25	25	19.17	19.61	19.14	
10	256QAM	50	0	19.33	19.38	19.45	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.53	21.78	21.73	22.2
5	QPSK	1	12	21.67	21.74	21.81	
5	QPSK	1	24	21.33	21.22	21.70	
5	QPSK	12	0	21.64	21.72	21.66	22.2
5	QPSK	12	7	21.69	21.66	21.58	
5	QPSK	12	13	21.52	21.52	21.65	
5	QPSK	25	0	21.59	21.60	21.58	
5	16QAM	1	0	21.65	21.81	21.75	22.2
5	16QAM	1	12	21.70	21.76	21.75	
5	16QAM	1	24	21.69	21.56	21.72	
5	16QAM	12	0	21.56	21.75	21.68	22.2
5	16QAM	12	7	21.50	21.70	21.68	
5	16QAM	12	13	21.49	21.50	21.72	
5	16QAM	25	0	21.53	21.58	21.61	
5	64QAM	1	0	21.59	21.75	21.74	22.2
5	64QAM	1	12	21.74	21.87	21.80	
5	64QAM	1	24	21.75	21.47	21.80	
5	64QAM	12	0	21.09	21.30	20.95	22.2
5	64QAM	12	7	21.03	21.06	21.02	
5	64QAM	12	13	20.99	20.98	21.12	
5	64QAM	25	0	21.01	20.88	21.02	
5	256QAM	1	0	19.73	19.70	19.65	20.7
5	256QAM	1	12	19.37	19.53	19.39	
5	256QAM	1	24	18.97	19.30	19.05	
5	256QAM	12	0	19.48	19.67	19.59	20.7
5	256QAM	12	7	19.40	19.63	19.41	
5	256QAM	12	13	19.20	19.58	19.23	
5	256QAM	25	0	19.29	19.47	19.30	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.44	21.89	21.55	22.2
3	QPSK	1	8	21.64	21.68	21.69	
3	QPSK	1	14	21.47	21.20	21.76	
3	QPSK	8	0	21.55	21.80	21.67	22.2
3	QPSK	8	4	21.71	21.64	21.58	
3	QPSK	8	7	21.59	21.45	21.66	
3	QPSK	15	0	21.56	21.59	21.75	
3	16QAM	1	0	21.72	21.88	21.81	22.2
3	16QAM	1	8	21.72	21.88	21.91	
3	16QAM	1	14	21.72	21.55	21.79	
3	16QAM	8	0	21.55	21.80	21.64	22.2
3	16QAM	8	4	21.59	21.59	21.51	
3	16QAM	8	7	21.65	21.43	21.60	
3	16QAM	15	0	21.54	21.66	21.56	
3	64QAM	1	0	21.57	21.79	21.72	22.2
3	64QAM	1	8	21.71	21.87	21.75	
3	64QAM	1	14	21.79	21.52	21.76	
3	64QAM	8	0	20.90	21.12	21.10	22.2
3	64QAM	8	4	21.08	21.07	20.98	
3	64QAM	8	7	20.95	20.90	20.97	
3	64QAM	15	0	20.95	20.99	21.06	
3	256QAM	1	0	19.68	19.66	19.67	20.7
3	256QAM	1	8	19.36	19.48	19.27	
3	256QAM	1	14	18.91	19.45	19.15	
3	256QAM	8	0	19.51	19.78	19.56	20.7
3	256QAM	8	4	19.45	19.63	19.28	
3	256QAM	8	7	19.17	19.55	19.16	
3	256QAM	15	0	19.36	19.56	19.40	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.52	21.78	21.57	22.2
1.4	QPSK	1	3	21.60	21.69	21.75	
1.4	QPSK	1	5	21.48	21.31	21.67	
1.4	QPSK	3	0	21.54	21.75	21.65	
1.4	QPSK	3	1	21.68	21.53	21.58	
1.4	QPSK	3	3	21.68	21.46	21.70	
1.4	QPSK	6	0	21.63	21.53	21.64	22.2
1.4	16QAM	1	0	21.70	21.72	21.85	22.2
1.4	16QAM	1	3	21.67	21.78	21.83	
1.4	16QAM	1	5	21.54	21.50	21.89	
1.4	16QAM	3	0	21.58	21.85	21.55	
1.4	16QAM	3	1	21.67	21.69	21.62	
1.4	16QAM	3	3	21.52	21.50	21.60	
1.4	16QAM	6	0	21.51	21.63	21.64	22.2
1.4	64QAM	1	0	21.66	21.85	21.70	22.2
1.4	64QAM	1	3	21.67	21.81	21.79	
1.4	64QAM	1	5	21.71	21.46	21.68	
1.4	64QAM	3	0	21.01	21.14	21.13	
1.4	64QAM	3	1	21.07	21.16	21.09	
1.4	64QAM	3	3	21.09	21.04	21.07	
1.4	64QAM	6	0	20.89	20.91	20.97	22.2
1.4	256QAM	1	0	19.61	19.76	19.81	20.7
1.4	256QAM	1	3	19.39	19.58	19.28	
1.4	256QAM	1	5	18.92	19.47	19.03	
1.4	256QAM	3	0	19.47	19.67	19.45	
1.4	256QAM	3	1	19.34	19.57	19.36	
1.4	256QAM	3	3	19.21	19.44	19.27	
1.4	256QAM	6	0	19.16	19.45	19.42	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.34	19.48	19.12	19.5
20	QPSK	1	49	18.77	19.33	18.82	
20	QPSK	1	99	18.95	19.22	18.94	
20	QPSK	50	0	18.88	19.38	19.12	19.5
20	QPSK	50	24	19.05	19.40	18.92	
20	QPSK	50	50	19.04	19.35	18.79	
20	QPSK	100	0	18.86	19.29	18.89	
20	16QAM	1	0	18.98	19.17	18.89	19.5
20	16QAM	1	49	19.09	19.22	18.74	
20	16QAM	1	99	18.84	19.40	18.83	
20	16QAM	50	0	19.07	19.28	18.93	19.5
20	16QAM	50	24	18.93	19.19	18.85	
20	16QAM	50	50	18.92	19.33	18.70	
20	16QAM	100	0	18.85	19.38	18.93	
20	64QAM	1	0	19.15	19.25	19.01	19.5
20	64QAM	1	49	19.05	19.21	18.95	
20	64QAM	1	99	19.10	19.06	18.81	
20	64QAM	50	0	18.86	19.30	19.05	19.5
20	64QAM	50	24	19.16	19.12	18.77	
20	64QAM	50	50	19.12	19.41	18.90	
20	64QAM	100	0	19.02	19.03	18.99	
20	256QAM	1	0	17.92	18.51	18.07	19.5
20	256QAM	1	49	17.70	18.56	18.01	
20	256QAM	1	99	17.76	18.20	17.67	
20	256QAM	50	0	17.95	18.26	17.86	19.5
20	256QAM	50	24	17.79	18.12	17.84	
20	256QAM	50	50	17.68	18.17	17.78	
20	256QAM	100	0	17.76	18.30	17.77	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.28	19.33	19.04	19.5
15	QPSK	1	37	18.94	19.45	19.07	
15	QPSK	1	74	19.12	19.29	19.01	
15	QPSK	36	0	19.04	19.43	19.06	19.5
15	QPSK	36	20	18.99	19.14	18.93	
15	QPSK	36	39	19.17	19.10	18.94	
15	QPSK	75	0	19.00	19.05	19.07	
15	16QAM	1	0	18.82	19.37	18.79	19.5
15	16QAM	1	37	19.06	19.25	18.73	
15	16QAM	1	74	18.88	19.33	18.91	
15	16QAM	36	0	19.20	19.30	18.99	19.5
15	16QAM	36	20	19.13	19.18	18.93	
15	16QAM	36	39	18.94	19.33	18.96	
15	16QAM	75	0	18.97	19.40	18.78	
15	64QAM	1	0	19.04	19.29	18.95	19.5
15	64QAM	1	37	18.88	19.30	18.82	
15	64QAM	1	74	19.02	19.13	18.84	
15	64QAM	36	0	19.01	19.39	18.77	19.5
15	64QAM	36	20	19.20	19.18	18.99	
15	64QAM	36	39	18.79	19.41	19.01	
15	64QAM	75	0	19.02	19.14	18.98	
15	256QAM	1	0	18.00	18.40	18.06	19.5
15	256QAM	1	37	17.89	18.43	18.18	
15	256QAM	1	74	17.79	18.27	17.77	
15	256QAM	36	0	17.67	18.21	17.76	19.5
15	256QAM	36	20	17.71	18.28	17.78	
15	256QAM	36	39	17.74	18.08	17.90	

15	256QAM	75	0	17.78	18.38	17.96	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.10	19.45	18.99	19.5
10	QPSK	1	25	18.93	19.42	18.81	
10	QPSK	1	49	18.93	19.20	18.97	
10	QPSK	25	0	19.00	19.26	19.03	19.5
10	QPSK	25	12	18.98	19.37	19.05	
10	QPSK	25	25	19.00	19.29	18.81	
10	QPSK	50	0	18.94	19.11	18.92	
10	16QAM	1	0	18.84	19.13	19.00	19.5
10	16QAM	1	25	19.09	19.19	18.73	
10	16QAM	1	49	18.77	19.37	18.87	
10	16QAM	25	0	18.98	19.34	18.89	19.5
10	16QAM	25	12	18.97	19.28	19.01	
10	16QAM	25	25	18.89	19.30	18.94	
10	16QAM	50	0	18.90	19.37	19.05	
10	64QAM	1	0	19.17	19.21	18.96	19.5
10	64QAM	1	25	19.05	19.37	19.01	
10	64QAM	1	49	18.91	19.07	18.80	
10	64QAM	25	0	18.80	19.27	19.02	19.5
10	64QAM	25	12	19.10	19.33	19.03	
10	64QAM	25	25	19.07	19.40	18.98	
10	64QAM	50	0	18.96	19.04	18.95	
10	256QAM	1	0	18.06	18.62	18.06	19.5
10	256QAM	1	25	17.74	18.36	18.01	
10	256QAM	1	49	17.82	18.24	17.81	
10	256QAM	25	0	17.89	18.44	17.95	19.5
10	256QAM	25	12	17.69	18.21	17.78	
10	256QAM	25	25	17.81	18.30	17.99	
10	256QAM	50	0	17.93	18.18	17.87	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.13	19.46	18.88	19.5
5	QPSK	1	12	19.00	19.25	18.91	
5	QPSK	1	24	18.94	19.37	19.00	
5	QPSK	12	0	19.08	19.45	19.03	19.5
5	QPSK	12	7	18.85	19.21	18.90	
5	QPSK	12	13	18.98	19.22	18.85	
5	QPSK	25	0	18.91	19.17	19.08	
5	16QAM	1	0	19.04	19.18	18.78	19.5
5	16QAM	1	12	18.99	19.32	18.91	
5	16QAM	1	24	18.96	19.36	18.85	
5	16QAM	12	0	19.15	19.21	18.89	19.5
5	16QAM	12	7	18.94	19.29	19.00	
5	16QAM	12	13	18.92	19.29	18.86	
5	16QAM	25	0	19.08	19.45	19.05	
5	64QAM	1	0	19.06	19.40	18.99	19.5
5	64QAM	1	12	18.95	19.26	18.71	
5	64QAM	1	24	19.15	19.26	19.00	
5	64QAM	12	0	18.88	19.17	18.90	19.5
5	64QAM	12	7	19.19	19.31	18.83	
5	64QAM	12	13	18.89	19.42	19.10	
5	64QAM	25	0	19.04	19.05	18.81	
5	256QAM	1	0	17.99	18.40	18.34	19.5
5	256QAM	1	12	17.75	18.47	17.98	
5	256QAM	1	24	17.81	18.29	17.68	
5	256QAM	12	0	17.70	18.40	17.80	19.5
5	256QAM	12	7	17.82	18.12	17.88	
5	256QAM	12	13	17.67	18.16	17.81	
5	256QAM	25	0	17.88	18.32	17.96	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.10	19.30	19.20	19.5
3	QPSK	1	8	19.05	19.47	18.95	
3	QPSK	1	14	19.15	19.41	18.95	
3	QPSK	8	0	19.10	19.35	18.95	19.5
3	QPSK	8	4	19.06	19.17	19.16	
3	QPSK	8	7	19.11	19.14	18.88	
3	QPSK	15	0	19.13	19.19	19.08	
3	16QAM	1	0	19.07	19.34	18.92	19.5
3	16QAM	1	8	19.15	19.14	18.97	
3	16QAM	1	14	18.95	19.45	18.96	
3	16QAM	8	0	19.06	19.40	19.04	19.5
3	16QAM	8	4	18.99	19.30	18.81	
3	16QAM	8	7	18.89	19.39	18.76	
3	16QAM	15	0	18.87	19.32	19.09	
3	64QAM	1	0	18.99	19.18	19.03	19.5
3	64QAM	1	8	18.96	19.20	18.83	
3	64QAM	1	14	18.86	19.01	18.92	
3	64QAM	8	0	18.71	19.14	18.94	19.5
3	64QAM	8	4	19.17	19.15	19.02	
3	64QAM	8	7	19.03	19.42	18.83	
3	64QAM	15	0	18.92	19.32	18.88	
3	256QAM	1	0	17.92	18.60	18.07	19.5
3	256QAM	1	8	17.78	18.57	18.10	
3	256QAM	1	14	17.68	18.23	17.80	
3	256QAM	8	0	17.73	18.36	17.69	19.5
3	256QAM	8	4	17.91	18.18	17.86	
3	256QAM	8	7	17.83	18.16	17.69	
3	256QAM	15	0	17.90	18.35	17.72	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.97	19.28	19.13	19.5
1.4	QPSK	1	3	18.96	19.37	18.99	
1.4	QPSK	1	5	19.09	19.25	19.12	
1.4	QPSK	3	0	18.93	19.33	18.92	
1.4	QPSK	3	1	18.90	19.36	19.11	
1.4	QPSK	3	3	19.13	19.19	18.83	
1.4	QPSK	6	0	18.96	19.19	19.01	19.5
1.4	16QAM	1	0	18.93	19.38	18.76	19.5
1.4	16QAM	1	3	19.05	19.37	18.89	
1.4	16QAM	1	5	18.89	19.43	19.09	
1.4	16QAM	3	0	19.00	19.41	18.90	
1.4	16QAM	3	1	19.02	19.30	18.93	
1.4	16QAM	3	3	18.91	19.28	18.79	
1.4	16QAM	6	0	18.87	19.37	18.94	19.5
1.4	64QAM	1	0	19.18	19.38	18.91	19.5
1.4	64QAM	1	3	19.10	19.13	18.85	
1.4	64QAM	1	5	19.10	19.14	18.90	
1.4	64QAM	3	0	18.94	19.25	18.98	
1.4	64QAM	3	1	18.93	19.15	19.14	
1.4	64QAM	3	3	19.01	19.43	18.96	
1.4	64QAM	6	0	19.00	19.19	19.05	19.5
1.4	256QAM	1	0	17.84	18.48	18.00	19.5
1.4	256QAM	1	3	17.69	18.65	17.98	
1.4	256QAM	1	5	17.71	18.22	17.84	
1.4	256QAM	3	0	17.85	18.28	17.93	
1.4	256QAM	3	1	17.78	18.25	17.71	
1.4	256QAM	3	3	17.74	18.29	17.73	
1.4	256QAM	6	0	17.83	18.32	17.90	19.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.20	20.47	20.10	21.7
20	QPSK	1	49	19.84	20.28	19.90	
20	QPSK	1	99	20.05	20.30	19.99	
20	QPSK	50	0	19.94	20.29	20.04	21.7
20	QPSK	50	24	20.02	20.38	19.97	
20	QPSK	50	50	20.04	20.28	19.89	
20	QPSK	100	0	19.91	20.31	19.88	
20	16QAM	1	0	19.90	20.19	19.97	21.7
20	16QAM	1	49	20.15	20.23	19.78	
20	16QAM	1	99	19.91	20.40	19.90	
20	16QAM	50	0	20.02	20.28	19.83	21.7
20	16QAM	50	24	19.96	20.24	19.89	
20	16QAM	50	50	19.96	20.33	19.75	
20	16QAM	100	0	19.93	20.34	19.97	
20	64QAM	1	0	20.20	20.33	19.92	21.7
20	64QAM	1	49	19.96	20.29	19.91	
20	64QAM	1	99	20.11	20.15	19.81	
20	64QAM	50	0	19.82	20.30	20.05	21.7
20	64QAM	50	24	20.17	20.20	19.85	
20	64QAM	50	50	20.04	20.36	19.89	
20	64QAM	100	0	20.03	20.13	19.96	
20	256QAM	1	0	18.92	19.46	19.07	20.7
20	256QAM	1	49	18.75	19.51	19.11	
20	256QAM	1	99	18.76	19.18	18.74	
20	256QAM	50	0	18.88	19.34	18.78	20.7
20	256QAM	50	24	18.83	19.18	18.89	
20	256QAM	50	50	18.71	19.19	18.76	
20	256QAM	100	0	18.74	19.38	18.74	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.18	20.31	19.99	21.7
15	QPSK	1	37	19.87	20.38	20.05	
15	QPSK	1	74	20.07	20.26	20.10	
15	QPSK	36	0	20.01	20.39	20.10	21.7
15	QPSK	36	20	19.95	20.24	19.97	
15	QPSK	36	39	20.10	20.20	19.88	
15	QPSK	75	0	20.08	20.13	20.04	
15	16QAM	1	0	19.91	20.32	19.82	21.7
15	16QAM	1	37	20.08	20.28	19.81	
15	16QAM	1	74	19.98	20.27	19.93	
15	16QAM	36	0	20.12	20.38	20.02	21.7
15	16QAM	36	20	20.05	20.20	19.91	
15	16QAM	36	39	19.84	20.37	19.88	
15	16QAM	75	0	19.93	20.35	19.86	
15	64QAM	1	0	20.02	20.32	20.02	21.7
15	64QAM	1	37	19.94	20.30	19.85	
15	64QAM	1	74	20.05	20.19	19.76	
15	64QAM	36	0	19.99	20.35	19.87	21.7
15	64QAM	36	20	20.13	20.22	19.90	
15	64QAM	36	39	19.88	20.38	19.91	
15	64QAM	75	0	20.00	20.23	20.02	
15	256QAM	1	0	18.94	19.44	19.09	20.7
15	256QAM	1	37	18.79	19.46	19.09	
15	256QAM	1	74	18.89	19.32	18.82	
15	256QAM	36	0	18.74	19.26	18.84	20.7
15	256QAM	36	20	18.78	19.37	18.85	
15	256QAM	36	39	18.70	19.17	18.89	

15	256QAM	75	0	18.76	19.42	18.92	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.10	20.41	19.96	21.7
10	QPSK	1	25	20.02	20.33	19.91	
10	QPSK	1	49	19.96	20.19	19.95	
10	QPSK	25	0	19.92	20.25	19.94	21.7
10	QPSK	25	12	19.93	20.31	19.99	
10	QPSK	25	25	20.03	20.19	19.86	
10	QPSK	50	0	19.98	20.14	19.84	
10	16QAM	1	0	19.89	20.22	19.97	21.7
10	16QAM	1	25	20.16	20.22	19.82	
10	16QAM	1	49	19.84	20.40	19.91	
10	16QAM	25	0	20.00	20.26	19.87	21.7
10	16QAM	25	12	20.01	20.23	19.94	
10	16QAM	25	25	19.99	20.22	19.93	
10	16QAM	50	0	19.97	20.44	19.99	
10	64QAM	1	0	20.12	20.23	20.00	21.7
10	64QAM	1	25	19.95	20.28	19.95	
10	64QAM	1	49	19.98	20.15	19.80	
10	64QAM	25	0	19.82	20.32	20.00	21.7
10	64QAM	25	12	20.09	20.28	19.97	
10	64QAM	25	25	20.01	20.33	19.94	
10	64QAM	50	0	20.00	20.13	19.91	
10	256QAM	1	0	19.02	19.59	19.05	20.7
10	256QAM	1	25	18.83	19.46	18.94	
10	256QAM	1	49	18.87	19.28	18.89	
10	256QAM	25	0	18.79	19.44	18.86	20.7
10	256QAM	25	12	18.78	19.25	18.88	
10	256QAM	25	25	18.75	19.28	18.90	
10	256QAM	50	0	18.87	19.28	18.79	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.03	20.46	19.91	21.7
5	QPSK	1	12	19.99	20.34	19.89	
5	QPSK	1	24	19.98	20.27	20.08	
5	QPSK	12	0	20.04	20.44	20.09	21.7
5	QPSK	12	7	19.93	20.25	19.97	
5	QPSK	12	13	20.06	20.29	19.87	
5	QPSK	25	0	19.96	20.15	20.02	
5	16QAM	1	0	20.06	20.16	19.78	21.7
5	16QAM	1	12	20.03	20.35	19.82	
5	16QAM	1	24	20.00	20.29	19.92	
5	16QAM	12	0	20.09	20.27	19.91	21.7
5	16QAM	12	7	20.02	20.20	19.91	
5	16QAM	12	13	19.87	20.38	19.91	
5	16QAM	25	0	19.98	20.45	19.97	
5	64QAM	1	0	20.13	20.37	20.03	21.7
5	64QAM	1	12	19.88	20.33	19.81	
5	64QAM	1	24	20.08	20.21	19.93	
5	64QAM	12	0	19.88	20.20	19.90	21.7
5	64QAM	12	7	20.10	20.29	19.92	
5	64QAM	12	13	19.98	20.46	20.02	
5	64QAM	25	0	19.96	20.13	19.88	
5	256QAM	1	0	18.92	19.49	19.25	20.7
5	256QAM	1	12	18.78	19.51	19.03	
5	256QAM	1	24	18.88	19.32	18.71	
5	256QAM	12	0	18.70	19.36	18.89	20.7
5	256QAM	12	7	18.74	19.18	18.78	
5	256QAM	12	13	18.70	19.17	18.73	
5	256QAM	25	0	18.84	19.39	18.89	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.00	20.38	20.11	21.7
3	QPSK	1	8	20.03	20.42	19.87	
3	QPSK	1	14	20.10	20.35	19.97	
3	QPSK	8	0	20.02	20.41	20.01	21.7
3	QPSK	8	4	20.07	20.27	20.07	
3	QPSK	8	7	20.05	20.20	19.98	
3	QPSK	15	0	20.10	20.25	20.00	
3	16QAM	1	0	20.04	20.33	19.97	21.7
3	16QAM	1	8	20.06	20.24	19.92	
3	16QAM	1	14	19.96	20.41	19.94	
3	16QAM	8	0	20.16	20.31	20.00	21.7
3	16QAM	8	4	20.08	20.33	19.88	
3	16QAM	8	7	19.96	20.35	19.74	
3	16QAM	15	0	19.87	20.27	20.03	
3	64QAM	1	0	20.01	20.21	19.93	21.7
3	64QAM	1	8	19.95	20.25	19.92	
3	64QAM	1	14	19.93	20.08	19.90	
3	64QAM	8	0	19.81	20.24	19.91	21.7
3	64QAM	8	4	20.12	20.13	19.99	
3	64QAM	8	7	19.96	20.37	19.91	
3	64QAM	15	0	19.99	20.23	19.89	
3	256QAM	1	0	18.98	19.58	19.07	20.7
3	256QAM	1	8	18.77	19.48	19.01	
3	256QAM	1	14	18.71	19.31	18.82	
3	256QAM	8	0	18.83	19.46	18.77	20.7
3	256QAM	8	4	18.87	19.20	18.84	
3	256QAM	8	7	18.73	19.23	18.78	
3	256QAM	15	0	18.84	19.29	18.79	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.06	20.30	20.07	21.7
1.4	QPSK	1	3	19.89	20.33	20.02	
1.4	QPSK	1	5	20.02	20.32	20.03	
1.4	QPSK	3	0	19.94	20.25	19.91	
1.4	QPSK	3	1	19.93	20.37	20.03	
1.4	QPSK	3	3	20.09	20.22	19.88	
1.4	QPSK	6	0	19.95	20.17	19.92	21.7
1.4	16QAM	1	0	19.96	20.35	19.79	21.7
1.4	16QAM	1	3	20.08	20.35	19.80	
1.4	16QAM	1	5	19.93	20.40	20.01	
1.4	16QAM	3	0	20.05	20.33	19.87	
1.4	16QAM	3	1	20.04	20.35	19.95	
1.4	16QAM	3	3	19.93	20.21	19.81	
1.4	16QAM	6	0	19.95	20.29	19.86	21.7
1.4	64QAM	1	0	20.12	20.30	19.94	21.7
1.4	64QAM	1	3	20.08	20.21	19.78	
1.4	64QAM	1	5	20.04	20.14	19.93	
1.4	64QAM	3	0	19.89	20.34	19.98	
1.4	64QAM	3	1	19.98	20.25	20.04	
1.4	64QAM	3	3	19.98	20.45	19.93	
1.4	64QAM	6	0	19.93	20.21	20.02	21.7
1.4	256QAM	1	0	18.90	19.43	19.08	20.7
1.4	256QAM	1	3	18.79	19.57	18.93	
1.4	256QAM	1	5	18.80	19.22	18.74	
1.4	256QAM	3	0	18.78	19.28	18.84	
1.4	256QAM	3	1	18.88	19.17	18.79	
1.4	256QAM	3	3	18.82	19.21	18.80	
1.4	256QAM	6	0	18.87	19.25	18.93	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.20	20.47	20.10	20.9
20	QPSK	1	49	19.84	20.28	19.90	
20	QPSK	1	99	20.05	20.30	19.99	
20	QPSK	50	0	19.94	20.29	20.04	20.9
20	QPSK	50	24	20.02	20.38	19.97	
20	QPSK	50	50	20.04	20.28	19.89	
20	QPSK	100	0	19.91	20.31	19.88	
20	16QAM	1	0	19.90	20.19	19.97	20.9
20	16QAM	1	49	20.15	20.23	19.78	
20	16QAM	1	99	19.91	20.40	19.90	
20	16QAM	50	0	20.02	20.28	19.83	20.9
20	16QAM	50	24	19.96	20.24	19.89	
20	16QAM	50	50	19.96	20.33	19.75	
20	16QAM	100	0	19.93	20.34	19.97	
20	64QAM	1	0	20.20	20.33	19.92	20.9
20	64QAM	1	49	19.96	20.29	19.91	
20	64QAM	1	99	20.11	20.15	19.81	
20	64QAM	50	0	19.82	20.30	20.05	20.9
20	64QAM	50	24	20.17	20.20	19.85	
20	64QAM	50	50	20.04	20.36	19.89	
20	64QAM	100	0	20.03	20.13	19.96	
20	256QAM	1	0	18.92	19.46	19.07	20.7
20	256QAM	1	49	18.75	19.51	19.11	
20	256QAM	1	99	18.76	19.18	18.74	
20	256QAM	50	0	18.88	19.34	18.78	20.7
20	256QAM	50	24	18.83	19.18	18.89	
20	256QAM	50	50	18.71	19.19	18.76	
20	256QAM	100	0	18.74	19.38	18.74	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.18	20.31	19.99	20.9
15	QPSK	1	37	19.87	20.38	20.05	
15	QPSK	1	74	20.07	20.26	20.10	
15	QPSK	36	0	20.01	20.39	20.10	20.9
15	QPSK	36	20	19.95	20.24	19.97	
15	QPSK	36	39	20.10	20.20	19.88	
15	QPSK	75	0	20.08	20.13	20.04	
15	16QAM	1	0	19.91	20.32	19.82	20.9
15	16QAM	1	37	20.08	20.28	19.81	
15	16QAM	1	74	19.98	20.27	19.93	
15	16QAM	36	0	20.12	20.38	20.02	20.9
15	16QAM	36	20	20.05	20.20	19.91	
15	16QAM	36	39	19.84	20.37	19.88	
15	16QAM	75	0	19.93	20.35	19.86	
15	64QAM	1	0	20.02	20.32	20.02	20.9
15	64QAM	1	37	19.94	20.30	19.85	
15	64QAM	1	74	20.05	20.19	19.76	
15	64QAM	36	0	19.99	20.35	19.87	20.9
15	64QAM	36	20	20.13	20.22	19.90	
15	64QAM	36	39	19.88	20.38	19.91	
15	64QAM	75	0	20.00	20.23	20.02	
15	256QAM	1	0	18.94	19.44	19.09	20.7
15	256QAM	1	37	18.79	19.46	19.09	
15	256QAM	1	74	18.89	19.32	18.82	
15	256QAM	36	0	18.74	19.26	18.84	20.7
15	256QAM	36	20	18.78	19.37	18.85	
15	256QAM	36	39	18.70	19.17	18.89	

15	256QAM	75	0	18.76	19.42	18.92	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.10	20.41	19.96	20.9
10	QPSK	1	25	20.02	20.33	19.91	
10	QPSK	1	49	19.96	20.19	19.95	
10	QPSK	25	0	19.92	20.25	19.94	20.9
10	QPSK	25	12	19.93	20.31	19.99	
10	QPSK	25	25	20.03	20.19	19.86	
10	QPSK	50	0	19.98	20.14	19.84	
10	16QAM	1	0	19.89	20.22	19.97	20.9
10	16QAM	1	25	20.16	20.22	19.82	
10	16QAM	1	49	19.84	20.40	19.91	
10	16QAM	25	0	20.00	20.26	19.87	20.9
10	16QAM	25	12	20.01	20.23	19.94	
10	16QAM	25	25	19.99	20.22	19.93	
10	16QAM	50	0	19.97	20.44	19.99	
10	64QAM	1	0	20.12	20.23	20.00	20.9
10	64QAM	1	25	19.95	20.28	19.95	
10	64QAM	1	49	19.98	20.15	19.80	
10	64QAM	25	0	19.82	20.32	20.00	20.9
10	64QAM	25	12	20.09	20.28	19.97	
10	64QAM	25	25	20.01	20.33	19.94	
10	64QAM	50	0	20.00	20.13	19.91	
10	256QAM	1	0	19.02	19.59	19.05	20.7
10	256QAM	1	25	18.83	19.46	18.94	
10	256QAM	1	49	18.87	19.28	18.89	
10	256QAM	25	0	18.79	19.44	18.86	20.7
10	256QAM	25	12	18.78	19.25	18.88	
10	256QAM	25	25	18.75	19.28	18.90	
10	256QAM	50	0	18.87	19.28	18.79	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.03	20.46	19.91	20.9
5	QPSK	1	12	19.99	20.34	19.89	
5	QPSK	1	24	19.98	20.27	20.08	
5	QPSK	12	0	20.04	20.44	20.09	20.9
5	QPSK	12	7	19.93	20.25	19.97	
5	QPSK	12	13	20.06	20.29	19.87	
5	QPSK	25	0	19.96	20.15	20.02	
5	16QAM	1	0	20.06	20.16	19.78	20.9
5	16QAM	1	12	20.03	20.35	19.82	
5	16QAM	1	24	20.00	20.29	19.92	
5	16QAM	12	0	20.09	20.27	19.91	20.9
5	16QAM	12	7	20.02	20.20	19.91	
5	16QAM	12	13	19.87	20.38	19.91	
5	16QAM	25	0	19.98	20.45	19.97	
5	64QAM	1	0	20.13	20.37	20.03	20.9
5	64QAM	1	12	19.88	20.33	19.81	
5	64QAM	1	24	20.08	20.21	19.93	
5	64QAM	12	0	19.88	20.20	19.90	20.9
5	64QAM	12	7	20.10	20.29	19.92	
5	64QAM	12	13	19.98	20.46	20.02	
5	64QAM	25	0	19.96	20.13	19.88	
5	256QAM	1	0	18.92	19.49	19.25	20.7
5	256QAM	1	12	18.78	19.51	19.03	
5	256QAM	1	24	18.88	19.32	18.71	
5	256QAM	12	0	18.70	19.36	18.89	20.7
5	256QAM	12	7	18.74	19.18	18.78	
5	256QAM	12	13	18.70	19.17	18.73	
5	256QAM	25	0	18.84	19.39	18.89	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.00	20.38	20.11	20.9
3	QPSK	1	8	20.03	20.42	19.87	
3	QPSK	1	14	20.10	20.35	19.97	
3	QPSK	8	0	20.02	20.41	20.01	20.9
3	QPSK	8	4	20.07	20.27	20.07	
3	QPSK	8	7	20.05	20.20	19.98	
3	QPSK	15	0	20.10	20.25	20.00	
3	16QAM	1	0	20.04	20.33	19.97	20.9
3	16QAM	1	8	20.06	20.24	19.92	
3	16QAM	1	14	19.96	20.41	19.94	
3	16QAM	8	0	20.16	20.31	20.00	20.9
3	16QAM	8	4	20.08	20.33	19.88	
3	16QAM	8	7	19.96	20.35	19.74	
3	16QAM	15	0	19.87	20.27	20.03	
3	64QAM	1	0	20.01	20.21	19.93	20.9
3	64QAM	1	8	19.95	20.25	19.92	
3	64QAM	1	14	19.93	20.08	19.90	
3	64QAM	8	0	19.81	20.24	19.91	20.9
3	64QAM	8	4	20.12	20.13	19.99	
3	64QAM	8	7	19.96	20.37	19.91	
3	64QAM	15	0	19.99	20.23	19.89	
3	256QAM	1	0	18.98	19.58	19.07	20.7
3	256QAM	1	8	18.77	19.48	19.01	
3	256QAM	1	14	18.71	19.31	18.82	
3	256QAM	8	0	18.83	19.46	18.77	20.7
3	256QAM	8	4	18.87	19.20	18.84	
3	256QAM	8	7	18.73	19.23	18.78	
3	256QAM	15	0	18.84	19.29	18.79	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.06	20.30	20.07	20.9
1.4	QPSK	1	3	19.89	20.33	20.02	
1.4	QPSK	1	5	20.02	20.32	20.03	
1.4	QPSK	3	0	19.94	20.25	19.91	
1.4	QPSK	3	1	19.93	20.37	20.03	
1.4	QPSK	3	3	20.09	20.22	19.88	
1.4	QPSK	6	0	19.95	20.17	19.92	20.9
1.4	16QAM	1	0	19.96	20.35	19.79	20.9
1.4	16QAM	1	3	20.08	20.35	19.80	
1.4	16QAM	1	5	19.93	20.40	20.01	
1.4	16QAM	3	0	20.05	20.33	19.87	
1.4	16QAM	3	1	20.04	20.35	19.95	
1.4	16QAM	3	3	19.93	20.21	19.81	
1.4	16QAM	6	0	19.95	20.29	19.86	20.9
1.4	64QAM	1	0	20.12	20.30	19.94	20.9
1.4	64QAM	1	3	20.08	20.21	19.78	
1.4	64QAM	1	5	20.04	20.14	19.93	
1.4	64QAM	3	0	19.89	20.34	19.98	
1.4	64QAM	3	1	19.98	20.25	20.04	
1.4	64QAM	3	3	19.98	20.45	19.93	
1.4	64QAM	6	0	19.93	20.21	20.02	20.9
1.4	256QAM	1	0	18.90	19.43	19.08	20.7
1.4	256QAM	1	3	18.79	19.57	18.93	
1.4	256QAM	1	5	18.80	19.22	18.74	
1.4	256QAM	3	0	18.78	19.28	18.84	
1.4	256QAM	3	1	18.88	19.17	18.79	
1.4	256QAM	3	3	18.82	19.21	18.80	
1.4	256QAM	6	0	18.87	19.25	18.93	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.41	24.76	24.53	25.7
20	QPSK	1	49	24.39	24.47	24.28	
20	QPSK	1	99	24.35	24.23	24.47	
20	QPSK	50	0	23.52	23.71	23.39	24.7
20	QPSK	50	24	23.47	23.57	23.35	
20	QPSK	50	50	23.44	23.39	23.32	
20	QPSK	100	0	23.50	23.56	23.43	
20	16QAM	1	0	23.75	24.13	23.69	24.7
20	16QAM	1	49	23.84	23.74	23.47	
20	16QAM	1	99	23.82	23.52	23.69	
20	16QAM	50	0	22.52	22.74	22.40	23.7
20	16QAM	50	24	22.58	22.61	22.37	
20	16QAM	50	50	22.58	22.46	22.40	
20	16QAM	100	0	22.50	22.58	22.38	
20	64QAM	1	0	22.38	23.13	22.68	23.7
20	64QAM	1	49	22.59	22.76	22.38	
20	64QAM	1	99	22.64	22.50	22.62	
20	64QAM	50	0	21.54	21.77	21.42	22.7
20	64QAM	50	24	21.61	21.65	21.40	
20	64QAM	50	50	21.60	21.49	21.43	
20	64QAM	100	0	21.56	21.60	21.40	
20	256QAM	1	0	19.30	19.90	19.49	20.7
20	256QAM	1	49	19.02	19.67	19.18	
20	256QAM	1	99	18.74	19.43	19.02	
20	256QAM	50	0	19.05	19.72	19.22	20.7
20	256QAM	50	24	18.96	19.60	19.18	
20	256QAM	50	50	18.80	19.45	18.96	
20	256QAM	100	0	18.91	19.56	19.12	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.36	24.67	24.35	25.7
15	QPSK	1	37	24.27	24.40	24.20	
15	QPSK	1	74	24.24	24.15	24.46	
15	QPSK	36	0	23.32	23.69	23.29	24.7
15	QPSK	36	20	23.37	23.56	23.35	
15	QPSK	36	39	23.33	23.19	23.24	
15	QPSK	75	0	23.49	23.55	23.32	
15	16QAM	1	0	23.58	24.04	23.50	24.7
15	16QAM	1	37	23.77	23.65	23.47	
15	16QAM	1	74	23.76	23.41	23.52	
15	16QAM	36	0	22.44	22.60	22.29	23.7
15	16QAM	36	20	22.56	22.53	22.27	
15	16QAM	36	39	22.46	22.33	22.33	
15	16QAM	75	0	22.36	22.39	22.22	
15	64QAM	1	0	22.25	23.09	22.55	23.7
15	64QAM	1	37	22.55	22.70	22.22	
15	64QAM	1	74	22.58	22.41	22.56	
15	64QAM	36	0	21.49	21.70	21.34	22.7
15	64QAM	36	20	21.51	21.56	21.36	
15	64QAM	36	39	21.57	21.31	21.41	
15	64QAM	75	0	21.37	21.42	21.39	
15	256QAM	1	0	19.12	19.72	19.35	20.7
15	256QAM	1	37	18.97	19.66	19.18	
15	256QAM	1	74	18.74	19.41	18.91	
15	256QAM	36	0	18.99	19.53	19.02	20.7
15	256QAM	36	20	18.92	19.53	19.13	
15	256QAM	36	39	18.75	19.43	18.80	

15	256QAM	75	0	18.87	19.55	18.99	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.24	24.74	24.40	25.7
10	QPSK	1	25	24.31	24.36	24.14	
10	QPSK	1	49	24.21	24.15	24.33	
10	QPSK	25	0	23.34	23.57	23.27	24.7
10	QPSK	25	12	23.30	23.38	23.17	
10	QPSK	25	25	23.28	23.29	23.30	
10	QPSK	50	0	23.50	23.48	23.27	
10	16QAM	1	0	23.57	24.03	23.50	24.7
10	16QAM	1	25	23.70	23.74	23.35	
10	16QAM	1	49	23.76	23.46	23.52	
10	16QAM	25	0	22.51	22.58	22.32	23.7
10	16QAM	25	12	22.46	22.59	22.30	
10	16QAM	25	25	22.55	22.34	22.34	
10	16QAM	50	0	22.31	22.53	22.24	
10	64QAM	1	0	22.34	23.10	22.59	23.7
10	64QAM	1	25	22.42	22.72	22.26	
10	64QAM	1	49	22.60	22.40	22.49	
10	64QAM	25	0	21.34	21.73	21.32	22.7
10	64QAM	25	12	21.55	21.65	21.30	
10	64QAM	25	25	21.42	21.37	21.43	
10	64QAM	50	0	21.46	21.40	21.20	
10	256QAM	1	0	19.19	19.71	19.32	20.7
10	256QAM	1	25	18.87	19.62	19.04	
10	256QAM	1	49	18.72	19.39	19.02	
10	256QAM	25	0	19.01	19.67	19.13	20.7
10	256QAM	25	12	18.86	19.56	19.15	
10	256QAM	25	25	18.76	19.40	18.93	
10	256QAM	50	0	18.90	19.46	19.06	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.41	24.59	24.50	25.7
5	QPSK	1	12	24.23	24.30	24.24	
5	QPSK	1	24	24.17	24.04	24.40	
5	QPSK	12	0	23.47	23.60	23.37	24.7
5	QPSK	12	7	23.46	23.48	23.21	
5	QPSK	12	13	23.38	23.31	23.28	
5	QPSK	25	0	23.49	23.36	23.37	
5	16QAM	1	0	23.56	24.03	23.62	24.7
5	16QAM	1	12	23.76	23.59	23.47	
5	16QAM	1	24	23.77	23.48	23.62	
5	16QAM	12	0	22.38	22.69	22.22	23.7
5	16QAM	12	7	22.39	22.45	22.35	
5	16QAM	12	13	22.48	22.28	22.37	
5	16QAM	25	0	22.38	22.42	22.25	
5	64QAM	1	0	22.31	22.99	22.57	23.7
5	64QAM	1	12	22.41	22.58	22.21	
5	64QAM	1	24	22.62	22.44	22.57	
5	64QAM	12	0	21.44	21.59	21.27	22.7
5	64QAM	12	7	21.49	21.56	21.29	
5	64QAM	12	13	21.60	21.49	21.43	
5	64QAM	25	0	21.53	21.57	21.39	
5	256QAM	1	0	19.29	19.88	19.31	20.7
5	256QAM	1	12	18.89	19.51	19.11	
5	256QAM	1	24	18.78	19.41	19.01	
5	256QAM	12	0	18.94	19.54	19.02	20.7
5	256QAM	12	7	18.77	19.54	19.13	
5	256QAM	12	13	18.73	19.34	18.84	
5	256QAM	25	0	18.84	19.56	18.92	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.37	24.65	24.48	25.7
3	QPSK	1	8	24.34	24.39	24.26	
3	QPSK	1	14	24.16	24.16	24.44	
3	QPSK	8	0	23.40	23.66	23.30	24.7
3	QPSK	8	4	23.30	23.39	23.30	
3	QPSK	8	7	23.33	23.32	23.12	
3	QPSK	15	0	23.32	23.45	23.42	
3	16QAM	1	0	23.59	24.03	23.62	24.7
3	16QAM	1	8	23.79	23.63	23.28	
3	16QAM	1	14	23.65	23.39	23.62	
3	16QAM	8	0	22.45	22.58	22.28	23.7
3	16QAM	8	4	22.45	22.45	22.33	
3	16QAM	8	7	22.44	22.43	22.40	
3	16QAM	15	0	22.39	22.38	22.35	
3	64QAM	1	0	22.21	23.06	22.63	23.7
3	64QAM	1	8	22.50	22.62	22.31	
3	64QAM	1	14	22.56	22.35	22.49	
3	64QAM	8	0	21.40	21.66	21.36	22.7
3	64QAM	8	4	21.61	21.59	21.20	
3	64QAM	8	7	21.58	21.39	21.41	
3	64QAM	15	0	21.48	21.55	21.26	
3	256QAM	1	0	19.16	19.73	19.45	20.7
3	256QAM	1	8	18.89	19.49	19.15	
3	256QAM	1	14	18.72	19.40	19.01	
3	256QAM	8	0	18.87	19.60	19.18	20.7
3	256QAM	8	4	18.81	19.45	19.16	
3	256QAM	8	7	18.70	19.26	18.77	
3	256QAM	15	0	18.73	19.54	19.03	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.22	24.65	24.52	25.7
1.4	QPSK	1	3	24.27	24.40	24.12	
1.4	QPSK	1	5	24.28	24.07	24.27	
1.4	QPSK	3	0	24.31	24.66	24.39	
1.4	QPSK	3	1	24.37	24.28	24.15	
1.4	QPSK	3	3	24.22	24.10	24.41	
1.4	QPSK	6	0	23.36	23.57	23.37	24.7
1.4	16QAM	1	0	23.31	23.52	23.24	24.7
1.4	16QAM	1	3	23.44	23.29	23.21	
1.4	16QAM	1	5	23.39	23.39	23.31	
1.4	16QAM	3	0	23.62	23.99	23.69	
1.4	16QAM	3	1	23.76	23.67	23.27	
1.4	16QAM	3	3	23.78	23.37	23.63	
1.4	16QAM	6	0	22.41	22.62	22.31	23.7
1.4	64QAM	1	0	22.38	22.47	22.24	23.7
1.4	64QAM	1	3	22.57	22.29	22.21	
1.4	64QAM	1	5	22.42	22.55	22.27	
1.4	64QAM	3	0	22.29	23.03	22.68	
1.4	64QAM	3	1	22.48	22.71	22.19	
1.4	64QAM	3	3	22.56	22.45	22.50	
1.4	64QAM	6	0	21.46	21.59	21.38	22.7
1.4	256QAM	1	0	19.12	19.81	19.29	20.7
1.4	256QAM	1	3	18.88	19.53	19.17	
1.4	256QAM	1	5	18.71	19.40	18.99	
1.4	256QAM	3	0	19.01	19.70	19.14	
1.4	256QAM	3	1	18.92	19.43	19.08	
1.4	256QAM	3	3	18.70	19.41	18.78	
1.4	256QAM	6	0	18.72	19.53	19.06	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.09	23.75	23.06	24.1
20	QPSK	1	49	23.06	23.57	23.04	
20	QPSK	1	99	23.08	23.48	22.96	
20	QPSK	50	0	23.37	23.47	23.38	24.1
20	QPSK	50	24	23.06	23.23	23.14	
20	QPSK	50	50	23.20	23.08	22.99	
20	QPSK	100	0	23.14	23.35	23.16	
20	16QAM	1	0	23.02	23.69	22.96	24.1
20	16QAM	1	49	23.00	23.62	23.00	
20	16QAM	1	99	22.92	23.63	23.16	
20	16QAM	50	0	22.15	22.42	22.05	23.7
20	16QAM	50	24	22.18	22.37	22.24	
20	16QAM	50	50	22.42	22.05	22.27	
20	16QAM	100	0	22.26	22.44	22.14	
20	64QAM	1	0	22.17	22.82	22.15	23.7
20	64QAM	1	49	22.40	22.53	22.19	
20	64QAM	1	99	22.36	22.18	22.37	
20	64QAM	50	0	21.21	21.60	21.08	22.7
20	64QAM	50	24	21.16	21.48	21.08	
20	64QAM	50	50	21.32	21.13	21.47	
20	64QAM	100	0	21.05	21.45	21.19	
20	256QAM	1	0	19.39	19.75	19.28	20.7
20	256QAM	1	49	19.03	19.29	19.06	
20	256QAM	1	99	18.86	19.15	18.84	
20	256QAM	50	0	19.06	19.54	18.96	20.7
20	256QAM	50	24	18.89	19.29	18.91	
20	256QAM	50	50	18.90	19.19	18.86	
20	256QAM	100	0	19.10	19.19	18.80	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.12	23.63	23.13	24.1
15	QPSK	1	37	23.03	23.69	23.13	
15	QPSK	1	74	23.04	23.54	22.99	
15	QPSK	36	0	23.35	23.46	23.25	24.1
15	QPSK	36	20	22.98	23.27	23.12	
15	QPSK	36	39	23.02	23.28	23.09	
15	QPSK	75	0	23.12	23.30	23.14	
15	16QAM	1	0	23.15	23.59	22.98	24.1
15	16QAM	1	37	23.08	23.73	23.05	
15	16QAM	1	74	23.01	23.58	23.20	
15	16QAM	36	0	22.22	22.30	22.05	23.7
15	16QAM	36	20	22.08	22.46	22.09	
15	16QAM	36	39	22.32	22.06	22.19	
15	16QAM	75	0	22.25	22.29	22.25	
15	64QAM	1	0	22.13	22.69	22.14	23.7
15	64QAM	1	37	22.35	22.54	22.11	
15	64QAM	1	74	22.34	22.36	22.34	
15	64QAM	36	0	21.17	21.66	21.05	22.7
15	64QAM	36	20	21.36	21.45	21.14	
15	64QAM	36	39	21.39	21.20	21.45	
15	64QAM	75	0	21.19	21.40	21.15	
15	256QAM	1	0	19.30	19.64	19.35	20.7
15	256QAM	1	37	19.00	19.37	18.94	
15	256QAM	1	74	18.97	19.28	18.72	
15	256QAM	36	0	19.09	19.70	19.06	20.7
15	256QAM	36	20	18.91	19.19	18.80	
15	256QAM	36	39	18.76	19.31	18.71	

15	256QAM	75	0	19.14	19.35	18.87	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.16	23.70	23.12	24.1
10	QPSK	1	25	22.90	23.59	23.13	
10	QPSK	1	49	22.97	23.59	23.07	
10	QPSK	25	0	23.31	23.36	23.29	24.1
10	QPSK	25	12	23.04	23.17	23.08	
10	QPSK	25	25	23.06	23.15	23.02	
10	QPSK	50	0	23.05	23.33	23.12	
10	16QAM	1	0	23.18	23.69	23.12	24.1
10	16QAM	1	25	22.94	23.61	23.00	
10	16QAM	1	49	22.90	23.63	23.13	
10	16QAM	25	0	22.24	22.35	22.08	23.7
10	16QAM	25	12	22.16	22.47	22.09	
10	16QAM	25	25	22.26	22.16	22.12	
10	16QAM	50	0	22.21	22.34	22.29	
10	64QAM	1	0	22.09	22.68	22.20	23.7
10	64QAM	1	25	22.38	22.59	22.00	
10	64QAM	1	49	22.35	22.26	22.23	
10	64QAM	25	0	21.33	21.63	21.17	22.7
10	64QAM	25	12	21.25	21.29	21.12	
10	64QAM	25	25	21.37	21.09	21.35	
10	64QAM	50	0	21.18	21.43	21.13	
10	256QAM	1	0	19.41	19.84	19.36	20.7
10	256QAM	1	25	19.05	19.39	19.03	
10	256QAM	1	49	18.94	19.14	18.86	
10	256QAM	25	0	19.09	19.59	18.96	20.7
10	256QAM	25	12	18.86	19.23	18.77	
10	256QAM	25	25	18.94	19.32	18.77	
10	256QAM	50	0	19.12	19.32	18.88	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.17	23.74	23.09	24.1
5	QPSK	1	12	22.92	23.62	23.10	
5	QPSK	1	24	23.11	23.46	22.95	
5	QPSK	12	0	23.35	23.36	23.42	24.1
5	QPSK	12	7	23.15	23.12	23.15	
5	QPSK	12	13	23.12	23.23	23.12	
5	QPSK	25	0	23.09	23.30	23.17	
5	16QAM	1	0	23.06	23.68	23.00	24.1
5	16QAM	1	12	23.10	23.74	23.08	
5	16QAM	1	24	22.90	23.68	23.04	
5	16QAM	12	0	22.30	22.37	22.06	23.7
5	16QAM	12	7	22.21	22.46	22.08	
5	16QAM	12	13	22.39	22.08	22.15	
5	16QAM	25	0	22.28	22.32	22.12	
5	64QAM	1	0	22.27	22.74	22.30	23.7
5	64QAM	1	12	22.48	22.72	22.07	
5	64QAM	1	24	22.28	22.36	22.29	
5	64QAM	12	0	21.25	21.63	21.15	22.7
5	64QAM	12	7	21.31	21.48	21.06	
5	64QAM	12	13	21.39	21.20	21.33	
5	64QAM	25	0	21.19	21.29	21.16	
5	256QAM	1	0	19.36	19.69	19.28	20.7
5	256QAM	1	12	19.18	19.41	19.00	
5	256QAM	1	24	18.78	19.25	18.76	
5	256QAM	12	0	18.99	19.62	18.91	20.7
5	256QAM	12	7	18.90	19.31	18.92	
5	256QAM	12	13	18.78	19.26	18.83	
5	256QAM	25	0	19.11	19.30	18.82	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.10	23.69	23.21	24.1
3	QPSK	1	8	23.09	23.65	23.11	
3	QPSK	1	14	23.03	23.47	23.00	
3	QPSK	8	0	23.25	23.43	23.41	24.1
3	QPSK	8	4	23.15	23.31	23.23	
3	QPSK	8	7	23.02	23.08	23.14	
3	QPSK	15	0	23.05	23.23	23.09	
3	16QAM	1	0	23.05	23.62	23.04	24.1
3	16QAM	1	8	23.06	23.57	23.00	
3	16QAM	1	14	22.86	23.69	23.20	
3	16QAM	8	0	22.21	22.38	22.00	23.7
3	16QAM	8	4	22.05	22.38	22.16	
3	16QAM	8	7	22.28	22.07	22.24	
3	16QAM	15	0	22.17	22.42	22.09	
3	64QAM	1	0	22.24	22.71	22.27	23.7
3	64QAM	1	8	22.34	22.64	22.02	
3	64QAM	1	14	22.32	22.33	22.36	
3	64QAM	8	0	21.15	21.48	21.04	22.7
3	64QAM	8	4	21.34	21.34	21.20	
3	64QAM	8	7	21.39	21.10	21.35	
3	64QAM	15	0	21.12	21.39	21.07	
3	256QAM	1	0	19.39	19.70	19.32	20.7
3	256QAM	1	8	19.09	19.28	19.04	
3	256QAM	1	14	18.89	19.24	18.79	
3	256QAM	8	0	19.07	19.63	18.96	20.7
3	256QAM	8	4	18.83	19.19	18.88	
3	256QAM	8	7	18.86	19.28	18.87	
3	256QAM	15	0	19.10	19.33	18.75	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.16	23.58	23.23	24.1
1.4	QPSK	1	3	22.93	23.55	23.03	
1.4	QPSK	1	5	23.05	23.59	23.00	
1.4	QPSK	3	0	23.05	23.73	23.14	
1.4	QPSK	3	1	22.99	23.54	23.18	
1.4	QPSK	3	3	23.03	23.61	22.93	
1.4	QPSK	6	0	23.30	23.41	23.29	24.1
1.4	16QAM	1	0	23.05	23.19	23.21	24.1
1.4	16QAM	1	3	23.13	23.10	23.05	
1.4	16QAM	1	5	23.02	23.27	23.19	
1.4	16QAM	3	0	23.08	23.63	22.97	
1.4	16QAM	3	1	23.05	23.68	23.04	
1.4	16QAM	3	3	22.87	23.65	23.07	
1.4	16QAM	6	0	22.31	22.31	22.14	23.7
1.4	64QAM	1	0	22.21	22.34	22.23	23.7
1.4	64QAM	1	3	22.42	22.19	22.10	
1.4	64QAM	1	5	22.19	22.27	22.28	
1.4	64QAM	3	0	22.26	22.75	22.34	
1.4	64QAM	3	1	22.44	22.69	22.09	
1.4	64QAM	3	3	22.30	22.19	22.20	
1.4	64QAM	6	0	21.34	21.58	21.18	22.7
1.4	256QAM	1	0	19.36	19.77	19.42	20.7
1.4	256QAM	1	3	19.06	19.31	19.02	
1.4	256QAM	1	5	18.77	19.33	18.80	
1.4	256QAM	3	0	19.09	19.58	18.97	
1.4	256QAM	3	1	18.89	19.26	18.88	
1.4	256QAM	3	3	18.80	19.32	18.85	
1.4	256QAM	6	0	19.11	19.26	18.81	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.09	23.75	23.06	24.9
20	QPSK	1	49	23.06	23.57	23.04	
20	QPSK	1	99	23.08	23.48	22.96	
20	QPSK	50	0	23.37	23.47	23.38	24.7
20	QPSK	50	24	23.06	23.23	23.14	
20	QPSK	50	50	23.20	23.08	22.99	
20	QPSK	100	0	23.14	23.35	23.16	
20	16QAM	1	0	23.02	23.69	22.96	24.7
20	16QAM	1	49	23.00	23.62	23.00	
20	16QAM	1	99	22.92	23.63	23.16	
20	16QAM	50	0	22.15	22.42	22.05	23.7
20	16QAM	50	24	22.18	22.37	22.24	
20	16QAM	50	50	22.42	22.05	22.27	
20	16QAM	100	0	22.26	22.44	22.14	
20	64QAM	1	0	22.17	22.82	22.15	23.7
20	64QAM	1	49	22.40	22.53	22.19	
20	64QAM	1	99	22.36	22.18	22.37	
20	64QAM	50	0	21.21	21.60	21.08	22.7
20	64QAM	50	24	21.16	21.48	21.08	
20	64QAM	50	50	21.32	21.13	21.47	
20	64QAM	100	0	21.05	21.45	21.19	
20	256QAM	1	0	19.39	19.75	19.28	20.7
20	256QAM	1	49	19.03	19.29	19.06	
20	256QAM	1	99	18.86	19.15	18.84	
20	256QAM	50	0	19.06	19.54	18.96	20.7
20	256QAM	50	24	18.89	19.29	18.91	
20	256QAM	50	50	18.90	19.19	18.86	
20	256QAM	100	0	19.10	19.19	18.80	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.12	23.63	23.13	24.9
15	QPSK	1	37	23.03	23.69	23.13	
15	QPSK	1	74	23.04	23.54	22.99	
15	QPSK	36	0	23.35	23.46	23.25	24.7
15	QPSK	36	20	22.98	23.27	23.12	
15	QPSK	36	39	23.02	23.28	23.09	
15	QPSK	75	0	23.12	23.30	23.14	
15	16QAM	1	0	23.15	23.59	22.98	24.7
15	16QAM	1	37	23.08	23.73	23.05	
15	16QAM	1	74	23.01	23.58	23.20	
15	16QAM	36	0	22.22	22.30	22.05	23.7
15	16QAM	36	20	22.08	22.46	22.09	
15	16QAM	36	39	22.32	22.06	22.19	
15	16QAM	75	0	22.25	22.29	22.25	
15	64QAM	1	0	22.13	22.69	22.14	23.7
15	64QAM	1	37	22.35	22.54	22.11	
15	64QAM	1	74	22.34	22.36	22.34	
15	64QAM	36	0	21.17	21.66	21.05	22.7
15	64QAM	36	20	21.36	21.45	21.14	
15	64QAM	36	39	21.39	21.20	21.45	
15	64QAM	75	0	21.19	21.40	21.15	
15	256QAM	1	0	19.30	19.64	19.35	20.7
15	256QAM	1	37	19.00	19.37	18.94	
15	256QAM	1	74	18.97	19.28	18.72	
15	256QAM	36	0	19.09	19.70	19.06	20.7
15	256QAM	36	20	18.91	19.19	18.80	
15	256QAM	36	39	18.76	19.31	18.71	

15	256QAM	75	0	19.14	19.35	18.87	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.16	23.70	23.12	24.9
10	QPSK	1	25	22.90	23.59	23.13	
10	QPSK	1	49	22.97	23.59	23.07	
10	QPSK	25	0	23.31	23.36	23.29	24.7
10	QPSK	25	12	23.04	23.17	23.08	
10	QPSK	25	25	23.06	23.15	23.02	
10	QPSK	50	0	23.05	23.33	23.12	
10	16QAM	1	0	23.18	23.69	23.12	24.7
10	16QAM	1	25	22.94	23.61	23.00	
10	16QAM	1	49	22.90	23.63	23.13	
10	16QAM	25	0	22.24	22.35	22.08	23.7
10	16QAM	25	12	22.16	22.47	22.09	
10	16QAM	25	25	22.26	22.16	22.12	
10	16QAM	50	0	22.21	22.34	22.29	
10	64QAM	1	0	22.09	22.68	22.20	23.7
10	64QAM	1	25	22.38	22.59	22.00	
10	64QAM	1	49	22.35	22.26	22.23	
10	64QAM	25	0	21.33	21.63	21.17	22.7
10	64QAM	25	12	21.25	21.29	21.12	
10	64QAM	25	25	21.37	21.09	21.35	
10	64QAM	50	0	21.18	21.43	21.13	
10	256QAM	1	0	19.41	19.84	19.36	20.7
10	256QAM	1	25	19.05	19.39	19.03	
10	256QAM	1	49	18.94	19.14	18.86	
10	256QAM	25	0	19.09	19.59	18.96	20.7
10	256QAM	25	12	18.86	19.23	18.77	
10	256QAM	25	25	18.94	19.32	18.77	
10	256QAM	50	0	19.12	19.32	18.88	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.17	23.74	23.09	24.9
5	QPSK	1	12	22.92	23.62	23.10	
5	QPSK	1	24	23.11	23.46	22.95	
5	QPSK	12	0	23.35	23.36	23.42	24.7
5	QPSK	12	7	23.15	23.12	23.15	
5	QPSK	12	13	23.12	23.23	23.12	
5	QPSK	25	0	23.09	23.30	23.17	
5	16QAM	1	0	23.06	23.68	23.00	24.7
5	16QAM	1	12	23.10	23.74	23.08	
5	16QAM	1	24	22.90	23.68	23.04	
5	16QAM	12	0	22.30	22.37	22.06	23.7
5	16QAM	12	7	22.21	22.46	22.08	
5	16QAM	12	13	22.39	22.08	22.15	
5	16QAM	25	0	22.28	22.32	22.12	
5	64QAM	1	0	22.27	22.74	22.30	23.7
5	64QAM	1	12	22.48	22.72	22.07	
5	64QAM	1	24	22.28	22.36	22.29	
5	64QAM	12	0	21.25	21.63	21.15	22.7
5	64QAM	12	7	21.31	21.48	21.06	
5	64QAM	12	13	21.39	21.20	21.33	
5	64QAM	25	0	21.19	21.29	21.16	
5	256QAM	1	0	19.36	19.69	19.28	20.7
5	256QAM	1	12	19.18	19.41	19.00	
5	256QAM	1	24	18.78	19.25	18.76	
5	256QAM	12	0	18.99	19.62	18.91	20.7
5	256QAM	12	7	18.90	19.31	18.92	
5	256QAM	12	13	18.78	19.26	18.83	
5	256QAM	25	0	19.11	19.30	18.82	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.10	23.69	23.21	24.9
3	QPSK	1	8	23.09	23.65	23.11	
3	QPSK	1	14	23.03	23.47	23.00	
3	QPSK	8	0	23.25	23.43	23.41	24.7
3	QPSK	8	4	23.15	23.31	23.23	
3	QPSK	8	7	23.02	23.08	23.14	
3	QPSK	15	0	23.05	23.23	23.09	
3	16QAM	1	0	23.05	23.62	23.04	24.7
3	16QAM	1	8	23.06	23.57	23.00	
3	16QAM	1	14	22.86	23.69	23.20	
3	16QAM	8	0	22.21	22.38	22.00	23.7
3	16QAM	8	4	22.05	22.38	22.16	
3	16QAM	8	7	22.28	22.07	22.24	
3	16QAM	15	0	22.17	22.42	22.09	
3	64QAM	1	0	22.24	22.71	22.27	23.7
3	64QAM	1	8	22.34	22.64	22.02	
3	64QAM	1	14	22.32	22.33	22.36	
3	64QAM	8	0	21.15	21.48	21.04	22.7
3	64QAM	8	4	21.34	21.34	21.20	
3	64QAM	8	7	21.39	21.10	21.35	
3	64QAM	15	0	21.12	21.39	21.07	
3	256QAM	1	0	19.39	19.70	19.32	20.7
3	256QAM	1	8	19.09	19.28	19.04	
3	256QAM	1	14	18.89	19.24	18.79	
3	256QAM	8	0	19.07	19.63	18.96	20.7
3	256QAM	8	4	18.83	19.19	18.88	
3	256QAM	8	7	18.86	19.28	18.87	
3	256QAM	15	0	19.10	19.33	18.75	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.16	23.58	23.23	24.9
1.4	QPSK	1	3	22.93	23.55	23.03	
1.4	QPSK	1	5	23.05	23.59	23.00	
1.4	QPSK	3	0	23.05	23.73	23.14	
1.4	QPSK	3	1	22.99	23.54	23.18	
1.4	QPSK	3	3	23.03	23.61	22.93	
1.4	QPSK	6	0	23.30	23.41	23.29	24.7
1.4	16QAM	1	0	23.05	23.19	23.21	24.7
1.4	16QAM	1	3	23.13	23.10	23.05	
1.4	16QAM	1	5	23.02	23.27	23.19	
1.4	16QAM	3	0	23.08	23.63	22.97	
1.4	16QAM	3	1	23.05	23.68	23.04	
1.4	16QAM	3	3	22.87	23.65	23.07	
1.4	16QAM	6	0	22.31	22.31	22.14	23.7
1.4	64QAM	1	0	22.21	22.34	22.23	23.7
1.4	64QAM	1	3	22.42	22.19	22.10	
1.4	64QAM	1	5	22.19	22.27	22.28	
1.4	64QAM	3	0	22.26	22.75	22.34	
1.4	64QAM	3	1	22.44	22.69	22.09	
1.4	64QAM	3	3	22.30	22.19	22.20	
1.4	64QAM	6	0	21.34	21.58	21.18	22.7
1.4	256QAM	1	0	19.36	19.77	19.42	20.7
1.4	256QAM	1	3	19.06	19.31	19.02	
1.4	256QAM	1	5	18.77	19.33	18.80	
1.4	256QAM	3	0	19.09	19.58	18.97	
1.4	256QAM	3	1	18.89	19.26	18.88	
1.4	256QAM	3	3	18.80	19.32	18.85	
1.4	256QAM	6	0	19.11	19.26	18.81	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.10	15.00	15.16	16.5
20	QPSK	1	49	14.98	14.96	15.08	
20	QPSK	1	99	15.06	14.98	15.08	
20	QPSK	50	0	15.10	15.03	15.13	16.5
20	QPSK	50	24	15.09	15.01	15.07	
20	QPSK	50	50	15.06	14.98	15.11	
20	QPSK	100	0	15.06	15.01	15.15	
20	16QAM	1	0	14.98	14.95	15.07	16.5
20	16QAM	1	49	15.01	14.91	14.98	
20	16QAM	1	99	15.10	15.00	15.06	
20	16QAM	50	0	15.07	14.99	15.08	16.5
20	16QAM	50	24	15.06	14.97	15.13	
20	16QAM	50	50	15.07	14.98	15.11	
20	16QAM	100	0	15.06	14.99	15.12	
20	64QAM	1	0	15.04	14.96	15.03	16.5
20	64QAM	1	49	14.91	14.88	15.01	
20	64QAM	1	99	14.96	14.90	15.04	
20	64QAM	50	0	14.99	14.97	15.11	16.5
20	64QAM	50	24	15.10	15.00	15.15	
20	64QAM	50	50	14.98	14.96	15.11	
20	64QAM	100	0	15.06	14.98	15.06	
20	256QAM	1	0	15.10	15.03	15.05	16.5
20	256QAM	1	49	15.03	15.03	15.11	
20	256QAM	1	99	15.05	15.08	15.04	
20	256QAM	50	0	14.98	14.98	15.12	16.5
20	256QAM	50	24	15.02	14.99	15.13	
20	256QAM	50	50	15.04	14.96	15.02	
20	256QAM	100	0	14.98	14.96	15.05	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.06	14.86	15.04	16.5
15	QPSK	1	37	14.89	14.86	14.98	
15	QPSK	1	74	14.90	14.94	15.08	
15	QPSK	36	0	14.93	14.95	15.10	16.5
15	QPSK	36	20	14.90	14.88	14.93	
15	QPSK	36	39	14.89	14.91	14.91	
15	QPSK	75	0	14.87	14.95	15.09	
15	16QAM	1	0	14.85	14.89	15.04	16.5
15	16QAM	1	37	14.81	14.85	14.91	
15	16QAM	1	74	15.04	14.92	14.92	
15	16QAM	36	0	14.90	14.89	14.99	16.5
15	16QAM	36	20	14.94	14.83	14.95	
15	16QAM	36	39	14.92	14.80	14.97	
15	16QAM	75	0	14.93	14.85	15.12	
15	64QAM	1	0	15.04	14.92	14.96	16.5
15	64QAM	1	37	14.86	14.89	15.01	
15	64QAM	1	74	14.89	14.86	14.85	
15	64QAM	36	0	14.98	14.89	14.93	16.5
15	64QAM	36	20	15.08	14.87	14.95	
15	64QAM	36	39	14.93	14.90	15.04	
15	64QAM	75	0	15.00	14.92	14.91	
15	256QAM	1	0	15.06	14.94	14.95	16.5
15	256QAM	1	37	14.91	14.96	15.02	
15	256QAM	1	74	14.92	14.98	14.97	
15	256QAM	36	0	14.87	14.89	15.12	16.5
15	256QAM	36	20	14.98	14.92	15.07	

15	256QAM	36	39	14.88	14.89	14.86	
15	256QAM	75	0	14.86	14.89	14.90	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	14.97	14.85	15.13	16.5
10	QPSK	1	25	14.86	14.90	14.96	
10	QPSK	1	49	15.06	14.98	15.06	
10	QPSK	25	0	15.07	14.99	15.10	16.5
10	QPSK	25	12	15.01	14.97	15.04	
10	QPSK	25	25	15.05	14.97	15.02	
10	QPSK	50	0	15.05	14.97	15.04	
10	16QAM	1	0	14.90	14.93	15.04	16.5
10	16QAM	1	25	14.86	14.87	14.89	
10	16QAM	1	49	14.91	14.86	15.03	
10	16QAM	25	0	15.05	14.89	15.00	16.5
10	16QAM	25	12	14.95	14.93	15.10	
10	16QAM	25	25	14.90	14.90	14.98	
10	16QAM	50	0	14.90	14.93	15.06	
10	64QAM	1	0	14.92	14.89	14.85	16.5
10	64QAM	1	25	14.89	14.88	15.00	
10	64QAM	1	49	14.88	14.83	14.94	
10	64QAM	25	0	14.97	14.89	15.05	16.5
10	64QAM	25	12	14.93	14.90	15.05	
10	64QAM	25	25	14.80	14.90	15.06	
10	64QAM	50	0	14.94	14.98	14.95	
10	256QAM	1	0	14.90	14.97	15.03	16.5
10	256QAM	1	25	14.89	14.92	14.96	
10	256QAM	1	49	14.96	15.00	14.99	
10	256QAM	25	0	14.80	14.93	14.98	16.5
10	256QAM	25	12	15.02	14.84	14.96	
10	256QAM	25	25	15.01	14.80	14.97	
10	256QAM	50	0	14.91	14.81	14.98	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	14.99	14.85	15.15	16.5
5	QPSK	1	12	14.83	14.81	14.90	
5	QPSK	1	24	14.99	14.96	15.04	
5	QPSK	12	0	14.90	14.90	14.97	16.5
5	QPSK	12	7	15.02	15.01	15.00	
5	QPSK	12	13	15.04	14.81	15.01	
5	QPSK	25	0	14.92	14.81	14.97	
5	16QAM	1	0	14.91	14.86	14.87	16.5
5	16QAM	1	12	14.95	14.84	14.95	
5	16QAM	1	24	15.05	14.93	15.01	
5	16QAM	12	0	15.04	14.85	15.05	16.5
5	16QAM	12	7	14.95	14.88	14.93	
5	16QAM	12	13	15.03	14.93	14.92	
5	16QAM	25	0	14.98	14.90	15.04	
5	64QAM	1	0	14.91	14.83	14.87	16.5
5	64QAM	1	12	14.81	14.87	14.95	
5	64QAM	1	24	14.84	14.83	14.90	
5	64QAM	12	0	14.89	14.96	15.06	16.5
5	64QAM	12	7	15.07	14.90	15.10	
5	64QAM	12	13	14.89	14.94	14.92	
5	64QAM	25	0	15.01	14.87	15.05	
5	256QAM	1	0	14.99	14.94	14.86	16.5
5	256QAM	1	12	14.89	15.01	15.04	
5	256QAM	1	24	15.01	14.99	14.87	
5	256QAM	12	0	14.89	14.80	14.92	16.5
5	256QAM	12	7	14.90	14.84	15.05	
5	256QAM	12	13	14.98	14.89	14.99	
5	256QAM	25	0	14.89	14.93	14.90	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	14.90	14.89	15.12	16.5
3	QPSK	1	8	14.87	14.86	15.04	
3	QPSK	1	14	14.92	14.80	14.93	
3	QPSK	8	0	15.08	14.96	14.98	16.5
3	QPSK	8	4	14.98	14.95	14.95	
3	QPSK	8	7	14.99	14.91	14.94	
3	QPSK	15	0	15.06	14.93	14.95	
3	16QAM	1	0	14.97	14.81	14.99	16.5
3	16QAM	1	8	14.94	14.87	14.89	
3	16QAM	1	14	14.90	14.80	15.05	
3	16QAM	8	0	15.02	14.97	14.89	16.5
3	16QAM	8	4	15.03	14.91	14.99	
3	16QAM	8	7	15.05	14.86	14.97	
3	16QAM	15	0	15.00	14.82	15.08	
3	64QAM	1	0	14.87	14.87	14.99	16.5
3	64QAM	1	8	14.80	14.88	14.81	
3	64QAM	1	14	14.86	14.81	15.00	
3	64QAM	8	0	14.89	14.88	14.94	16.5
3	64QAM	8	4	14.90	14.93	15.09	
3	64QAM	8	7	14.84	14.89	15.01	
3	64QAM	15	0	15.06	14.82	15.02	
3	256QAM	1	0	14.93	14.84	15.04	16.5
3	256QAM	1	8	14.98	14.84	14.99	
3	256QAM	1	14	15.05	15.06	14.92	
3	256QAM	8	0	14.89	14.89	15.08	16.5
3	256QAM	8	4	14.95	14.81	15.13	
3	256QAM	8	7	14.92	14.91	14.89	
3	256QAM	15	0	14.92	14.89	14.95	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	14.96	15.00	15.13	16.5
1.4	QPSK	1	3	14.98	14.95	15.08	
1.4	QPSK	1	5	14.97	14.82	15.08	
1.4	QPSK	3	0	15.07	14.98	15.09	
1.4	QPSK	3	1	14.99	14.98	15.04	
1.4	QPSK	3	3	14.88	14.97	15.08	
1.4	QPSK	6	0	14.89	15.00	15.09	16.5
1.4	16QAM	1	0	14.85	14.87	14.87	16.5
1.4	16QAM	1	3	15.00	14.91	14.85	
1.4	16QAM	1	5	15.02	14.99	15.03	
1.4	16QAM	3	0	15.01	14.83	15.08	
1.4	16QAM	3	1	14.91	14.80	15.12	
1.4	16QAM	3	3	14.90	14.98	14.91	
1.4	16QAM	6	0	15.01	14.83	14.93	16.5
1.4	64QAM	1	0	14.86	14.87	14.96	16.5
1.4	64QAM	1	3	14.73	14.80	14.83	
1.4	64QAM	1	5	14.91	14.86	14.96	
1.4	64QAM	3	0	14.88	14.93	15.09	
1.4	64QAM	3	1	15.08	14.81	15.02	
1.4	64QAM	3	3	14.85	14.84	15.02	
1.4	64QAM	6	0	14.95	14.95	14.92	16.5
1.4	256QAM	1	0	15.07	14.95	14.96	16.5
1.4	256QAM	1	3	14.93	14.93	15.07	
1.4	256QAM	1	5	14.90	14.93	15.01	
1.4	256QAM	3	0	14.85	14.98	15.00	
1.4	256QAM	3	1	14.88	14.92	15.13	
1.4	256QAM	3	3	14.96	14.87	14.96	
1.4	256QAM	6	0	14.93	14.93	14.96	16.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.10	15.00	15.16	15.7
20	QPSK	1	49	14.98	14.96	15.08	
20	QPSK	1	99	15.06	14.98	15.08	
20	QPSK	50	0	15.10	15.03	15.13	15.7
20	QPSK	50	24	15.09	15.01	15.07	
20	QPSK	50	50	15.06	14.98	15.11	
20	QPSK	100	0	15.06	15.01	15.15	
20	16QAM	1	0	14.98	14.95	15.07	15.7
20	16QAM	1	49	15.01	14.91	14.98	
20	16QAM	1	99	15.10	15.00	15.06	
20	16QAM	50	0	15.07	14.99	15.08	15.7
20	16QAM	50	24	15.06	14.97	15.13	
20	16QAM	50	50	15.07	14.98	15.11	
20	16QAM	100	0	15.06	14.99	15.12	
20	64QAM	1	0	15.04	14.96	15.03	15.7
20	64QAM	1	49	14.91	14.88	15.01	
20	64QAM	1	99	14.96	14.90	15.04	
20	64QAM	50	0	14.99	14.97	15.11	15.7
20	64QAM	50	24	15.10	15.00	15.15	
20	64QAM	50	50	14.98	14.96	15.11	
20	64QAM	100	0	15.06	14.98	15.06	
20	256QAM	1	0	15.10	15.03	15.05	15.7
20	256QAM	1	49	15.03	15.03	15.11	
20	256QAM	1	99	15.05	15.08	15.04	
20	256QAM	50	0	14.98	14.98	15.12	15.7
20	256QAM	50	24	15.02	14.99	15.13	
20	256QAM	50	50	15.04	14.96	15.02	
20	256QAM	100	0	14.98	14.96	15.05	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.06	14.86	15.04	15.7
15	QPSK	1	37	14.89	14.86	14.98	
15	QPSK	1	74	14.90	14.94	15.08	
15	QPSK	36	0	14.93	14.95	15.10	15.7
15	QPSK	36	20	14.90	14.88	14.93	
15	QPSK	36	39	14.89	14.91	14.91	
15	QPSK	75	0	14.87	14.95	15.09	
15	16QAM	1	0	14.85	14.89	15.04	15.7
15	16QAM	1	37	14.81	14.85	14.91	
15	16QAM	1	74	15.04	14.92	14.92	
15	16QAM	36	0	14.90	14.89	14.99	15.7
15	16QAM	36	20	14.94	14.83	14.95	
15	16QAM	36	39	14.92	14.80	14.97	
15	16QAM	75	0	14.93	14.85	15.12	
15	64QAM	1	0	15.04	14.92	14.96	15.7
15	64QAM	1	37	14.86	14.89	15.01	
15	64QAM	1	74	14.89	14.86	14.85	
15	64QAM	36	0	14.98	14.89	14.93	15.7
15	64QAM	36	20	15.08	14.87	14.95	
15	64QAM	36	39	14.93	14.90	15.04	
15	64QAM	75	0	15.00	14.92	14.91	
15	256QAM	1	0	15.06	14.94	14.95	15.7
15	256QAM	1	37	14.91	14.96	15.02	
15	256QAM	1	74	14.92	14.98	14.97	
15	256QAM	36	0	14.87	14.89	15.12	15.7
15	256QAM	36	20	14.98	14.92	15.07	

15	256QAM	36	39	14.88	14.89	14.86	
15	256QAM	75	0	14.86	14.89	14.90	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	14.97	14.85	15.13	15.7
10	QPSK	1	25	14.86	14.90	14.96	
10	QPSK	1	49	15.06	14.98	15.06	
10	QPSK	25	0	15.07	14.99	15.10	15.7
10	QPSK	25	12	15.01	14.97	15.04	
10	QPSK	25	25	15.05	14.97	15.02	
10	QPSK	50	0	15.05	14.97	15.04	
10	16QAM	1	0	14.90	14.93	15.04	15.7
10	16QAM	1	25	14.86	14.87	14.89	
10	16QAM	1	49	14.91	14.86	15.03	
10	16QAM	25	0	15.05	14.89	15.00	15.7
10	16QAM	25	12	14.95	14.93	15.10	
10	16QAM	25	25	14.90	14.90	14.98	
10	16QAM	50	0	14.90	14.93	15.06	
10	64QAM	1	0	14.92	14.89	14.85	15.7
10	64QAM	1	25	14.89	14.88	15.00	
10	64QAM	1	49	14.88	14.83	14.94	
10	64QAM	25	0	14.97	14.89	15.05	15.7
10	64QAM	25	12	14.93	14.90	15.05	
10	64QAM	25	25	14.80	14.90	15.06	
10	64QAM	50	0	14.94	14.98	14.95	
10	256QAM	1	0	14.90	14.97	15.03	15.7
10	256QAM	1	25	14.89	14.92	14.96	
10	256QAM	1	49	14.96	15.00	14.99	
10	256QAM	25	0	14.80	14.93	14.98	15.7
10	256QAM	25	12	15.02	14.84	14.96	
10	256QAM	25	25	15.01	14.80	14.97	
10	256QAM	50	0	14.91	14.81	14.98	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	14.99	14.85	15.15	15.7
5	QPSK	1	12	14.83	14.81	14.90	
5	QPSK	1	24	14.99	14.96	15.04	
5	QPSK	12	0	14.90	14.90	14.97	15.7
5	QPSK	12	7	15.02	15.01	15.00	
5	QPSK	12	13	15.04	14.81	15.01	
5	QPSK	25	0	14.92	14.81	14.97	
5	16QAM	1	0	14.91	14.86	14.87	15.7
5	16QAM	1	12	14.95	14.84	14.95	
5	16QAM	1	24	15.05	14.93	15.01	
5	16QAM	12	0	15.04	14.85	15.05	15.7
5	16QAM	12	7	14.95	14.88	14.93	
5	16QAM	12	13	15.03	14.93	14.92	
5	16QAM	25	0	14.98	14.90	15.04	
5	64QAM	1	0	14.91	14.83	14.87	15.7
5	64QAM	1	12	14.81	14.87	14.95	
5	64QAM	1	24	14.84	14.83	14.90	
5	64QAM	12	0	14.89	14.96	15.06	15.7
5	64QAM	12	7	15.07	14.90	15.10	
5	64QAM	12	13	14.89	14.94	14.92	
5	64QAM	25	0	15.01	14.87	15.05	
5	256QAM	1	0	14.99	14.94	14.86	15.7
5	256QAM	1	12	14.89	15.01	15.04	
5	256QAM	1	24	15.01	14.99	14.87	
5	256QAM	12	0	14.89	14.80	14.92	15.7
5	256QAM	12	7	14.90	14.84	15.05	
5	256QAM	12	13	14.98	14.89	14.99	
5	256QAM	25	0	14.89	14.93	14.90	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	14.90	14.89	15.12	15.7
3	QPSK	1	8	14.87	14.86	15.04	
3	QPSK	1	14	14.92	14.80	14.93	
3	QPSK	8	0	15.08	14.96	14.98	15.7
3	QPSK	8	4	14.98	14.95	14.95	
3	QPSK	8	7	14.99	14.91	14.94	
3	QPSK	15	0	15.06	14.93	14.95	
3	16QAM	1	0	14.97	14.81	14.99	15.7
3	16QAM	1	8	14.94	14.87	14.89	
3	16QAM	1	14	14.90	14.80	15.05	
3	16QAM	8	0	15.02	14.97	14.89	15.7
3	16QAM	8	4	15.03	14.91	14.99	
3	16QAM	8	7	15.05	14.86	14.97	
3	16QAM	15	0	15.00	14.82	15.08	
3	64QAM	1	0	14.87	14.87	14.99	15.7
3	64QAM	1	8	14.80	14.88	14.81	
3	64QAM	1	14	14.86	14.81	15.00	
3	64QAM	8	0	14.89	14.88	14.94	15.7
3	64QAM	8	4	14.90	14.93	15.09	
3	64QAM	8	7	14.84	14.89	15.01	
3	64QAM	15	0	15.06	14.82	15.02	
3	256QAM	1	0	14.93	14.84	15.04	15.7
3	256QAM	1	8	14.98	14.84	14.99	
3	256QAM	1	14	15.05	15.06	14.92	
3	256QAM	8	0	14.89	14.89	15.08	15.7
3	256QAM	8	4	14.95	14.81	15.13	
3	256QAM	8	7	14.92	14.91	14.89	
3	256QAM	15	0	14.92	14.89	14.95	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	14.96	15.00	15.13	15.7
1.4	QPSK	1	3	14.98	14.95	15.08	
1.4	QPSK	1	5	14.97	14.82	15.08	
1.4	QPSK	3	0	15.07	14.98	15.09	
1.4	QPSK	3	1	14.99	14.98	15.04	
1.4	QPSK	3	3	14.88	14.97	15.08	
1.4	QPSK	6	0	14.89	15.00	15.09	15.7
1.4	16QAM	1	0	14.85	14.87	14.87	15.7
1.4	16QAM	1	3	15.00	14.91	14.85	
1.4	16QAM	1	5	15.02	14.99	15.03	
1.4	16QAM	3	0	15.01	14.83	15.08	
1.4	16QAM	3	1	14.91	14.80	15.12	
1.4	16QAM	3	3	14.90	14.98	14.91	
1.4	16QAM	6	0	15.01	14.83	14.93	15.7
1.4	64QAM	1	0	14.86	14.87	14.96	15.7
1.4	64QAM	1	3	14.73	14.80	14.83	
1.4	64QAM	1	5	14.91	14.86	14.96	
1.4	64QAM	3	0	14.88	14.93	15.09	
1.4	64QAM	3	1	15.08	14.81	15.02	
1.4	64QAM	3	3	14.85	14.84	15.02	
1.4	64QAM	6	0	14.95	14.95	14.92	15.7
1.4	256QAM	1	0	15.07	14.95	14.96	15.7
1.4	256QAM	1	3	14.93	14.93	15.07	
1.4	256QAM	1	5	14.90	14.93	15.01	
1.4	256QAM	3	0	14.85	14.98	15.00	
1.4	256QAM	3	1	14.88	14.92	15.13	
1.4	256QAM	3	3	14.96	14.87	14.96	
1.4	256QAM	6	0	14.93	14.93	14.96	15.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.10	20.00	20.16	20.2
20	QPSK	1	49	20.06	19.96	20.09	
20	QPSK	1	99	19.99	19.98	20.13	
20	QPSK	50	0	20.05	20.03	20.09	20.2
20	QPSK	50	24	20.04	20.01	20.01	
20	QPSK	50	50	20.04	19.98	20.02	
20	QPSK	100	0	20.07	20.01	20.11	
20	16QAM	1	0	20.09	20.15	20.09	20.2
20	16QAM	1	49	20.15	20.11	20.11	
20	16QAM	1	99	20.02	20.00	20.09	
20	16QAM	50	0	20.03	19.99	20.12	20.2
20	16QAM	50	24	20.01	19.97	20.11	
20	16QAM	50	50	20.07	19.98	20.14	
20	16QAM	100	0	20.00	19.99	20.15	
20	64QAM	1	0	19.95	19.95	20.01	20.2
20	64QAM	1	49	20.16	20.08	20.09	
20	64QAM	1	99	20.15	20.10	20.11	
20	64QAM	50	0	20.00	19.97	20.13	20.2
20	64QAM	50	24	20.09	20.00	20.11	
20	64QAM	50	50	20.00	19.96	20.11	
20	64QAM	100	0	20.04	19.98	20.07	
20	256QAM	1	0	20.13	20.13	20.07	20.2
20	256QAM	1	49	20.10	20.03	20.08	
20	256QAM	1	99	20.16	20.08	20.08	
20	256QAM	50	0	20.04	19.98	20.11	20.2
20	256QAM	50	24	20.07	19.99	20.11	
20	256QAM	50	50	20.01	19.96	20.10	
20	256QAM	100	0	20.04	19.96	20.04	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.99	19.80	20.10	20.2
15	QPSK	1	37	19.97	19.85	19.92	
15	QPSK	1	74	19.95	19.91	20.00	
15	QPSK	36	0	19.85	19.87	19.90	20.2
15	QPSK	36	20	19.93	19.81	19.84	
15	QPSK	36	39	19.88	19.80	19.93	
15	QPSK	75	0	19.91	19.85	20.09	
15	16QAM	1	0	19.91	20.02	19.94	20.2
15	16QAM	1	37	20.13	20.10	20.08	
15	16QAM	1	74	19.91	19.97	19.94	
15	16QAM	36	0	19.83	19.89	20.07	20.2
15	16QAM	36	20	19.83	19.83	19.99	
15	16QAM	36	39	19.89	19.98	20.03	
15	16QAM	75	0	19.93	19.92	20.11	
15	64QAM	1	0	19.85	19.86	19.89	20.2
15	64QAM	1	37	20.03	20.07	19.99	
15	64QAM	1	74	20.04	20.01	20.07	
15	64QAM	36	0	19.87	19.83	20.07	20.2
15	64QAM	36	20	20.01	19.92	20.04	
15	64QAM	36	39	19.97	19.87	20.08	
15	64QAM	75	0	20.03	19.79	19.87	
15	256QAM	1	0	20.04	20.10	19.95	20.2
15	256QAM	1	37	20.00	19.90	19.88	
15	256QAM	1	74	20.03	19.99	20.07	
15	256QAM	36	0	19.89	19.80	19.99	20.2
15	256QAM	36	20	19.89	19.99	20.08	

15	256QAM	36	39	19.89	19.88	19.91	
15	256QAM	75	0	20.04	19.91	19.87	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.90	19.93	20.15	20.2
10	QPSK	1	25	19.88	19.91	19.99	
10	QPSK	1	49	19.85	19.86	19.99	
10	QPSK	25	0	19.95	19.95	20.02	20.2
10	QPSK	25	12	19.97	20.00	19.93	
10	QPSK	25	25	19.92	19.85	19.88	
10	QPSK	50	0	19.97	19.99	20.05	
10	16QAM	1	0	19.98	20.05	20.05	20.2
10	16QAM	1	25	20.03	20.09	20.09	
10	16QAM	1	49	19.85	19.84	19.99	
10	16QAM	25	0	19.92	19.80	19.93	20.2
10	16QAM	25	12	19.97	19.96	20.10	
10	16QAM	25	25	19.88	19.81	20.00	
10	16QAM	50	0	19.85	19.94	20.00	
10	64QAM	1	0	19.81	19.79	19.94	20.2
10	64QAM	1	25	20.00	20.05	19.89	
10	64QAM	1	49	20.09	20.06	20.04	
10	64QAM	25	0	19.88	19.77	20.13	20.2
10	64QAM	25	12	20.02	19.87	20.04	
10	64QAM	25	25	19.96	19.87	19.97	
10	64QAM	50	0	19.91	19.78	19.98	
10	256QAM	1	0	20.01	20.13	20.07	20.2
10	256QAM	1	25	20.06	20.03	20.07	
10	256QAM	1	49	20.16	19.99	20.06	
10	256QAM	25	0	19.85	19.95	19.98	20.2
10	256QAM	25	12	19.97	19.99	19.99	
10	256QAM	25	25	19.83	19.80	20.06	
10	256QAM	50	0	20.03	19.95	19.93	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.91	19.93	20.04	20.2
5	QPSK	1	12	19.95	19.79	19.92	
5	QPSK	1	24	19.81	19.91	20.07	
5	QPSK	12	0	19.98	19.95	19.97	20.2
5	QPSK	12	7	20.01	19.86	19.87	
5	QPSK	12	13	20.01	19.90	19.86	
5	QPSK	25	0	20.01	19.97	20.01	
5	16QAM	1	0	19.89	20.11	19.89	20.2
5	16QAM	1	12	19.97	20.04	20.07	
5	16QAM	1	24	19.84	19.81	20.01	
5	16QAM	12	0	19.98	19.89	20.03	20.2
5	16QAM	12	7	19.88	19.96	19.98	
5	16QAM	12	13	19.97	19.85	20.07	
5	16QAM	25	0	19.95	19.84	19.95	
5	64QAM	1	0	19.78	19.89	19.98	20.2
5	64QAM	1	12	20.09	20.06	20.09	
5	64QAM	1	24	20.01	19.91	19.97	
5	64QAM	12	0	19.95	19.88	20.00	20.2
5	64QAM	12	7	20.03	19.82	20.11	
5	64QAM	12	13	19.83	19.93	19.96	
5	64QAM	25	0	19.92	19.82	19.90	
5	256QAM	1	0	20.00	20.06	19.92	20.2
5	256QAM	1	12	20.08	19.92	19.89	
5	256QAM	1	24	20.01	19.90	20.07	
5	256QAM	12	0	19.87	19.91	19.93	20.2
5	256QAM	12	7	19.88	19.86	20.02	
5	256QAM	12	13	19.93	19.90	20.04	
5	256QAM	25	0	19.86	19.80	19.89	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.08	19.84	20.09	20.2
3	QPSK	1	8	19.90	19.76	20.04	
3	QPSK	1	14	19.84	19.90	20.06	
3	QPSK	8	0	20.02	19.85	20.00	20.2
3	QPSK	8	4	19.94	19.95	19.84	
3	QPSK	8	7	19.89	19.80	19.91	
3	QPSK	15	0	19.93	19.84	19.97	
3	16QAM	1	0	20.03	20.14	19.94	20.2
3	16QAM	1	8	20.04	20.01	20.05	
3	16QAM	1	14	19.91	19.92	19.91	
3	16QAM	8	0	19.96	19.91	20.07	20.2
3	16QAM	8	4	19.84	19.83	20.08	
3	16QAM	8	7	20.06	19.82	20.07	
3	16QAM	15	0	19.82	19.86	20.10	
3	64QAM	1	0	19.95	19.83	19.96	20.2
3	64QAM	1	8	20.00	19.98	20.03	
3	64QAM	1	14	20.04	19.99	19.94	
3	64QAM	8	0	20.00	19.93	20.11	20.2
3	64QAM	8	4	20.01	19.92	20.08	
3	64QAM	8	7	19.86	19.91	19.91	
3	64QAM	15	0	20.03	19.79	19.88	
3	256QAM	1	0	20.08	19.94	19.99	20.2
3	256QAM	1	8	19.98	19.99	19.95	
3	256QAM	1	14	20.12	19.92	20.00	
3	256QAM	8	0	19.98	19.83	19.98	20.2
3	256QAM	8	4	19.87	19.80	19.93	
3	256QAM	8	7	19.86	19.87	20.01	
3	256QAM	15	0	20.00	19.93	20.04	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.06	20.00	20.12	20.2
1.4	QPSK	1	3	19.91	19.90	19.94	
1.4	QPSK	1	5	19.84	19.79	20.08	
1.4	QPSK	3	0	20.03	19.85	20.03	
1.4	QPSK	3	1	19.90	19.85	19.87	
1.4	QPSK	3	3	19.87	19.86	20.02	
1.4	QPSK	6	0	20.01	19.95	20.02	20.2
1.4	16QAM	1	0	19.96	20.02	20.09	20.2
1.4	16QAM	1	3	20.08	20.09	19.96	
1.4	16QAM	1	5	19.86	19.97	19.95	
1.4	16QAM	3	0	19.91	19.93	20.08	
1.4	16QAM	3	1	19.90	19.91	20.11	
1.4	16QAM	3	3	19.88	19.84	20.07	
1.4	16QAM	6	0	19.93	19.83	20.00	20.2
1.4	64QAM	1	0	19.78	19.88	19.98	20.2
1.4	64QAM	1	3	20.06	20.02	20.01	
1.4	64QAM	1	5	19.98	20.01	19.94	
1.4	64QAM	3	0	19.84	19.81	19.99	
1.4	64QAM	3	1	20.00	19.88	19.92	
1.4	64QAM	3	3	20.00	19.86	20.04	
1.4	64QAM	6	0	19.89	19.93	19.96	20.2
1.4	256QAM	1	0	19.93	19.97	20.01	20.2
1.4	256QAM	1	3	19.95	19.89	20.02	
1.4	256QAM	1	5	19.97	19.94	20.07	
1.4	256QAM	3	0	19.98	19.98	20.09	
1.4	256QAM	3	1	19.99	19.96	19.94	
1.4	256QAM	3	3	19.89	19.88	19.92	
1.4	256QAM	6	0	20.04	19.91	19.96	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.10	20.00	20.16	21.5
20	QPSK	1	49	20.06	19.96	20.09	
20	QPSK	1	99	19.99	19.98	20.13	
20	QPSK	50	0	20.05	20.03	20.09	21.5
20	QPSK	50	24	20.04	20.01	20.01	
20	QPSK	50	50	20.04	19.98	20.02	
20	QPSK	100	0	20.07	20.01	20.11	
20	16QAM	1	0	20.09	20.15	20.09	21.5
20	16QAM	1	49	20.15	20.11	20.11	
20	16QAM	1	99	20.02	20.00	20.09	
20	16QAM	50	0	20.03	19.99	20.12	21.5
20	16QAM	50	24	20.01	19.97	20.11	
20	16QAM	50	50	20.07	19.98	20.14	
20	16QAM	100	0	20.00	19.99	20.15	
20	64QAM	1	0	19.95	19.95	20.01	21.5
20	64QAM	1	49	20.16	20.08	20.09	
20	64QAM	1	99	20.15	20.10	20.11	
20	64QAM	50	0	20.00	19.97	20.13	21.5
20	64QAM	50	24	20.09	20.00	20.11	
20	64QAM	50	50	20.00	19.96	20.11	
20	64QAM	100	0	20.04	19.98	20.07	
20	256QAM	1	0	20.13	20.13	20.07	20.7
20	256QAM	1	49	20.10	20.03	20.08	
20	256QAM	1	99	20.16	20.08	20.08	
20	256QAM	50	0	20.04	19.98	20.11	20.7
20	256QAM	50	24	20.07	19.99	20.11	
20	256QAM	50	50	20.01	19.96	20.10	
20	256QAM	100	0	20.04	19.96	20.04	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.99	19.80	20.10	21.5
15	QPSK	1	37	19.97	19.85	19.92	
15	QPSK	1	74	19.95	19.91	20.00	
15	QPSK	36	0	19.85	19.87	19.90	21.5
15	QPSK	36	20	19.93	19.81	19.84	
15	QPSK	36	39	19.88	19.80	19.93	
15	QPSK	75	0	19.91	19.85	20.09	
15	16QAM	1	0	19.91	20.02	19.94	21.5
15	16QAM	1	37	20.13	20.10	20.08	
15	16QAM	1	74	19.91	19.97	19.94	
15	16QAM	36	0	19.83	19.89	20.07	21.5
15	16QAM	36	20	19.83	19.83	19.99	
15	16QAM	36	39	19.89	19.98	20.03	
15	16QAM	75	0	19.93	19.92	20.11	
15	64QAM	1	0	19.85	19.86	19.89	21.5
15	64QAM	1	37	20.03	20.07	19.99	
15	64QAM	1	74	20.04	20.01	20.07	
15	64QAM	36	0	19.87	19.83	20.07	21.5
15	64QAM	36	20	20.01	19.92	20.04	
15	64QAM	36	39	19.97	19.87	20.08	
15	64QAM	75	0	20.03	19.79	19.87	
15	256QAM	1	0	20.04	20.10	19.95	20.7
15	256QAM	1	37	20.00	19.90	19.88	
15	256QAM	1	74	20.03	19.99	20.07	
15	256QAM	36	0	19.89	19.80	19.99	20.7
15	256QAM	36	20	19.89	19.99	20.08	

15	256QAM	36	39	19.89	19.88	19.91	
15	256QAM	75	0	20.04	19.91	19.87	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.90	19.93	20.15	21.5
10	QPSK	1	25	19.88	19.91	19.99	
10	QPSK	1	49	19.85	19.86	19.99	
10	QPSK	25	0	19.95	19.95	20.02	21.5
10	QPSK	25	12	19.97	20.00	19.93	
10	QPSK	25	25	19.92	19.85	19.88	
10	QPSK	50	0	19.97	19.99	20.05	
10	16QAM	1	0	19.98	20.05	20.05	21.5
10	16QAM	1	25	20.03	20.09	20.09	
10	16QAM	1	49	19.85	19.84	19.99	
10	16QAM	25	0	19.92	19.80	19.93	21.5
10	16QAM	25	12	19.97	19.96	20.10	
10	16QAM	25	25	19.88	19.81	20.00	
10	16QAM	50	0	19.85	19.94	20.00	
10	64QAM	1	0	19.81	19.79	19.94	21.5
10	64QAM	1	25	20.00	20.05	19.89	
10	64QAM	1	49	20.09	20.06	20.04	
10	64QAM	25	0	19.88	19.77	20.13	21.5
10	64QAM	25	12	20.02	19.87	20.04	
10	64QAM	25	25	19.96	19.87	19.97	
10	64QAM	50	0	19.91	19.78	19.98	
10	256QAM	1	0	20.01	20.13	20.07	20.7
10	256QAM	1	25	20.06	20.03	20.07	
10	256QAM	1	49	20.16	19.99	20.06	
10	256QAM	25	0	19.85	19.95	19.98	20.7
10	256QAM	25	12	19.97	19.99	19.99	
10	256QAM	25	25	19.83	19.80	20.06	
10	256QAM	50	0	20.03	19.95	19.93	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.91	19.93	20.04	21.5
5	QPSK	1	12	19.95	19.79	19.92	
5	QPSK	1	24	19.81	19.91	20.07	
5	QPSK	12	0	19.98	19.95	19.97	21.5
5	QPSK	12	7	20.01	19.86	19.87	
5	QPSK	12	13	20.01	19.90	19.86	
5	QPSK	25	0	20.01	19.97	20.01	
5	16QAM	1	0	19.89	20.11	19.89	21.5
5	16QAM	1	12	19.97	20.04	20.07	
5	16QAM	1	24	19.84	19.81	20.01	
5	16QAM	12	0	19.98	19.89	20.03	21.5
5	16QAM	12	7	19.88	19.96	19.98	
5	16QAM	12	13	19.97	19.85	20.07	
5	16QAM	25	0	19.95	19.84	19.95	
5	64QAM	1	0	19.78	19.89	19.98	21.5
5	64QAM	1	12	20.09	20.06	20.09	
5	64QAM	1	24	20.01	19.91	19.97	
5	64QAM	12	0	19.95	19.88	20.00	21.5
5	64QAM	12	7	20.03	19.82	20.11	
5	64QAM	12	13	19.83	19.93	19.96	
5	64QAM	25	0	19.92	19.82	19.90	
5	256QAM	1	0	20.00	20.06	19.92	20.7
5	256QAM	1	12	20.08	19.92	19.89	
5	256QAM	1	24	20.01	19.90	20.07	
5	256QAM	12	0	19.87	19.91	19.93	20.7
5	256QAM	12	7	19.88	19.86	20.02	
5	256QAM	12	13	19.93	19.90	20.04	
5	256QAM	25	0	19.86	19.80	19.89	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.08	19.84	20.09	21.5
3	QPSK	1	8	19.90	19.76	20.04	
3	QPSK	1	14	19.84	19.90	20.06	
3	QPSK	8	0	20.02	19.85	20.00	21.5
3	QPSK	8	4	19.94	19.95	19.84	
3	QPSK	8	7	19.89	19.80	19.91	
3	QPSK	15	0	19.93	19.84	19.97	
3	16QAM	1	0	20.03	20.14	19.94	21.5
3	16QAM	1	8	20.04	20.01	20.05	
3	16QAM	1	14	19.91	19.92	19.91	
3	16QAM	8	0	19.96	19.91	20.07	21.5
3	16QAM	8	4	19.84	19.83	20.08	
3	16QAM	8	7	20.06	19.82	20.07	
3	16QAM	15	0	19.82	19.86	20.10	
3	64QAM	1	0	19.95	19.83	19.96	21.5
3	64QAM	1	8	20.00	19.98	20.03	
3	64QAM	1	14	20.04	19.99	19.94	
3	64QAM	8	0	20.00	19.93	20.11	21.5
3	64QAM	8	4	20.01	19.92	20.08	
3	64QAM	8	7	19.86	19.91	19.91	
3	64QAM	15	0	20.03	19.79	19.88	
3	256QAM	1	0	20.08	19.94	19.99	20.7
3	256QAM	1	8	19.98	19.99	19.95	
3	256QAM	1	14	20.12	19.92	20.00	
3	256QAM	8	0	19.98	19.83	19.98	20.7
3	256QAM	8	4	19.87	19.80	19.93	
3	256QAM	8	7	19.86	19.87	20.01	
3	256QAM	15	0	20.00	19.93	20.04	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.06	20.00	20.12	21.5
1.4	QPSK	1	3	19.91	19.90	19.94	
1.4	QPSK	1	5	19.84	19.79	20.08	
1.4	QPSK	3	0	20.03	19.85	20.03	
1.4	QPSK	3	1	19.90	19.85	19.87	
1.4	QPSK	3	3	19.87	19.86	20.02	
1.4	QPSK	6	0	20.01	19.95	20.02	21.5
1.4	16QAM	1	0	19.96	20.02	20.09	21.5
1.4	16QAM	1	3	20.08	20.09	19.96	
1.4	16QAM	1	5	19.86	19.97	19.95	
1.4	16QAM	3	0	19.91	19.93	20.08	
1.4	16QAM	3	1	19.90	19.91	20.11	
1.4	16QAM	3	3	19.88	19.84	20.07	
1.4	16QAM	6	0	19.93	19.83	20.00	21.5
1.4	64QAM	1	0	19.78	19.88	19.98	21.5
1.4	64QAM	1	3	20.06	20.02	20.01	
1.4	64QAM	1	5	19.98	20.01	19.94	
1.4	64QAM	3	0	19.84	19.81	19.99	
1.4	64QAM	3	1	20.00	19.88	19.92	
1.4	64QAM	3	3	20.00	19.86	20.04	
1.4	64QAM	6	0	19.89	19.93	19.96	21.5
1.4	256QAM	1	0	19.93	19.97	20.01	20.7
1.4	256QAM	1	3	19.95	19.89	20.02	
1.4	256QAM	1	5	19.97	19.94	20.07	
1.4	256QAM	3	0	19.98	19.98	20.09	
1.4	256QAM	3	1	19.99	19.96	19.94	
1.4	256QAM	3	3	19.89	19.88	19.92	
1.4	256QAM	6	0	20.04	19.91	19.96	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.10	20.00	20.16	20.7
20	QPSK	1	49	20.06	19.96	20.09	
20	QPSK	1	99	19.99	19.98	20.13	
20	QPSK	50	0	20.05	20.03	20.09	20.7
20	QPSK	50	24	20.04	20.01	20.01	
20	QPSK	50	50	20.04	19.98	20.02	
20	QPSK	100	0	20.07	20.01	20.11	
20	16QAM	1	0	20.09	20.15	20.09	20.7
20	16QAM	1	49	20.15	20.11	20.11	
20	16QAM	1	99	20.02	20.00	20.09	
20	16QAM	50	0	20.03	19.99	20.12	20.7
20	16QAM	50	24	20.01	19.97	20.11	
20	16QAM	50	50	20.07	19.98	20.14	
20	16QAM	100	0	20.00	19.99	20.15	
20	64QAM	1	0	19.95	19.95	20.01	20.7
20	64QAM	1	49	20.16	20.08	20.09	
20	64QAM	1	99	20.15	20.10	20.11	
20	64QAM	50	0	20.00	19.97	20.13	20.7
20	64QAM	50	24	20.09	20.00	20.11	
20	64QAM	50	50	20.00	19.96	20.11	
20	64QAM	100	0	20.04	19.98	20.07	
20	256QAM	1	0	20.13	20.13	20.07	20.7
20	256QAM	1	49	20.10	20.03	20.08	
20	256QAM	1	99	20.16	20.08	20.08	
20	256QAM	50	0	20.04	19.98	20.11	20.7
20	256QAM	50	24	20.07	19.99	20.11	
20	256QAM	50	50	20.01	19.96	20.10	
20	256QAM	100	0	20.04	19.96	20.04	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.99	19.80	20.10	20.7
15	QPSK	1	37	19.97	19.85	19.92	
15	QPSK	1	74	19.95	19.91	20.00	
15	QPSK	36	0	19.85	19.87	19.90	20.7
15	QPSK	36	20	19.93	19.81	19.84	
15	QPSK	36	39	19.88	19.80	19.93	
15	QPSK	75	0	19.91	19.85	20.09	
15	16QAM	1	0	19.91	20.02	19.94	20.7
15	16QAM	1	37	20.13	20.10	20.08	
15	16QAM	1	74	19.91	19.97	19.94	
15	16QAM	36	0	19.83	19.89	20.07	20.7
15	16QAM	36	20	19.83	19.83	19.99	
15	16QAM	36	39	19.89	19.98	20.03	
15	16QAM	75	0	19.93	19.92	20.11	
15	64QAM	1	0	19.85	19.86	19.89	20.7
15	64QAM	1	37	20.03	20.07	19.99	
15	64QAM	1	74	20.04	20.01	20.07	
15	64QAM	36	0	19.87	19.83	20.07	20.7
15	64QAM	36	20	20.01	19.92	20.04	
15	64QAM	36	39	19.97	19.87	20.08	
15	64QAM	75	0	20.03	19.79	19.87	
15	256QAM	1	0	20.04	20.10	19.95	20.7
15	256QAM	1	37	20.00	19.90	19.88	
15	256QAM	1	74	20.03	19.99	20.07	
15	256QAM	36	0	19.89	19.80	19.99	20.7
15	256QAM	36	20	19.89	19.99	20.08	

15	256QAM	36	39	19.89	19.88	19.91	
15	256QAM	75	0	20.04	19.91	19.87	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.90	19.93	20.15	20.7
10	QPSK	1	25	19.88	19.91	19.99	
10	QPSK	1	49	19.85	19.86	19.99	
10	QPSK	25	0	19.95	19.95	20.02	20.7
10	QPSK	25	12	19.97	20.00	19.93	
10	QPSK	25	25	19.92	19.85	19.88	
10	QPSK	50	0	19.97	19.99	20.05	
10	16QAM	1	0	19.98	20.05	20.05	20.7
10	16QAM	1	25	20.03	20.09	20.09	
10	16QAM	1	49	19.85	19.84	19.99	
10	16QAM	25	0	19.92	19.80	19.93	20.7
10	16QAM	25	12	19.97	19.96	20.10	
10	16QAM	25	25	19.88	19.81	20.00	
10	16QAM	50	0	19.85	19.94	20.00	
10	64QAM	1	0	19.81	19.79	19.94	20.7
10	64QAM	1	25	20.00	20.05	19.89	
10	64QAM	1	49	20.09	20.06	20.04	
10	64QAM	25	0	19.88	19.77	20.13	20.7
10	64QAM	25	12	20.02	19.87	20.04	
10	64QAM	25	25	19.96	19.87	19.97	
10	64QAM	50	0	19.91	19.78	19.98	
10	256QAM	1	0	20.01	20.13	20.07	20.7
10	256QAM	1	25	20.06	20.03	20.07	
10	256QAM	1	49	20.16	19.99	20.06	
10	256QAM	25	0	19.85	19.95	19.98	20.7
10	256QAM	25	12	19.97	19.99	19.99	
10	256QAM	25	25	19.83	19.80	20.06	
10	256QAM	50	0	20.03	19.95	19.93	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.91	19.93	20.04	20.7
5	QPSK	1	12	19.95	19.79	19.92	
5	QPSK	1	24	19.81	19.91	20.07	
5	QPSK	12	0	19.98	19.95	19.97	20.7
5	QPSK	12	7	20.01	19.86	19.87	
5	QPSK	12	13	20.01	19.90	19.86	
5	QPSK	25	0	20.01	19.97	20.01	
5	16QAM	1	0	19.89	20.11	19.89	20.7
5	16QAM	1	12	19.97	20.04	20.07	
5	16QAM	1	24	19.84	19.81	20.01	
5	16QAM	12	0	19.98	19.89	20.03	20.7
5	16QAM	12	7	19.88	19.96	19.98	
5	16QAM	12	13	19.97	19.85	20.07	
5	16QAM	25	0	19.95	19.84	19.95	
5	64QAM	1	0	19.78	19.89	19.98	20.7
5	64QAM	1	12	20.09	20.06	20.09	
5	64QAM	1	24	20.01	19.91	19.97	
5	64QAM	12	0	19.95	19.88	20.00	20.7
5	64QAM	12	7	20.03	19.82	20.11	
5	64QAM	12	13	19.83	19.93	19.96	
5	64QAM	25	0	19.92	19.82	19.90	
5	256QAM	1	0	20.00	20.06	19.92	20.7
5	256QAM	1	12	20.08	19.92	19.89	
5	256QAM	1	24	20.01	19.90	20.07	
5	256QAM	12	0	19.87	19.91	19.93	20.7
5	256QAM	12	7	19.88	19.86	20.02	
5	256QAM	12	13	19.93	19.90	20.04	
5	256QAM	25	0	19.86	19.80	19.89	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.08	19.84	20.09	20.7
3	QPSK	1	8	19.90	19.76	20.04	
3	QPSK	1	14	19.84	19.90	20.06	
3	QPSK	8	0	20.02	19.85	20.00	20.7
3	QPSK	8	4	19.94	19.95	19.84	
3	QPSK	8	7	19.89	19.80	19.91	
3	QPSK	15	0	19.93	19.84	19.97	
3	16QAM	1	0	20.03	20.14	19.94	20.7
3	16QAM	1	8	20.04	20.01	20.05	
3	16QAM	1	14	19.91	19.92	19.91	
3	16QAM	8	0	19.96	19.91	20.07	20.7
3	16QAM	8	4	19.84	19.83	20.08	
3	16QAM	8	7	20.06	19.82	20.07	
3	16QAM	15	0	19.82	19.86	20.10	
3	64QAM	1	0	19.95	19.83	19.96	20.7
3	64QAM	1	8	20.00	19.98	20.03	
3	64QAM	1	14	20.04	19.99	19.94	
3	64QAM	8	0	20.00	19.93	20.11	20.7
3	64QAM	8	4	20.01	19.92	20.08	
3	64QAM	8	7	19.86	19.91	19.91	
3	64QAM	15	0	20.03	19.79	19.88	
3	256QAM	1	0	20.08	19.94	19.99	20.7
3	256QAM	1	8	19.98	19.99	19.95	
3	256QAM	1	14	20.12	19.92	20.00	
3	256QAM	8	0	19.98	19.83	19.98	20.7
3	256QAM	8	4	19.87	19.80	19.93	
3	256QAM	8	7	19.86	19.87	20.01	
3	256QAM	15	0	20.00	19.93	20.04	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.06	20.00	20.12	20.7
1.4	QPSK	1	3	19.91	19.90	19.94	
1.4	QPSK	1	5	19.84	19.79	20.08	
1.4	QPSK	3	0	20.03	19.85	20.03	
1.4	QPSK	3	1	19.90	19.85	19.87	
1.4	QPSK	3	3	19.87	19.86	20.02	
1.4	QPSK	6	0	20.01	19.95	20.02	20.7
1.4	16QAM	1	0	19.96	20.02	20.09	20.7
1.4	16QAM	1	3	20.08	20.09	19.96	
1.4	16QAM	1	5	19.86	19.97	19.95	
1.4	16QAM	3	0	19.91	19.93	20.08	
1.4	16QAM	3	1	19.90	19.91	20.11	
1.4	16QAM	3	3	19.88	19.84	20.07	
1.4	16QAM	6	0	19.93	19.83	20.00	20.7
1.4	64QAM	1	0	19.78	19.88	19.98	20.7
1.4	64QAM	1	3	20.06	20.02	20.01	
1.4	64QAM	1	5	19.98	20.01	19.94	
1.4	64QAM	3	0	19.84	19.81	19.99	
1.4	64QAM	3	1	20.00	19.88	19.92	
1.4	64QAM	3	3	20.00	19.86	20.04	
1.4	64QAM	6	0	19.89	19.93	19.96	20.7
1.4	256QAM	1	0	19.93	19.97	20.01	20.7
1.4	256QAM	1	3	19.95	19.89	20.02	
1.4	256QAM	1	5	19.97	19.94	20.07	
1.4	256QAM	3	0	19.98	19.98	20.09	
1.4	256QAM	3	1	19.99	19.96	19.94	
1.4	256QAM	3	3	19.89	19.88	19.92	
1.4	256QAM	6	0	20.04	19.91	19.96	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	13.22	13.29	13.28	14.9
20	QPSK	1	49	12.92	12.99	12.90	
20	QPSK	1	99	12.91	13.05	12.96	
20	QPSK	50	0	13.07	13.20	13.19	14.9
20	QPSK	50	24	13.04	13.15	13.16	
20	QPSK	50	50	12.93	13.07	13.00	
20	QPSK	100	0	12.94	13.04	12.95	
20	16QAM	1	0	13.09	13.20	13.18	14.9
20	16QAM	1	49	13.12	13.24	13.19	
20	16QAM	1	99	13.03	13.16	13.14	
20	16QAM	50	0	12.94	13.09	13.03	14.9
20	16QAM	50	24	12.95	13.02	12.97	
20	16QAM	50	50	12.92	13.07	12.98	
20	16QAM	100	0	13.04	13.15	13.09	
20	64QAM	1	0	13.13	13.26	13.23	14.9
20	64QAM	1	49	13.11	13.27	13.24	
20	64QAM	1	99	12.98	13.12	13.07	
20	64QAM	50	0	13.01	13.17	13.13	14.9
20	64QAM	50	24	12.92	13.02	12.94	
20	64QAM	50	50	12.99	12.96	12.93	
20	64QAM	100	0	12.94	13.00	12.95	
20	256QAM	1	0	13.17	13.10	13.26	14.9
20	256QAM	1	49	12.93	13.03	12.94	
20	256QAM	1	99	12.97	13.09	13.04	
20	256QAM	50	0	12.94	13.03	13.04	14.9
20	256QAM	50	24	13.08	13.18	13.19	
20	256QAM	50	50	12.90	12.96	12.97	
20	256QAM	100	0	12.98	13.05	13.05	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	13.15	13.20	13.23	14.9
15	QPSK	1	37	12.99	12.94	12.91	
15	QPSK	1	74	12.98	12.97	12.93	
15	QPSK	36	0	12.99	13.08	13.17	14.9
15	QPSK	36	20	12.98	13.00	13.10	
15	QPSK	36	39	12.98	12.92	12.90	
15	QPSK	75	0	12.92	12.98	12.93	
15	16QAM	1	0	13.09	13.18	13.02	14.9
15	16QAM	1	37	13.06	13.13	13.14	
15	16QAM	1	74	13.02	13.07	13.09	
15	16QAM	36	0	12.90	12.98	12.97	14.9
15	16QAM	36	20	12.94	12.98	12.94	
15	16QAM	36	39	12.91	13.01	12.91	
15	16QAM	75	0	12.98	13.07	12.98	
15	64QAM	1	0	13.13	13.23	13.07	14.9
15	64QAM	1	37	13.05	13.18	13.17	
15	64QAM	1	74	12.97	12.99	13.04	
15	64QAM	36	0	12.97	13.14	13.10	14.9
15	64QAM	36	20	12.95	12.93	12.90	
15	64QAM	36	39	12.95	12.97	12.90	
15	64QAM	75	0	12.99	12.90	12.99	
15	256QAM	1	0	13.12	12.97	13.08	14.9
15	256QAM	1	37	12.98	12.98	12.96	
15	256QAM	1	74	12.99	13.02	12.94	
15	256QAM	36	0	12.91	13.01	12.95	14.9
15	256QAM	36	20	12.93	13.12	13.06	
15	256QAM	36	39	12.92	12.95	12.91	

15	256QAM	75	0	12.97	13.00	13.01	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	13.09	13.25	13.10	14.9
10	QPSK	1	25	12.96	12.93	12.98	
10	QPSK	1	49	12.96	12.90	12.93	
10	QPSK	25	0	12.92	13.01	13.19	14.9
10	QPSK	25	12	12.98	12.99	13.04	
10	QPSK	25	25	12.93	13.00	12.94	
10	QPSK	50	0	12.95	13.03	12.98	
10	16QAM	1	0	13.04	13.13	13.12	14.9
10	16QAM	1	25	13.07	13.19	13.18	
10	16QAM	1	49	13.02	12.98	13.09	
10	16QAM	25	0	12.94	12.99	13.01	14.9
10	16QAM	25	12	12.90	12.94	12.92	
10	16QAM	25	25	12.99	12.91	12.98	
10	16QAM	50	0	12.98	13.05	13.01	
10	64QAM	1	0	12.95	13.09	13.11	14.9
10	64QAM	1	25	12.93	13.17	13.14	
10	64QAM	1	49	12.90	13.02	12.95	
10	64QAM	25	0	12.90	13.01	12.99	14.9
10	64QAM	25	12	12.90	12.93	12.91	
10	64QAM	25	25	12.99	12.93	12.96	
10	64QAM	50	0	12.96	12.94	12.99	
10	256QAM	1	0	13.05	13.06	13.15	14.9
10	256QAM	1	25	12.93	12.98	12.96	
10	256QAM	1	49	12.97	12.99	13.01	
10	256QAM	25	0	12.90	12.93	12.94	14.9
10	256QAM	25	12	13.01	13.10	13.10	
10	256QAM	25	25	12.95	12.97	12.96	
10	256QAM	50	0	12.93	13.00	12.98	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	13.13	13.28	13.18	14.9
5	QPSK	1	12	12.93	12.97	12.92	
5	QPSK	1	24	12.96	13.04	12.90	
5	QPSK	12	0	12.98	13.02	13.11	14.9
5	QPSK	12	7	12.95	13.04	13.01	
5	QPSK	12	13	12.99	13.03	12.96	
5	QPSK	25	0	12.97	12.99	12.97	
5	16QAM	1	0	12.97	13.02	13.17	14.9
5	16QAM	1	12	13.01	13.18	13.00	
5	16QAM	1	24	12.96	13.08	12.94	
5	16QAM	12	0	12.93	12.95	12.98	14.9
5	16QAM	12	7	12.95	12.97	12.92	
5	16QAM	12	13	12.97	12.96	12.92	
5	16QAM	25	0	12.92	13.12	12.97	
5	64QAM	1	0	13.09	13.14	13.17	14.9
5	64QAM	1	12	12.95	13.17	13.18	
5	64QAM	1	24	12.97	13.01	12.97	
5	64QAM	12	0	13.00	13.14	13.06	14.9
5	64QAM	12	7	12.90	12.92	12.90	
5	64QAM	12	13	12.98	12.96	12.90	
5	64QAM	25	0	12.90	12.93	12.91	
5	256QAM	1	0	13.00	13.08	13.07	14.9
5	256QAM	1	12	12.93	12.96	12.95	
5	256QAM	1	24	12.95	13.04	12.94	
5	256QAM	12	0	12.95	12.98	12.97	14.9
5	256QAM	12	7	13.01	13.12	13.13	
5	256QAM	12	13	12.97	12.91	12.97	
5	256QAM	25	0	12.93	12.99	13.03	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	13.08	13.11	13.20	14.9
3	QPSK	1	8	12.93	12.91	12.95	
3	QPSK	1	14	12.98	12.99	12.93	
3	QPSK	8	0	12.99	13.11	13.11	14.9
3	QPSK	8	4	13.00	12.96	13.14	
3	QPSK	8	7	12.90	12.91	12.99	
3	QPSK	15	0	12.96	13.01	12.95	
3	16QAM	1	0	13.05	13.10	13.05	14.9
3	16QAM	1	8	13.05	13.13	13.00	
3	16QAM	1	14	12.96	13.01	13.11	
3	16QAM	8	0	12.95	13.06	12.90	14.9
3	16QAM	8	4	12.91	13.01	12.90	
3	16QAM	8	7	12.97	13.05	12.95	
3	16QAM	15	0	13.01	13.14	13.07	
3	64QAM	1	0	12.97	13.16	13.09	14.9
3	64QAM	1	8	12.91	13.22	13.20	
3	64QAM	1	14	12.98	12.94	12.92	
3	64QAM	8	0	12.93	13.14	13.08	14.9
3	64QAM	8	4	12.97	12.94	12.91	
3	64QAM	8	7	12.92	12.95	12.93	
3	64QAM	15	0	12.96	12.93	12.94	
3	256QAM	1	0	13.17	12.90	13.12	14.9
3	256QAM	1	8	12.93	12.93	12.90	
3	256QAM	1	14	12.93	12.97	12.99	
3	256QAM	8	0	12.94	13.00	12.94	14.9
3	256QAM	8	4	13.08	13.13	12.99	
3	256QAM	8	7	12.95	12.95	12.91	
3	256QAM	15	0	12.98	13.01	12.96	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	13.17	13.18	13.19	14.9
1.4	QPSK	1	3	12.91	12.96	12.97	
1.4	QPSK	1	5	12.90	12.90	12.96	
1.4	QPSK	3	0	12.97	13.15	13.08	
1.4	QPSK	3	1	12.95	12.95	13.06	
1.4	QPSK	3	3	12.92	12.90	12.96	
1.4	QPSK	6	0	12.95	12.97	12.95	14.9
1.4	16QAM	1	0	13.06	13.04	13.04	14.9
1.4	16QAM	1	3	13.07	13.12	13.17	
1.4	16QAM	1	5	12.99	13.07	13.07	
1.4	16QAM	3	0	12.99	12.94	12.94	
1.4	16QAM	3	1	12.91	12.95	12.92	
1.4	16QAM	3	3	12.98	12.92	12.95	
1.4	16QAM	6	0	12.89	12.99	13.03	14.9
1.4	64QAM	1	0	13.05	13.06	13.03	14.9
1.4	64QAM	1	3	13.11	13.07	13.22	
1.4	64QAM	1	5	12.94	12.92	12.92	
1.4	64QAM	3	0	12.91	13.02	12.97	
1.4	64QAM	3	1	12.98	13.01	12.98	
1.4	64QAM	3	3	12.99	12.93	12.93	
1.4	64QAM	6	0	12.97	12.96	12.95	14.9
1.4	256QAM	1	0	13.09	13.10	13.07	14.9
1.4	256QAM	1	3	12.90	12.94	12.94	
1.4	256QAM	1	5	12.91	13.01	12.92	
1.4	256QAM	3	0	12.91	12.98	12.96	
1.4	256QAM	3	1	12.92	13.04	13.01	
1.4	256QAM	3	3	12.98	12.98	12.90	
1.4	256QAM	6	0	12.96	12.98	12.99	14.9

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	13.22	13.29	13.28	14.1
20	QPSK	1	49	12.92	12.99	12.90	
20	QPSK	1	99	12.91	13.05	12.96	
20	QPSK	50	0	13.07	13.20	13.19	14.1
20	QPSK	50	24	13.04	13.15	13.16	
20	QPSK	50	50	12.93	13.07	13.00	
20	QPSK	100	0	12.94	13.04	12.95	
20	16QAM	1	0	13.09	13.20	13.18	14.1
20	16QAM	1	49	13.12	13.24	13.19	
20	16QAM	1	99	13.03	13.16	13.14	
20	16QAM	50	0	12.94	13.09	13.03	14.1
20	16QAM	50	24	12.95	13.02	12.97	
20	16QAM	50	50	12.92	13.07	12.98	
20	16QAM	100	0	13.04	13.15	13.09	
20	64QAM	1	0	13.13	13.26	13.23	14.1
20	64QAM	1	49	13.11	13.27	13.24	
20	64QAM	1	99	12.98	13.12	13.07	
20	64QAM	50	0	13.01	13.17	13.13	14.1
20	64QAM	50	24	12.92	13.02	12.94	
20	64QAM	50	50	12.99	12.96	12.93	
20	64QAM	100	0	12.94	13.00	12.95	
20	256QAM	1	0	13.17	13.10	13.26	14.1
20	256QAM	1	49	12.93	13.03	12.94	
20	256QAM	1	99	12.97	13.09	13.04	
20	256QAM	50	0	12.94	13.03	13.04	14.1
20	256QAM	50	24	13.08	13.18	13.19	
20	256QAM	50	50	12.90	12.96	12.97	
20	256QAM	100	0	12.98	13.05	13.05	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	13.15	13.20	13.23	14.1
15	QPSK	1	37	12.99	12.94	12.91	
15	QPSK	1	74	12.98	12.97	12.93	
15	QPSK	36	0	12.99	13.08	13.17	14.1
15	QPSK	36	20	12.98	13.00	13.10	
15	QPSK	36	39	12.98	12.92	12.90	
15	QPSK	75	0	12.92	12.98	12.93	
15	16QAM	1	0	13.09	13.18	13.02	14.1
15	16QAM	1	37	13.06	13.13	13.14	
15	16QAM	1	74	13.02	13.07	13.09	
15	16QAM	36	0	12.90	12.98	12.97	14.1
15	16QAM	36	20	12.94	12.98	12.94	
15	16QAM	36	39	12.91	13.01	12.91	
15	16QAM	75	0	12.98	13.07	12.98	
15	64QAM	1	0	13.13	13.23	13.07	14.1
15	64QAM	1	37	13.05	13.18	13.17	
15	64QAM	1	74	12.97	12.99	13.04	
15	64QAM	36	0	12.97	13.14	13.10	14.1
15	64QAM	36	20	12.95	12.93	12.90	
15	64QAM	36	39	12.95	12.97	12.90	
15	64QAM	75	0	12.99	12.90	12.99	
15	256QAM	1	0	13.12	12.97	13.08	14.1
15	256QAM	1	37	12.98	12.98	12.96	
15	256QAM	1	74	12.99	13.02	12.94	
15	256QAM	36	0	12.91	13.01	12.95	14.1
15	256QAM	36	20	12.93	13.12	13.06	
15	256QAM	36	39	12.92	12.95	12.91	

15	256QAM	75	0	12.97	13.00	13.01	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	13.09	13.25	13.10	14.1
10	QPSK	1	25	12.96	12.93	12.98	
10	QPSK	1	49	12.96	12.90	12.93	
10	QPSK	25	0	12.92	13.01	13.19	14.1
10	QPSK	25	12	12.98	12.99	13.04	
10	QPSK	25	25	12.93	13.00	12.94	
10	QPSK	50	0	12.95	13.03	12.98	
10	16QAM	1	0	13.04	13.13	13.12	14.1
10	16QAM	1	25	13.07	13.19	13.18	
10	16QAM	1	49	13.02	12.98	13.09	
10	16QAM	25	0	12.94	12.99	13.01	14.1
10	16QAM	25	12	12.90	12.94	12.92	
10	16QAM	25	25	12.99	12.91	12.98	
10	16QAM	50	0	12.98	13.05	13.01	
10	64QAM	1	0	12.95	13.09	13.11	14.1
10	64QAM	1	25	12.93	13.17	13.14	
10	64QAM	1	49	12.90	13.02	12.95	
10	64QAM	25	0	12.90	13.01	12.99	14.1
10	64QAM	25	12	12.90	12.93	12.91	
10	64QAM	25	25	12.99	12.93	12.96	
10	64QAM	50	0	12.96	12.94	12.99	
10	256QAM	1	0	13.05	13.06	13.15	14.1
10	256QAM	1	25	12.93	12.98	12.96	
10	256QAM	1	49	12.97	12.99	13.01	
10	256QAM	25	0	12.90	12.93	12.94	14.1
10	256QAM	25	12	13.01	13.10	13.10	
10	256QAM	25	25	12.95	12.97	12.96	
10	256QAM	50	0	12.93	13.00	12.98	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	13.13	13.28	13.18	14.1
5	QPSK	1	12	12.93	12.97	12.92	
5	QPSK	1	24	12.96	13.04	12.90	
5	QPSK	12	0	12.98	13.02	13.11	14.1
5	QPSK	12	7	12.95	13.04	13.01	
5	QPSK	12	13	12.99	13.03	12.96	
5	QPSK	25	0	12.97	12.99	12.97	
5	16QAM	1	0	12.97	13.02	13.17	14.1
5	16QAM	1	12	13.01	13.18	13.00	
5	16QAM	1	24	12.96	13.08	12.94	
5	16QAM	12	0	12.93	12.95	12.98	14.1
5	16QAM	12	7	12.95	12.97	12.92	
5	16QAM	12	13	12.97	12.96	12.92	
5	16QAM	25	0	12.92	13.12	12.97	
5	64QAM	1	0	13.09	13.14	13.17	14.1
5	64QAM	1	12	12.95	13.17	13.18	
5	64QAM	1	24	12.97	13.01	12.97	
5	64QAM	12	0	13.00	13.14	13.06	14.1
5	64QAM	12	7	12.90	12.92	12.90	
5	64QAM	12	13	12.98	12.96	12.90	
5	64QAM	25	0	12.90	12.93	12.91	
5	256QAM	1	0	13.00	13.08	13.07	14.1
5	256QAM	1	12	12.93	12.96	12.95	
5	256QAM	1	24	12.95	13.04	12.94	
5	256QAM	12	0	12.95	12.98	12.97	14.1
5	256QAM	12	7	13.01	13.12	13.13	
5	256QAM	12	13	12.97	12.91	12.97	
5	256QAM	25	0	12.93	12.99	13.03	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	13.08	13.11	13.20	14.1
3	QPSK	1	8	12.93	12.91	12.95	
3	QPSK	1	14	12.98	12.99	12.93	
3	QPSK	8	0	12.99	13.11	13.11	14.1
3	QPSK	8	4	13.00	12.96	13.14	
3	QPSK	8	7	12.90	12.91	12.99	
3	QPSK	15	0	12.96	13.01	12.95	
3	16QAM	1	0	13.05	13.10	13.05	14.1
3	16QAM	1	8	13.05	13.13	13.00	
3	16QAM	1	14	12.96	13.01	13.11	
3	16QAM	8	0	12.95	13.06	12.90	14.1
3	16QAM	8	4	12.91	13.01	12.90	
3	16QAM	8	7	12.97	13.05	12.95	
3	16QAM	15	0	13.01	13.14	13.07	
3	64QAM	1	0	12.97	13.16	13.09	14.1
3	64QAM	1	8	12.91	13.22	13.20	
3	64QAM	1	14	12.98	12.94	12.92	
3	64QAM	8	0	12.93	13.14	13.08	14.1
3	64QAM	8	4	12.97	12.94	12.91	
3	64QAM	8	7	12.92	12.95	12.93	
3	64QAM	15	0	12.96	12.93	12.94	
3	256QAM	1	0	13.17	12.90	13.12	14.1
3	256QAM	1	8	12.93	12.93	12.90	
3	256QAM	1	14	12.93	12.97	12.99	
3	256QAM	8	0	12.94	13.00	12.94	14.1
3	256QAM	8	4	13.08	13.13	12.99	
3	256QAM	8	7	12.95	12.95	12.91	
3	256QAM	15	0	12.98	13.01	12.96	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	13.17	13.18	13.19	14.1
1.4	QPSK	1	3	12.91	12.96	12.97	
1.4	QPSK	1	5	12.90	12.90	12.96	
1.4	QPSK	3	0	12.97	13.15	13.08	
1.4	QPSK	3	1	12.95	12.95	13.06	
1.4	QPSK	3	3	12.92	12.90	12.96	
1.4	QPSK	6	0	12.95	12.97	12.95	14.1
1.4	16QAM	1	0	13.06	13.04	13.04	14.1
1.4	16QAM	1	3	13.07	13.12	13.17	
1.4	16QAM	1	5	12.99	13.07	13.07	
1.4	16QAM	3	0	12.99	12.94	12.94	
1.4	16QAM	3	1	12.91	12.95	12.92	
1.4	16QAM	3	3	12.98	12.92	12.95	
1.4	16QAM	6	0	12.89	12.99	13.03	14.1
1.4	64QAM	1	0	13.05	13.06	13.03	14.1
1.4	64QAM	1	3	13.11	13.07	13.22	
1.4	64QAM	1	5	12.94	12.92	12.92	
1.4	64QAM	3	0	12.91	13.02	12.97	
1.4	64QAM	3	1	12.98	13.01	12.98	
1.4	64QAM	3	3	12.99	12.93	12.93	
1.4	64QAM	6	0	12.97	12.96	12.95	14.1
1.4	256QAM	1	0	13.09	13.10	13.07	14.1
1.4	256QAM	1	3	12.90	12.94	12.94	
1.4	256QAM	1	5	12.91	13.01	12.92	
1.4	256QAM	3	0	12.91	12.98	12.96	
1.4	256QAM	3	1	12.92	13.04	13.01	
1.4	256QAM	3	3	12.98	12.98	12.90	
1.4	256QAM	6	0	12.96	12.98	12.99	14.1

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.18	19.19	19.17	19.3
20	QPSK	1	49	19.08	19.15	19.04	
20	QPSK	1	99	19.11	19.14	19.03	
20	QPSK	50	0	19.07	19.11	19.02	19.3
20	QPSK	50	24	19.05	19.09	18.99	
20	QPSK	50	50	19.02	19.09	18.97	
20	QPSK	100	0	18.97	19.08	18.96	
20	16QAM	1	0	19.07	19.11	18.99	19.3
20	16QAM	1	49	18.99	19.05	19.02	
20	16QAM	1	99	18.98	19.00	18.88	
20	16QAM	50	0	19.09	19.14	19.04	19.3
20	16QAM	50	24	18.97	19.07	18.97	
20	16QAM	50	50	19.01	19.11	19.03	
20	16QAM	100	0	19.03	19.14	19.10	
20	64QAM	1	0	19.12	19.14	19.07	19.3
20	64QAM	1	49	19.07	19.11	19.02	
20	64QAM	1	99	19.02	19.11	19.00	
20	64QAM	50	0	19.01	19.03	18.97	19.3
20	64QAM	50	24	19.11	19.16	19.06	
20	64QAM	50	50	18.98	19.08	19.01	
20	64QAM	100	0	19.07	19.08	18.98	
20	256QAM	1	0	19.12	19.13	19.08	19.3
20	256QAM	1	49	19.07	19.14	19.03	
20	256QAM	1	99	19.15	19.16	19.07	
20	256QAM	50	0	18.93	19.02	18.94	19.3
20	256QAM	50	24	19.04	19.06	18.96	
20	256QAM	50	50	18.89	18.97	18.95	
20	256QAM	100	0	18.89	18.98	18.86	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.02	19.11	19.17	19.3
15	QPSK	1	37	18.92	19.01	18.89	
15	QPSK	1	74	18.98	19.05	18.86	
15	QPSK	36	0	19.01	18.91	18.84	19.3
15	QPSK	36	20	18.94	18.92	18.84	
15	QPSK	36	39	19.02	18.93	18.97	
15	QPSK	75	0	18.83	18.93	18.95	
15	16QAM	1	0	18.89	19.06	18.99	19.3
15	16QAM	1	37	18.82	18.89	18.87	
15	16QAM	1	74	18.87	18.97	18.75	
15	16QAM	36	0	19.01	18.97	18.95	19.3
15	16QAM	36	20	18.95	19.02	18.91	
15	16QAM	36	39	18.81	18.91	18.85	
15	16QAM	75	0	18.84	18.99	19.00	
15	64QAM	1	0	19.09	19.02	19.05	19.3
15	64QAM	1	37	18.89	19.06	18.91	
15	64QAM	1	74	18.87	18.92	18.92	
15	64QAM	36	0	18.86	18.89	18.80	19.3
15	64QAM	36	20	19.09	19.10	18.88	
15	64QAM	36	39	18.91	19.07	19.01	
15	64QAM	75	0	18.99	18.90	18.82	
15	256QAM	1	0	19.10	18.94	19.03	19.3
15	256QAM	1	37	18.98	18.94	18.99	
15	256QAM	1	74	19.10	19.12	18.97	
15	256QAM	36	0	18.93	18.90	18.77	19.3
15	256QAM	36	20	18.89	18.95	18.91	
15	256QAM	36	39	18.83	18.92	18.92	

15	256QAM	75	0	18.73	18.81	18.84	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.05	19.14	19.01	19.3
10	QPSK	1	25	18.93	19.04	18.85	
10	QPSK	1	49	19.08	19.10	18.93	
10	QPSK	25	0	18.93	18.91	18.95	19.3
10	QPSK	25	12	19.01	19.03	18.97	
10	QPSK	25	25	18.98	18.95	18.86	
10	QPSK	50	0	18.80	18.93	18.92	
10	16QAM	1	0	19.01	19.01	18.90	19.3
10	16QAM	1	25	18.99	19.02	18.86	
10	16QAM	1	49	18.94	18.92	18.82	
10	16QAM	25	0	18.90	18.97	18.89	19.3
10	16QAM	25	12	18.90	18.88	18.83	
10	16QAM	25	25	18.95	19.07	19.03	
10	16QAM	50	0	19.03	19.13	19.02	
10	64QAM	1	0	19.06	19.12	18.98	19.3
10	64QAM	1	25	18.90	18.99	18.90	
10	64QAM	1	49	18.94	19.11	18.81	
10	64QAM	25	0	18.95	19.01	18.90	19.3
10	64QAM	25	12	18.93	19.09	18.97	
10	64QAM	25	25	18.91	18.95	18.93	
10	64QAM	50	0	18.96	18.89	18.85	
10	256QAM	1	0	18.98	19.03	18.89	19.3
10	256QAM	1	25	18.98	18.99	19.02	
10	256QAM	1	49	19.13	19.08	18.95	
10	256QAM	25	0	18.78	18.94	18.84	19.3
10	256QAM	25	12	18.99	18.90	18.93	
10	256QAM	25	25	18.87	18.78	18.80	
10	256QAM	50	0	18.79	18.88	18.71	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.17	19.07	19.06	19.3
5	QPSK	1	12	18.91	19.07	18.86	
5	QPSK	1	24	19.08	19.02	18.99	
5	QPSK	12	0	19.00	19.07	18.92	19.3
5	QPSK	12	7	18.98	19.02	18.89	
5	QPSK	12	13	18.86	18.96	18.88	
5	QPSK	25	0	18.85	18.88	18.83	
5	16QAM	1	0	19.02	18.95	18.89	19.3
5	16QAM	1	12	18.82	18.99	18.86	
5	16QAM	1	24	18.88	18.90	18.80	
5	16QAM	12	0	19.07	19.04	18.93	19.3
5	16QAM	12	7	18.95	19.01	18.86	
5	16QAM	12	13	18.86	18.98	18.88	
5	16QAM	25	0	18.95	19.03	18.94	
5	64QAM	1	0	18.94	19.07	18.94	19.3
5	64QAM	1	12	19.04	18.93	18.92	
5	64QAM	1	24	18.94	19.04	18.87	
5	64QAM	12	0	19.00	18.90	18.95	19.3
5	64QAM	12	7	18.93	19.01	18.89	
5	64QAM	12	13	18.85	18.93	18.88	
5	64QAM	25	0	19.02	18.88	18.81	
5	256QAM	1	0	18.95	19.12	18.92	19.3
5	256QAM	1	12	18.97	19.00	19.01	
5	256QAM	1	24	19.08	19.14	19.04	
5	256QAM	12	0	18.78	18.96	18.84	19.3
5	256QAM	12	7	18.94	19.00	18.81	
5	256QAM	12	13	18.73	18.90	18.93	
5	256QAM	25	0	18.72	18.95	18.71	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.03	19.09	19.06	19.3
3	QPSK	1	8	18.88	19.12	18.93	
3	QPSK	1	14	19.01	19.13	18.94	
3	QPSK	8	0	19.01	19.01	18.90	19.3
3	QPSK	8	4	18.99	19.00	18.85	
3	QPSK	8	7	18.84	19.09	18.93	
3	QPSK	15	0	18.77	19.08	18.83	
3	16QAM	1	0	19.01	19.03	18.96	19.3
3	16QAM	1	8	18.86	19.00	18.86	
3	16QAM	1	14	18.98	18.85	18.86	
3	16QAM	8	0	19.00	19.03	18.97	19.3
3	16QAM	8	4	18.79	18.89	18.89	
3	16QAM	8	7	18.90	19.11	19.03	
3	16QAM	15	0	18.88	19.03	18.94	
3	64QAM	1	0	18.98	19.10	18.99	19.3
3	64QAM	1	8	18.97	19.02	18.95	
3	64QAM	1	14	18.91	19.04	18.97	
3	64QAM	8	0	18.81	19.02	18.94	19.3
3	64QAM	8	4	19.05	18.98	18.91	
3	64QAM	8	7	18.88	19.04	18.97	
3	64QAM	15	0	19.07	18.98	18.96	
3	256QAM	1	0	19.11	19.09	19.00	19.3
3	256QAM	1	8	18.87	19.03	18.88	
3	256QAM	1	14	19.07	19.14	19.07	
3	256QAM	8	0	18.90	18.92	18.92	19.3
3	256QAM	8	4	18.90	18.95	18.83	
3	256QAM	8	7	18.79	18.79	18.80	
3	256QAM	15	0	18.69	18.96	18.71	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.99	19.14	18.98	19.3
1.4	QPSK	1	3	18.94	19.10	18.87	
1.4	QPSK	1	5	19.01	19.12	18.85	
1.4	QPSK	3	0	18.98	19.00	18.83	
1.4	QPSK	3	1	18.85	18.94	18.97	
1.4	QPSK	3	3	18.98	19.05	18.87	
1.4	QPSK	6	0	18.90	18.95	18.80	19.3
1.4	16QAM	1	0	19.05	19.06	18.84	19.3
1.4	16QAM	1	3	18.88	18.97	18.96	
1.4	16QAM	1	5	18.81	18.86	18.87	
1.4	16QAM	3	0	18.99	19.13	19.00	
1.4	16QAM	3	1	18.87	19.04	18.80	
1.4	16QAM	3	3	18.87	19.04	18.88	
1.4	16QAM	6	0	18.88	19.13	19.02	19.3
1.4	64QAM	1	0	18.96	18.98	19.06	19.3
1.4	64QAM	1	3	19.05	19.10	18.91	
1.4	64QAM	1	5	18.86	19.08	18.97	
1.4	64QAM	3	0	18.86	18.96	18.96	
1.4	64QAM	3	1	19.00	19.14	19.04	
1.4	64QAM	3	3	18.94	19.02	18.91	
1.4	64QAM	6	0	18.89	19.08	18.91	19.3
1.4	256QAM	1	0	19.12	19.09	18.90	19.3
1.4	256QAM	1	3	19.03	19.11	19.02	
1.4	256QAM	1	5	19.03	18.96	18.91	
1.4	256QAM	3	0	18.75	18.84	18.87	
1.4	256QAM	3	1	18.91	18.86	18.77	
1.4	256QAM	3	3	18.73	18.97	18.93	
1.4	256QAM	6	0	18.78	18.83	18.77	19.3

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.18	19.19	19.17	20.1
20	QPSK	1	49	19.08	19.15	19.04	
20	QPSK	1	99	19.11	19.14	19.03	
20	QPSK	50	0	19.07	19.11	19.02	20.1
20	QPSK	50	24	19.05	19.09	18.99	
20	QPSK	50	50	19.02	19.09	18.97	
20	QPSK	100	0	18.97	19.08	18.96	
20	16QAM	1	0	19.07	19.11	18.99	20.1
20	16QAM	1	49	18.99	19.05	19.02	
20	16QAM	1	99	18.98	19.00	18.88	
20	16QAM	50	0	19.09	19.14	19.04	20.1
20	16QAM	50	24	18.97	19.07	18.97	
20	16QAM	50	50	19.01	19.11	19.03	
20	16QAM	100	0	19.03	19.14	19.10	
20	64QAM	1	0	19.12	19.14	19.07	20.1
20	64QAM	1	49	19.07	19.11	19.02	
20	64QAM	1	99	19.02	19.11	19.00	
20	64QAM	50	0	19.01	19.03	18.97	20.1
20	64QAM	50	24	19.11	19.16	19.06	
20	64QAM	50	50	18.98	19.08	19.01	
20	64QAM	100	0	19.07	19.08	18.98	
20	256QAM	1	0	19.12	19.13	19.08	20.1
20	256QAM	1	49	19.07	19.14	19.03	
20	256QAM	1	99	19.15	19.16	19.07	
20	256QAM	50	0	18.93	19.02	18.94	20.1
20	256QAM	50	24	19.04	19.06	18.96	
20	256QAM	50	50	18.89	18.97	18.95	
20	256QAM	100	0	18.89	18.98	18.86	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.02	19.11	19.17	20.1
15	QPSK	1	37	18.92	19.01	18.89	
15	QPSK	1	74	18.98	19.05	18.86	
15	QPSK	36	0	19.01	18.91	18.84	20.1
15	QPSK	36	20	18.94	18.92	18.84	
15	QPSK	36	39	19.02	18.93	18.97	
15	QPSK	75	0	18.83	18.93	18.95	
15	16QAM	1	0	18.89	19.06	18.99	20.1
15	16QAM	1	37	18.82	18.89	18.87	
15	16QAM	1	74	18.87	18.97	18.75	
15	16QAM	36	0	19.01	18.97	18.95	20.1
15	16QAM	36	20	18.95	19.02	18.91	
15	16QAM	36	39	18.81	18.91	18.85	
15	16QAM	75	0	18.84	18.99	19.00	
15	64QAM	1	0	19.09	19.02	19.05	20.1
15	64QAM	1	37	18.89	19.06	18.91	
15	64QAM	1	74	18.87	18.92	18.92	
15	64QAM	36	0	18.86	18.89	18.80	20.1
15	64QAM	36	20	19.09	19.10	18.88	
15	64QAM	36	39	18.91	19.07	19.01	
15	64QAM	75	0	18.99	18.90	18.82	
15	256QAM	1	0	19.10	18.94	19.03	20.1
15	256QAM	1	37	18.98	18.94	18.99	
15	256QAM	1	74	19.10	19.12	18.97	
15	256QAM	36	0	18.93	18.90	18.77	20.1
15	256QAM	36	20	18.89	18.95	18.91	
15	256QAM	36	39	18.83	18.92	18.92	

15	256QAM	75	0	18.73	18.81	18.84	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.05	19.14	19.01	20.1
10	QPSK	1	25	18.93	19.04	18.85	
10	QPSK	1	49	19.08	19.10	18.93	
10	QPSK	25	0	18.93	18.91	18.95	20.1
10	QPSK	25	12	19.01	19.03	18.97	
10	QPSK	25	25	18.98	18.95	18.86	
10	QPSK	50	0	18.80	18.93	18.92	
10	16QAM	1	0	19.01	19.01	18.90	20.1
10	16QAM	1	25	18.99	19.02	18.86	
10	16QAM	1	49	18.94	18.92	18.82	
10	16QAM	25	0	18.90	18.97	18.89	20.1
10	16QAM	25	12	18.90	18.88	18.83	
10	16QAM	25	25	18.95	19.07	19.03	
10	16QAM	50	0	19.03	19.13	19.02	
10	64QAM	1	0	19.06	19.12	18.98	20.1
10	64QAM	1	25	18.90	18.99	18.90	
10	64QAM	1	49	18.94	19.11	18.81	
10	64QAM	25	0	18.95	19.01	18.90	20.1
10	64QAM	25	12	18.93	19.09	18.97	
10	64QAM	25	25	18.91	18.95	18.93	
10	64QAM	50	0	18.96	18.89	18.85	
10	256QAM	1	0	18.98	19.03	18.89	20.1
10	256QAM	1	25	18.98	18.99	19.02	
10	256QAM	1	49	19.13	19.08	18.95	
10	256QAM	25	0	18.78	18.94	18.84	20.1
10	256QAM	25	12	18.99	18.90	18.93	
10	256QAM	25	25	18.87	18.78	18.80	
10	256QAM	50	0	18.79	18.88	18.71	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.17	19.07	19.06	20.1
5	QPSK	1	12	18.91	19.07	18.86	
5	QPSK	1	24	19.08	19.02	18.99	
5	QPSK	12	0	19.00	19.07	18.92	20.1
5	QPSK	12	7	18.98	19.02	18.89	
5	QPSK	12	13	18.86	18.96	18.88	
5	QPSK	25	0	18.85	18.88	18.83	
5	16QAM	1	0	19.02	18.95	18.89	20.1
5	16QAM	1	12	18.82	18.99	18.86	
5	16QAM	1	24	18.88	18.90	18.80	
5	16QAM	12	0	19.07	19.04	18.93	20.1
5	16QAM	12	7	18.95	19.01	18.86	
5	16QAM	12	13	18.86	18.98	18.88	
5	16QAM	25	0	18.95	19.03	18.94	
5	64QAM	1	0	18.94	19.07	18.94	20.1
5	64QAM	1	12	19.04	18.93	18.92	
5	64QAM	1	24	18.94	19.04	18.87	
5	64QAM	12	0	19.00	18.90	18.95	20.1
5	64QAM	12	7	18.93	19.01	18.89	
5	64QAM	12	13	18.85	18.93	18.88	
5	64QAM	25	0	19.02	18.88	18.81	
5	256QAM	1	0	18.95	19.12	18.92	20.1
5	256QAM	1	12	18.97	19.00	19.01	
5	256QAM	1	24	19.08	19.14	19.04	
5	256QAM	12	0	18.78	18.96	18.84	20.1
5	256QAM	12	7	18.94	19.00	18.81	
5	256QAM	12	13	18.73	18.90	18.93	
5	256QAM	25	0	18.72	18.95	18.71	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.03	19.09	19.06	20.1
3	QPSK	1	8	18.88	19.12	18.93	
3	QPSK	1	14	19.01	19.13	18.94	
3	QPSK	8	0	19.01	19.01	18.90	20.1
3	QPSK	8	4	18.99	19.00	18.85	
3	QPSK	8	7	18.84	19.09	18.93	
3	QPSK	15	0	18.77	19.08	18.83	
3	16QAM	1	0	19.01	19.03	18.96	20.1
3	16QAM	1	8	18.86	19.00	18.86	
3	16QAM	1	14	18.98	18.85	18.86	
3	16QAM	8	0	19.00	19.03	18.97	20.1
3	16QAM	8	4	18.79	18.89	18.89	
3	16QAM	8	7	18.90	19.11	19.03	
3	16QAM	15	0	18.88	19.03	18.94	
3	64QAM	1	0	18.98	19.10	18.99	20.1
3	64QAM	1	8	18.97	19.02	18.95	
3	64QAM	1	14	18.91	19.04	18.97	
3	64QAM	8	0	18.81	19.02	18.94	20.1
3	64QAM	8	4	19.05	18.98	18.91	
3	64QAM	8	7	18.88	19.04	18.97	
3	64QAM	15	0	19.07	18.98	18.96	
3	256QAM	1	0	19.11	19.09	19.00	20.1
3	256QAM	1	8	18.87	19.03	18.88	
3	256QAM	1	14	19.07	19.14	19.07	
3	256QAM	8	0	18.90	18.92	18.92	20.1
3	256QAM	8	4	18.90	18.95	18.83	
3	256QAM	8	7	18.79	18.79	18.80	
3	256QAM	15	0	18.69	18.96	18.71	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.99	19.14	18.98	20.1
1.4	QPSK	1	3	18.94	19.10	18.87	
1.4	QPSK	1	5	19.01	19.12	18.85	
1.4	QPSK	3	0	18.98	19.00	18.83	
1.4	QPSK	3	1	18.85	18.94	18.97	
1.4	QPSK	3	3	18.98	19.05	18.87	
1.4	QPSK	6	0	18.90	18.95	18.80	20.1
1.4	16QAM	1	0	19.05	19.06	18.84	20.1
1.4	16QAM	1	3	18.88	18.97	18.96	
1.4	16QAM	1	5	18.81	18.86	18.87	
1.4	16QAM	3	0	18.99	19.13	19.00	
1.4	16QAM	3	1	18.87	19.04	18.80	
1.4	16QAM	3	3	18.87	19.04	18.88	
1.4	16QAM	6	0	18.88	19.13	19.02	20.1
1.4	64QAM	1	0	18.96	18.98	19.06	20.1
1.4	64QAM	1	3	19.05	19.10	18.91	
1.4	64QAM	1	5	18.86	19.08	18.97	
1.4	64QAM	3	0	18.86	18.96	18.96	
1.4	64QAM	3	1	19.00	19.14	19.04	
1.4	64QAM	3	3	18.94	19.02	18.91	
1.4	64QAM	6	0	18.89	19.08	18.91	20.1
1.4	256QAM	1	0	19.12	19.09	18.90	20.1
1.4	256QAM	1	3	19.03	19.11	19.02	
1.4	256QAM	1	5	19.03	18.96	18.91	
1.4	256QAM	3	0	18.75	18.84	18.87	
1.4	256QAM	3	1	18.91	18.86	18.77	
1.4	256QAM	3	3	18.73	18.97	18.93	
1.4	256QAM	6	0	18.78	18.83	18.77	20.1

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.78	24.67	25.00	25.7
20	QPSK	1	49	24.71	24.60	24.87	
20	QPSK	1	99	24.68	24.63	24.96	
20	QPSK	50	0	23.80	23.73	24.04	24.7
20	QPSK	50	24	23.76	23.71	23.94	
20	QPSK	50	50	23.72	23.70	24.01	
20	QPSK	100	0	23.83	23.73	24.06	
20	16QAM	1	0	23.81	23.76	23.99	24.7
20	16QAM	1	49	23.95	23.88	24.14	
20	16QAM	1	99	23.81	23.75	24.01	
20	16QAM	50	0	22.89	22.78	23.08	23.7
20	16QAM	50	24	22.80	22.77	23.05	
20	16QAM	50	50	22.84	22.82	23.08	
20	16QAM	100	0	22.85	22.74	23.00	
20	64QAM	1	0	22.73	22.63	22.93	23.7
20	64QAM	1	49	22.82	22.72	23.02	
20	64QAM	1	99	22.85	22.74	23.01	
20	64QAM	50	0	21.78	21.73	22.05	22.7
20	64QAM	50	24	21.79	21.77	22.10	
20	64QAM	50	50	21.82	21.80	22.09	
20	64QAM	100	0	21.80	21.69	21.94	
20	256QAM	1	0	19.87	19.82	20.12	20.7
20	256QAM	1	49	19.96	19.86	20.13	
20	256QAM	1	99	20.02	19.91	20.13	
20	256QAM	50	0	19.77	19.75	20.02	20.7
20	256QAM	50	24	19.82	19.77	20.08	
20	256QAM	50	50	19.83	19.73	20.01	
20	256QAM	100	0	19.82	19.71	19.97	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.74	24.65	24.93	25.7
15	QPSK	1	37	24.65	24.50	24.80	
15	QPSK	1	74	24.62	24.53	24.90	
15	QPSK	36	0	23.69	23.70	24.02	24.7
15	QPSK	36	20	23.73	23.70	23.88	
15	QPSK	36	39	23.70	23.66	23.91	
15	QPSK	75	0	23.77	23.68	24.05	
15	16QAM	1	0	23.72	23.70	23.90	24.7
15	16QAM	1	37	23.85	23.81	24.04	
15	16QAM	1	74	23.72	23.65	23.91	
15	16QAM	36	0	22.85	22.68	22.99	23.7
15	16QAM	36	20	22.79	22.72	23.00	
15	16QAM	36	39	22.78	22.76	23.07	
15	16QAM	75	0	22.85	22.74	22.94	
15	64QAM	1	0	22.67	22.62	22.92	23.7
15	64QAM	1	37	22.76	22.65	23.00	
15	64QAM	1	74	22.75	22.72	23.01	
15	64QAM	36	0	21.71	21.64	22.00	22.7
15	64QAM	36	20	21.77	21.77	22.01	
15	64QAM	36	39	21.79	21.79	22.01	
15	64QAM	75	0	21.77	21.67	21.94	
15	256QAM	1	0	19.82	19.77	20.12	20.7
15	256QAM	1	37	19.90	19.76	20.10	
15	256QAM	1	74	19.97	19.91	20.09	
15	256QAM	36	0	19.73	19.71	19.98	20.7
15	256QAM	36	20	19.72	19.77	20.08	
15	256QAM	36	39	19.83	19.67	19.92	

15	256QAM	75	0	19.77	19.62	19.92	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.76	24.61	24.97	25.7
10	QPSK	1	25	24.61	24.58	24.79	
10	QPSK	1	49	24.58	24.55	24.87	
10	QPSK	25	0	23.71	23.70	23.95	24.7
10	QPSK	25	12	23.72	23.69	23.85	
10	QPSK	25	25	23.72	23.63	23.97	
10	QPSK	50	0	23.78	23.68	24.06	
10	16QAM	1	0	23.75	23.70	23.92	24.7
10	16QAM	1	25	23.85	23.88	24.12	
10	16QAM	1	49	23.78	23.70	23.92	
10	16QAM	25	0	22.84	22.76	23.00	23.7
10	16QAM	25	12	22.74	22.77	23.01	
10	16QAM	25	25	22.84	22.73	23.03	
10	16QAM	50	0	22.76	22.68	22.93	
10	64QAM	1	0	22.71	22.55	22.84	23.7
10	64QAM	1	25	22.78	22.68	23.00	
10	64QAM	1	49	22.85	22.71	23.01	
10	64QAM	25	0	21.73	21.64	21.97	22.7
10	64QAM	25	12	21.70	21.69	22.03	
10	64QAM	25	25	21.72	21.70	22.05	
10	64QAM	50	0	21.77	21.61	21.89	
10	256QAM	1	0	19.80	19.81	20.12	20.7
10	256QAM	1	25	19.96	19.76	20.06	
10	256QAM	1	49	19.95	19.88	20.04	
10	256QAM	25	0	19.76	19.71	19.93	20.7
10	256QAM	25	12	19.73	19.73	20.07	
10	256QAM	25	25	19.82	19.70	19.96	
10	256QAM	50	0	19.78	19.70	19.90	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.57	24.92	25.7
5	QPSK	1	12	24.69	24.58	24.85	
5	QPSK	1	24	24.58	24.59	24.95	
5	QPSK	12	0	23.66	23.63	23.95	24.7
5	QPSK	12	7	23.77	23.65	23.85	
5	QPSK	12	13	23.63	23.63	23.92	
5	QPSK	25	0	23.81	23.68	23.96	
5	16QAM	1	0	23.71	23.75	23.97	24.7
5	16QAM	1	12	23.87	23.85	24.12	
5	16QAM	1	24	23.80	23.67	23.95	
5	16QAM	12	0	22.89	22.76	23.08	23.7
5	16QAM	12	7	22.77	22.69	22.95	
5	16QAM	12	13	22.77	22.82	23.00	
5	16QAM	25	0	22.81	22.66	22.97	
5	64QAM	1	0	22.63	22.62	22.89	23.7
5	64QAM	1	12	22.74	22.67	22.95	
5	64QAM	1	24	22.80	22.70	22.91	
5	64QAM	12	0	21.77	21.72	21.95	22.7
5	64QAM	12	7	21.71	21.72	22.00	
5	64QAM	12	13	21.76	21.77	22.01	
5	64QAM	25	0	21.74	21.61	21.90	
5	256QAM	1	0	19.78	19.78	20.04	20.7
5	256QAM	1	12	19.95	19.82	20.13	
5	256QAM	1	24	19.95	19.82	20.04	
5	256QAM	12	0	19.75	19.65	19.93	20.7
5	256QAM	12	7	19.76	19.73	20.02	
5	256QAM	12	13	19.83	19.66	19.99	
5	256QAM	25	0	19.82	19.70	19.97	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.73	24.57	24.98	25.7
3	QPSK	1	8	24.66	24.52	24.80	
3	QPSK	1	14	24.61	24.62	24.86	
3	QPSK	8	0	23.75	23.64	23.95	24.7
3	QPSK	8	4	23.74	23.61	23.92	
3	QPSK	8	7	23.62	23.63	23.94	
3	QPSK	15	0	23.83	23.70	23.98	
3	16QAM	1	0	23.81	23.70	23.97	24.7
3	16QAM	1	8	23.88	23.84	24.08	
3	16QAM	1	14	23.77	23.68	24.01	
3	16QAM	8	0	22.80	22.78	23.00	23.7
3	16QAM	8	4	22.73	22.69	23.03	
3	16QAM	8	7	22.75	22.76	23.08	
3	16QAM	15	0	22.80	22.68	22.90	
3	64QAM	1	0	22.65	22.63	22.90	23.7
3	64QAM	1	8	22.75	22.68	23.02	
3	64QAM	1	14	22.80	22.65	22.99	
3	64QAM	8	0	21.70	21.70	21.99	22.7
3	64QAM	8	4	21.77	21.71	22.03	
3	64QAM	8	7	21.73	21.74	21.99	
3	64QAM	15	0	21.78	21.64	21.88	
3	256QAM	1	0	19.78	19.72	20.11	20.7
3	256QAM	1	8	19.92	19.77	20.03	
3	256QAM	1	14	19.95	19.81	20.03	
3	256QAM	8	0	19.67	19.65	20.00	20.7
3	256QAM	8	4	19.76	19.67	20.02	
3	256QAM	8	7	19.76	19.64	19.98	
3	256QAM	15	0	19.79	19.61	19.92	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.72	24.62	24.85	25.7
1.4	QPSK	1	3	24.54	24.55	24.74	
1.4	QPSK	1	5	24.57	24.48	24.82	
1.4	QPSK	3	0	24.67	24.62	24.91	
1.4	QPSK	3	1	24.56	24.54	24.83	
1.4	QPSK	3	3	24.57	24.51	24.76	
1.4	QPSK	6	0	23.67	23.55	23.87	24.7
1.4	16QAM	1	0	23.79	23.66	23.87	24.7
1.4	16QAM	1	3	23.82	23.72	23.99	
1.4	16QAM	1	5	23.70	23.68	23.92	
1.4	16QAM	3	0	23.74	23.58	23.94	
1.4	16QAM	3	1	23.86	23.72	24.00	
1.4	16QAM	3	3	23.68	23.66	23.88	
1.4	16QAM	6	0	22.79	22.64	22.93	23.7
1.4	64QAM	1	0	22.63	22.53	22.90	23.7
1.4	64QAM	1	3	22.68	22.60	22.90	
1.4	64QAM	1	5	22.78	22.63	22.92	
1.4	64QAM	3	0	22.63	22.50	22.90	
1.4	64QAM	3	1	22.76	22.63	22.85	
1.4	64QAM	3	3	22.75	22.60	22.95	
1.4	64QAM	6	0	21.59	21.67	21.92	22.7
1.4	256QAM	1	0	19.70	19.69	20.00	20.7
1.4	256QAM	1	3	19.86	19.69	20.01	
1.4	256QAM	1	5	19.96	19.83	20.07	
1.4	256QAM	3	0	19.72	19.66	20.01	
1.4	256QAM	3	1	19.85	19.72	19.99	
1.4	256QAM	3	3	19.95	19.89	19.99	
1.4	256QAM	6	0	19.67	19.71	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.78	24.67	25.00	25.2
20	QPSK	1	49	24.71	24.60	24.87	
20	QPSK	1	99	24.68	24.63	24.96	
20	QPSK	50	0	23.80	23.73	24.04	24.7
20	QPSK	50	24	23.76	23.71	23.94	
20	QPSK	50	50	23.72	23.70	24.01	
20	QPSK	100	0	23.83	23.73	24.06	
20	16QAM	1	0	23.81	23.76	23.99	24.7
20	16QAM	1	49	23.95	23.88	24.14	
20	16QAM	1	99	23.81	23.75	24.01	
20	16QAM	50	0	22.89	22.78	23.08	23.7
20	16QAM	50	24	22.80	22.77	23.05	
20	16QAM	50	50	22.84	22.82	23.08	
20	16QAM	100	0	22.85	22.74	23.00	
20	64QAM	1	0	22.73	22.63	22.93	23.7
20	64QAM	1	49	22.82	22.72	23.02	
20	64QAM	1	99	22.85	22.74	23.01	
20	64QAM	50	0	21.78	21.73	22.05	22.7
20	64QAM	50	24	21.79	21.77	22.10	
20	64QAM	50	50	21.82	21.80	22.09	
20	64QAM	100	0	21.80	21.69	21.94	
20	256QAM	1	0	19.87	19.82	20.12	20.7
20	256QAM	1	49	19.96	19.86	20.13	
20	256QAM	1	99	20.02	19.91	20.13	
20	256QAM	50	0	19.77	19.75	20.02	20.7
20	256QAM	50	24	19.82	19.77	20.08	
20	256QAM	50	50	19.83	19.73	20.01	
20	256QAM	100	0	19.82	19.71	19.97	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.74	24.65	24.93	25.2
15	QPSK	1	37	24.65	24.50	24.80	
15	QPSK	1	74	24.62	24.53	24.90	
15	QPSK	36	0	23.69	23.70	24.02	24.7
15	QPSK	36	20	23.73	23.70	23.88	
15	QPSK	36	39	23.70	23.66	23.91	
15	QPSK	75	0	23.77	23.68	24.05	
15	16QAM	1	0	23.72	23.70	23.90	24.7
15	16QAM	1	37	23.85	23.81	24.04	
15	16QAM	1	74	23.72	23.65	23.91	
15	16QAM	36	0	22.85	22.68	22.99	23.7
15	16QAM	36	20	22.79	22.72	23.00	
15	16QAM	36	39	22.78	22.76	23.07	
15	16QAM	75	0	22.85	22.74	22.94	
15	64QAM	1	0	22.67	22.62	22.92	23.7
15	64QAM	1	37	22.76	22.65	23.00	
15	64QAM	1	74	22.75	22.72	23.01	
15	64QAM	36	0	21.71	21.64	22.00	22.7
15	64QAM	36	20	21.77	21.77	22.01	
15	64QAM	36	39	21.79	21.79	22.01	
15	64QAM	75	0	21.77	21.67	21.94	
15	256QAM	1	0	19.82	19.77	20.12	20.7
15	256QAM	1	37	19.90	19.76	20.10	
15	256QAM	1	74	19.97	19.91	20.09	
15	256QAM	36	0	19.73	19.71	19.98	20.7
15	256QAM	36	20	19.72	19.77	20.08	
15	256QAM	36	39	19.83	19.67	19.92	

15	256QAM	75	0	19.77	19.62	19.92	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.76	24.61	24.97	25.2
10	QPSK	1	25	24.61	24.58	24.79	
10	QPSK	1	49	24.58	24.55	24.87	
10	QPSK	25	0	23.71	23.70	23.95	24.7
10	QPSK	25	12	23.72	23.69	23.85	
10	QPSK	25	25	23.72	23.63	23.97	
10	QPSK	50	0	23.78	23.68	24.06	
10	16QAM	1	0	23.75	23.70	23.92	24.7
10	16QAM	1	25	23.85	23.88	24.12	
10	16QAM	1	49	23.78	23.70	23.92	
10	16QAM	25	0	22.84	22.76	23.00	23.7
10	16QAM	25	12	22.74	22.77	23.01	
10	16QAM	25	25	22.84	22.73	23.03	
10	16QAM	50	0	22.76	22.68	22.93	
10	64QAM	1	0	22.71	22.55	22.84	23.7
10	64QAM	1	25	22.78	22.68	23.00	
10	64QAM	1	49	22.85	22.71	23.01	
10	64QAM	25	0	21.73	21.64	21.97	22.7
10	64QAM	25	12	21.70	21.69	22.03	
10	64QAM	25	25	21.72	21.70	22.05	
10	64QAM	50	0	21.77	21.61	21.89	
10	256QAM	1	0	19.80	19.81	20.12	20.7
10	256QAM	1	25	19.96	19.76	20.06	
10	256QAM	1	49	19.95	19.88	20.04	
10	256QAM	25	0	19.76	19.71	19.93	20.7
10	256QAM	25	12	19.73	19.73	20.07	
10	256QAM	25	25	19.82	19.70	19.96	
10	256QAM	50	0	19.78	19.70	19.90	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.57	24.92	25.2
5	QPSK	1	12	24.69	24.58	24.85	
5	QPSK	1	24	24.58	24.59	24.95	
5	QPSK	12	0	23.66	23.63	23.95	24.7
5	QPSK	12	7	23.77	23.65	23.85	
5	QPSK	12	13	23.63	23.63	23.92	
5	QPSK	25	0	23.81	23.68	23.96	
5	16QAM	1	0	23.71	23.75	23.97	24.7
5	16QAM	1	12	23.87	23.85	24.12	
5	16QAM	1	24	23.80	23.67	23.95	
5	16QAM	12	0	22.89	22.76	23.08	23.7
5	16QAM	12	7	22.77	22.69	22.95	
5	16QAM	12	13	22.77	22.82	23.00	
5	16QAM	25	0	22.81	22.66	22.97	
5	64QAM	1	0	22.63	22.62	22.89	23.7
5	64QAM	1	12	22.74	22.67	22.95	
5	64QAM	1	24	22.80	22.70	22.91	
5	64QAM	12	0	21.77	21.72	21.95	22.7
5	64QAM	12	7	21.71	21.72	22.00	
5	64QAM	12	13	21.76	21.77	22.01	
5	64QAM	25	0	21.74	21.61	21.90	
5	256QAM	1	0	19.78	19.78	20.04	20.7
5	256QAM	1	12	19.95	19.82	20.13	
5	256QAM	1	24	19.95	19.82	20.04	
5	256QAM	12	0	19.75	19.65	19.93	20.7
5	256QAM	12	7	19.76	19.73	20.02	
5	256QAM	12	13	19.83	19.66	19.99	
5	256QAM	25	0	19.82	19.70	19.97	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.73	24.57	24.98	25.2
3	QPSK	1	8	24.66	24.52	24.80	
3	QPSK	1	14	24.61	24.62	24.86	
3	QPSK	8	0	23.75	23.64	23.95	24.7
3	QPSK	8	4	23.74	23.61	23.92	
3	QPSK	8	7	23.62	23.63	23.94	
3	QPSK	15	0	23.83	23.70	23.98	
3	16QAM	1	0	23.81	23.70	23.97	24.7
3	16QAM	1	8	23.88	23.84	24.08	
3	16QAM	1	14	23.77	23.68	24.01	
3	16QAM	8	0	22.80	22.78	23.00	23.7
3	16QAM	8	4	22.73	22.69	23.03	
3	16QAM	8	7	22.75	22.76	23.08	
3	16QAM	15	0	22.80	22.68	22.90	
3	64QAM	1	0	22.65	22.63	22.90	23.7
3	64QAM	1	8	22.75	22.68	23.02	
3	64QAM	1	14	22.80	22.65	22.99	
3	64QAM	8	0	21.70	21.70	21.99	22.7
3	64QAM	8	4	21.77	21.71	22.03	
3	64QAM	8	7	21.73	21.74	21.99	
3	64QAM	15	0	21.78	21.64	21.88	
3	256QAM	1	0	19.78	19.72	20.11	20.7
3	256QAM	1	8	19.92	19.77	20.03	
3	256QAM	1	14	19.95	19.81	20.03	
3	256QAM	8	0	19.67	19.65	20.00	20.7
3	256QAM	8	4	19.76	19.67	20.02	
3	256QAM	8	7	19.76	19.64	19.98	
3	256QAM	15	0	19.79	19.61	19.92	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.72	24.62	24.85	25.2
1.4	QPSK	1	3	24.54	24.55	24.74	
1.4	QPSK	1	5	24.57	24.48	24.82	
1.4	QPSK	3	0	24.67	24.62	24.91	
1.4	QPSK	3	1	24.56	24.54	24.83	
1.4	QPSK	3	3	24.57	24.51	24.76	
1.4	QPSK	6	0	23.67	23.55	23.87	24.7
1.4	16QAM	1	0	23.79	23.66	23.87	24.7
1.4	16QAM	1	3	23.82	23.72	23.99	
1.4	16QAM	1	5	23.70	23.68	23.92	
1.4	16QAM	3	0	23.74	23.58	23.94	
1.4	16QAM	3	1	23.86	23.72	24.00	
1.4	16QAM	3	3	23.68	23.66	23.88	
1.4	16QAM	6	0	22.79	22.64	22.93	23.7
1.4	64QAM	1	0	22.63	22.53	22.90	23.7
1.4	64QAM	1	3	22.68	22.60	22.90	
1.4	64QAM	1	5	22.78	22.63	22.92	
1.4	64QAM	3	0	22.63	22.50	22.90	
1.4	64QAM	3	1	22.76	22.63	22.85	
1.4	64QAM	3	3	22.75	22.60	22.95	
1.4	64QAM	6	0	21.59	21.67	21.92	22.7
1.4	256QAM	1	0	19.70	19.69	20.00	20.7
1.4	256QAM	1	3	19.86	19.69	20.01	
1.4	256QAM	1	5	19.96	19.83	20.07	
1.4	256QAM	3	0	19.72	19.66	20.01	
1.4	256QAM	3	1	19.85	19.72	19.99	
1.4	256QAM	3	3	19.95	19.89	19.99	
1.4	256QAM	6	0	19.67	19.71	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.78	24.67	25.00	25.7
20	QPSK	1	49	24.71	24.60	24.87	
20	QPSK	1	99	24.68	24.63	24.96	
20	QPSK	50	0	23.80	23.73	24.04	24.7
20	QPSK	50	24	23.76	23.71	23.94	
20	QPSK	50	50	23.72	23.70	24.01	
20	QPSK	100	0	23.83	23.73	24.06	
20	16QAM	1	0	23.81	23.76	23.99	24.7
20	16QAM	1	49	23.95	23.88	24.14	
20	16QAM	1	99	23.81	23.75	24.01	
20	16QAM	50	0	22.89	22.78	23.08	23.7
20	16QAM	50	24	22.80	22.77	23.05	
20	16QAM	50	50	22.84	22.82	23.08	
20	16QAM	100	0	22.85	22.74	23.00	
20	64QAM	1	0	22.73	22.63	22.93	23.7
20	64QAM	1	49	22.82	22.72	23.02	
20	64QAM	1	99	22.85	22.74	23.01	
20	64QAM	50	0	21.78	21.73	22.05	22.7
20	64QAM	50	24	21.79	21.77	22.10	
20	64QAM	50	50	21.82	21.80	22.09	
20	64QAM	100	0	21.80	21.69	21.94	
20	256QAM	1	0	19.87	19.82	20.12	20.7
20	256QAM	1	49	19.96	19.86	20.13	
20	256QAM	1	99	20.02	19.91	20.13	
20	256QAM	50	0	19.77	19.75	20.02	20.7
20	256QAM	50	24	19.82	19.77	20.08	
20	256QAM	50	50	19.83	19.73	20.01	
20	256QAM	100	0	19.82	19.71	19.97	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.74	24.65	24.93	25.7
15	QPSK	1	37	24.65	24.50	24.80	
15	QPSK	1	74	24.62	24.53	24.90	
15	QPSK	36	0	23.69	23.70	24.02	24.7
15	QPSK	36	20	23.73	23.70	23.88	
15	QPSK	36	39	23.70	23.66	23.91	
15	QPSK	75	0	23.77	23.68	24.05	
15	16QAM	1	0	23.72	23.70	23.90	24.7
15	16QAM	1	37	23.85	23.81	24.04	
15	16QAM	1	74	23.72	23.65	23.91	
15	16QAM	36	0	22.85	22.68	22.99	23.7
15	16QAM	36	20	22.79	22.72	23.00	
15	16QAM	36	39	22.78	22.76	23.07	
15	16QAM	75	0	22.85	22.74	22.94	
15	64QAM	1	0	22.67	22.62	22.92	23.7
15	64QAM	1	37	22.76	22.65	23.00	
15	64QAM	1	74	22.75	22.72	23.01	
15	64QAM	36	0	21.71	21.64	22.00	22.7
15	64QAM	36	20	21.77	21.77	22.01	
15	64QAM	36	39	21.79	21.79	22.01	
15	64QAM	75	0	21.77	21.67	21.94	
15	256QAM	1	0	19.82	19.77	20.12	20.7
15	256QAM	1	37	19.90	19.76	20.10	
15	256QAM	1	74	19.97	19.91	20.09	
15	256QAM	36	0	19.73	19.71	19.98	20.7
15	256QAM	36	20	19.72	19.77	20.08	

15	256QAM	36	39	19.83	19.67	19.92	
15	256QAM	75	0	19.77	19.62	19.92	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.76	24.61	24.97	25.7
10	QPSK	1	25	24.61	24.58	24.79	
10	QPSK	1	49	24.58	24.55	24.87	
10	QPSK	25	0	23.71	23.70	23.95	24.7
10	QPSK	25	12	23.72	23.69	23.85	
10	QPSK	25	25	23.72	23.63	23.97	
10	QPSK	50	0	23.78	23.68	24.06	
10	16QAM	1	0	23.75	23.70	23.92	24.7
10	16QAM	1	25	23.85	23.88	24.12	
10	16QAM	1	49	23.78	23.70	23.92	
10	16QAM	25	0	22.84	22.76	23.00	23.7
10	16QAM	25	12	22.74	22.77	23.01	
10	16QAM	25	25	22.84	22.73	23.03	
10	16QAM	50	0	22.76	22.68	22.93	
10	64QAM	1	0	22.71	22.55	22.84	23.7
10	64QAM	1	25	22.78	22.68	23.00	
10	64QAM	1	49	22.85	22.71	23.01	
10	64QAM	25	0	21.73	21.64	21.97	22.7
10	64QAM	25	12	21.70	21.69	22.03	
10	64QAM	25	25	21.72	21.70	22.05	
10	64QAM	50	0	21.77	21.61	21.89	
10	256QAM	1	0	19.80	19.81	20.12	20.7
10	256QAM	1	25	19.96	19.76	20.06	
10	256QAM	1	49	19.95	19.88	20.04	
10	256QAM	25	0	19.76	19.71	19.93	20.7
10	256QAM	25	12	19.73	19.73	20.07	
10	256QAM	25	25	19.82	19.70	19.96	
10	256QAM	50	0	19.78	19.70	19.90	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.57	24.92	25.7
5	QPSK	1	12	24.69	24.58	24.85	
5	QPSK	1	24	24.58	24.59	24.95	
5	QPSK	12	0	23.66	23.63	23.95	24.7
5	QPSK	12	7	23.77	23.65	23.85	
5	QPSK	12	13	23.63	23.63	23.92	
5	QPSK	25	0	23.81	23.68	23.96	
5	16QAM	1	0	23.71	23.75	23.97	24.7
5	16QAM	1	12	23.87	23.85	24.12	
5	16QAM	1	24	23.80	23.67	23.95	
5	16QAM	12	0	22.89	22.76	23.08	23.7
5	16QAM	12	7	22.77	22.69	22.95	
5	16QAM	12	13	22.77	22.82	23.00	
5	16QAM	25	0	22.81	22.66	22.97	
5	64QAM	1	0	22.63	22.62	22.89	23.7
5	64QAM	1	12	22.74	22.67	22.95	
5	64QAM	1	24	22.80	22.70	22.91	
5	64QAM	12	0	21.77	21.72	21.95	22.7
5	64QAM	12	7	21.71	21.72	22.00	
5	64QAM	12	13	21.76	21.77	22.01	
5	64QAM	25	0	21.74	21.61	21.90	
5	256QAM	1	0	19.78	19.78	20.04	20.7
5	256QAM	1	12	19.95	19.82	20.13	
5	256QAM	1	24	19.95	19.82	20.04	
5	256QAM	12	0	19.75	19.65	19.93	20.7
5	256QAM	12	7	19.76	19.73	20.02	
5	256QAM	12	13	19.83	19.66	19.99	
5	256QAM	25	0	19.82	19.70	19.97	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.73	24.57	24.98	25.7
3	QPSK	1	8	24.66	24.52	24.80	
3	QPSK	1	14	24.61	24.62	24.86	
3	QPSK	8	0	23.75	23.64	23.95	24.7
3	QPSK	8	4	23.74	23.61	23.92	
3	QPSK	8	7	23.62	23.63	23.94	
3	QPSK	15	0	23.83	23.70	23.98	
3	16QAM	1	0	23.81	23.70	23.97	24.7
3	16QAM	1	8	23.88	23.84	24.08	
3	16QAM	1	14	23.77	23.68	24.01	
3	16QAM	8	0	22.80	22.78	23.00	23.7
3	16QAM	8	4	22.73	22.69	23.03	
3	16QAM	8	7	22.75	22.76	23.08	
3	16QAM	15	0	22.80	22.68	22.90	
3	64QAM	1	0	22.65	22.63	22.90	23.7
3	64QAM	1	8	22.75	22.68	23.02	
3	64QAM	1	14	22.80	22.65	22.99	
3	64QAM	8	0	21.70	21.70	21.99	22.7
3	64QAM	8	4	21.77	21.71	22.03	
3	64QAM	8	7	21.73	21.74	21.99	
3	64QAM	15	0	21.78	21.64	21.88	
3	256QAM	1	0	19.78	19.72	20.11	20.7
3	256QAM	1	8	19.92	19.77	20.03	
3	256QAM	1	14	19.95	19.81	20.03	
3	256QAM	8	0	19.67	19.65	20.00	20.7
3	256QAM	8	4	19.76	19.67	20.02	
3	256QAM	8	7	19.76	19.64	19.98	
3	256QAM	15	0	19.79	19.61	19.92	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.72	24.62	24.85	25.7
1.4	QPSK	1	3	24.54	24.55	24.74	
1.4	QPSK	1	5	24.57	24.48	24.82	
1.4	QPSK	3	0	24.67	24.62	24.91	
1.4	QPSK	3	1	24.56	24.54	24.83	
1.4	QPSK	3	3	24.57	24.51	24.76	
1.4	QPSK	6	0	23.67	23.55	23.87	24.7
1.4	16QAM	1	0	23.79	23.66	23.87	24.7
1.4	16QAM	1	3	23.82	23.72	23.99	
1.4	16QAM	1	5	23.70	23.68	23.92	
1.4	16QAM	3	0	23.74	23.58	23.94	
1.4	16QAM	3	1	23.86	23.72	24.00	
1.4	16QAM	3	3	23.68	23.66	23.88	
1.4	16QAM	6	0	22.79	22.64	22.93	23.7
1.4	64QAM	1	0	22.63	22.53	22.90	23.7
1.4	64QAM	1	3	22.68	22.60	22.90	
1.4	64QAM	1	5	22.78	22.63	22.92	
1.4	64QAM	3	0	22.63	22.50	22.90	
1.4	64QAM	3	1	22.76	22.63	22.85	
1.4	64QAM	3	3	22.75	22.60	22.95	
1.4	64QAM	6	0	21.59	21.67	21.92	22.7
1.4	256QAM	1	0	19.70	19.69	20.00	20.7
1.4	256QAM	1	3	19.86	19.69	20.01	
1.4	256QAM	1	5	19.96	19.83	20.07	
1.4	256QAM	3	0	19.72	19.66	20.01	
1.4	256QAM	3	1	19.85	19.72	19.99	
1.4	256QAM	3	3	19.95	19.89	19.99	
1.4	256QAM	6	0	19.67	19.71	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.78	22.69	22.95	23.1
20	QPSK	1	49	22.70	22.55	22.80	
20	QPSK	1	99	22.58	22.63	22.90	
20	QPSK	50	0	22.72	22.71	22.95	23.1
20	QPSK	50	24	22.68	22.69	22.85	
20	QPSK	50	50	22.70	22.60	22.93	
20	QPSK	100	0	22.73	22.65	22.85	
20	16QAM	1	0	22.80	22.71	22.86	23.1
20	16QAM	1	49	22.86	22.86	22.89	
20	16QAM	1	99	22.79	22.70	22.88	
20	16QAM	50	0	22.89	22.72	22.90	23.1
20	16QAM	50	24	22.76	22.77	22.81	
20	16QAM	50	50	22.69	22.77	22.85	
20	16QAM	100	0	22.84	22.57	22.82	
20	64QAM	1	0	22.73	22.46	22.87	23.1
20	64QAM	1	49	22.71	22.72	22.88	
20	64QAM	1	99	22.73	22.72	22.91	
20	64QAM	50	0	21.60	21.58	22.05	22.7
20	64QAM	50	24	21.71	21.71	21.92	
20	64QAM	50	50	21.72	21.77	21.99	
20	64QAM	100	0	21.67	21.50	21.86	
20	256QAM	1	0	19.69	19.77	20.02	20.7
20	256QAM	1	49	19.84	19.73	20.10	
20	256QAM	1	99	19.85	19.72	20.07	
20	256QAM	50	0	19.61	19.74	19.92	20.7
20	256QAM	50	24	19.71	19.57	19.91	
20	256QAM	50	50	19.80	19.61	19.99	
20	256QAM	100	0	19.82	19.60	19.94	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.71	22.53	22.82	23.1
15	QPSK	1	37	22.61	22.47	22.67	
15	QPSK	1	74	22.44	22.56	22.78	
15	QPSK	36	0	22.63	22.61	22.89	23.1
15	QPSK	36	20	22.56	22.50	22.74	
15	QPSK	36	39	22.68	22.60	22.89	
15	QPSK	75	0	22.56	22.52	22.80	
15	16QAM	1	0	22.78	22.52	22.70	23.1
15	16QAM	1	37	22.71	22.79	22.85	
15	16QAM	1	74	22.62	22.53	22.75	
15	16QAM	36	0	22.87	22.54	22.84	23.1
15	16QAM	36	20	22.75	22.59	22.62	
15	16QAM	36	39	22.54	22.64	22.70	
15	16QAM	75	0	22.76	22.37	22.65	
15	64QAM	1	0	22.68	22.28	22.74	23.1
15	64QAM	1	37	22.71	22.54	22.80	
15	64QAM	1	74	22.62	22.57	22.91	
15	64QAM	36	0	21.41	21.54	21.96	22.7
15	64QAM	36	20	21.65	21.70	21.83	
15	64QAM	36	39	21.54	21.75	21.89	
15	64QAM	75	0	21.47	21.44	21.80	
15	256QAM	1	0	19.53	19.62	19.90	20.7
15	256QAM	1	37	19.65	19.65	19.97	
15	256QAM	1	74	19.80	19.55	19.92	
15	256QAM	36	0	19.46	19.64	19.91	20.7
15	256QAM	36	20	19.70	19.53	19.76	
15	256QAM	36	39	19.71	19.48	19.80	

15	256QAM	75	0	19.64	19.49	19.90	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.76	22.66	22.81	23.1
10	QPSK	1	25	22.51	22.39	22.70	
10	QPSK	1	49	22.47	22.43	22.80	
10	QPSK	25	0	22.65	22.61	22.77	23.1
10	QPSK	25	12	22.54	22.68	22.71	
10	QPSK	25	25	22.70	22.42	22.74	
10	QPSK	50	0	22.72	22.59	22.81	
10	16QAM	1	0	22.66	22.55	22.71	23.1
10	16QAM	1	25	22.82	22.70	22.80	
10	16QAM	1	49	22.70	22.65	22.69	
10	16QAM	25	0	22.88	22.65	22.73	23.1
10	16QAM	25	12	22.67	22.69	22.74	
10	16QAM	25	25	22.49	22.65	22.75	
10	16QAM	50	0	22.67	22.42	22.62	
10	64QAM	1	0	22.72	22.28	22.75	23.1
10	64QAM	1	25	22.55	22.64	22.74	
10	64QAM	1	49	22.64	22.62	22.91	
10	64QAM	25	0	21.43	21.53	22.05	22.7
10	64QAM	25	12	21.71	21.66	21.76	
10	64QAM	25	25	21.70	21.72	21.86	
10	64QAM	50	0	21.62	21.39	21.83	
10	256QAM	1	0	19.63	19.69	19.91	20.7
10	256QAM	1	25	19.71	19.70	20.02	
10	256QAM	1	49	19.80	19.55	19.88	
10	256QAM	25	0	19.55	19.70	19.73	20.7
10	256QAM	25	12	19.55	19.52	19.81	
10	256QAM	25	25	19.69	19.59	19.95	
10	256QAM	50	0	19.74	19.48	19.77	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.77	22.49	22.85	23.1
5	QPSK	1	12	22.50	22.43	22.61	
5	QPSK	1	24	22.57	22.43	22.84	
5	QPSK	12	0	22.68	22.66	22.79	23.1
5	QPSK	12	7	22.65	22.61	22.83	
5	QPSK	12	13	22.51	22.51	22.80	
5	QPSK	25	0	22.59	22.53	22.75	
5	16QAM	1	0	22.62	22.68	22.81	23.1
5	16QAM	1	12	22.84	22.86	22.80	
5	16QAM	1	24	22.70	22.67	22.88	
5	16QAM	12	0	22.83	22.62	22.87	23.1
5	16QAM	12	7	22.64	22.70	22.80	
5	16QAM	12	13	22.55	22.71	22.69	
5	16QAM	25	0	22.70	22.47	22.79	
5	64QAM	1	0	22.54	22.29	22.83	23.1
5	64QAM	1	12	22.61	22.68	22.80	
5	64QAM	1	24	22.70	22.67	22.83	
5	64QAM	12	0	21.57	21.58	21.96	22.7
5	64QAM	12	7	21.69	21.71	21.79	
5	64QAM	12	13	21.66	21.76	21.98	
5	64QAM	25	0	21.57	21.31	21.74	
5	256QAM	1	0	19.57	19.63	19.82	20.7
5	256QAM	1	12	19.79	19.64	19.90	
5	256QAM	1	24	19.71	19.69	19.93	
5	256QAM	12	0	19.57	19.68	19.82	20.7
5	256QAM	12	7	19.66	19.52	19.71	
5	256QAM	12	13	19.73	19.49	19.88	
5	256QAM	25	0	19.64	19.41	19.89	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.68	22.58	22.80	23.1
3	QPSK	1	8	22.54	22.35	22.75	
3	QPSK	1	14	22.52	22.63	22.89	
3	QPSK	8	0	22.69	22.70	22.78	23.1
3	QPSK	8	4	22.58	22.52	22.82	
3	QPSK	8	7	22.70	22.41	22.75	
3	QPSK	15	0	22.57	22.65	22.73	
3	16QAM	1	0	22.78	22.66	22.84	23.1
3	16QAM	1	8	22.78	22.78	22.89	
3	16QAM	1	14	22.62	22.53	22.77	
3	16QAM	8	0	22.73	22.57	22.83	23.1
3	16QAM	8	4	22.62	22.71	22.64	
3	16QAM	8	7	22.49	22.67	22.82	
3	16QAM	15	0	22.66	22.45	22.70	
3	64QAM	1	0	22.72	22.37	22.70	23.1
3	64QAM	1	8	22.68	22.69	22.86	
3	64QAM	1	14	22.72	22.62	22.90	
3	64QAM	8	0	21.45	21.39	21.95	22.7
3	64QAM	8	4	21.65	21.68	21.80	
3	64QAM	8	7	21.53	21.60	21.81	
3	64QAM	15	0	21.58	21.31	21.70	
3	256QAM	1	0	19.56	19.72	19.90	20.7
3	256QAM	1	8	19.73	19.72	20.10	
3	256QAM	1	14	19.79	19.70	19.89	
3	256QAM	8	0	19.59	19.61	19.86	20.7
3	256QAM	8	4	19.56	19.54	19.83	
3	256QAM	8	7	19.65	19.56	19.89	
3	256QAM	15	0	19.68	19.55	19.86	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.77	22.50	22.82	23.1
1.4	QPSK	1	3	22.51	22.38	22.76	
1.4	QPSK	1	5	22.51	22.63	22.85	
1.4	QPSK	3	0	22.76	22.61	22.88	
1.4	QPSK	3	1	22.62	22.38	22.72	
1.4	QPSK	3	3	22.55	22.44	22.77	
1.4	QPSK	6	0	22.54	22.54	22.87	23.1
1.4	16QAM	1	0	22.56	22.57	22.78	23.1
1.4	16QAM	1	3	22.59	22.48	22.85	
1.4	16QAM	1	5	22.70	22.59	22.67	
1.4	16QAM	3	0	22.64	22.58	22.85	
1.4	16QAM	3	1	22.68	22.82	22.71	
1.4	16QAM	3	3	22.73	22.61	22.84	
1.4	16QAM	6	0	22.87	22.55	22.90	23.1
1.4	64QAM	1	0	22.62	22.69	22.68	23.1
1.4	64QAM	1	3	22.68	22.66	22.79	
1.4	64QAM	1	5	22.65	22.48	22.68	
1.4	64QAM	3	0	22.63	22.33	22.87	
1.4	64QAM	3	1	22.61	22.72	22.86	
1.4	64QAM	3	3	22.57	22.60	22.87	
1.4	64QAM	6	0	21.41	21.42	21.92	22.7
1.4	256QAM	1	0	19.62	19.64	19.89	20.7
1.4	256QAM	1	3	19.73	19.70	19.99	
1.4	256QAM	1	5	19.75	19.52	19.98	
1.4	256QAM	3	0	19.53	19.65	19.86	
1.4	256QAM	3	1	19.59	19.38	19.78	
1.4	256QAM	3	3	19.72	19.57	19.88	
1.4	256QAM	6	0	19.77	19.44	19.86	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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.78	22.69	22.95	23.9
20	QPSK	1	49	22.70	22.55	22.80	
20	QPSK	1	99	22.58	22.63	22.90	
20	QPSK	50	0	22.72	22.71	22.95	23.9
20	QPSK	50	24	22.68	22.69	22.85	
20	QPSK	50	50	22.70	22.60	22.93	
20	QPSK	100	0	22.73	22.65	22.85	
20	16QAM	1	0	22.80	22.71	22.86	23.9
20	16QAM	1	49	22.86	22.86	22.89	
20	16QAM	1	99	22.79	22.70	22.88	
20	16QAM	50	0	22.89	22.72	22.90	23.7
20	16QAM	50	24	22.76	22.77	22.81	
20	16QAM	50	50	22.69	22.77	22.85	
20	16QAM	100	0	22.84	22.57	22.82	
20	64QAM	1	0	22.73	22.46	22.87	23.7
20	64QAM	1	49	22.71	22.72	22.88	
20	64QAM	1	99	22.73	22.72	22.91	
20	64QAM	50	0	21.60	21.58	22.05	22.7
20	64QAM	50	24	21.71	21.71	21.92	
20	64QAM	50	50	21.72	21.77	21.99	
20	64QAM	100	0	21.67	21.50	21.86	
20	256QAM	1	0	19.69	19.77	20.02	20.7
20	256QAM	1	49	19.84	19.73	20.10	
20	256QAM	1	99	19.85	19.72	20.07	
20	256QAM	50	0	19.61	19.74	19.92	20.7
20	256QAM	50	24	19.71	19.57	19.91	
20	256QAM	50	50	19.80	19.61	19.99	
20	256QAM	100	0	19.82	19.60	19.94	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.71	22.53	22.82	23.9
15	QPSK	1	37	22.61	22.47	22.67	
15	QPSK	1	74	22.44	22.56	22.78	
15	QPSK	36	0	22.63	22.61	22.89	23.9
15	QPSK	36	20	22.56	22.50	22.74	
15	QPSK	36	39	22.68	22.60	22.89	
15	QPSK	75	0	22.56	22.52	22.80	
15	16QAM	1	0	22.78	22.52	22.70	23.9
15	16QAM	1	37	22.71	22.79	22.85	
15	16QAM	1	74	22.62	22.53	22.75	
15	16QAM	36	0	22.87	22.54	22.84	23.7
15	16QAM	36	20	22.75	22.59	22.62	
15	16QAM	36	39	22.54	22.64	22.70	
15	16QAM	75	0	22.76	22.37	22.65	
15	64QAM	1	0	22.68	22.28	22.74	23.7
15	64QAM	1	37	22.71	22.54	22.80	
15	64QAM	1	74	22.62	22.57	22.91	
15	64QAM	36	0	21.41	21.54	21.96	22.7
15	64QAM	36	20	21.65	21.70	21.83	
15	64QAM	36	39	21.54	21.75	21.89	
15	64QAM	75	0	21.47	21.44	21.80	
15	256QAM	1	0	19.53	19.62	19.90	20.7
15	256QAM	1	37	19.65	19.65	19.97	
15	256QAM	1	74	19.80	19.55	19.92	
15	256QAM	36	0	19.46	19.64	19.91	20.7
15	256QAM	36	20	19.70	19.53	19.76	
15	256QAM	36	39	19.71	19.48	19.80	

15	256QAM	75	0	19.64	19.49	19.90	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.76	22.66	22.81	23.9
10	QPSK	1	25	22.51	22.39	22.70	
10	QPSK	1	49	22.47	22.43	22.80	
10	QPSK	25	0	22.65	22.61	22.77	23.9
10	QPSK	25	12	22.54	22.68	22.71	
10	QPSK	25	25	22.70	22.42	22.74	
10	QPSK	50	0	22.72	22.59	22.81	
10	16QAM	1	0	22.66	22.55	22.71	23.9
10	16QAM	1	25	22.82	22.70	22.80	
10	16QAM	1	49	22.70	22.65	22.69	
10	16QAM	25	0	22.88	22.65	22.73	23.7
10	16QAM	25	12	22.67	22.69	22.74	
10	16QAM	25	25	22.49	22.65	22.75	
10	16QAM	50	0	22.67	22.42	22.62	
10	64QAM	1	0	22.72	22.28	22.75	23.7
10	64QAM	1	25	22.55	22.64	22.74	
10	64QAM	1	49	22.64	22.62	22.91	
10	64QAM	25	0	21.43	21.53	22.05	22.7
10	64QAM	25	12	21.71	21.66	21.76	
10	64QAM	25	25	21.70	21.72	21.86	
10	64QAM	50	0	21.62	21.39	21.83	
10	256QAM	1	0	19.63	19.69	19.91	20.7
10	256QAM	1	25	19.71	19.70	20.02	
10	256QAM	1	49	19.80	19.55	19.88	
10	256QAM	25	0	19.55	19.70	19.73	20.7
10	256QAM	25	12	19.55	19.52	19.81	
10	256QAM	25	25	19.69	19.59	19.95	
10	256QAM	50	0	19.74	19.48	19.77	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.77	22.49	22.85	23.9
5	QPSK	1	12	22.50	22.43	22.61	
5	QPSK	1	24	22.57	22.43	22.84	
5	QPSK	12	0	22.68	22.66	22.79	23.9
5	QPSK	12	7	22.65	22.61	22.83	
5	QPSK	12	13	22.51	22.51	22.80	
5	QPSK	25	0	22.59	22.53	22.75	
5	16QAM	1	0	22.62	22.68	22.81	23.9
5	16QAM	1	12	22.84	22.86	22.80	
5	16QAM	1	24	22.70	22.67	22.88	
5	16QAM	12	0	22.83	22.62	22.87	23.7
5	16QAM	12	7	22.64	22.70	22.80	
5	16QAM	12	13	22.55	22.71	22.69	
5	16QAM	25	0	22.70	22.47	22.79	
5	64QAM	1	0	22.54	22.29	22.83	23.7
5	64QAM	1	12	22.61	22.68	22.80	
5	64QAM	1	24	22.70	22.67	22.83	
5	64QAM	12	0	21.57	21.58	21.96	22.7
5	64QAM	12	7	21.69	21.71	21.79	
5	64QAM	12	13	21.66	21.76	21.98	
5	64QAM	25	0	21.57	21.31	21.74	
5	256QAM	1	0	19.57	19.63	19.82	20.7
5	256QAM	1	12	19.79	19.64	19.90	
5	256QAM	1	24	19.71	19.69	19.93	
5	256QAM	12	0	19.57	19.68	19.82	20.7
5	256QAM	12	7	19.66	19.52	19.71	
5	256QAM	12	13	19.73	19.49	19.88	
5	256QAM	25	0	19.64	19.41	19.89	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.68	22.58	22.80	23.9
3	QPSK	1	8	22.54	22.35	22.75	
3	QPSK	1	14	22.52	22.63	22.89	
3	QPSK	8	0	22.69	22.70	22.78	23.9
3	QPSK	8	4	22.58	22.52	22.82	
3	QPSK	8	7	22.70	22.41	22.75	
3	QPSK	15	0	22.57	22.65	22.73	
3	16QAM	1	0	22.78	22.66	22.84	23.9
3	16QAM	1	8	22.78	22.78	22.89	
3	16QAM	1	14	22.62	22.53	22.77	
3	16QAM	8	0	22.73	22.57	22.83	23.7
3	16QAM	8	4	22.62	22.71	22.64	
3	16QAM	8	7	22.49	22.67	22.82	
3	16QAM	15	0	22.66	22.45	22.70	
3	64QAM	1	0	22.72	22.37	22.70	23.7
3	64QAM	1	8	22.68	22.69	22.86	
3	64QAM	1	14	22.72	22.62	22.90	
3	64QAM	8	0	21.45	21.39	21.95	22.7
3	64QAM	8	4	21.65	21.68	21.80	
3	64QAM	8	7	21.53	21.60	21.81	
3	64QAM	15	0	21.58	21.31	21.70	
3	256QAM	1	0	19.56	19.72	19.90	20.7
3	256QAM	1	8	19.73	19.72	20.10	
3	256QAM	1	14	19.79	19.70	19.89	
3	256QAM	8	0	19.59	19.61	19.86	20.7
3	256QAM	8	4	19.56	19.54	19.83	
3	256QAM	8	7	19.65	19.56	19.89	
3	256QAM	15	0	19.68	19.55	19.86	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.77	22.50	22.82	23.9
1.4	QPSK	1	3	22.51	22.38	22.76	
1.4	QPSK	1	5	22.51	22.63	22.85	
1.4	QPSK	3	0	22.76	22.61	22.88	
1.4	QPSK	3	1	22.62	22.38	22.72	
1.4	QPSK	3	3	22.55	22.44	22.77	
1.4	QPSK	6	0	22.54	22.54	22.87	23.9
1.4	16QAM	1	0	22.56	22.57	22.78	23.9
1.4	16QAM	1	3	22.59	22.48	22.85	
1.4	16QAM	1	5	22.70	22.59	22.67	
1.4	16QAM	3	0	22.64	22.58	22.85	
1.4	16QAM	3	1	22.68	22.82	22.71	
1.4	16QAM	3	3	22.73	22.61	22.84	
1.4	16QAM	6	0	22.87	22.55	22.90	23.7
1.4	64QAM	1	0	22.62	22.69	22.68	23.7
1.4	64QAM	1	3	22.68	22.66	22.79	
1.4	64QAM	1	5	22.65	22.48	22.68	
1.4	64QAM	3	0	22.63	22.33	22.87	
1.4	64QAM	3	1	22.61	22.72	22.86	
1.4	64QAM	3	3	22.57	22.60	22.87	
1.4	64QAM	6	0	21.41	21.42	21.92	22.7
1.4	256QAM	1	0	19.62	19.64	19.89	20.7
1.4	256QAM	1	3	19.73	19.70	19.99	
1.4	256QAM	1	5	19.75	19.52	19.98	
1.4	256QAM	3	0	19.53	19.65	19.86	
1.4	256QAM	3	1	19.59	19.38	19.78	
1.4	256QAM	3	3	19.72	19.57	19.88	
1.4	256QAM	6	0	19.77	19.44	19.86	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.77	24.80	24.78	25.7
20	QPSK	1	49	24.71	24.77	24.76	
20	QPSK	1	99	24.75	24.63	24.49	
20	QPSK	50	0	23.80	23.82	23.75	24.7
20	QPSK	50	24	23.76	23.76	23.71	
20	QPSK	50	50	23.77	23.72	23.69	
20	QPSK	100	0	23.75	23.86	23.72	
20	16QAM	1	0	24.05	23.89	24.06	24.7
20	16QAM	1	49	24.06	23.86	23.99	
20	16QAM	1	99	24.13	23.85	23.84	
20	16QAM	50	0	22.80	22.71	22.83	23.7
20	16QAM	50	24	22.81	22.74	22.78	
20	16QAM	50	50	22.82	22.74	22.70	
20	16QAM	100	0	22.81	22.75	22.70	
20	64QAM	1	0	22.98	22.82	22.99	23.7
20	64QAM	1	49	22.98	22.80	22.96	
20	64QAM	1	99	23.02	22.83	22.86	
20	64QAM	50	0	21.84	21.77	21.83	22.7
20	64QAM	50	24	21.88	21.78	21.78	
20	64QAM	50	50	21.89	21.75	21.68	
20	64QAM	100	0	21.86	21.76	21.72	
20	256QAM	1	0	19.72	19.54	19.65	20.7
20	256QAM	1	49	19.78	19.60	19.69	
20	256QAM	1	99	19.84	19.68	19.69	
20	256QAM	50	0	19.67	19.56	19.64	20.7
20	256QAM	50	24	19.73	19.61	19.68	
20	256QAM	50	50	19.81	19.66	19.71	
20	256QAM	100	0	19.73	19.63	19.73	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.70	24.67	24.71	25.7
15	QPSK	1	37	24.51	24.59	24.61	
15	QPSK	1	74	24.63	24.50	24.43	
15	QPSK	36	0	23.72	23.65	23.66	24.7
15	QPSK	36	20	23.76	23.67	23.53	
15	QPSK	36	39	23.63	23.69	23.49	
15	QPSK	75	0	23.56	23.75	23.72	
15	16QAM	1	0	23.94	23.89	23.93	24.7
15	16QAM	1	37	23.97	23.69	23.84	
15	16QAM	1	74	24.07	23.73	23.79	
15	16QAM	36	0	22.77	22.58	22.67	23.7
15	16QAM	36	20	22.74	22.73	22.75	
15	16QAM	36	39	22.69	22.54	22.65	
15	16QAM	75	0	22.75	22.68	22.53	
15	64QAM	1	0	22.94	22.82	22.83	23.7
15	64QAM	1	37	22.87	22.78	22.79	
15	64QAM	1	74	22.94	22.71	22.81	
15	64QAM	36	0	21.73	21.71	21.71	22.7
15	64QAM	36	20	21.76	21.68	21.75	
15	64QAM	36	39	21.78	21.75	21.53	
15	64QAM	75	0	21.77	21.69	21.53	
15	256QAM	1	0	19.59	19.46	19.53	20.7
15	256QAM	1	37	19.78	19.43	19.56	
15	256QAM	1	74	19.84	19.65	19.69	

15	256QAM	36	0	19.61	19.46	19.59	20.7
15	256QAM	36	20	19.62	19.57	19.64	
15	256QAM	36	39	19.76	19.53	19.59	
15	256QAM	75	0	19.72	19.51	19.57	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.61	24.67	24.73	25.7
10	QPSK	1	25	24.54	24.60	24.74	
10	QPSK	1	49	24.73	24.61	24.48	
10	QPSK	25	0	23.71	23.62	23.74	24.7
10	QPSK	25	12	23.76	23.76	23.59	
10	QPSK	25	25	23.63	23.69	23.59	
10	QPSK	50	0	23.66	23.73	23.53	
10	16QAM	1	0	23.87	23.70	23.97	24.7
10	16QAM	1	25	23.98	23.83	23.90	
10	16QAM	1	49	24.13	23.78	23.64	
10	16QAM	25	0	22.63	22.53	22.64	23.7
10	16QAM	25	12	22.73	22.69	22.76	
10	16QAM	25	25	22.80	22.54	22.61	
10	16QAM	50	0	22.61	22.73	22.53	
10	64QAM	1	0	22.85	22.79	22.95	23.7
10	64QAM	1	25	22.87	22.77	22.78	
10	64QAM	1	49	23.00	22.72	22.72	
10	64QAM	25	0	21.81	21.68	21.71	22.7
10	64QAM	25	12	21.76	21.64	21.76	
10	64QAM	25	25	21.82	21.67	21.49	
10	64QAM	50	0	21.70	21.57	21.57	
10	256QAM	1	0	19.52	19.35	19.48	20.7
10	256QAM	1	25	19.61	19.48	19.56	
10	256QAM	1	49	19.79	19.54	19.55	
10	256QAM	25	0	19.63	19.49	19.46	20.7
10	256QAM	25	12	19.68	19.42	19.53	
10	256QAM	25	25	19.78	19.49	19.70	
10	256QAM	50	0	19.69	19.54	19.69	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.74	24.78	24.78	25.7
5	QPSK	1	12	24.51	24.59	24.58	
5	QPSK	1	24	24.73	24.59	24.32	
5	QPSK	12	0	23.66	23.78	23.64	24.7
5	QPSK	12	7	23.64	23.64	23.61	
5	QPSK	12	13	23.76	23.62	23.57	
5	QPSK	25	0	23.57	23.69	23.58	
5	16QAM	1	0	24.05	23.75	23.94	24.7
5	16QAM	1	12	24.05	23.86	23.82	
5	16QAM	1	24	24.08	23.75	23.81	
5	16QAM	12	0	22.76	22.64	22.74	23.7
5	16QAM	12	7	22.77	22.73	22.75	
5	16QAM	12	13	22.72	22.59	22.58	
5	16QAM	25	0	22.73	22.56	22.59	
5	64QAM	1	0	22.83	22.72	22.99	23.7
5	64QAM	1	12	22.83	22.68	22.96	
5	64QAM	1	24	23.01	22.63	22.76	
5	64QAM	12	0	21.76	21.73	21.65	22.7
5	64QAM	12	7	21.69	21.61	21.60	
5	64QAM	12	13	21.84	21.70	21.57	
5	64QAM	25	0	21.77	21.56	21.70	
5	256QAM	1	0	19.68	19.36	19.46	20.7
5	256QAM	1	12	19.64	19.57	19.60	

5	256QAM	1	24	19.69	19.49	19.62	
5	256QAM	12	0	19.54	19.40	19.53	20.7
5	256QAM	12	7	19.61	19.52	19.52	
5	256QAM	12	13	19.80	19.55	19.51	
5	256QAM	25	0	19.57	19.60	19.73	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.67	24.63	24.70	25.7
3	QPSK	1	8	24.65	24.62	24.62	
3	QPSK	1	14	24.63	24.49	24.41	
3	QPSK	8	0	23.76	23.73	23.75	24.7
3	QPSK	8	4	23.69	23.57	23.54	
3	QPSK	8	7	23.57	23.56	23.55	
3	QPSK	15	0	23.67	23.68	23.72	
3	16QAM	1	0	23.96	23.89	23.95	24.7
3	16QAM	1	8	24.06	23.76	23.79	
3	16QAM	1	14	24.01	23.85	23.66	
3	16QAM	8	0	22.61	22.67	22.74	23.7
3	16QAM	8	4	22.81	22.58	22.66	
3	16QAM	8	7	22.81	22.73	22.50	
3	16QAM	15	0	22.73	22.56	22.64	
3	64QAM	1	0	22.91	22.74	22.97	23.7
3	64QAM	1	8	22.92	22.65	22.76	
3	64QAM	1	14	22.97	22.63	22.66	
3	64QAM	8	0	21.66	21.61	21.76	22.7
3	64QAM	8	4	21.81	21.67	21.62	
3	64QAM	8	7	21.75	21.57	21.65	
3	64QAM	15	0	21.83	21.65	21.52	
3	256QAM	1	0	19.63	19.36	19.54	20.7
3	256QAM	1	8	19.70	19.47	19.61	
3	256QAM	1	14	19.80	19.62	19.51	
3	256QAM	8	0	19.58	19.46	19.52	20.7
3	256QAM	8	4	19.53	19.41	19.68	
3	256QAM	8	7	19.81	19.58	19.58	
3	256QAM	15	0	19.60	19.56	19.72	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.69	24.71	24.72	25.7
1.4	QPSK	1	3	24.68	24.77	24.58	
1.4	QPSK	1	5	24.63	24.51	24.31	
1.4	QPSK	3	0	24.74	24.60	24.64	
1.4	QPSK	3	1	24.52	24.75	24.61	
1.4	QPSK	3	3	24.58	24.60	24.34	
1.4	QPSK	6	0	23.62	23.68	23.58	24.7
1.4	16QAM	1	0	23.60	23.67	23.52	24.7
1.4	16QAM	1	3	23.62	23.63	23.53	
1.4	16QAM	1	5	23.55	23.76	23.69	
1.4	16QAM	3	0	23.91	23.70	23.87	
1.4	16QAM	3	1	23.99	23.81	23.83	
1.4	16QAM	3	3	24.07	23.78	23.68	
1.4	16QAM	6	0	22.68	22.68	22.79	23.7
1.4	64QAM	1	0	22.68	22.59	22.72	23.7
1.4	64QAM	1	3	22.70	22.64	22.51	
1.4	64QAM	1	5	22.69	22.55	22.61	
1.4	64QAM	3	0	22.80	22.65	22.91	
1.4	64QAM	3	1	22.90	22.64	22.87	
1.4	64QAM	3	3	22.88	22.76	22.71	
1.4	64QAM	6	0	21.70	21.74	21.79	22.7
1.4	256QAM	1	0	19.62	19.44	19.55	20.7

1.4	256QAM	1	3	19.78	19.40	19.65	
1.4	256QAM	1	5	19.79	19.48	19.56	
1.4	256QAM	3	0	19.49	19.37	19.44	
1.4	256QAM	3	1	19.58	19.61	19.63	
1.4	256QAM	3	3	19.76	19.64	19.68	
1.4	256QAM	6	0	19.63	19.53	19.71	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.27	19.25	19.35	19.5
20	QPSK	1	49	19.17	19.23	19.33	
20	QPSK	1	99	19.20	19.12	19.02	
20	QPSK	50	0	19.26	19.26	19.25	19.5
20	QPSK	50	24	19.30	19.28	19.28	
20	QPSK	50	50	19.33	19.34	19.20	
20	QPSK	100	0	19.31	19.28	19.30	
20	16QAM	1	0	19.23	19.07	19.31	19.5
20	16QAM	1	49	19.26	19.10	19.27	
20	16QAM	1	99	19.18	19.00	19.10	
20	16QAM	50	0	19.34	19.29	19.33	19.5
20	16QAM	50	24	19.27	19.27	19.29	
20	16QAM	50	50	19.27	19.24	19.20	
20	16QAM	100	0	19.25	19.28	19.27	
20	64QAM	1	0	19.16	19.08	19.20	19.5
20	64QAM	1	49	19.08	18.95	19.07	
20	64QAM	1	99	19.06	18.85	18.89	
20	64QAM	50	0	19.27	19.30	19.26	19.5
20	64QAM	50	24	19.30	19.30	19.33	
20	64QAM	50	50	19.29	19.28	19.24	
20	64QAM	100	0	19.27	19.27	19.29	
20	256QAM	1	0	19.18	19.23	19.31	19.5
20	256QAM	1	49	19.22	19.18	19.29	
20	256QAM	1	99	19.17	19.23	19.33	
20	256QAM	50	0	19.12	19.20	19.17	19.5
20	256QAM	50	24	19.20	19.20	19.18	
20	256QAM	50	50	19.11	19.11	19.32	
20	256QAM	100	0	19.27	19.25	19.13	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.27	19.08	19.32	19.5
15	QPSK	1	37	19.06	19.03	19.17	
15	QPSK	1	74	19.04	19.09	18.88	
15	QPSK	36	0	19.10	19.14	19.07	19.5
15	QPSK	36	20	19.22	19.18	19.12	
15	QPSK	36	39	19.29	19.17	19.10	
15	QPSK	75	0	19.18	19.11	19.17	
15	16QAM	1	0	19.22	18.91	19.14	19.5
15	16QAM	1	37	19.09	19.03	19.27	
15	16QAM	1	74	19.00	18.91	18.94	
15	16QAM	36	0	19.31	19.26	19.22	19.5
15	16QAM	36	20	19.09	19.19	19.10	
15	16QAM	36	39	19.17	19.24	19.20	
15	16QAM	75	0	19.24	19.19	19.24	
15	64QAM	1	0	19.10	19.00	19.01	19.5
15	64QAM	1	37	18.95	18.77	18.91	
15	64QAM	1	74	18.95	18.79	18.71	

15	64QAM	36	0	19.09	19.18	19.18	19.5
15	64QAM	36	20	19.10	19.14	19.18	
15	64QAM	36	39	19.25	19.27	19.04	
15	64QAM	75	0	19.20	19.20	19.25	
15	256QAM	1	0	19.09	19.20	19.19	19.5
15	256QAM	1	37	19.21	19.07	19.13	
15	256QAM	1	74	19.08	19.03	19.33	
15	256QAM	36	0	18.95	19.17	19.12	19.5
15	256QAM	36	20	19.04	19.15	19.15	
15	256QAM	36	39	18.92	18.94	19.13	
15	256QAM	75	0	19.09	19.16	19.01	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.11	19.07	19.18	19.5
10	QPSK	1	25	19.02	19.17	19.26	
10	QPSK	1	49	19.03	18.95	18.97	
10	QPSK	25	0	19.10	19.10	19.06	19.5
10	QPSK	25	12	19.23	19.14	19.19	
10	QPSK	25	25	19.21	19.18	19.07	
10	QPSK	50	0	19.31	19.25	19.13	
10	16QAM	1	0	19.14	18.88	19.21	19.5
10	16QAM	1	25	19.21	18.90	19.09	
10	16QAM	1	49	19.03	18.91	19.04	
10	16QAM	25	0	19.22	19.09	19.28	19.5
10	16QAM	25	12	19.07	19.22	19.16	
10	16QAM	25	25	19.21	19.11	19.15	
10	16QAM	50	0	19.14	19.28	19.10	
10	64QAM	1	0	19.01	19.01	19.17	19.5
10	64QAM	1	25	19.01	18.92	18.89	
10	64QAM	1	49	18.94	18.69	18.74	
10	64QAM	25	0	19.18	19.10	19.17	19.5
10	64QAM	25	12	19.25	19.15	19.21	
10	64QAM	25	25	19.28	19.21	19.08	
10	64QAM	50	0	19.15	19.08	19.20	
10	256QAM	1	0	18.99	19.18	19.21	19.5
10	256QAM	1	25	19.22	19.03	19.27	
10	256QAM	1	49	19.17	19.15	19.23	
10	256QAM	25	0	18.95	19.00	19.14	19.5
10	256QAM	25	12	19.17	19.08	19.09	
10	256QAM	25	25	18.94	18.91	19.28	
10	256QAM	50	0	19.11	19.21	19.10	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.15	19.05	19.17	19.5
5	QPSK	1	12	18.97	19.14	19.17	
5	QPSK	1	24	19.06	18.93	18.97	
5	QPSK	12	0	19.25	19.18	19.16	19.5
5	QPSK	12	7	19.15	19.09	19.26	
5	QPSK	12	13	19.25	19.17	19.12	
5	QPSK	25	0	19.16	19.26	19.24	
5	16QAM	1	0	19.09	18.91	19.18	19.5
5	16QAM	1	12	19.18	19.06	19.08	
5	16QAM	1	24	19.12	18.88	19.07	
5	16QAM	12	0	19.25	19.12	19.23	19.5
5	16QAM	12	7	19.09	19.25	19.11	
5	16QAM	12	13	19.24	19.20	19.20	
5	16QAM	25	0	19.18	19.24	19.10	
5	64QAM	1	0	19.11	19.08	19.15	19.5
5	64QAM	1	12	18.97	18.95	19.00	

5	64QAM	1	24	18.89	18.78	18.83	
5	64QAM	12	0	19.19	19.15	19.12	19.5
5	64QAM	12	7	19.23	19.21	19.21	
5	64QAM	12	13	19.12	19.08	19.08	
5	64QAM	25	0	19.19	19.07	19.17	
5	256QAM	1	0	19.08	19.13	19.26	19.5
5	256QAM	1	12	19.12	18.99	19.12	
5	256QAM	1	24	18.97	19.11	19.27	
5	256QAM	12	0	18.95	19.03	19.04	19.5
5	256QAM	12	7	19.03	19.16	19.14	
5	256QAM	12	13	18.99	18.93	19.13	
5	256QAM	25	0	19.17	19.22	19.13	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.26	19.08	19.27	19.5
3	QPSK	1	8	19.06	19.11	19.15	
3	QPSK	1	14	19.14	19.12	19.01	
3	QPSK	8	0	19.16	19.14	19.07	19.5
3	QPSK	8	4	19.22	19.27	19.09	
3	QPSK	8	7	19.21	19.15	19.18	
3	QPSK	15	0	19.29	19.12	19.11	
3	16QAM	1	0	19.10	18.92	19.23	19.5
3	16QAM	1	8	19.15	18.96	19.23	
3	16QAM	1	14	19.17	18.98	19.05	
3	16QAM	8	0	19.18	19.29	19.26	19.5
3	16QAM	8	4	19.13	19.27	19.12	
3	16QAM	8	7	19.20	19.17	19.07	
3	16QAM	15	0	19.14	19.09	19.22	
3	64QAM	1	0	19.11	18.97	19.18	19.5
3	64QAM	1	8	18.99	18.88	18.95	
3	64QAM	1	14	18.99	18.66	18.86	
3	64QAM	8	0	19.27	19.26	19.12	19.5
3	64QAM	8	4	19.25	19.12	19.25	
3	64QAM	8	7	19.25	19.12	19.11	
3	64QAM	15	0	19.15	19.09	19.20	
3	256QAM	1	0	18.98	19.23	19.31	19.5
3	256QAM	1	8	19.15	19.15	19.28	
3	256QAM	1	14	19.05	19.22	19.24	
3	256QAM	8	0	19.01	19.09	18.97	19.5
3	256QAM	8	4	19.00	19.18	19.06	
3	256QAM	8	7	18.99	19.06	19.15	
3	256QAM	15	0	19.15	19.06	19.02	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.24	19.14	19.29	19.5
1.4	QPSK	1	3	19.09	19.09	19.15	
1.4	QPSK	1	5	19.19	19.07	18.96	
1.4	QPSK	3	0	19.06	19.24	19.09	
1.4	QPSK	3	1	19.28	19.18	19.10	
1.4	QPSK	3	3	19.26	19.17	19.01	
1.4	QPSK	6	0	19.21	19.19	19.27	19.5
1.4	16QAM	1	0	19.04	18.97	19.15	19.5
1.4	16QAM	1	3	19.14	19.06	19.20	
1.4	16QAM	1	5	19.00	18.84	18.90	
1.4	16QAM	3	0	19.16	19.10	19.23	
1.4	16QAM	3	1	19.08	19.16	19.23	
1.4	16QAM	3	3	19.09	19.12	19.03	
1.4	16QAM	6	0	19.08	19.12	19.13	19.5
1.4	64QAM	1	0	19.12	18.96	19.07	19.5

1.4	64QAM	1	3	18.95	18.86	18.88	
1.4	64QAM	1	5	19.00	18.67	18.72	
1.4	64QAM	3	0	19.26	19.15	19.18	
1.4	64QAM	3	1	19.28	19.17	19.22	
1.4	64QAM	3	3	19.16	19.23	19.24	
1.4	64QAM	6	0	19.25	19.08	19.13	19.5
1.4	256QAM	1	0	19.04	19.12	19.24	19.5
1.4	256QAM	1	3	19.12	19.05	19.21	
1.4	256QAM	1	5	19.07	19.17	19.30	
1.4	256QAM	3	0	18.95	19.04	19.12	
1.4	256QAM	3	1	19.16	19.20	19.17	
1.4	256QAM	3	3	19.01	19.10	19.21	
1.4	256QAM	6	0	19.24	19.18	18.97	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.50	21.56	21.55	22.4
20	QPSK	1	49	21.49	21.50	21.54	
20	QPSK	1	99	21.49	21.42	21.34	
20	QPSK	50	0	21.52	21.47	21.53	22.4
20	QPSK	50	24	21.55	21.48	21.47	
20	QPSK	50	50	21.52	21.45	21.40	
20	QPSK	100	0	21.55	21.50	21.45	
20	16QAM	1	0	21.46	21.33	21.48	22.4
20	16QAM	1	49	21.49	21.39	21.48	
20	16QAM	1	99	21.47	21.33	21.32	
20	16QAM	50	0	21.52	21.43	21.51	22.4
20	16QAM	50	24	21.54	21.42	21.48	
20	16QAM	50	50	21.53	21.40	21.37	
20	16QAM	100	0	21.51	21.43	21.41	
20	64QAM	1	0	21.45	21.55	21.53	22.4
20	64QAM	1	49	21.52	21.45	21.54	
20	64QAM	1	99	21.53	21.48	21.41	
20	64QAM	50	0	21.53	21.45	21.54	22.4
20	64QAM	50	24	21.54	21.45	21.48	
20	64QAM	50	50	21.54	21.41	21.38	
20	64QAM	100	0	21.52	21.44	21.44	
20	256QAM	1	0	19.73	19.45	19.75	20.7
20	256QAM	1	49	19.88	19.63	19.79	
20	256QAM	1	99	19.87	19.65	19.72	
20	256QAM	50	0	19.75	19.61	19.71	20.7
20	256QAM	50	24	19.66	19.62	19.77	
20	256QAM	50	50	19.77	19.58	19.74	
20	256QAM	100	0	19.68	19.57	19.77	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.34	21.51	21.42	22.4
15	QPSK	1	37	21.43	21.32	21.50	
15	QPSK	1	74	21.31	21.29	21.32	
15	QPSK	36	0	21.37	21.39	21.50	22.4
15	QPSK	36	20	21.42	21.33	21.42	
15	QPSK	36	39	21.39	21.33	21.20	
15	QPSK	75	0	21.55	21.32	21.30	
15	16QAM	1	0	21.29	21.28	21.39	22.4
15	16QAM	1	37	21.36	21.22	21.40	
15	16QAM	1	74	21.38	21.28	21.29	

15	16QAM	36	0	21.47	21.41	21.37	22.4
15	16QAM	36	20	21.37	21.34	21.46	
15	16QAM	36	39	21.39	21.27	21.35	
15	16QAM	75	0	21.35	21.26	21.27	
15	64QAM	1	0	21.44	21.35	21.44	22.4
15	64QAM	1	37	21.49	21.40	21.45	
15	64QAM	1	74	21.40	21.41	21.22	
15	64QAM	36	0	21.52	21.36	21.47	22.4
15	64QAM	36	20	21.42	21.25	21.33	
15	64QAM	36	39	21.35	21.24	21.22	
15	64QAM	75	0	21.34	21.37	21.39	
15	256QAM	1	0	19.69	19.34	19.74	20.7
15	256QAM	1	37	19.68	19.45	19.73	
15	256QAM	1	74	19.83	19.61	19.71	
15	256QAM	36	0	19.71	19.51	19.64	20.7
15	256QAM	36	20	19.66	19.60	19.57	
15	256QAM	36	39	19.59	19.49	19.70	
15	256QAM	75	0	19.66	19.41	19.67	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.40	21.55	21.45	22.4
10	QPSK	1	25	21.33	21.37	21.37	
10	QPSK	1	49	21.49	21.24	21.25	
10	QPSK	25	0	21.34	21.36	21.49	22.4
10	QPSK	25	12	21.49	21.32	21.36	
10	QPSK	25	25	21.35	21.44	21.26	
10	QPSK	50	0	21.36	21.40	21.25	
10	16QAM	1	0	21.36	21.29	21.36	22.4
10	16QAM	1	25	21.29	21.27	21.31	
10	16QAM	1	49	21.32	21.26	21.23	
10	16QAM	25	0	21.39	21.35	21.40	22.4
10	16QAM	25	12	21.39	21.37	21.37	
10	16QAM	25	25	21.45	21.24	21.27	
10	16QAM	50	0	21.37	21.42	21.33	
10	64QAM	1	0	21.26	21.48	21.34	22.4
10	64QAM	1	25	21.48	21.37	21.51	
10	64QAM	1	49	21.44	21.37	21.41	
10	64QAM	25	0	21.47	21.43	21.38	22.4
10	64QAM	25	12	21.44	21.35	21.33	
10	64QAM	25	25	21.45	21.30	21.28	
10	64QAM	50	0	21.45	21.44	21.35	
10	256QAM	1	0	19.71	19.39	19.56	20.7
10	256QAM	1	25	19.77	19.54	19.60	
10	256QAM	1	49	19.69	19.51	19.70	
10	256QAM	25	0	19.57	19.47	19.57	20.7
10	256QAM	25	12	19.54	19.52	19.73	
10	256QAM	25	25	19.72	19.42	19.57	
10	256QAM	50	0	19.58	19.47	19.73	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.41	21.40	21.43	22.4
5	QPSK	1	12	21.46	21.32	21.37	
5	QPSK	1	24	21.29	21.42	21.29	
5	QPSK	12	0	21.41	21.47	21.38	22.4
5	QPSK	12	7	21.41	21.43	21.29	
5	QPSK	12	13	21.43	21.31	21.37	
5	QPSK	25	0	21.37	21.42	21.40	
5	16QAM	1	0	21.32	21.21	21.34	22.4
5	16QAM	1	12	21.39	21.19	21.46	

5	16QAM	1	24	21.47	21.21	21.21	
5	16QAM	12	0	21.36	21.30	21.47	22.4
5	16QAM	12	7	21.54	21.22	21.35	
5	16QAM	12	13	21.37	21.40	21.26	
5	16QAM	25	0	21.46	21.41	21.24	
5	64QAM	1	0	21.33	21.36	21.47	22.4
5	64QAM	1	12	21.52	21.41	21.36	
5	64QAM	1	24	21.51	21.48	21.30	
5	64QAM	12	0	21.39	21.34	21.38	22.4
5	64QAM	12	7	21.48	21.38	21.29	
5	64QAM	12	13	21.46	21.21	21.27	
5	64QAM	25	0	21.36	21.41	21.40	
5	256QAM	1	0	19.63	19.43	19.57	20.7
5	256QAM	1	12	19.80	19.63	19.79	
5	256QAM	1	24	19.72	19.58	19.57	
5	256QAM	12	0	19.58	19.48	19.66	20.7
5	256QAM	12	7	19.54	19.46	19.66	
5	256QAM	12	13	19.61	19.46	19.67	
5	256QAM	25	0	19.58	19.45	19.60	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.39	21.42	21.53	22.4
3	QPSK	1	8	21.29	21.38	21.38	
3	QPSK	1	14	21.30	21.35	21.23	
3	QPSK	8	0	21.45	21.47	21.42	22.4
3	QPSK	8	4	21.51	21.47	21.39	
3	QPSK	8	7	21.52	21.40	21.36	
3	QPSK	15	0	21.55	21.30	21.33	
3	16QAM	1	0	21.41	21.27	21.35	22.4
3	16QAM	1	8	21.48	21.28	21.41	
3	16QAM	1	14	21.44	21.31	21.19	
3	16QAM	8	0	21.48	21.30	21.37	22.4
3	16QAM	8	4	21.52	21.25	21.40	
3	16QAM	8	7	21.42	21.21	21.20	
3	16QAM	15	0	21.49	21.32	21.39	
3	64QAM	1	0	21.33	21.37	21.45	22.4
3	64QAM	1	8	21.40	21.32	21.36	
3	64QAM	1	14	21.43	21.33	21.38	
3	64QAM	8	0	21.48	21.38	21.35	22.4
3	64QAM	8	4	21.41	21.34	21.46	
3	64QAM	8	7	21.46	21.40	21.22	
3	64QAM	15	0	21.52	21.39	21.30	
3	256QAM	1	0	19.65	19.40	19.57	20.7
3	256QAM	1	8	19.73	19.58	19.69	
3	256QAM	1	14	19.67	19.52	19.57	
3	256QAM	8	0	19.59	19.60	19.54	20.7
3	256QAM	8	4	19.61	19.60	19.63	
3	256QAM	8	7	19.73	19.45	19.68	
3	256QAM	15	0	19.56	19.47	19.75	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.46	21.53	21.40	22.4
1.4	QPSK	1	3	21.43	21.40	21.47	
1.4	QPSK	1	5	21.41	21.22	21.20	
1.4	QPSK	3	0	21.51	21.35	21.47	
1.4	QPSK	3	1	21.47	21.39	21.47	
1.4	QPSK	3	3	21.46	21.39	21.39	
1.4	QPSK	6	0	21.39	21.41	21.37	22.4
1.4	16QAM	1	0	21.38	21.14	21.31	22.4

1.4	16QAM	1	3	21.42	21.24	21.37	
1.4	16QAM	1	5	21.30	21.17	21.30	
1.4	16QAM	3	0	21.34	21.41	21.48	
1.4	16QAM	3	1	21.44	21.33	21.47	
1.4	16QAM	3	3	21.39	21.39	21.31	
1.4	16QAM	6	0	21.47	21.41	21.38	22.4
1.4	64QAM	1	0	21.30	21.47	21.34	22.4
1.4	64QAM	1	3	21.51	21.38	21.52	
1.4	64QAM	1	5	21.42	21.32	21.25	
1.4	64QAM	3	0	21.53	21.33	21.43	
1.4	64QAM	3	1	21.41	21.31	21.34	
1.4	64QAM	3	3	21.36	21.40	21.21	
1.4	64QAM	6	0	21.33	21.28	21.29	22.4
1.4	256QAM	1	0	19.55	19.27	19.55	20.7
1.4	256QAM	1	3	19.86	19.63	19.63	
1.4	256QAM	1	5	19.82	19.61	19.62	
1.4	256QAM	3	0	19.71	19.55	19.65	
1.4	256QAM	3	1	19.48	19.42	19.77	
1.4	256QAM	3	3	19.70	19.39	19.56	
1.4	256QAM	6	0	19.51	19.44	19.76	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.50	21.56	21.55	21.6
20	QPSK	1	49	21.49	21.50	21.54	
20	QPSK	1	99	21.49	21.42	21.34	
20	QPSK	50	0	21.52	21.47	21.53	21.6
20	QPSK	50	24	21.55	21.48	21.47	
20	QPSK	50	50	21.52	21.45	21.40	
20	QPSK	100	0	21.55	21.50	21.45	
20	16QAM	1	0	21.46	21.33	21.48	21.6
20	16QAM	1	49	21.49	21.39	21.48	
20	16QAM	1	99	21.47	21.33	21.32	
20	16QAM	50	0	21.52	21.43	21.51	21.6
20	16QAM	50	24	21.54	21.42	21.48	
20	16QAM	50	50	21.53	21.40	21.37	
20	16QAM	100	0	21.51	21.43	21.41	
20	64QAM	1	0	21.45	21.55	21.53	21.6
20	64QAM	1	49	21.52	21.45	21.54	
20	64QAM	1	99	21.53	21.48	21.41	
20	64QAM	50	0	21.53	21.45	21.54	21.6
20	64QAM	50	24	21.54	21.45	21.48	
20	64QAM	50	50	21.54	21.41	21.38	
20	64QAM	100	0	21.52	21.44	21.44	
20	256QAM	1	0	19.73	19.45	19.75	20.7
20	256QAM	1	49	19.88	19.63	19.79	
20	256QAM	1	99	19.87	19.65	19.72	
20	256QAM	50	0	19.75	19.61	19.71	20.7
20	256QAM	50	24	19.66	19.62	19.77	
20	256QAM	50	50	19.77	19.58	19.74	
20	256QAM	100	0	19.68	19.57	19.77	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.34	21.51	21.42	21.6
15	QPSK	1	37	21.43	21.32	21.50	
15	QPSK	1	74	21.31	21.29	21.32	
15	QPSK	36	0	21.37	21.39	21.50	21.6
15	QPSK	36	20	21.42	21.33	21.42	
15	QPSK	36	39	21.39	21.33	21.20	
15	QPSK	75	0	21.55	21.32	21.30	
15	16QAM	1	0	21.29	21.28	21.39	21.6
15	16QAM	1	37	21.36	21.22	21.40	
15	16QAM	1	74	21.38	21.28	21.29	
15	16QAM	36	0	21.47	21.41	21.37	21.6
15	16QAM	36	20	21.37	21.34	21.46	
15	16QAM	36	39	21.39	21.27	21.35	
15	16QAM	75	0	21.35	21.26	21.27	
15	64QAM	1	0	21.44	21.35	21.44	21.6
15	64QAM	1	37	21.49	21.40	21.45	
15	64QAM	1	74	21.40	21.41	21.22	
15	64QAM	36	0	21.52	21.36	21.47	21.6
15	64QAM	36	20	21.42	21.25	21.33	
15	64QAM	36	39	21.35	21.24	21.22	
15	64QAM	75	0	21.34	21.37	21.39	
15	256QAM	1	0	19.69	19.34	19.74	20.7
15	256QAM	1	37	19.68	19.45	19.73	
15	256QAM	1	74	19.83	19.61	19.71	

15	256QAM	36	0	19.71	19.51	19.64	20.7
15	256QAM	36	20	19.66	19.60	19.57	
15	256QAM	36	39	19.59	19.49	19.70	
15	256QAM	75	0	19.66	19.41	19.67	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.40	21.55	21.45	21.6
10	QPSK	1	25	21.33	21.37	21.37	
10	QPSK	1	49	21.49	21.24	21.25	
10	QPSK	25	0	21.34	21.36	21.49	21.6
10	QPSK	25	12	21.49	21.32	21.36	
10	QPSK	25	25	21.35	21.44	21.26	
10	QPSK	50	0	21.36	21.40	21.25	
10	16QAM	1	0	21.36	21.29	21.36	21.6
10	16QAM	1	25	21.29	21.27	21.31	
10	16QAM	1	49	21.32	21.26	21.23	
10	16QAM	25	0	21.39	21.35	21.40	21.6
10	16QAM	25	12	21.39	21.37	21.37	
10	16QAM	25	25	21.45	21.24	21.27	
10	16QAM	50	0	21.37	21.42	21.33	
10	64QAM	1	0	21.26	21.48	21.34	21.6
10	64QAM	1	25	21.48	21.37	21.51	
10	64QAM	1	49	21.44	21.37	21.41	
10	64QAM	25	0	21.47	21.43	21.38	21.6
10	64QAM	25	12	21.44	21.35	21.33	
10	64QAM	25	25	21.45	21.30	21.28	
10	64QAM	50	0	21.45	21.44	21.35	
10	256QAM	1	0	19.71	19.39	19.56	20.7
10	256QAM	1	25	19.77	19.54	19.60	
10	256QAM	1	49	19.69	19.51	19.70	
10	256QAM	25	0	19.57	19.47	19.57	20.7
10	256QAM	25	12	19.54	19.52	19.73	
10	256QAM	25	25	19.72	19.42	19.57	
10	256QAM	50	0	19.58	19.47	19.73	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.41	21.40	21.43	21.6
5	QPSK	1	12	21.46	21.32	21.37	
5	QPSK	1	24	21.29	21.42	21.29	
5	QPSK	12	0	21.41	21.47	21.38	21.6
5	QPSK	12	7	21.41	21.43	21.29	
5	QPSK	12	13	21.43	21.31	21.37	
5	QPSK	25	0	21.37	21.42	21.40	
5	16QAM	1	0	21.32	21.21	21.34	21.6
5	16QAM	1	12	21.39	21.19	21.46	
5	16QAM	1	24	21.47	21.21	21.21	
5	16QAM	12	0	21.36	21.30	21.47	21.6
5	16QAM	12	7	21.54	21.22	21.35	
5	16QAM	12	13	21.37	21.40	21.26	
5	16QAM	25	0	21.46	21.41	21.24	
5	64QAM	1	0	21.33	21.36	21.47	21.6
5	64QAM	1	12	21.52	21.41	21.36	
5	64QAM	1	24	21.51	21.48	21.30	
5	64QAM	12	0	21.39	21.34	21.38	21.6
5	64QAM	12	7	21.48	21.38	21.29	
5	64QAM	12	13	21.46	21.21	21.27	
5	64QAM	25	0	21.36	21.41	21.40	
5	256QAM	1	0	19.63	19.43	19.57	20.7
5	256QAM	1	12	19.80	19.63	19.79	

5	256QAM	1	24	19.72	19.58	19.57	
5	256QAM	12	0	19.58	19.48	19.66	20.7
5	256QAM	12	7	19.54	19.46	19.66	
5	256QAM	12	13	19.61	19.46	19.67	
5	256QAM	25	0	19.58	19.45	19.60	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.39	21.42	21.53	21.6
3	QPSK	1	8	21.29	21.38	21.38	
3	QPSK	1	14	21.30	21.35	21.23	
3	QPSK	8	0	21.45	21.47	21.42	21.6
3	QPSK	8	4	21.51	21.47	21.39	
3	QPSK	8	7	21.52	21.40	21.36	
3	QPSK	15	0	21.55	21.30	21.33	
3	16QAM	1	0	21.41	21.27	21.35	21.6
3	16QAM	1	8	21.48	21.28	21.41	
3	16QAM	1	14	21.44	21.31	21.19	
3	16QAM	8	0	21.48	21.30	21.37	21.6
3	16QAM	8	4	21.52	21.25	21.40	
3	16QAM	8	7	21.42	21.21	21.20	
3	16QAM	15	0	21.49	21.32	21.39	
3	64QAM	1	0	21.33	21.37	21.45	21.6
3	64QAM	1	8	21.40	21.32	21.36	
3	64QAM	1	14	21.43	21.33	21.38	
3	64QAM	8	0	21.48	21.38	21.35	21.6
3	64QAM	8	4	21.41	21.34	21.46	
3	64QAM	8	7	21.46	21.40	21.22	
3	64QAM	15	0	21.52	21.39	21.30	
3	256QAM	1	0	19.65	19.40	19.57	20.7
3	256QAM	1	8	19.73	19.58	19.69	
3	256QAM	1	14	19.67	19.52	19.57	
3	256QAM	8	0	19.59	19.60	19.54	20.7
3	256QAM	8	4	19.61	19.60	19.63	
3	256QAM	8	7	19.73	19.45	19.68	
3	256QAM	15	0	19.56	19.47	19.75	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.46	21.53	21.40	21.6
1.4	QPSK	1	3	21.43	21.40	21.47	
1.4	QPSK	1	5	21.41	21.22	21.20	
1.4	QPSK	3	0	21.51	21.35	21.47	
1.4	QPSK	3	1	21.47	21.39	21.47	
1.4	QPSK	3	3	21.46	21.39	21.39	
1.4	QPSK	6	0	21.39	21.41	21.37	21.6
1.4	16QAM	1	0	21.38	21.14	21.31	21.6
1.4	16QAM	1	3	21.42	21.24	21.37	
1.4	16QAM	1	5	21.30	21.17	21.30	
1.4	16QAM	3	0	21.34	21.41	21.48	
1.4	16QAM	3	1	21.44	21.33	21.47	
1.4	16QAM	3	3	21.39	21.39	21.31	
1.4	16QAM	6	0	21.47	21.41	21.38	21.6
1.4	64QAM	1	0	21.30	21.47	21.34	21.6
1.4	64QAM	1	3	21.51	21.38	21.52	
1.4	64QAM	1	5	21.42	21.32	21.25	
1.4	64QAM	3	0	21.53	21.33	21.43	
1.4	64QAM	3	1	21.41	21.31	21.34	
1.4	64QAM	3	3	21.36	21.40	21.21	
1.4	64QAM	6	0	21.33	21.28	21.29	21.6
1.4	256QAM	1	0	19.55	19.27	19.55	20.7

1.4	256QAM	1	3	19.86	19.63	19.63	
1.4	256QAM	1	5	19.82	19.61	19.62	
1.4	256QAM	3	0	19.71	19.55	19.65	
1.4	256QAM	3	1	19.48	19.42	19.77	
1.4	256QAM	3	3	19.70	19.39	19.56	
1.4	256QAM	6	0	19.51	19.44	19.76	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.08	19.21	19.14	19.8
20	QPSK	1	49	19.08	19.19	19.08	
20	QPSK	1	99	18.91	19.18	19.05	
20	QPSK	50	0	19.08	19.08	19.22	19.8
20	QPSK	50	24	19.01	19.19	19.27	
20	QPSK	50	50	18.85	19.19	18.98	
20	QPSK	100	0	19.00	19.21	19.24	
20	16QAM	1	0	19.03	19.12	19.19	19.8
20	16QAM	1	49	18.92	19.00	19.15	
20	16QAM	1	99	19.14	19.16	19.14	
20	16QAM	50	0	18.95	19.10	18.95	19.8
20	16QAM	50	24	18.96	19.03	19.23	
20	16QAM	50	50	19.02	19.08	18.98	
20	16QAM	100	0	18.92	19.07	19.15	
20	64QAM	1	0	18.86	18.98	19.06	19.8
20	64QAM	1	49	18.84	19.20	19.15	
20	64QAM	1	99	18.96	19.03	19.05	
20	64QAM	50	0	18.97	19.25	19.08	19.8
20	64QAM	50	24	19.04	19.22	19.02	
20	64QAM	50	50	18.84	19.02	19.07	
20	64QAM	100	0	18.90	19.15	19.08	
20	256QAM	1	0	19.16	19.04	19.30	19.8
20	256QAM	1	49	19.03	19.24	18.98	
20	256QAM	1	99	19.10	19.03	19.18	
20	256QAM	50	0	19.13	19.14	19.18	19.8
20	256QAM	50	24	19.13	18.95	19.04	
20	256QAM	50	50	18.86	19.12	18.99	
20	256QAM	100	0	19.06	19.00	19.13	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.16	19.28	19.16	19.8
15	QPSK	1	37	18.93	19.08	19.03	
15	QPSK	1	74	19.04	19.21	19.06	
15	QPSK	36	0	19.06	19.09	19.21	19.8
15	QPSK	36	20	18.87	19.14	19.15	
15	QPSK	36	39	18.87	19.08	19.01	
15	QPSK	75	0	19.03	19.11	19.07	
15	16QAM	1	0	18.87	19.19	19.22	19.8
15	16QAM	1	37	19.05	18.95	19.12	
15	16QAM	1	74	18.98	18.98	19.16	
15	16QAM	36	0	19.02	18.99	18.94	19.8
15	16QAM	36	20	18.84	19.04	19.17	
15	16QAM	36	39	18.92	19.10	18.98	
15	16QAM	75	0	18.87	19.08	19.21	
15	64QAM	1	0	18.89	18.98	19.19	19.8
15	64QAM	1	37	18.93	19.04	19.20	
15	64QAM	1	74	18.95	19.15	19.12	
15	64QAM	36	0	18.89	19.24	19.14	19.8
15	64QAM	36	20	18.98	19.12	19.12	
15	64QAM	36	39	19.04	19.06	19.06	
15	64QAM	75	0	18.98	19.12	19.01	
15	256QAM	1	0	19.01	19.05	19.16	19.8
15	256QAM	1	37	19.02	19.17	19.12	
15	256QAM	1	74	18.90	19.15	19.06	
15	256QAM	36	0	18.97	19.06	19.07	19.8

15	256QAM	36	20	19.10	19.03	18.96	
15	256QAM	36	39	19.01	19.25	19.08	
15	256QAM	75	0	19.11	18.99	19.10	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.14	19.12	19.16	19.8
10	QPSK	1	25	18.98	19.01	19.17	
10	QPSK	1	49	19.04	19.24	19.07	
10	QPSK	25	0	18.94	19.09	19.23	19.8
10	QPSK	25	12	18.95	19.05	19.08	
10	QPSK	25	25	18.92	19.10	19.12	
10	QPSK	50	0	19.04	19.20	19.23	
10	16QAM	1	0	18.94	19.23	19.13	19.8
10	16QAM	1	25	18.88	18.97	19.00	
10	16QAM	1	49	19.09	19.12	19.22	
10	16QAM	25	0	19.09	19.06	19.03	19.8
10	16QAM	25	12	18.89	18.94	19.21	
10	16QAM	25	25	19.05	19.16	19.12	
10	16QAM	50	0	18.97	19.13	19.22	
10	64QAM	1	0	18.93	19.03	19.05	19.8
10	64QAM	1	25	18.97	19.17	19.22	
10	64QAM	1	49	19.01	18.99	19.14	
10	64QAM	25	0	19.03	19.06	19.15	19.8
10	64QAM	25	12	19.11	19.18	19.13	
10	64QAM	25	25	18.86	18.98	19.11	
10	64QAM	50	0	18.99	19.01	19.08	
10	256QAM	1	0	19.11	19.13	19.25	19.8
10	256QAM	1	25	18.95	19.07	19.13	
10	256QAM	1	49	19.06	18.97	19.10	
10	256QAM	25	0	19.09	19.00	19.11	19.8
10	256QAM	25	12	18.99	18.93	18.95	
10	256QAM	25	25	18.83	19.14	19.11	
10	256QAM	50	0	19.08	19.03	19.08	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.14	19.14	19.27	19.8
5	QPSK	1	12	19.04	19.14	19.02	
5	QPSK	1	24	19.01	19.11	19.15	
5	QPSK	12	0	18.99	19.06	19.25	19.8
5	QPSK	12	7	18.97	19.07	19.10	
5	QPSK	12	13	18.96	19.06	19.02	
5	QPSK	25	0	19.00	19.19	19.07	
5	16QAM	1	0	18.90	19.14	19.09	19.8
5	16QAM	1	12	18.97	19.11	19.14	
5	16QAM	1	24	19.10	19.04	19.17	
5	16QAM	12	0	19.01	18.94	19.09	19.8
5	16QAM	12	7	18.85	18.96	19.09	
5	16QAM	12	13	19.03	19.10	19.06	
5	16QAM	25	0	18.96	19.07	19.14	
5	64QAM	1	0	19.03	19.12	19.11	19.8
5	64QAM	1	12	18.84	19.09	19.20	
5	64QAM	1	24	18.96	19.12	18.97	
5	64QAM	12	0	19.04	19.14	19.10	19.8
5	64QAM	12	7	19.13	19.17	19.20	
5	64QAM	12	13	18.98	18.96	19.12	
5	64QAM	25	0	19.03	19.05	19.08	
5	256QAM	1	0	19.07	19.19	19.20	19.8
5	256QAM	1	12	18.99	19.19	18.98	
5	256QAM	1	24	18.96	19.03	19.16	
5	256QAM	12	0	18.94	19.06	19.09	19.8
5	256QAM	12	7	18.93	19.08	18.97	

5	256QAM	12	13	18.83	19.22	18.95	
5	256QAM	25	0	19.03	19.11	19.20	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.17	19.12	19.28	19.8
3	QPSK	1	8	19.02	19.12	18.97	
3	QPSK	1	14	18.91	19.21	19.07	
3	QPSK	8	0	18.92	19.16	19.27	19.8
3	QPSK	8	4	18.92	19.16	19.20	
3	QPSK	8	7	18.90	19.20	18.97	
3	QPSK	15	0	19.01	19.17	19.20	
3	16QAM	1	0	18.96	19.11	19.22	19.8
3	16QAM	1	8	18.86	19.14	19.10	
3	16QAM	1	14	18.99	19.11	19.17	
3	16QAM	8	0	18.99	19.00	19.13	19.8
3	16QAM	8	4	18.82	19.01	19.09	
3	16QAM	8	7	19.06	19.28	19.09	
3	16QAM	15	0	18.99	19.25	19.13	
3	64QAM	1	0	18.94	18.94	18.99	19.8
3	64QAM	1	8	18.86	19.02	19.25	
3	64QAM	1	14	18.91	19.00	19.01	
3	64QAM	8	0	18.95	19.17	19.20	19.8
3	64QAM	8	4	19.08	19.22	19.17	
3	64QAM	8	7	18.93	18.98	19.15	
3	64QAM	15	0	19.01	19.02	19.04	
3	256QAM	1	0	19.05	19.14	19.26	19.8
3	256QAM	1	8	18.94	19.23	19.15	
3	256QAM	1	14	18.94	19.03	19.04	
3	256QAM	8	0	19.02	19.15	19.03	19.8
3	256QAM	8	4	19.10	19.00	19.03	
3	256QAM	8	7	18.98	19.08	18.95	
3	256QAM	15	0	19.14	19.07	19.16	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.05	19.29	19.32	19.8
1.4	QPSK	1	3	19.02	19.07	19.08	
1.4	QPSK	1	5	18.88	19.05	19.21	
1.4	QPSK	3	0	18.97	19.15	19.10	
1.4	QPSK	3	1	19.04	19.12	19.27	
1.4	QPSK	3	3	18.94	19.05	19.01	
1.4	QPSK	6	0	19.05	19.25	19.26	19.8
1.4	16QAM	1	0	19.03	19.04	19.22	19.8
1.4	16QAM	1	3	18.93	19.12	19.08	
1.4	16QAM	1	5	19.11	19.01	19.30	
1.4	16QAM	3	0	19.07	19.08	19.05	
1.4	16QAM	3	1	19.00	18.92	19.19	
1.4	16QAM	3	3	19.01	19.14	19.06	
1.4	16QAM	6	0	18.98	19.19	19.17	19.8
1.4	64QAM	1	0	18.94	19.11	19.01	19.8
1.4	64QAM	1	3	19.00	19.11	19.09	
1.4	64QAM	1	5	18.96	18.99	18.98	
1.4	64QAM	3	0	18.98	19.19	19.10	
1.4	64QAM	3	1	19.03	19.14	19.18	
1.4	64QAM	3	3	18.84	19.06	19.07	
1.4	64QAM	6	0	18.91	19.06	19.14	19.8
1.4	256QAM	1	0	19.10	19.17	19.13	19.8
1.4	256QAM	1	3	18.94	19.06	19.14	
1.4	256QAM	1	5	18.96	19.12	19.04	
1.4	256QAM	3	0	19.11	19.10	19.00	
1.4	256QAM	3	1	18.99	18.91	19.07	
1.4	256QAM	3	3	19.01	19.06	18.98	

1.4	256QAM	6	0	19.07	19.15	19.08	19.8

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.08	19.21	19.14	20.6
20	QPSK	1	49	19.08	19.19	19.08	
20	QPSK	1	99	18.91	19.18	19.05	
20	QPSK	50	0	19.08	19.08	19.22	20.6
20	QPSK	50	24	19.01	19.19	19.27	
20	QPSK	50	50	18.85	19.19	18.98	
20	QPSK	100	0	19.00	19.21	19.24	
20	16QAM	1	0	19.03	19.12	19.19	20.6
20	16QAM	1	49	18.92	19.00	19.15	
20	16QAM	1	99	19.14	19.16	19.14	
20	16QAM	50	0	18.95	19.10	18.95	20.6
20	16QAM	50	24	18.96	19.03	19.23	
20	16QAM	50	50	19.02	19.08	18.98	
20	16QAM	100	0	18.92	19.07	19.15	
20	64QAM	1	0	18.86	18.98	19.06	20.6
20	64QAM	1	49	18.84	19.20	19.15	
20	64QAM	1	99	18.96	19.03	19.05	
20	64QAM	50	0	18.97	19.25	19.08	20.6
20	64QAM	50	24	19.04	19.22	19.02	
20	64QAM	50	50	18.84	19.02	19.07	
20	64QAM	100	0	18.90	19.15	19.08	
20	256QAM	1	0	19.16	19.04	19.30	20.6
20	256QAM	1	49	19.03	19.24	18.98	
20	256QAM	1	99	19.10	19.03	19.18	
20	256QAM	50	0	19.13	19.14	19.18	20.6
20	256QAM	50	24	19.13	18.95	19.04	
20	256QAM	50	50	18.86	19.12	18.99	
20	256QAM	100	0	19.06	19.00	19.13	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.16	19.28	19.16	20.6
15	QPSK	1	37	18.93	19.08	19.03	
15	QPSK	1	74	19.04	19.21	19.06	
15	QPSK	36	0	19.06	19.09	19.21	20.6
15	QPSK	36	20	18.87	19.14	19.15	
15	QPSK	36	39	18.87	19.08	19.01	
15	QPSK	75	0	19.03	19.11	19.07	
15	16QAM	1	0	18.87	19.19	19.22	20.6
15	16QAM	1	37	19.05	18.95	19.12	
15	16QAM	1	74	18.98	18.98	19.16	
15	16QAM	36	0	19.02	18.99	18.94	20.6
15	16QAM	36	20	18.84	19.04	19.17	
15	16QAM	36	39	18.92	19.10	18.98	
15	16QAM	75	0	18.87	19.08	19.21	
15	64QAM	1	0	18.89	18.98	19.19	20.6
15	64QAM	1	37	18.93	19.04	19.20	
15	64QAM	1	74	18.95	19.15	19.12	
15	64QAM	36	0	18.89	19.24	19.14	20.6
15	64QAM	36	20	18.98	19.12	19.12	
15	64QAM	36	39	19.04	19.06	19.06	
15	64QAM	75	0	18.98	19.12	19.01	
15	256QAM	1	0	19.01	19.05	19.16	20.6
15	256QAM	1	37	19.02	19.17	19.12	
15	256QAM	1	74	18.90	19.15	19.06	
15	256QAM	36	0	18.97	19.06	19.07	20.6

15	256QAM	36	20	19.10	19.03	18.96	
15	256QAM	36	39	19.01	19.25	19.08	
15	256QAM	75	0	19.11	18.99	19.10	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.14	19.12	19.16	20.6
10	QPSK	1	25	18.98	19.01	19.17	
10	QPSK	1	49	19.04	19.24	19.07	
10	QPSK	25	0	18.94	19.09	19.23	20.6
10	QPSK	25	12	18.95	19.05	19.08	
10	QPSK	25	25	18.92	19.10	19.12	
10	QPSK	50	0	19.04	19.20	19.23	
10	16QAM	1	0	18.94	19.23	19.13	20.6
10	16QAM	1	25	18.88	18.97	19.00	
10	16QAM	1	49	19.09	19.12	19.22	
10	16QAM	25	0	19.09	19.06	19.03	20.6
10	16QAM	25	12	18.89	18.94	19.21	
10	16QAM	25	25	19.05	19.16	19.12	
10	16QAM	50	0	18.97	19.13	19.22	
10	64QAM	1	0	18.93	19.03	19.05	20.6
10	64QAM	1	25	18.97	19.17	19.22	
10	64QAM	1	49	19.01	18.99	19.14	
10	64QAM	25	0	19.03	19.06	19.15	20.6
10	64QAM	25	12	19.11	19.18	19.13	
10	64QAM	25	25	18.86	18.98	19.11	
10	64QAM	50	0	18.99	19.01	19.08	
10	256QAM	1	0	19.11	19.13	19.25	20.6
10	256QAM	1	25	18.95	19.07	19.13	
10	256QAM	1	49	19.06	18.97	19.10	
10	256QAM	25	0	19.09	19.00	19.11	20.6
10	256QAM	25	12	18.99	18.93	18.95	
10	256QAM	25	25	18.83	19.14	19.11	
10	256QAM	50	0	19.08	19.03	19.08	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.14	19.14	19.27	20.6
5	QPSK	1	12	19.04	19.14	19.02	
5	QPSK	1	24	19.01	19.11	19.15	
5	QPSK	12	0	18.99	19.06	19.25	20.6
5	QPSK	12	7	18.97	19.07	19.10	
5	QPSK	12	13	18.96	19.06	19.02	
5	QPSK	25	0	19.00	19.19	19.07	
5	16QAM	1	0	18.90	19.14	19.09	20.6
5	16QAM	1	12	18.97	19.11	19.14	
5	16QAM	1	24	19.10	19.04	19.17	
5	16QAM	12	0	19.01	18.94	19.09	20.6
5	16QAM	12	7	18.85	18.96	19.09	
5	16QAM	12	13	19.03	19.10	19.06	
5	16QAM	25	0	18.96	19.07	19.14	
5	64QAM	1	0	19.03	19.12	19.11	20.6
5	64QAM	1	12	18.84	19.09	19.20	
5	64QAM	1	24	18.96	19.12	18.97	
5	64QAM	12	0	19.04	19.14	19.10	20.6
5	64QAM	12	7	19.13	19.17	19.20	
5	64QAM	12	13	18.98	18.96	19.12	
5	64QAM	25	0	19.03	19.05	19.08	
5	256QAM	1	0	19.07	19.19	19.20	20.6
5	256QAM	1	12	18.99	19.19	18.98	
5	256QAM	1	24	18.96	19.03	19.16	
5	256QAM	12	0	18.94	19.06	19.09	20.6
5	256QAM	12	7	18.93	19.08	18.97	

5	256QAM	12	13	18.83	19.22	18.95	
5	256QAM	25	0	19.03	19.11	19.20	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.17	19.12	19.28	20.6
3	QPSK	1	8	19.02	19.12	18.97	
3	QPSK	1	14	18.91	19.21	19.07	
3	QPSK	8	0	18.92	19.16	19.27	20.6
3	QPSK	8	4	18.92	19.16	19.20	
3	QPSK	8	7	18.90	19.20	18.97	
3	QPSK	15	0	19.01	19.17	19.20	
3	16QAM	1	0	18.96	19.11	19.22	20.6
3	16QAM	1	8	18.86	19.14	19.10	
3	16QAM	1	14	18.99	19.11	19.17	
3	16QAM	8	0	18.99	19.00	19.13	20.6
3	16QAM	8	4	18.82	19.01	19.09	
3	16QAM	8	7	19.06	19.28	19.09	
3	16QAM	15	0	18.99	19.25	19.13	
3	64QAM	1	0	18.94	18.94	18.99	20.6
3	64QAM	1	8	18.86	19.02	19.25	
3	64QAM	1	14	18.91	19.00	19.01	
3	64QAM	8	0	18.95	19.17	19.20	20.6
3	64QAM	8	4	19.08	19.22	19.17	
3	64QAM	8	7	18.93	18.98	19.15	
3	64QAM	15	0	19.01	19.02	19.04	
3	256QAM	1	0	19.05	19.14	19.26	20.6
3	256QAM	1	8	18.94	19.23	19.15	
3	256QAM	1	14	18.94	19.03	19.04	
3	256QAM	8	0	19.02	19.15	19.03	20.6
3	256QAM	8	4	19.10	19.00	19.03	
3	256QAM	8	7	18.98	19.08	18.95	
3	256QAM	15	0	19.14	19.07	19.16	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.05	19.29	19.32	20.6
1.4	QPSK	1	3	19.02	19.07	19.08	
1.4	QPSK	1	5	18.88	19.05	19.21	
1.4	QPSK	3	0	18.97	19.15	19.10	
1.4	QPSK	3	1	19.04	19.12	19.27	
1.4	QPSK	3	3	18.94	19.05	19.01	
1.4	QPSK	6	0	19.05	19.25	19.26	20.6
1.4	16QAM	1	0	19.03	19.04	19.22	20.6
1.4	16QAM	1	3	18.93	19.12	19.08	
1.4	16QAM	1	5	19.11	19.01	19.30	
1.4	16QAM	3	0	19.07	19.08	19.05	
1.4	16QAM	3	1	19.00	18.92	19.19	
1.4	16QAM	3	3	19.01	19.14	19.06	
1.4	16QAM	6	0	18.98	19.19	19.17	20.6
1.4	64QAM	1	0	18.94	19.11	19.01	20.6
1.4	64QAM	1	3	19.00	19.11	19.09	
1.4	64QAM	1	5	18.96	18.99	18.98	
1.4	64QAM	3	0	18.98	19.19	19.10	
1.4	64QAM	3	1	19.03	19.14	19.18	
1.4	64QAM	3	3	18.84	19.06	19.07	
1.4	64QAM	6	0	18.91	19.06	19.14	20.6
1.4	256QAM	1	0	19.10	19.17	19.13	20.6
1.4	256QAM	1	3	18.94	19.06	19.14	
1.4	256QAM	1	5	18.96	19.12	19.04	
1.4	256QAM	3	0	19.11	19.10	19.00	
1.4	256QAM	3	1	18.99	18.91	19.07	
1.4	256QAM	3	3	19.01	19.06	18.98	

1.4	256QAM	6	0	19.07	19.15	19.08	20.6

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.65	24.61	24.74	25.7
20	QPSK	1	49	24.59	24.54	24.59	
20	QPSK	1	99	24.55	24.50	24.41	
20	QPSK	50	0	23.57	23.53	23.64	24.7
20	QPSK	50	24	23.54	23.53	23.58	
20	QPSK	50	50	23.53	23.50	23.50	
20	QPSK	100	0	23.54	23.53	23.58	
20	16QAM	1	0	23.71	23.68	23.92	24.7
20	16QAM	1	49	23.63	23.47	23.81	
20	16QAM	1	99	23.72	23.59	23.64	
20	16QAM	50	0	22.49	22.49	22.63	23.7
20	16QAM	50	24	22.54	22.47	22.59	
20	16QAM	50	50	22.57	22.47	22.49	
20	16QAM	100	0	22.53	22.48	22.53	
20	64QAM	1	0	22.48	22.62	22.76	23.7
20	64QAM	1	49	22.57	22.57	22.71	
20	64QAM	1	99	22.68	22.52	22.68	
20	64QAM	50	0	21.52	21.51	21.67	22.7
20	64QAM	50	24	21.57	21.52	21.60	
20	64QAM	50	50	21.57	21.48	21.52	
20	64QAM	100	0	21.54	21.49	21.54	
20	256QAM	1	0	19.45	19.43	19.64	20.7
20	256QAM	1	49	19.51	19.53	19.70	
20	256QAM	1	99	19.63	19.62	19.78	
20	256QAM	50	0	19.34	19.35	19.48	20.7
20	256QAM	50	24	19.37	19.44	19.58	
20	256QAM	50	50	19.39	19.45	19.57	
20	256QAM	100	0	19.39	19.43	19.58	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.55	24.42	24.73	25.7
15	QPSK	1	37	24.42	24.45	24.58	
15	QPSK	1	74	24.46	24.32	24.26	
15	QPSK	36	0	23.47	23.33	23.57	24.7
15	QPSK	36	20	23.48	23.40	23.39	
15	QPSK	36	39	23.51	23.49	23.34	
15	QPSK	75	0	23.46	23.40	23.53	
15	16QAM	1	0	23.63	23.64	23.77	24.7
15	16QAM	1	37	23.60	23.47	23.65	
15	16QAM	1	74	23.60	23.52	23.62	
15	16QAM	36	0	22.34	22.47	22.54	23.7
15	16QAM	36	20	22.46	22.28	22.47	
15	16QAM	36	39	22.49	22.28	22.47	
15	16QAM	75	0	22.45	22.40	22.39	
15	64QAM	1	0	22.38	22.53	22.73	23.7
15	64QAM	1	37	22.51	22.43	22.71	
15	64QAM	1	74	22.57	22.38	22.66	
15	64QAM	36	0	21.52	21.42	21.56	22.7
15	64QAM	36	20	21.52	21.33	21.51	
15	64QAM	36	39	21.54	21.41	21.50	
15	64QAM	75	0	21.38	21.44	21.47	
15	256QAM	1	0	19.36	19.24	19.50	20.7
15	256QAM	1	37	19.31	19.44	19.66	
15	256QAM	1	74	19.63	19.44	19.58	

15	256QAM	36	0	19.28	19.15	19.46	20.7
15	256QAM	36	20	19.23	19.44	19.50	
15	256QAM	36	39	19.21	19.44	19.54	
15	256QAM	75	0	19.26	19.25	19.54	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.54	24.61	24.61	25.7
10	QPSK	1	25	24.40	24.42	24.58	
10	QPSK	1	49	24.49	24.43	24.31	
10	QPSK	25	0	23.37	23.42	23.63	24.7
10	QPSK	25	12	23.36	23.42	23.53	
10	QPSK	25	25	23.45	23.38	23.49	
10	QPSK	50	0	23.54	23.48	23.47	
10	16QAM	1	0	23.63	23.65	23.87	24.7
10	16QAM	1	25	23.63	23.44	23.73	
10	16QAM	1	49	23.72	23.42	23.56	
10	16QAM	25	0	22.45	22.43	22.63	23.7
10	16QAM	25	12	22.44	22.28	22.57	
10	16QAM	25	25	22.40	22.33	22.35	
10	16QAM	50	0	22.52	22.37	22.52	
10	64QAM	1	0	22.44	22.56	22.65	23.7
10	64QAM	1	25	22.49	22.43	22.58	
10	64QAM	1	49	22.51	22.42	22.58	
10	64QAM	25	0	21.39	21.38	21.58	22.7
10	64QAM	25	12	21.57	21.50	21.55	
10	64QAM	25	25	21.48	21.38	21.40	
10	64QAM	50	0	21.47	21.31	21.44	
10	256QAM	1	0	19.28	19.33	19.62	20.7
10	256QAM	1	25	19.32	19.34	19.63	
10	256QAM	1	49	19.63	19.61	19.69	
10	256QAM	25	0	19.25	19.17	19.46	20.7
10	256QAM	25	12	19.35	19.41	19.43	
10	256QAM	25	25	19.22	19.26	19.55	
10	256QAM	50	0	19.27	19.35	19.40	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.58	24.48	24.72	25.7
5	QPSK	1	12	24.58	24.53	24.41	
5	QPSK	1	24	24.37	24.43	24.23	
5	QPSK	12	0	23.50	23.51	23.63	24.7
5	QPSK	12	7	23.35	23.43	23.48	
5	QPSK	12	13	23.42	23.46	23.32	
5	QPSK	25	0	23.38	23.35	23.42	
5	16QAM	1	0	23.69	23.54	23.77	24.7
5	16QAM	1	12	23.48	23.36	23.72	
5	16QAM	1	24	23.54	23.55	23.53	
5	16QAM	12	0	22.46	22.43	22.50	23.7
5	16QAM	12	7	22.43	22.35	22.45	
5	16QAM	12	13	22.46	22.47	22.29	
5	16QAM	25	0	22.43	22.33	22.34	
5	64QAM	1	0	22.35	22.59	22.73	23.7
5	64QAM	1	12	22.47	22.40	22.57	
5	64QAM	1	24	22.65	22.43	22.58	
5	64QAM	12	0	21.44	21.38	21.56	22.7
5	64QAM	12	7	21.48	21.40	21.48	
5	64QAM	12	13	21.39	21.40	21.34	
5	64QAM	25	0	21.49	21.38	21.37	
5	256QAM	1	0	19.30	19.29	19.51	20.7
5	256QAM	1	12	19.42	19.37	19.62	

5	256QAM	1	24	19.63	19.54	19.72	
5	256QAM	12	0	19.29	19.29	19.28	20.7
5	256QAM	12	7	19.29	19.39	19.44	
5	256QAM	12	13	19.23	19.28	19.37	
5	256QAM	25	0	19.38	19.39	19.50	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.53	24.56	24.64	25.7
3	QPSK	1	8	24.52	24.50	24.56	
3	QPSK	1	14	24.42	24.39	24.35	
3	QPSK	8	0	23.55	23.43	23.60	24.7
3	QPSK	8	4	23.39	23.38	23.41	
3	QPSK	8	7	23.44	23.46	23.40	
3	QPSK	15	0	23.41	23.35	23.41	
3	16QAM	1	0	23.55	23.54	23.87	24.7
3	16QAM	1	8	23.60	23.44	23.79	
3	16QAM	1	14	23.60	23.58	23.54	
3	16QAM	8	0	22.38	22.30	22.47	23.7
3	16QAM	8	4	22.45	22.44	22.54	
3	16QAM	8	7	22.57	22.46	22.30	
3	16QAM	15	0	22.41	22.35	22.45	
3	64QAM	1	0	22.30	22.42	22.60	23.7
3	64QAM	1	8	22.41	22.43	22.66	
3	64QAM	1	14	22.64	22.39	22.57	
3	64QAM	8	0	21.47	21.46	21.63	22.7
3	64QAM	8	4	21.55	21.45	21.50	
3	64QAM	8	7	21.50	21.46	21.44	
3	64QAM	15	0	21.52	21.45	21.44	
3	256QAM	1	0	19.40	19.30	19.56	20.7
3	256QAM	1	8	19.48	19.47	19.67	
3	256QAM	1	14	19.58	19.47	19.76	
3	256QAM	8	0	19.21	19.18	19.46	20.7
3	256QAM	8	4	19.20	19.42	19.57	
3	256QAM	8	7	19.35	19.28	19.40	
3	256QAM	15	0	19.35	19.26	19.57	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.47	24.45	24.59	25.7
1.4	QPSK	1	3	24.43	24.46	24.45	
1.4	QPSK	1	5	24.48	24.39	24.33	
1.4	QPSK	3	0	24.57	24.44	24.71	
1.4	QPSK	3	1	24.48	24.50	24.46	
1.4	QPSK	3	3	24.42	24.45	24.35	
1.4	QPSK	6	0	23.45	23.52	23.51	24.7
1.4	16QAM	1	0	23.44	23.45	23.54	24.7
1.4	16QAM	1	3	23.45	23.31	23.38	
1.4	16QAM	1	5	23.34	23.33	23.50	
1.4	16QAM	3	0	23.52	23.54	23.86	
1.4	16QAM	3	1	23.48	23.30	23.70	
1.4	16QAM	3	3	23.72	23.57	23.49	
1.4	16QAM	6	0	22.31	22.42	22.45	23.7
1.4	64QAM	1	0	22.45	22.47	22.41	23.7
1.4	64QAM	1	3	22.52	22.44	22.32	
1.4	64QAM	1	5	22.37	22.42	22.47	
1.4	64QAM	3	0	22.35	22.51	22.73	
1.4	64QAM	3	1	22.42	22.57	22.51	
1.4	64QAM	3	3	22.61	22.45	22.68	
1.4	64QAM	6	0	21.34	21.49	21.54	22.7
1.4	256QAM	1	0	19.25	19.42	19.61	20.7

1.4	256QAM	1	3	19.33	19.47	19.62	
1.4	256QAM	1	5	19.58	19.53	19.71	
1.4	256QAM	3	0	19.26	19.19	19.42	
1.4	256QAM	3	1	19.30	19.31	19.50	
1.4	256QAM	3	3	19.34	19.30	19.52	
1.4	256QAM	6	0	19.33	19.43	19.48	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.49	21.47	21.55	21.9
20	QPSK	1	49	21.46	21.40	21.54	
20	QPSK	1	99	21.48	21.31	21.25	
20	QPSK	50	0	21.50	21.50	21.52	21.9
20	QPSK	50	24	21.47	21.47	21.47	
20	QPSK	50	50	21.51	21.53	21.49	
20	QPSK	100	0	21.51	21.45	21.46	
20	16QAM	1	0	21.17	21.21	21.53	21.9
20	16QAM	1	49	21.31	21.28	21.51	
20	16QAM	1	99	21.37	21.27	21.32	
20	16QAM	50	0	21.49	21.49	21.51	21.9
20	16QAM	50	24	21.52	21.49	21.50	
20	16QAM	50	50	21.54	21.47	21.49	
20	16QAM	100	0	21.53	21.48	21.51	
20	64QAM	1	0	21.23	21.20	21.40	21.9
20	64QAM	1	49	21.19	21.26	21.35	
20	64QAM	1	99	21.30	21.18	21.15	
20	64QAM	50	0	21.49	21.51	21.53	21.9
20	64QAM	50	24	21.53	21.50	21.49	
20	64QAM	50	50	21.45	21.48	21.49	
20	64QAM	100	0	21.53	21.49	21.53	
20	256QAM	1	0	19.37	19.50	19.74	20.7
20	256QAM	1	49	19.43	19.53	19.72	
20	256QAM	1	99	19.61	19.46	19.63	
20	256QAM	50	0	19.36	19.36	19.43	20.7
20	256QAM	50	24	19.37	19.52	19.58	
20	256QAM	50	50	19.54	19.44	19.46	
20	256QAM	100	0	19.43	19.45	19.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.31	21.39	21.54	21.9
15	QPSK	1	37	21.39	21.35	21.52	
15	QPSK	1	74	21.32	21.11	21.22	
15	QPSK	36	0	21.31	21.39	21.35	21.9
15	QPSK	36	20	21.40	21.45	21.32	
15	QPSK	36	39	21.51	21.33	21.42	
15	QPSK	75	0	21.47	21.38	21.28	
15	16QAM	1	0	21.08	21.16	21.43	21.9
15	16QAM	1	37	21.16	21.23	21.33	
15	16QAM	1	74	21.17	21.16	21.14	
15	16QAM	36	0	21.43	21.36	21.45	21.9
15	16QAM	36	20	21.48	21.46	21.32	
15	16QAM	36	39	21.35	21.45	21.41	
15	16QAM	75	0	21.40	21.32	21.34	
15	64QAM	1	0	21.19	21.05	21.40	21.9
15	64QAM	1	37	21.02	21.24	21.28	
15	64QAM	1	74	21.20	21.02	21.01	

15	64QAM	36	0	21.44	21.45	21.52	21.9
15	64QAM	36	20	21.46	21.41	21.39	
15	64QAM	36	39	21.33	21.35	21.39	
15	64QAM	75	0	21.48	21.38	21.41	
15	256QAM	1	0	19.29	19.30	19.70	20.7
15	256QAM	1	37	19.41	19.53	19.61	
15	256QAM	1	74	19.48	19.27	19.59	
15	256QAM	36	0	19.24	19.18	19.35	20.7
15	256QAM	36	20	19.22	19.33	19.38	
15	256QAM	36	39	19.36	19.26	19.32	
15	256QAM	75	0	19.31	19.37	19.49	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.44	21.36	21.55	21.9
10	QPSK	1	25	21.31	21.25	21.37	
10	QPSK	1	49	21.30	21.17	21.23	
10	QPSK	25	0	21.30	21.47	21.41	21.9
10	QPSK	25	12	21.46	21.34	21.43	
10	QPSK	25	25	21.32	21.44	21.45	
10	QPSK	50	0	21.32	21.44	21.36	
10	16QAM	1	0	21.05	21.01	21.48	21.9
10	16QAM	1	25	21.27	21.13	21.49	
10	16QAM	1	49	21.36	21.12	21.28	
10	16QAM	25	0	21.29	21.47	21.46	21.9
10	16QAM	25	12	21.33	21.33	21.46	
10	16QAM	25	25	21.46	21.36	21.37	
10	16QAM	50	0	21.35	21.41	21.32	
10	64QAM	1	0	21.16	21.11	21.28	21.9
10	64QAM	1	25	21.06	21.14	21.26	
10	64QAM	1	49	21.25	21.18	21.00	
10	64QAM	25	0	21.41	21.39	21.38	21.9
10	64QAM	25	12	21.42	21.41	21.30	
10	64QAM	25	25	21.27	21.38	21.39	
10	64QAM	50	0	21.37	21.42	21.33	
10	256QAM	1	0	19.22	19.50	19.60	20.7
10	256QAM	1	25	19.28	19.33	19.62	
10	256QAM	1	49	19.50	19.28	19.51	
10	256QAM	25	0	19.20	19.16	19.31	20.7
10	256QAM	25	12	19.25	19.40	19.43	
10	256QAM	25	25	19.42	19.32	19.40	
10	256QAM	50	0	19.23	19.45	19.52	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.36	21.28	21.52	21.9
5	QPSK	1	12	21.44	21.36	21.48	
5	QPSK	1	24	21.47	21.15	21.12	
5	QPSK	12	0	21.32	21.37	21.48	21.9
5	QPSK	12	7	21.32	21.46	21.33	
5	QPSK	12	13	21.51	21.45	21.44	
5	QPSK	25	0	21.48	21.31	21.44	
5	16QAM	1	0	21.10	21.04	21.33	21.9
5	16QAM	1	12	21.26	21.18	21.49	
5	16QAM	1	24	21.23	21.07	21.31	
5	16QAM	12	0	21.36	21.42	21.35	21.9
5	16QAM	12	7	21.52	21.29	21.49	
5	16QAM	12	13	21.51	21.37	21.38	
5	16QAM	25	0	21.50	21.43	21.51	
5	64QAM	1	0	21.18	21.00	21.21	21.9
5	64QAM	1	12	21.02	21.18	21.28	

5	64QAM	1	24	21.11	21.10	20.97	
5	64QAM	12	0	21.36	21.41	21.37	21.9
5	64QAM	12	7	21.47	21.37	21.37	
5	64QAM	12	13	21.34	21.29	21.30	
5	64QAM	25	0	21.42	21.29	21.39	
5	256QAM	1	0	19.35	19.42	19.68	20.7
5	256QAM	1	12	19.23	19.40	19.52	
5	256QAM	1	24	19.54	19.45	19.44	
5	256QAM	12	0	19.34	19.27	19.41	20.7
5	256QAM	12	7	19.25	19.39	19.56	
5	256QAM	12	13	19.44	19.42	19.28	
5	256QAM	25	0	19.28	19.45	19.41	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.39	21.31	21.52	21.9
3	QPSK	1	8	21.40	21.31	21.54	
3	QPSK	1	14	21.38	21.28	21.11	
3	QPSK	8	0	21.48	21.32	21.43	21.9
3	QPSK	8	4	21.37	21.47	21.29	
3	QPSK	8	7	21.31	21.43	21.49	
3	QPSK	15	0	21.49	21.28	21.44	
3	16QAM	1	0	21.12	21.20	21.49	21.9
3	16QAM	1	8	21.25	21.11	21.40	
3	16QAM	1	14	21.21	21.27	21.28	
3	16QAM	8	0	21.38	21.31	21.43	21.9
3	16QAM	8	4	21.46	21.38	21.42	
3	16QAM	8	7	21.38	21.40	21.32	
3	16QAM	15	0	21.38	21.28	21.51	
3	64QAM	1	0	21.08	21.01	21.36	21.9
3	64QAM	1	8	21.07	21.16	21.19	
3	64QAM	1	14	21.20	21.16	21.04	
3	64QAM	8	0	21.32	21.33	21.40	21.9
3	64QAM	8	4	21.51	21.47	21.47	
3	64QAM	8	7	21.25	21.28	21.48	
3	64QAM	15	0	21.36	21.46	21.52	
3	256QAM	1	0	19.35	19.48	19.70	20.7
3	256QAM	1	8	19.30	19.46	19.61	
3	256QAM	1	14	19.41	19.33	19.58	
3	256QAM	8	0	19.36	19.22	19.39	20.7
3	256QAM	8	4	19.34	19.46	19.57	
3	256QAM	8	7	19.43	19.42	19.27	
3	256QAM	15	0	19.32	19.26	19.33	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.49	21.36	21.40	21.9
1.4	QPSK	1	3	21.26	21.37	21.54	
1.4	QPSK	1	5	21.29	21.22	21.22	
1.4	QPSK	3	0	21.40	21.30	21.42	
1.4	QPSK	3	1	21.28	21.31	21.34	
1.4	QPSK	3	3	21.38	21.38	21.32	
1.4	QPSK	6	0	21.50	21.26	21.26	21.9
1.4	16QAM	1	0	21.12	21.11	21.37	21.9
1.4	16QAM	1	3	21.25	21.12	21.46	
1.4	16QAM	1	5	21.32	21.14	21.14	
1.4	16QAM	3	0	21.48	21.47	21.51	
1.4	16QAM	3	1	21.43	21.43	21.36	
1.4	16QAM	3	3	21.47	21.46	21.47	
1.4	16QAM	6	0	21.52	21.39	21.43	21.9
1.4	64QAM	1	0	21.20	21.02	21.29	21.9

1.4	64QAM	1	3	21.11	21.14	21.30	
1.4	64QAM	1	5	21.23	21.03	21.10	
1.4	64QAM	3	0	21.45	21.37	21.51	
1.4	64QAM	3	1	21.52	21.31	21.34	
1.4	64QAM	3	3	21.33	21.44	21.43	
1.4	64QAM	6	0	21.47	21.32	21.40	21.9
1.4	256QAM	1	0	19.23	19.43	19.74	20.7
1.4	256QAM	1	3	19.38	19.41	19.64	
1.4	256QAM	1	5	19.50	19.30	19.49	
1.4	256QAM	3	0	19.33	19.23	19.36	
1.4	256QAM	3	1	19.25	19.43	19.53	
1.4	256QAM	3	3	19.45	19.26	19.43	
1.4	256QAM	6	0	19.31	19.38	19.36	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.49	21.47	21.55	22.7
20	QPSK	1	49	21.46	21.40	21.54	
20	QPSK	1	99	21.48	21.31	21.25	
20	QPSK	50	0	21.50	21.50	21.52	22.7
20	QPSK	50	24	21.47	21.47	21.47	
20	QPSK	50	50	21.51	21.53	21.49	
20	QPSK	100	0	21.51	21.45	21.46	
20	16QAM	1	0	21.17	21.21	21.53	22.7
20	16QAM	1	49	21.31	21.28	21.51	
20	16QAM	1	99	21.37	21.27	21.32	
20	16QAM	50	0	21.49	21.49	21.51	22.7
20	16QAM	50	24	21.52	21.49	21.50	
20	16QAM	50	50	21.54	21.47	21.49	
20	16QAM	100	0	21.53	21.48	21.51	
20	64QAM	1	0	21.23	21.20	21.40	22.7
20	64QAM	1	49	21.19	21.26	21.35	
20	64QAM	1	99	21.30	21.18	21.15	
20	64QAM	50	0	21.49	21.51	21.53	22.7
20	64QAM	50	24	21.53	21.50	21.49	
20	64QAM	50	50	21.45	21.48	21.49	
20	64QAM	100	0	21.53	21.49	21.53	
20	256QAM	1	0	19.37	19.50	19.74	20.7
20	256QAM	1	49	19.43	19.53	19.72	
20	256QAM	1	99	19.61	19.46	19.63	
20	256QAM	50	0	19.36	19.36	19.43	20.7
20	256QAM	50	24	19.37	19.52	19.58	
20	256QAM	50	50	19.54	19.44	19.46	
20	256QAM	100	0	19.43	19.45	19.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.31	21.39	21.54	22.7
15	QPSK	1	37	21.39	21.35	21.52	
15	QPSK	1	74	21.32	21.11	21.22	
15	QPSK	36	0	21.31	21.39	21.35	22.7
15	QPSK	36	20	21.40	21.45	21.32	
15	QPSK	36	39	21.51	21.33	21.42	
15	QPSK	75	0	21.47	21.38	21.28	
15	16QAM	1	0	21.08	21.16	21.43	22.7
15	16QAM	1	37	21.16	21.23	21.33	
15	16QAM	1	74	21.17	21.16	21.14	

15	16QAM	36	0	21.43	21.36	21.45	22.7
15	16QAM	36	20	21.48	21.46	21.32	
15	16QAM	36	39	21.35	21.45	21.41	
15	16QAM	75	0	21.40	21.32	21.34	
15	64QAM	1	0	21.19	21.05	21.40	22.7
15	64QAM	1	37	21.02	21.24	21.28	
15	64QAM	1	74	21.20	21.02	21.01	
15	64QAM	36	0	21.44	21.45	21.52	22.7
15	64QAM	36	20	21.46	21.41	21.39	
15	64QAM	36	39	21.33	21.35	21.39	
15	64QAM	75	0	21.48	21.38	21.41	
15	256QAM	1	0	19.29	19.30	19.70	20.7
15	256QAM	1	37	19.41	19.53	19.61	
15	256QAM	1	74	19.48	19.27	19.59	
15	256QAM	36	0	19.24	19.18	19.35	20.7
15	256QAM	36	20	19.22	19.33	19.38	
15	256QAM	36	39	19.36	19.26	19.32	
15	256QAM	75	0	19.31	19.37	19.49	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.44	21.36	21.55	22.7
10	QPSK	1	25	21.31	21.25	21.37	
10	QPSK	1	49	21.30	21.17	21.23	
10	QPSK	25	0	21.30	21.47	21.41	22.7
10	QPSK	25	12	21.46	21.34	21.43	
10	QPSK	25	25	21.32	21.44	21.45	
10	QPSK	50	0	21.32	21.44	21.36	
10	16QAM	1	0	21.05	21.01	21.48	22.7
10	16QAM	1	25	21.27	21.13	21.49	
10	16QAM	1	49	21.36	21.12	21.28	
10	16QAM	25	0	21.29	21.47	21.46	22.7
10	16QAM	25	12	21.33	21.33	21.46	
10	16QAM	25	25	21.46	21.36	21.37	
10	16QAM	50	0	21.35	21.41	21.32	
10	64QAM	1	0	21.16	21.11	21.28	22.7
10	64QAM	1	25	21.06	21.14	21.26	
10	64QAM	1	49	21.25	21.18	21.00	
10	64QAM	25	0	21.41	21.39	21.38	22.7
10	64QAM	25	12	21.42	21.41	21.30	
10	64QAM	25	25	21.27	21.38	21.39	
10	64QAM	50	0	21.37	21.42	21.33	
10	256QAM	1	0	19.22	19.50	19.60	20.7
10	256QAM	1	25	19.28	19.33	19.62	
10	256QAM	1	49	19.50	19.28	19.51	
10	256QAM	25	0	19.20	19.16	19.31	20.7
10	256QAM	25	12	19.25	19.40	19.43	
10	256QAM	25	25	19.42	19.32	19.40	
10	256QAM	50	0	19.23	19.45	19.52	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.36	21.28	21.52	22.7
5	QPSK	1	12	21.44	21.36	21.48	
5	QPSK	1	24	21.47	21.15	21.12	
5	QPSK	12	0	21.32	21.37	21.48	22.7
5	QPSK	12	7	21.32	21.46	21.33	
5	QPSK	12	13	21.51	21.45	21.44	
5	QPSK	25	0	21.48	21.31	21.44	
5	16QAM	1	0	21.10	21.04	21.33	22.7
5	16QAM	1	12	21.26	21.18	21.49	

5	16QAM	1	24	21.23	21.07	21.31	
5	16QAM	12	0	21.36	21.42	21.35	22.7
5	16QAM	12	7	21.52	21.29	21.49	
5	16QAM	12	13	21.51	21.37	21.38	
5	16QAM	25	0	21.50	21.43	21.51	
5	64QAM	1	0	21.18	21.00	21.21	22.7
5	64QAM	1	12	21.02	21.18	21.28	
5	64QAM	1	24	21.11	21.10	20.97	
5	64QAM	12	0	21.36	21.41	21.37	22.7
5	64QAM	12	7	21.47	21.37	21.37	
5	64QAM	12	13	21.34	21.29	21.30	
5	64QAM	25	0	21.42	21.29	21.39	
5	256QAM	1	0	19.35	19.42	19.68	20.7
5	256QAM	1	12	19.23	19.40	19.52	
5	256QAM	1	24	19.54	19.45	19.44	
5	256QAM	12	0	19.34	19.27	19.41	20.7
5	256QAM	12	7	19.25	19.39	19.56	
5	256QAM	12	13	19.44	19.42	19.28	
5	256QAM	25	0	19.28	19.45	19.41	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.39	21.31	21.52	22.7
3	QPSK	1	8	21.40	21.31	21.54	
3	QPSK	1	14	21.38	21.28	21.11	
3	QPSK	8	0	21.48	21.32	21.43	22.7
3	QPSK	8	4	21.37	21.47	21.29	
3	QPSK	8	7	21.31	21.43	21.49	
3	QPSK	15	0	21.49	21.28	21.44	
3	16QAM	1	0	21.12	21.20	21.49	22.7
3	16QAM	1	8	21.25	21.11	21.40	
3	16QAM	1	14	21.21	21.27	21.28	
3	16QAM	8	0	21.38	21.31	21.43	22.7
3	16QAM	8	4	21.46	21.38	21.42	
3	16QAM	8	7	21.38	21.40	21.32	
3	16QAM	15	0	21.38	21.28	21.51	
3	64QAM	1	0	21.08	21.01	21.36	22.7
3	64QAM	1	8	21.07	21.16	21.19	
3	64QAM	1	14	21.20	21.16	21.04	
3	64QAM	8	0	21.32	21.33	21.40	22.7
3	64QAM	8	4	21.51	21.47	21.47	
3	64QAM	8	7	21.25	21.28	21.48	
3	64QAM	15	0	21.36	21.46	21.52	
3	256QAM	1	0	19.35	19.48	19.70	20.7
3	256QAM	1	8	19.30	19.46	19.61	
3	256QAM	1	14	19.41	19.33	19.58	
3	256QAM	8	0	19.36	19.22	19.39	20.7
3	256QAM	8	4	19.34	19.46	19.57	
3	256QAM	8	7	19.43	19.42	19.27	
3	256QAM	15	0	19.32	19.26	19.33	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.49	21.36	21.40	22.7
1.4	QPSK	1	3	21.26	21.37	21.54	
1.4	QPSK	1	5	21.29	21.22	21.22	
1.4	QPSK	3	0	21.40	21.30	21.42	
1.4	QPSK	3	1	21.28	21.31	21.34	
1.4	QPSK	3	3	21.38	21.38	21.32	
1.4	QPSK	6	0	21.50	21.26	21.26	22.7
1.4	16QAM	1	0	21.12	21.11	21.37	22.7

1.4	16QAM	1	3	21.25	21.12	21.46	
1.4	16QAM	1	5	21.32	21.14	21.14	
1.4	16QAM	3	0	21.48	21.47	21.51	
1.4	16QAM	3	1	21.43	21.43	21.36	
1.4	16QAM	3	3	21.47	21.46	21.47	
1.4	16QAM	6	0	21.52	21.39	21.43	22.7
1.4	64QAM	1	0	21.20	21.02	21.29	22.7
1.4	64QAM	1	3	21.11	21.14	21.30	
1.4	64QAM	1	5	21.23	21.03	21.10	
1.4	64QAM	3	0	21.45	21.37	21.51	
1.4	64QAM	3	1	21.52	21.31	21.34	
1.4	64QAM	3	3	21.33	21.44	21.43	
1.4	64QAM	6	0	21.47	21.32	21.40	22.7
1.4	256QAM	1	0	19.23	19.43	19.74	20.7
1.4	256QAM	1	3	19.38	19.41	19.64	
1.4	256QAM	1	5	19.50	19.30	19.49	
1.4	256QAM	3	0	19.33	19.23	19.36	
1.4	256QAM	3	1	19.25	19.43	19.53	
1.4	256QAM	3	3	19.45	19.26	19.43	
1.4	256QAM	6	0	19.31	19.38	19.36	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.08	21.48	21.46	21.6
20	QPSK	1	49	20.93	21.41	21.24	
20	QPSK	1	99	21.03	21.19	21.25	
20	QPSK	50	0	21.04	21.19	21.27	21.6
20	QPSK	50	24	20.90	21.15	21.21	
20	QPSK	50	50	21.01	21.27	21.20	
20	QPSK	100	0	20.99	21.37	21.31	
20	16QAM	1	0	21.05	21.28	21.18	21.6
20	16QAM	1	49	20.92	21.21	21.41	
20	16QAM	1	99	20.98	21.25	21.31	
20	16QAM	50	0	20.91	21.16	21.24	21.6
20	16QAM	50	24	21.03	21.36	21.33	
20	16QAM	50	50	21.04	21.41	21.15	
20	16QAM	100	0	21.01	21.26	21.23	
20	64QAM	1	0	20.93	21.23	21.32	21.6
20	64QAM	1	49	20.99	21.11	21.32	
20	64QAM	1	99	21.01	21.30	21.16	
20	64QAM	50	0	20.97	21.23	21.36	21.6
20	64QAM	50	24	21.13	21.21	21.19	
20	64QAM	50	50	20.96	21.17	21.24	
20	64QAM	100	0	20.93	21.27	21.24	
20	256QAM	1	0	19.56	19.43	19.73	20.7
20	256QAM	1	49	19.19	19.57	19.49	
20	256QAM	1	99	19.27	19.60	19.49	
20	256QAM	50	0	19.12	19.40	19.29	20.7
20	256QAM	50	24	19.29	19.43	19.19	
20	256QAM	50	50	19.14	19.48	19.33	
20	256QAM	100	0	18.97	19.34	19.20	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.06	21.46	21.31	21.6
15	QPSK	1	37	20.92	21.33	21.24	
15	QPSK	1	74	21.05	21.22	21.34	

15	QPSK	36	0	21.18	21.24	21.15	21.6
15	QPSK	36	20	21.03	21.10	21.28	
15	QPSK	36	39	21.11	21.21	21.22	
15	QPSK	75	0	20.90	21.38	21.22	
15	16QAM	1	0	20.96	21.33	21.12	21.6
15	16QAM	1	37	20.95	21.25	21.40	
15	16QAM	1	74	21.01	21.34	21.17	
15	16QAM	36	0	21.02	21.17	21.19	21.6
15	16QAM	36	20	21.01	21.19	21.29	
15	16QAM	36	39	21.03	21.34	21.10	
15	16QAM	75	0	21.09	21.30	21.25	
15	64QAM	1	0	20.86	21.28	21.36	21.6
15	64QAM	1	37	20.99	21.28	21.36	
15	64QAM	1	74	21.09	21.33	21.28	
15	64QAM	36	0	20.93	21.31	21.47	21.6
15	64QAM	36	20	21.16	21.23	21.22	
15	64QAM	36	39	21.10	21.18	21.25	
15	64QAM	75	0	20.83	21.25	21.41	
15	256QAM	1	0	19.51	19.59	19.70	20.7
15	256QAM	1	37	19.23	19.49	19.60	
15	256QAM	1	74	19.25	19.48	19.47	
15	256QAM	36	0	19.20	19.45	19.37	20.7
15	256QAM	36	20	19.17	19.43	19.23	
15	256QAM	36	39	19.16	19.48	19.37	
15	256QAM	75	0	19.17	19.35	19.29	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.15	21.44	21.35	21.6
10	QPSK	1	25	20.98	21.22	21.24	
10	QPSK	1	49	20.97	21.20	21.32	
10	QPSK	25	0	21.00	21.30	21.24	21.6
10	QPSK	25	12	20.88	21.29	21.19	
10	QPSK	25	25	20.99	21.17	21.16	
10	QPSK	50	0	20.88	21.28	21.22	
10	16QAM	1	0	21.14	21.41	21.20	21.6
10	16QAM	1	25	20.98	21.13	21.23	
10	16QAM	1	49	20.95	21.19	21.24	
10	16QAM	25	0	20.96	21.17	21.33	21.6
10	16QAM	25	12	21.06	21.25	21.36	
10	16QAM	25	25	20.94	21.30	21.08	
10	16QAM	50	0	21.09	21.28	21.29	
10	64QAM	1	0	20.89	21.19	21.37	21.6
10	64QAM	1	25	21.14	21.22	21.42	
10	64QAM	1	49	21.03	21.28	21.27	
10	64QAM	25	0	20.87	21.24	21.41	21.6
10	64QAM	25	12	21.05	21.22	21.30	
10	64QAM	25	25	21.10	21.20	21.22	
10	64QAM	50	0	20.95	21.19	21.25	
10	256QAM	1	0	19.56	19.60	19.80	20.7
10	256QAM	1	25	19.21	19.51	19.53	
10	256QAM	1	49	19.26	19.53	19.50	
10	256QAM	25	0	19.07	19.44	19.38	20.7
10	256QAM	25	12	19.26	19.29	19.33	
10	256QAM	25	25	19.13	19.35	19.41	
10	256QAM	50	0	19.08	19.41	19.32	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.13	21.31	21.30	21.6
5	QPSK	1	12	21.05	21.41	21.19	

5	QPSK	1	24	21.11	21.22	21.40	
5	QPSK	12	0	21.02	21.15	21.28	21.6
5	QPSK	12	7	20.89	21.15	21.18	
5	QPSK	12	13	20.99	21.21	21.14	
5	QPSK	25	0	20.93	21.27	21.28	
5	16QAM	1	0	21.07	21.34	21.29	21.6
5	16QAM	1	12	21.01	21.20	21.22	
5	16QAM	1	24	20.92	21.29	21.22	
5	16QAM	12	0	20.89	21.15	21.22	21.6
5	16QAM	12	7	21.05	21.35	21.26	
5	16QAM	12	13	21.06	21.40	21.16	
5	16QAM	25	0	21.10	21.30	21.25	
5	64QAM	1	0	21.00	21.34	21.18	21.6
5	64QAM	1	12	21.02	21.24	21.28	
5	64QAM	1	24	21.15	21.15	21.26	
5	64QAM	12	0	21.07	21.23	21.37	21.6
5	64QAM	12	7	21.06	21.21	21.31	
5	64QAM	12	13	21.04	21.16	21.29	
5	64QAM	25	0	20.93	21.20	21.41	
5	256QAM	1	0	19.43	19.62	19.74	20.7
5	256QAM	1	12	19.15	19.58	19.66	
5	256QAM	1	24	19.42	19.45	19.35	
5	256QAM	12	0	19.14	19.41	19.38	20.7
5	256QAM	12	7	19.27	19.30	19.29	
5	256QAM	12	13	19.01	19.38	19.40	
5	256QAM	25	0	19.10	19.38	19.22	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.11	21.45	21.30	21.6
3	QPSK	1	8	21.03	21.31	21.29	
3	QPSK	1	14	21.17	21.28	21.30	
3	QPSK	8	0	21.08	21.15	21.19	21.6
3	QPSK	8	4	20.99	21.17	21.13	
3	QPSK	8	7	21.12	21.24	21.28	
3	QPSK	15	0	20.95	21.35	21.37	
3	16QAM	1	0	21.04	21.24	21.16	21.6
3	16QAM	1	8	20.90	21.21	21.38	
3	16QAM	1	14	20.93	21.35	21.34	
3	16QAM	8	0	20.91	21.18	21.15	21.6
3	16QAM	8	4	21.07	21.29	21.45	
3	16QAM	8	7	21.07	21.36	21.22	
3	16QAM	15	0	21.09	21.22	21.16	
3	64QAM	1	0	20.97	21.18	21.24	21.6
3	64QAM	1	8	21.07	21.22	21.24	
3	64QAM	1	14	21.09	21.17	21.31	
3	64QAM	8	0	20.91	21.23	21.29	21.6
3	64QAM	8	4	21.03	21.38	21.31	
3	64QAM	8	7	21.01	21.24	21.18	
3	64QAM	15	0	21.00	21.23	21.33	
3	256QAM	1	0	19.45	19.59	19.63	20.7
3	256QAM	1	8	19.17	19.57	19.66	
3	256QAM	1	14	19.36	19.49	19.42	
3	256QAM	8	0	19.19	19.30	19.26	20.7
3	256QAM	8	4	19.18	19.42	19.34	
3	256QAM	8	7	19.13	19.34	19.32	
3	256QAM	15	0	19.07	19.36	19.19	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.05	21.28	21.27	21.6

1.4	QPSK	1	3	20.91	21.41	21.29	
1.4	QPSK	1	5	21.02	21.34	21.22	
1.4	QPSK	3	0	21.02	21.35	21.27	
1.4	QPSK	3	1	21.06	21.21	21.23	
1.4	QPSK	3	3	21.03	21.22	21.16	
1.4	QPSK	6	0	21.00	21.22	21.32	21.6
1.4	16QAM	1	0	21.06	21.39	21.22	21.6
1.4	16QAM	1	3	21.04	21.16	21.28	
1.4	16QAM	1	5	20.99	21.19	21.34	
1.4	16QAM	3	0	21.02	21.31	21.22	
1.4	16QAM	3	1	21.13	21.32	21.40	
1.4	16QAM	3	3	20.91	21.38	21.12	
1.4	16QAM	6	0	21.11	21.33	21.23	21.6
1.4	64QAM	1	0	20.84	21.15	21.27	21.6
1.4	64QAM	1	3	21.13	21.23	21.24	
1.4	64QAM	1	5	20.97	21.15	21.35	
1.4	64QAM	3	0	21.03	21.26	21.37	
1.4	64QAM	3	1	21.02	21.26	21.24	
1.4	64QAM	3	3	21.07	21.17	21.25	
1.4	64QAM	6	0	20.93	21.29	21.33	21.6
1.4	256QAM	1	0	19.56	19.59	19.70	20.7
1.4	256QAM	1	3	19.23	19.60	19.51	
1.4	256QAM	1	5	19.38	19.51	19.55	
1.4	256QAM	3	0	19.11	19.28	19.24	
1.4	256QAM	3	1	19.19	19.32	19.27	
1.4	256QAM	3	3	19.10	19.34	19.40	
1.4	256QAM	6	0	19.14	19.27	19.22	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.08	21.48	21.46	22.4
20	QPSK	1	49	20.93	21.41	21.24	
20	QPSK	1	99	21.03	21.19	21.25	
20	QPSK	50	0	21.04	21.19	21.27	22.4
20	QPSK	50	24	20.90	21.15	21.21	
20	QPSK	50	50	21.01	21.27	21.20	
20	QPSK	100	0	20.99	21.37	21.31	
20	16QAM	1	0	21.05	21.28	21.18	22.4
20	16QAM	1	49	20.92	21.21	21.41	
20	16QAM	1	99	20.98	21.25	21.31	
20	16QAM	50	0	20.91	21.16	21.24	22.4
20	16QAM	50	24	21.03	21.36	21.33	
20	16QAM	50	50	21.04	21.41	21.15	
20	16QAM	100	0	21.01	21.26	21.23	
20	64QAM	1	0	20.93	21.23	21.32	22.4
20	64QAM	1	49	20.99	21.11	21.32	
20	64QAM	1	99	21.01	21.30	21.16	
20	64QAM	50	0	20.97	21.23	21.36	22.4
20	64QAM	50	24	21.13	21.21	21.19	
20	64QAM	50	50	20.96	21.17	21.24	
20	64QAM	100	0	20.93	21.27	21.24	
20	256QAM	1	0	19.56	19.43	19.73	20.7
20	256QAM	1	49	19.19	19.57	19.49	
20	256QAM	1	99	19.27	19.60	19.49	
20	256QAM	50	0	19.12	19.40	19.29	20.7
20	256QAM	50	24	19.29	19.43	19.19	

20	256QAM	50	50	19.14	19.48	19.33	
20	256QAM	100	0	18.97	19.34	19.20	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.06	21.46	21.31	22.4
15	QPSK	1	37	20.92	21.33	21.24	
15	QPSK	1	74	21.05	21.22	21.34	
15	QPSK	36	0	21.18	21.24	21.15	22.4
15	QPSK	36	20	21.03	21.10	21.28	
15	QPSK	36	39	21.11	21.21	21.22	
15	QPSK	75	0	20.90	21.38	21.22	
15	16QAM	1	0	20.96	21.33	21.12	22.4
15	16QAM	1	37	20.95	21.25	21.40	
15	16QAM	1	74	21.01	21.34	21.17	
15	16QAM	36	0	21.02	21.17	21.19	22.4
15	16QAM	36	20	21.01	21.19	21.29	
15	16QAM	36	39	21.03	21.34	21.10	
15	16QAM	75	0	21.09	21.30	21.25	
15	64QAM	1	0	20.86	21.28	21.36	22.4
15	64QAM	1	37	20.99	21.28	21.36	
15	64QAM	1	74	21.09	21.33	21.28	
15	64QAM	36	0	20.93	21.31	21.47	22.4
15	64QAM	36	20	21.16	21.23	21.22	
15	64QAM	36	39	21.10	21.18	21.25	
15	64QAM	75	0	20.83	21.25	21.41	
15	256QAM	1	0	19.51	19.59	19.70	20.7
15	256QAM	1	37	19.23	19.49	19.60	
15	256QAM	1	74	19.25	19.48	19.47	
15	256QAM	36	0	19.20	19.45	19.37	20.7
15	256QAM	36	20	19.17	19.43	19.23	
15	256QAM	36	39	19.16	19.48	19.37	
15	256QAM	75	0	19.17	19.35	19.29	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.15	21.44	21.35	22.4
10	QPSK	1	25	20.98	21.22	21.24	
10	QPSK	1	49	20.97	21.20	21.32	
10	QPSK	25	0	21.00	21.30	21.24	22.4
10	QPSK	25	12	20.88	21.29	21.19	
10	QPSK	25	25	20.99	21.17	21.16	
10	QPSK	50	0	20.88	21.28	21.22	
10	16QAM	1	0	21.14	21.41	21.20	22.4
10	16QAM	1	25	20.98	21.13	21.23	
10	16QAM	1	49	20.95	21.19	21.24	
10	16QAM	25	0	20.96	21.17	21.33	22.4
10	16QAM	25	12	21.06	21.25	21.36	
10	16QAM	25	25	20.94	21.30	21.08	
10	16QAM	50	0	21.09	21.28	21.29	
10	64QAM	1	0	20.89	21.19	21.37	22.4
10	64QAM	1	25	21.14	21.22	21.42	
10	64QAM	1	49	21.03	21.28	21.27	
10	64QAM	25	0	20.87	21.24	21.41	22.4
10	64QAM	25	12	21.05	21.22	21.30	
10	64QAM	25	25	21.10	21.20	21.22	
10	64QAM	50	0	20.95	21.19	21.25	
10	256QAM	1	0	19.56	19.60	19.80	20.7
10	256QAM	1	25	19.21	19.51	19.53	
10	256QAM	1	49	19.26	19.53	19.50	
10	256QAM	25	0	19.07	19.44	19.38	20.7

10	256QAM	25	12	19.26	19.29	19.33	
10	256QAM	25	25	19.13	19.35	19.41	
10	256QAM	50	0	19.08	19.41	19.32	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.13	21.31	21.30	22.4
5	QPSK	1	12	21.05	21.41	21.19	
5	QPSK	1	24	21.11	21.22	21.40	
5	QPSK	12	0	21.02	21.15	21.28	22.4
5	QPSK	12	7	20.89	21.15	21.18	
5	QPSK	12	13	20.99	21.21	21.14	
5	QPSK	25	0	20.93	21.27	21.28	
5	16QAM	1	0	21.07	21.34	21.29	22.4
5	16QAM	1	12	21.01	21.20	21.22	
5	16QAM	1	24	20.92	21.29	21.22	
5	16QAM	12	0	20.89	21.15	21.22	22.4
5	16QAM	12	7	21.05	21.35	21.26	
5	16QAM	12	13	21.06	21.40	21.16	
5	16QAM	25	0	21.10	21.30	21.25	
5	64QAM	1	0	21.00	21.34	21.18	22.4
5	64QAM	1	12	21.02	21.24	21.28	
5	64QAM	1	24	21.15	21.15	21.26	
5	64QAM	12	0	21.07	21.23	21.37	22.4
5	64QAM	12	7	21.06	21.21	21.31	
5	64QAM	12	13	21.04	21.16	21.29	
5	64QAM	25	0	20.93	21.20	21.41	
5	256QAM	1	0	19.43	19.62	19.74	20.7
5	256QAM	1	12	19.15	19.58	19.66	
5	256QAM	1	24	19.42	19.45	19.35	
5	256QAM	12	0	19.14	19.41	19.38	20.7
5	256QAM	12	7	19.27	19.30	19.29	
5	256QAM	12	13	19.01	19.38	19.40	
5	256QAM	25	0	19.10	19.38	19.22	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.11	21.45	21.30	22.4
3	QPSK	1	8	21.03	21.31	21.29	
3	QPSK	1	14	21.17	21.28	21.30	
3	QPSK	8	0	21.08	21.15	21.19	22.4
3	QPSK	8	4	20.99	21.17	21.13	
3	QPSK	8	7	21.12	21.24	21.28	
3	QPSK	15	0	20.95	21.35	21.37	
3	16QAM	1	0	21.04	21.24	21.16	22.4
3	16QAM	1	8	20.90	21.21	21.38	
3	16QAM	1	14	20.93	21.35	21.34	
3	16QAM	8	0	20.91	21.18	21.15	22.4
3	16QAM	8	4	21.07	21.29	21.45	
3	16QAM	8	7	21.07	21.36	21.22	
3	16QAM	15	0	21.09	21.22	21.16	
3	64QAM	1	0	20.97	21.18	21.24	22.4
3	64QAM	1	8	21.07	21.22	21.24	
3	64QAM	1	14	21.09	21.17	21.31	
3	64QAM	8	0	20.91	21.23	21.29	22.4
3	64QAM	8	4	21.03	21.38	21.31	
3	64QAM	8	7	21.01	21.24	21.18	
3	64QAM	15	0	21.00	21.23	21.33	
3	256QAM	1	0	19.45	19.59	19.63	20.7
3	256QAM	1	8	19.17	19.57	19.66	
3	256QAM	1	14	19.36	19.49	19.42	

3	256QAM	8	0	19.19	19.30	19.26	20.7
3	256QAM	8	4	19.18	19.42	19.34	
3	256QAM	8	7	19.13	19.34	19.32	
3	256QAM	15	0	19.07	19.36	19.19	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.05	21.28	21.27	22.4
1.4	QPSK	1	3	20.91	21.41	21.29	
1.4	QPSK	1	5	21.02	21.34	21.22	
1.4	QPSK	3	0	21.02	21.35	21.27	
1.4	QPSK	3	1	21.06	21.21	21.23	
1.4	QPSK	3	3	21.03	21.22	21.16	
1.4	QPSK	6	0	21.00	21.22	21.32	22.4
1.4	16QAM	1	0	21.06	21.39	21.22	22.4
1.4	16QAM	1	3	21.04	21.16	21.28	
1.4	16QAM	1	5	20.99	21.19	21.34	
1.4	16QAM	3	0	21.02	21.31	21.22	
1.4	16QAM	3	1	21.13	21.32	21.40	
1.4	16QAM	3	3	20.91	21.38	21.12	
1.4	16QAM	6	0	21.11	21.33	21.23	22.4
1.4	64QAM	1	0	20.84	21.15	21.27	22.4
1.4	64QAM	1	3	21.13	21.23	21.24	
1.4	64QAM	1	5	20.97	21.15	21.35	
1.4	64QAM	3	0	21.03	21.26	21.37	
1.4	64QAM	3	1	21.02	21.26	21.24	
1.4	64QAM	3	3	21.07	21.17	21.25	
1.4	64QAM	6	0	20.93	21.29	21.33	22.4
1.4	256QAM	1	0	19.56	19.59	19.70	20.7
1.4	256QAM	1	3	19.23	19.60	19.51	
1.4	256QAM	1	5	19.38	19.51	19.55	
1.4	256QAM	3	0	19.11	19.28	19.24	
1.4	256QAM	3	1	19.19	19.32	19.27	
1.4	256QAM	3	3	19.10	19.34	19.40	
1.4	256QAM	6	0	19.14	19.27	19.22	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.51	19.48	19.50	20.7
20	QPSK	1	49	19.21	19.27	19.23	
20	QPSK	1	99	19.19	19.22	19.24	
20	QPSK	50	0	19.39	19.41	19.40	20.7
20	QPSK	50	24	19.26	19.31	19.32	
20	QPSK	50	50	19.36	19.38	19.38	
20	QPSK	100	0	19.38	19.40	19.39	
20	16QAM	1	0	19.31	19.36	19.32	20.7
20	16QAM	1	49	19.04	19.21	19.17	
20	16QAM	1	99	19.12	19.02	19.16	
20	16QAM	50	0	19.31	19.40	19.27	20.7
20	16QAM	50	24	19.08	19.18	19.15	
20	16QAM	50	50	19.18	19.26	19.20	
20	16QAM	100	0	19.25	19.24	19.22	
20	64QAM	1	0	19.50	19.33	19.50	20.7
20	64QAM	1	49	19.18	19.19	19.05	
20	64QAM	1	99	19.18	19.19	19.05	
20	64QAM	50	0	19.35	19.33	19.20	20.7
20	64QAM	50	24	19.11	19.13	19.27	

20	64QAM	50	50	19.20	19.29	19.36	
20	64QAM	100	0	19.19	19.36	19.32	
20	256QAM	1	0	19.25	19.21	19.20	20.7
20	256QAM	1	49	19.14	19.15	19.11	
20	256QAM	1	99	18.96	19.02	18.95	
20	256QAM	50	0	18.99	18.95	18.94	20.7
20	256QAM	50	24	18.87	18.93	18.85	
20	256QAM	50	50	18.87	18.89	18.78	
20	256QAM	100	0	18.94	18.96	18.90	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.39	19.38	19.37	20.7
15	QPSK	1	37	19.21	19.24	19.18	
15	QPSK	1	74	19.13	19.16	19.07	
15	QPSK	36	0	19.34	19.25	19.31	20.7
15	QPSK	36	20	19.24	19.21	19.31	
15	QPSK	36	39	19.36	19.33	19.27	
15	QPSK	75	0	19.33	19.37	19.34	
15	16QAM	1	0	19.25	19.30	19.28	20.7
15	16QAM	1	37	18.89	19.21	18.97	
15	16QAM	1	74	18.96	18.94	19.04	
15	16QAM	36	0	19.30	19.20	19.27	20.7
15	16QAM	36	20	18.97	19.11	19.00	
15	16QAM	36	39	19.06	19.12	19.05	
15	16QAM	75	0	19.10	19.05	19.15	
15	64QAM	1	0	19.36	19.26	19.41	20.7
15	64QAM	1	37	19.04	19.03	18.91	
15	64QAM	1	74	19.06	19.18	18.93	
15	64QAM	36	0	19.26	19.18	19.07	20.7
15	64QAM	36	20	19.05	19.10	19.23	
15	64QAM	36	39	19.17	19.15	19.20	
15	64QAM	75	0	19.12	19.29	19.12	
15	256QAM	1	0	19.05	19.11	19.00	20.7
15	256QAM	1	37	18.96	19.12	19.05	
15	256QAM	1	74	18.96	18.82	18.76	
15	256QAM	36	0	18.95	18.93	18.90	20.7
15	256QAM	36	20	18.87	18.77	18.79	
15	256QAM	36	39	18.85	18.78	18.73	
15	256QAM	75	0	18.85	18.81	18.72	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.31	19.39	19.42	20.7
10	QPSK	1	25	19.18	19.21	19.19	
10	QPSK	1	49	19.12	19.08	19.16	
10	QPSK	25	0	19.29	19.22	19.24	20.7
10	QPSK	25	12	19.14	19.14	19.32	
10	QPSK	25	25	19.20	19.28	19.24	
10	QPSK	50	0	19.32	19.29	19.26	
10	16QAM	1	0	19.21	19.25	19.31	20.7
10	16QAM	1	25	18.89	19.05	18.97	
10	16QAM	1	49	19.10	18.86	18.97	
10	16QAM	25	0	19.18	19.20	19.21	20.7
10	16QAM	25	12	18.95	19.06	19.06	
10	16QAM	25	25	18.99	19.11	19.09	
10	16QAM	50	0	19.12	19.24	19.11	
10	64QAM	1	0	19.32	19.19	19.41	20.7
10	64QAM	1	25	19.16	19.02	18.94	
10	64QAM	1	49	19.16	19.00	19.02	
10	64QAM	25	0	19.15	19.24	19.15	20.7

10	64QAM	25	12	19.02	18.96	19.19	
10	64QAM	25	25	19.17	19.13	19.17	
10	64QAM	50	0	19.05	19.16	19.18	
10	256QAM	1	0	19.10	19.09	19.06	20.7
10	256QAM	1	25	19.07	19.02	19.04	
10	256QAM	1	49	18.93	18.92	18.85	
10	256QAM	25	0	18.92	18.90	18.79	20.7
10	256QAM	25	12	18.74	18.78	18.73	
10	256QAM	25	25	18.80	18.86	18.89	
10	256QAM	50	0	18.76	18.92	18.76	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.33	19.47	19.49	20.7
5	QPSK	1	12	19.04	19.27	19.20	
5	QPSK	1	24	19.05	19.21	19.20	
5	QPSK	12	0	19.20	19.39	19.37	20.7
5	QPSK	12	7	19.16	19.28	19.31	
5	QPSK	12	13	19.24	19.21	19.35	
5	QPSK	25	0	19.26	19.37	19.27	
5	16QAM	1	0	19.27	19.22	19.16	20.7
5	16QAM	1	12	19.01	19.05	19.12	
5	16QAM	1	24	18.92	18.99	18.98	
5	16QAM	12	0	19.22	19.20	19.19	20.7
5	16QAM	12	7	19.08	19.03	19.05	
5	16QAM	12	13	19.13	19.18	19.09	
5	16QAM	25	0	19.24	19.11	19.20	
5	64QAM	1	0	19.34	19.22	19.43	20.7
5	64QAM	1	12	19.18	19.08	18.96	
5	64QAM	1	24	18.98	19.02	19.03	
5	64QAM	12	0	19.27	19.28	19.14	20.7
5	64QAM	12	7	18.99	19.07	19.27	
5	64QAM	12	13	19.09	19.28	19.16	
5	64QAM	25	0	19.19	19.33	19.19	
5	256QAM	1	0	19.05	19.02	19.09	20.7
5	256QAM	1	12	19.04	19.13	18.93	
5	256QAM	1	24	18.93	18.92	18.94	
5	256QAM	12	0	18.84	18.80	18.87	20.7
5	256QAM	12	7	18.74	18.89	18.89	
5	256QAM	12	13	18.75	18.88	18.81	
5	256QAM	25	0	18.86	18.91	18.90	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.46	19.44	19.46	20.7
3	QPSK	1	8	19.02	19.11	19.15	
3	QPSK	1	14	19.04	19.04	19.15	
3	QPSK	8	0	19.31	19.24	19.38	20.7
3	QPSK	8	4	19.12	19.14	19.17	
3	QPSK	8	7	19.23	19.34	19.18	
3	QPSK	15	0	19.28	19.33	19.30	
3	16QAM	1	0	19.22	19.31	19.21	20.7
3	16QAM	1	8	18.84	19.10	19.15	
3	16QAM	1	14	18.98	18.91	19.08	
3	16QAM	8	0	19.19	19.23	19.22	20.7
3	16QAM	8	4	19.00	19.02	19.14	
3	16QAM	8	7	19.03	19.19	19.00	
3	16QAM	15	0	19.11	19.15	19.11	
3	64QAM	1	0	19.45	19.32	19.45	20.7
3	64QAM	1	8	19.13	19.12	18.99	
3	64QAM	1	14	19.05	19.18	18.97	

3	64QAM	8	0	19.16	19.33	19.14	20.7
3	64QAM	8	4	19.04	19.10	19.19	
3	64QAM	8	7	19.07	19.28	19.27	
3	64QAM	15	0	18.99	19.24	19.30	
3	256QAM	1	0	19.09	19.09	19.01	20.7
3	256QAM	1	8	19.09	19.04	18.92	
3	256QAM	1	14	18.90	19.02	18.88	
3	256QAM	8	0	18.98	18.83	18.90	20.7
3	256QAM	8	4	18.77	18.73	18.85	
3	256QAM	8	7	18.78	18.87	18.89	
3	256QAM	15	0	18.93	18.90	18.71	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.36	19.36	19.43	20.7
1.4	QPSK	1	3	19.12	19.21	19.18	
1.4	QPSK	1	5	19.13	19.18	19.24	
1.4	QPSK	3	0	19.33	19.23	19.33	
1.4	QPSK	3	1	19.13	19.21	19.23	
1.4	QPSK	3	3	19.24	19.30	19.36	
1.4	QPSK	6	0	19.33	19.24	19.27	20.7
1.4	16QAM	1	0	19.20	19.28	19.29	20.7
1.4	16QAM	1	3	18.95	19.07	19.15	
1.4	16QAM	1	5	19.07	19.00	19.03	
1.4	16QAM	3	0	19.12	19.31	19.08	
1.4	16QAM	3	1	19.00	19.15	19.04	
1.4	16QAM	3	3	19.10	19.11	19.02	
1.4	16QAM	6	0	19.23	19.24	19.16	20.7
1.4	64QAM	1	0	19.41	19.25	19.43	20.7
1.4	64QAM	1	3	19.10	19.07	18.99	
1.4	64QAM	1	5	19.15	19.11	18.85	
1.4	64QAM	3	0	19.28	19.16	19.04	
1.4	64QAM	3	1	19.05	18.99	19.27	
1.4	64QAM	3	3	19.08	19.28	19.23	
1.4	64QAM	6	0	19.11	19.17	19.29	20.7
1.4	256QAM	1	0	19.21	19.06	19.15	20.7
1.4	256QAM	1	3	19.04	18.95	19.02	
1.4	256QAM	1	5	18.88	19.02	18.85	
1.4	256QAM	3	0	18.89	18.82	18.82	
1.4	256QAM	3	1	18.84	18.82	18.75	
1.4	256QAM	3	3	18.70	18.78	18.79	
1.4	256QAM	6	0	18.90	18.89	18.88	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.51	19.48	19.50	19.9
20	QPSK	1	49	19.21	19.27	19.23	
20	QPSK	1	99	19.19	19.22	19.24	
20	QPSK	50	0	19.39	19.41	19.40	19.9
20	QPSK	50	24	19.26	19.31	19.32	
20	QPSK	50	50	19.36	19.38	19.38	
20	QPSK	100	0	19.38	19.40	19.39	
20	16QAM	1	0	19.31	19.36	19.32	19.9
20	16QAM	1	49	19.04	19.21	19.17	
20	16QAM	1	99	19.12	19.02	19.16	
20	16QAM	50	0	19.31	19.40	19.27	19.9
20	16QAM	50	24	19.08	19.18	19.15	

20	16QAM	50	50	19.18	19.26	19.20	
20	16QAM	100	0	19.25	19.24	19.22	
20	64QAM	1	0	19.50	19.33	19.50	19.9
20	64QAM	1	49	19.18	19.19	19.05	
20	64QAM	1	99	19.18	19.19	19.05	
20	64QAM	50	0	19.35	19.33	19.20	19.9
20	64QAM	50	24	19.11	19.13	19.27	
20	64QAM	50	50	19.20	19.29	19.36	
20	64QAM	100	0	19.19	19.36	19.32	
20	256QAM	1	0	19.25	19.21	19.20	19.9
20	256QAM	1	49	19.14	19.15	19.11	
20	256QAM	1	99	18.96	19.02	18.95	
20	256QAM	50	0	18.99	18.95	18.94	19.9
20	256QAM	50	24	18.87	18.93	18.85	
20	256QAM	50	50	18.87	18.89	18.78	
20	256QAM	100	0	18.94	18.96	18.90	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.39	19.38	19.37	19.9
15	QPSK	1	37	19.21	19.24	19.18	
15	QPSK	1	74	19.13	19.16	19.07	
15	QPSK	36	0	19.34	19.25	19.31	19.9
15	QPSK	36	20	19.24	19.21	19.31	
15	QPSK	36	39	19.36	19.33	19.27	
15	QPSK	75	0	19.33	19.37	19.34	
15	16QAM	1	0	19.25	19.30	19.28	19.9
15	16QAM	1	37	18.89	19.21	18.97	
15	16QAM	1	74	18.96	18.94	19.04	
15	16QAM	36	0	19.30	19.20	19.27	19.9
15	16QAM	36	20	18.97	19.11	19.00	
15	16QAM	36	39	19.06	19.12	19.05	
15	16QAM	75	0	19.10	19.05	19.15	
15	64QAM	1	0	19.36	19.26	19.41	19.9
15	64QAM	1	37	19.04	19.03	18.91	
15	64QAM	1	74	19.06	19.18	18.93	
15	64QAM	36	0	19.26	19.18	19.07	19.9
15	64QAM	36	20	19.05	19.10	19.23	
15	64QAM	36	39	19.17	19.15	19.20	
15	64QAM	75	0	19.12	19.29	19.12	
15	256QAM	1	0	19.05	19.11	19.00	19.9
15	256QAM	1	37	18.96	19.12	19.05	
15	256QAM	1	74	18.96	18.82	18.76	
15	256QAM	36	0	18.95	18.93	18.90	19.9
15	256QAM	36	20	18.87	18.77	18.79	
15	256QAM	36	39	18.85	18.78	18.73	
15	256QAM	75	0	18.85	18.81	18.72	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.31	19.39	19.42	19.9
10	QPSK	1	25	19.18	19.21	19.19	
10	QPSK	1	49	19.12	19.08	19.16	
10	QPSK	25	0	19.29	19.22	19.24	19.9
10	QPSK	25	12	19.14	19.14	19.32	
10	QPSK	25	25	19.20	19.28	19.24	
10	QPSK	50	0	19.32	19.29	19.26	
10	16QAM	1	0	19.21	19.25	19.31	19.9
10	16QAM	1	25	18.89	19.05	18.97	
10	16QAM	1	49	19.10	18.86	18.97	
10	16QAM	25	0	19.18	19.20	19.21	19.9

10	16QAM	25	12	18.95	19.06	19.06	
10	16QAM	25	25	18.99	19.11	19.09	
10	16QAM	50	0	19.12	19.24	19.11	
10	64QAM	1	0	19.32	19.19	19.41	19.9
10	64QAM	1	25	19.16	19.02	18.94	
10	64QAM	1	49	19.16	19.00	19.02	
10	64QAM	25	0	19.15	19.24	19.15	19.9
10	64QAM	25	12	19.02	18.96	19.19	
10	64QAM	25	25	19.17	19.13	19.17	
10	64QAM	50	0	19.05	19.16	19.18	
10	256QAM	1	0	19.10	19.09	19.06	19.9
10	256QAM	1	25	19.07	19.02	19.04	
10	256QAM	1	49	18.93	18.92	18.85	
10	256QAM	25	0	18.92	18.90	18.79	19.9
10	256QAM	25	12	18.74	18.78	18.73	
10	256QAM	25	25	18.80	18.86	18.89	
10	256QAM	50	0	18.76	18.92	18.76	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.33	19.47	19.49	19.9
5	QPSK	1	12	19.04	19.27	19.20	
5	QPSK	1	24	19.05	19.21	19.20	
5	QPSK	12	0	19.20	19.39	19.37	19.9
5	QPSK	12	7	19.16	19.28	19.31	
5	QPSK	12	13	19.24	19.21	19.35	
5	QPSK	25	0	19.26	19.37	19.27	
5	16QAM	1	0	19.27	19.22	19.16	19.9
5	16QAM	1	12	19.01	19.05	19.12	
5	16QAM	1	24	18.92	18.99	18.98	
5	16QAM	12	0	19.22	19.20	19.19	19.9
5	16QAM	12	7	19.08	19.03	19.05	
5	16QAM	12	13	19.13	19.18	19.09	
5	16QAM	25	0	19.24	19.11	19.20	
5	64QAM	1	0	19.34	19.22	19.43	19.9
5	64QAM	1	12	19.18	19.08	18.96	
5	64QAM	1	24	18.98	19.02	19.03	
5	64QAM	12	0	19.27	19.28	19.14	19.9
5	64QAM	12	7	18.99	19.07	19.27	
5	64QAM	12	13	19.09	19.28	19.16	
5	64QAM	25	0	19.19	19.33	19.19	
5	256QAM	1	0	19.05	19.02	19.09	19.9
5	256QAM	1	12	19.04	19.13	18.93	
5	256QAM	1	24	18.93	18.92	18.94	
5	256QAM	12	0	18.84	18.80	18.87	19.9
5	256QAM	12	7	18.74	18.89	18.89	
5	256QAM	12	13	18.75	18.88	18.81	
5	256QAM	25	0	18.86	18.91	18.90	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.46	19.44	19.46	19.9
3	QPSK	1	8	19.02	19.11	19.15	
3	QPSK	1	14	19.04	19.04	19.15	
3	QPSK	8	0	19.31	19.24	19.38	19.9
3	QPSK	8	4	19.12	19.14	19.17	
3	QPSK	8	7	19.23	19.34	19.18	
3	QPSK	15	0	19.28	19.33	19.30	
3	16QAM	1	0	19.22	19.31	19.21	19.9
3	16QAM	1	8	18.84	19.10	19.15	
3	16QAM	1	14	18.98	18.91	19.08	

3	16QAM	8	0	19.19	19.23	19.22	19.9
3	16QAM	8	4	19.00	19.02	19.14	
3	16QAM	8	7	19.03	19.19	19.00	
3	16QAM	15	0	19.11	19.15	19.11	
3	64QAM	1	0	19.45	19.32	19.45	19.9
3	64QAM	1	8	19.13	19.12	18.99	
3	64QAM	1	14	19.05	19.18	18.97	
3	64QAM	8	0	19.16	19.33	19.14	19.9
3	64QAM	8	4	19.04	19.10	19.19	
3	64QAM	8	7	19.07	19.28	19.27	
3	64QAM	15	0	18.99	19.24	19.30	
3	256QAM	1	0	19.09	19.09	19.01	19.9
3	256QAM	1	8	19.09	19.04	18.92	
3	256QAM	1	14	18.90	19.02	18.88	
3	256QAM	8	0	18.98	18.83	18.90	19.9
3	256QAM	8	4	18.77	18.73	18.85	
3	256QAM	8	7	18.78	18.87	18.89	
3	256QAM	15	0	18.93	18.90	18.71	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.36	19.36	19.43	19.9
1.4	QPSK	1	3	19.12	19.21	19.18	
1.4	QPSK	1	5	19.13	19.18	19.24	
1.4	QPSK	3	0	19.33	19.23	19.33	
1.4	QPSK	3	1	19.13	19.21	19.23	
1.4	QPSK	3	3	19.24	19.30	19.36	
1.4	QPSK	6	0	19.33	19.24	19.27	19.9
1.4	16QAM	1	0	19.20	19.28	19.29	19.9
1.4	16QAM	1	3	18.95	19.07	19.15	
1.4	16QAM	1	5	19.07	19.00	19.03	
1.4	16QAM	3	0	19.12	19.31	19.08	
1.4	16QAM	3	1	19.00	19.15	19.04	
1.4	16QAM	3	3	19.10	19.11	19.02	
1.4	16QAM	6	0	19.23	19.24	19.16	19.9
1.4	64QAM	1	0	19.41	19.25	19.43	19.9
1.4	64QAM	1	3	19.10	19.07	18.99	
1.4	64QAM	1	5	19.15	19.11	18.85	
1.4	64QAM	3	0	19.28	19.16	19.04	
1.4	64QAM	3	1	19.05	18.99	19.27	
1.4	64QAM	3	3	19.08	19.28	19.23	
1.4	64QAM	6	0	19.11	19.17	19.29	19.9
1.4	256QAM	1	0	19.21	19.06	19.15	19.9
1.4	256QAM	1	3	19.04	18.95	19.02	
1.4	256QAM	1	5	18.88	19.02	18.85	
1.4	256QAM	3	0	18.89	18.82	18.82	
1.4	256QAM	3	1	18.84	18.82	18.75	
1.4	256QAM	3	3	18.70	18.78	18.79	
1.4	256QAM	6	0	18.90	18.89	18.88	19.9

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.67	24.60	24.62	24.9
20	QPSK	1	49	24.61	24.59	24.61	
20	QPSK	1	99	24.52	24.51	24.48	
20	QPSK	50	0	23.80	23.76	23.77	24.7
20	QPSK	50	24	23.66	23.68	23.65	

20	QPSK	50	50	23.66	23.62	23.64	
20	QPSK	100	0	23.65	23.67	23.63	
20	16QAM	1	0	23.73	23.78	23.71	24.7
20	16QAM	1	49	23.75	23.79	23.77	
20	16QAM	1	99	23.77	23.78	23.72	
20	16QAM	50	0	22.78	22.76	22.72	23.7
20	16QAM	50	24	22.69	22.72	22.71	
20	16QAM	50	50	22.69	22.67	22.66	
20	16QAM	100	0	22.74	22.70	22.67	
20	64QAM	1	0	22.76	22.79	22.79	23.7
20	64QAM	1	49	22.80	22.74	22.66	
20	64QAM	1	99	22.76	22.75	22.72	
20	64QAM	50	0	21.78	21.78	21.72	22.7
20	64QAM	50	24	21.72	21.73	21.70	
20	64QAM	50	50	21.66	21.68	21.68	
20	64QAM	100	0	21.75	21.72	21.64	
20	256QAM	1	0	19.77	19.80	19.73	20.7
20	256QAM	1	49	19.74	19.76	19.69	
20	256QAM	1	99	19.68	19.64	19.59	
20	256QAM	50	0	19.70	19.71	19.64	20.7
20	256QAM	50	24	19.66	19.67	19.66	
20	256QAM	50	50	19.60	19.62	19.55	
20	256QAM	100	0	19.70	19.66	19.64	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.58	24.59	24.62	24.9
15	QPSK	1	37	24.52	24.54	24.54	
15	QPSK	1	74	24.49	24.42	24.47	
15	QPSK	36	0	23.76	23.71	23.77	24.7
15	QPSK	36	20	23.61	23.60	23.65	
15	QPSK	36	39	23.60	23.59	23.59	
15	QPSK	75	0	23.62	23.64	23.53	
15	16QAM	1	0	23.64	23.70	23.69	24.7
15	16QAM	1	37	23.66	23.73	23.67	
15	16QAM	1	74	23.71	23.78	23.66	
15	16QAM	36	0	22.71	22.76	22.65	23.7
15	16QAM	36	20	22.63	22.68	22.62	
15	16QAM	36	39	22.67	22.57	22.66	
15	16QAM	75	0	22.74	22.64	22.64	
15	64QAM	1	0	22.66	22.70	22.74	23.7
15	64QAM	1	37	22.72	22.73	22.57	
15	64QAM	1	74	22.76	22.74	22.65	
15	64QAM	36	0	21.71	21.72	21.64	22.7
15	64QAM	36	20	21.70	21.64	21.61	
15	64QAM	36	39	21.61	21.60	21.68	
15	64QAM	75	0	21.74	21.71	21.62	
15	256QAM	1	0	19.74	19.73	19.71	20.7
15	256QAM	1	37	19.64	19.74	19.61	
15	256QAM	1	74	19.63	19.58	19.52	
15	256QAM	36	0	19.61	19.66	19.64	20.7
15	256QAM	36	20	19.63	19.65	19.59	
15	256QAM	36	39	19.50	19.59	19.55	
15	256QAM	75	0	19.61	19.66	19.62	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.62	24.63	24.64	24.9
10	QPSK	1	25	24.52	24.56	24.53	
10	QPSK	1	49	24.43	24.48	24.48	
10	QPSK	25	0	23.78	23.73	23.77	24.7

10	QPSK	25	12	23.57	23.63	23.64	
10	QPSK	25	25	23.62	23.60	23.62	
10	QPSK	50	0	23.60	23.67	23.55	
10	16QAM	1	0	23.69	23.75	23.71	24.7
10	16QAM	1	25	23.74	23.70	23.73	
10	16QAM	1	49	23.74	23.75	23.72	
10	16QAM	25	0	22.76	22.75	22.64	23.7
10	16QAM	25	12	22.60	22.72	22.67	
10	16QAM	25	25	22.67	22.59	22.62	
10	16QAM	50	0	22.67	22.60	22.59	
10	64QAM	1	0	22.70	22.79	22.74	23.7
10	64QAM	1	25	22.76	22.64	22.63	
10	64QAM	1	49	22.75	22.66	22.68	
10	64QAM	25	0	21.73	21.69	21.62	22.7
10	64QAM	25	12	21.63	21.70	21.61	
10	64QAM	25	25	21.56	21.60	21.66	
10	64QAM	50	0	21.67	21.69	21.59	
10	256QAM	1	0	19.76	19.74	19.63	20.7
10	256QAM	1	25	19.73	19.68	19.67	
10	256QAM	1	49	19.63	19.57	19.49	
10	256QAM	25	0	19.69	19.61	19.63	20.7
10	256QAM	25	12	19.64	19.63	19.66	
10	256QAM	25	25	19.57	19.56	19.47	
10	256QAM	50	0	19.65	19.64	19.55	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.62	24.60	24.58	24.9
5	QPSK	1	12	24.60	24.59	24.59	
5	QPSK	1	24	24.50	24.49	24.47	
5	QPSK	12	0	23.75	23.73	23.73	24.7
5	QPSK	12	7	23.57	23.60	23.64	
5	QPSK	12	13	23.61	23.52	23.64	
5	QPSK	25	0	23.65	23.60	23.59	
5	16QAM	1	0	23.68	23.76	23.63	24.7
5	16QAM	1	12	23.69	23.75	23.71	
5	16QAM	1	24	23.68	23.76	23.69	
5	16QAM	12	0	22.68	22.75	22.66	23.7
5	16QAM	12	7	22.62	22.71	22.71	
5	16QAM	12	13	22.68	22.63	22.61	
5	16QAM	25	0	22.74	22.70	22.57	
5	64QAM	1	0	22.68	22.73	22.74	23.7
5	64QAM	1	12	22.74	22.73	22.60	
5	64QAM	1	24	22.68	22.68	22.62	
5	64QAM	12	0	21.77	21.74	21.63	22.7
5	64QAM	12	7	21.72	21.63	21.66	
5	64QAM	12	13	21.66	21.68	21.59	
5	64QAM	25	0	21.68	21.68	21.62	
5	256QAM	1	0	19.72	19.70	19.72	20.7
5	256QAM	1	12	19.69	19.68	19.61	
5	256QAM	1	24	19.58	19.57	19.58	
5	256QAM	12	0	19.68	19.71	19.64	20.7
5	256QAM	12	7	19.66	19.64	19.64	
5	256QAM	12	13	19.60	19.52	19.54	
5	256QAM	25	0	19.60	19.63	19.62	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.65	24.57	24.59	24.9
3	QPSK	1	8	24.56	24.55	24.60	
3	QPSK	1	14	24.45	24.51	24.48	

3	QPSK	8	0	23.75	23.66	23.77	24.7
3	QPSK	8	4	23.65	23.67	23.58	
3	QPSK	8	7	23.61	23.61	23.56	
3	QPSK	15	0	23.59	23.57	23.53	
3	16QAM	1	0	23.68	23.71	23.63	24.7
3	16QAM	1	8	23.67	23.70	23.74	
3	16QAM	1	14	23.71	23.78	23.67	
3	16QAM	8	0	22.75	22.72	22.69	23.7
3	16QAM	8	4	22.60	22.69	22.70	
3	16QAM	8	7	22.69	22.63	22.56	
3	16QAM	15	0	22.67	22.66	22.67	
3	64QAM	1	0	22.67	22.76	22.74	23.7
3	64QAM	1	8	22.71	22.74	22.57	
3	64QAM	1	14	22.74	22.69	22.68	
3	64QAM	8	0	21.77	21.71	21.72	22.7
3	64QAM	8	4	21.67	21.66	21.62	
3	64QAM	8	7	21.66	21.58	21.66	
3	64QAM	15	0	21.75	21.62	21.62	
3	256QAM	1	0	19.69	19.75	19.67	20.7
3	256QAM	1	8	19.71	19.69	19.66	
3	256QAM	1	14	19.62	19.62	19.54	
3	256QAM	8	0	19.68	19.70	19.55	20.7
3	256QAM	8	4	19.61	19.58	19.60	
3	256QAM	8	7	19.51	19.62	19.54	
3	256QAM	15	0	19.60	19.58	19.56	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.65	24.60	24.60	24.9
1.4	QPSK	1	3	24.54	24.58	24.61	
1.4	QPSK	1	5	24.42	24.43	24.43	
1.4	QPSK	3	0	24.64	24.60	24.64	
1.4	QPSK	3	1	24.54	24.58	24.54	
1.4	QPSK	3	3	24.45	24.44	24.39	
1.4	QPSK	6	0	23.74	23.66	23.71	24.7
1.4	16QAM	1	0	23.63	23.72	23.62	24.7
1.4	16QAM	1	3	23.65	23.75	23.76	
1.4	16QAM	1	5	23.74	23.73	23.69	
1.4	16QAM	3	0	23.63	23.71	23.62	
1.4	16QAM	3	1	23.71	23.75	23.77	
1.4	16QAM	3	3	23.76	23.72	23.65	
1.4	16QAM	6	0	22.76	22.71	22.65	23.7
1.4	64QAM	1	0	22.74	22.78	22.73	23.7
1.4	64QAM	1	3	22.73	22.66	22.60	
1.4	64QAM	1	5	22.73	22.70	22.66	
1.4	64QAM	3	0	22.72	22.73	22.74	
1.4	64QAM	3	1	22.76	22.70	22.56	
1.4	64QAM	3	3	22.66	22.75	22.62	
1.4	64QAM	6	0	21.78	21.73	21.68	22.7
1.4	256QAM	1	0	19.74	19.77	19.71	20.7
1.4	256QAM	1	3	19.67	19.67	19.68	
1.4	256QAM	1	5	19.60	19.58	19.56	
1.4	256QAM	3	0	19.71	19.78	19.71	
1.4	256QAM	3	1	19.70	19.73	19.63	
1.4	256QAM	3	3	19.65	19.63	19.53	
1.4	256QAM	6	0	19.63	19.61	19.59	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.07	25.00	25.02	25.7
20	QPSK	1	49	25.01	24.99	25.01	
20	QPSK	1	99	24.92	24.91	24.88	
20	QPSK	50	0	24.20	24.16	24.17	24.7
20	QPSK	50	24	24.06	24.08	24.05	
20	QPSK	50	50	24.06	24.02	24.04	
20	QPSK	100	0	24.05	24.07	24.03	
20	16QAM	1	0	24.13	24.18	24.11	24.7
20	16QAM	1	49	24.15	24.19	24.17	
20	16QAM	1	99	24.17	24.18	24.12	
20	16QAM	50	0	23.18	23.16	23.12	23.7
20	16QAM	50	24	23.09	23.12	23.11	
20	16QAM	50	50	23.09	23.07	23.06	
20	16QAM	100	0	23.14	23.10	23.07	
20	64QAM	1	0	23.16	23.19	23.19	23.7
20	64QAM	1	49	23.20	23.14	23.06	
20	64QAM	1	99	23.16	23.15	23.12	
20	64QAM	50	0	22.18	22.18	22.12	22.7
20	64QAM	50	24	22.12	22.13	22.10	
20	64QAM	50	50	22.06	22.08	22.08	
20	64QAM	100	0	22.15	22.12	22.04	
20	256QAM	1	0	20.17	20.20	20.13	20.7
20	256QAM	1	49	20.14	20.16	20.09	
20	256QAM	1	99	20.08	20.04	19.99	
20	256QAM	50	0	20.10	20.11	20.04	20.7
20	256QAM	50	24	20.06	20.07	20.06	
20	256QAM	50	50	20.00	20.02	19.95	
20	256QAM	100	0	20.10	20.06	20.04	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.98	24.99	25.02	25.7
15	QPSK	1	37	24.92	24.94	24.94	
15	QPSK	1	74	24.89	24.82	24.87	
15	QPSK	36	0	24.16	24.11	24.17	24.7
15	QPSK	36	20	24.01	24.00	24.05	
15	QPSK	36	39	24.00	23.99	23.99	
15	QPSK	75	0	24.02	24.04	23.93	
15	16QAM	1	0	24.04	24.10	24.09	24.7
15	16QAM	1	37	24.06	24.13	24.07	
15	16QAM	1	74	24.11	24.18	24.06	
15	16QAM	36	0	23.11	23.16	23.05	23.7
15	16QAM	36	20	23.03	23.08	23.02	
15	16QAM	36	39	23.07	22.97	23.06	
15	16QAM	75	0	23.14	23.04	23.04	
15	64QAM	1	0	23.06	23.10	23.14	23.7
15	64QAM	1	37	23.12	23.13	22.97	
15	64QAM	1	74	23.16	23.14	23.05	
15	64QAM	36	0	22.11	22.12	22.04	22.7
15	64QAM	36	20	22.10	22.04	22.01	
15	64QAM	36	39	22.01	22.00	22.08	
15	64QAM	75	0	22.14	22.11	22.02	
15	256QAM	1	0	20.14	20.13	20.11	20.7
15	256QAM	1	37	20.04	20.14	20.01	
15	256QAM	1	74	20.03	19.98	19.92	

15	256QAM	36	0	20.01	20.06	20.04	20.7
15	256QAM	36	20	20.03	20.05	19.99	
15	256QAM	36	39	19.90	19.99	19.95	
15	256QAM	75	0	20.01	20.06	20.02	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.02	25.03	25.04	25.7
10	QPSK	1	25	24.92	24.96	24.93	
10	QPSK	1	49	24.83	24.88	24.88	
10	QPSK	25	0	24.18	24.13	24.17	24.7
10	QPSK	25	12	23.97	24.03	24.04	
10	QPSK	25	25	24.02	24.00	24.02	
10	QPSK	50	0	24.00	24.07	23.95	
10	16QAM	1	0	24.09	24.15	24.11	24.7
10	16QAM	1	25	24.14	24.10	24.13	
10	16QAM	1	49	24.14	24.15	24.12	
10	16QAM	25	0	23.16	23.15	23.04	23.7
10	16QAM	25	12	23.00	23.12	23.07	
10	16QAM	25	25	23.07	22.99	23.02	
10	16QAM	50	0	23.07	23.00	22.99	
10	64QAM	1	0	23.10	23.19	23.14	23.7
10	64QAM	1	25	23.16	23.04	23.03	
10	64QAM	1	49	23.15	23.06	23.08	
10	64QAM	25	0	22.13	22.09	22.02	22.7
10	64QAM	25	12	22.03	22.10	22.01	
10	64QAM	25	25	21.96	22.00	22.06	
10	64QAM	50	0	22.07	22.09	21.99	
10	256QAM	1	0	20.16	20.14	20.03	20.7
10	256QAM	1	25	20.13	20.08	20.07	
10	256QAM	1	49	20.03	19.97	19.89	
10	256QAM	25	0	20.09	20.01	20.03	20.7
10	256QAM	25	12	20.04	20.03	20.06	
10	256QAM	25	25	19.97	19.96	19.87	
10	256QAM	50	0	20.05	20.04	19.95	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	25.02	25.00	24.98	25.7
5	QPSK	1	12	25.00	24.99	24.99	
5	QPSK	1	24	24.90	24.89	24.87	
5	QPSK	12	0	24.15	24.13	24.13	24.7
5	QPSK	12	7	23.97	24.00	24.04	
5	QPSK	12	13	24.01	23.92	24.04	
5	QPSK	25	0	24.05	24.00	23.99	
5	16QAM	1	0	24.08	24.16	24.03	24.7
5	16QAM	1	12	24.09	24.15	24.11	
5	16QAM	1	24	24.08	24.16	24.09	
5	16QAM	12	0	23.08	23.15	23.06	23.7
5	16QAM	12	7	23.02	23.11	23.11	
5	16QAM	12	13	23.08	23.03	23.01	
5	16QAM	25	0	23.14	23.10	22.97	
5	64QAM	1	0	23.08	23.13	23.14	23.7
5	64QAM	1	12	23.14	23.13	23.00	
5	64QAM	1	24	23.08	23.08	23.02	
5	64QAM	12	0	22.17	22.14	22.03	22.7
5	64QAM	12	7	22.12	22.03	22.06	
5	64QAM	12	13	22.06	22.08	21.99	
5	64QAM	25	0	22.08	22.08	22.02	
5	256QAM	1	0	20.12	20.10	20.12	20.7
5	256QAM	1	12	20.09	20.08	20.01	

5	256QAM	1	24	19.98	19.97	19.98	
5	256QAM	12	0	20.08	20.11	20.04	20.7
5	256QAM	12	7	20.06	20.04	20.04	
5	256QAM	12	13	20.00	19.92	19.94	
5	256QAM	25	0	20.00	20.03	20.02	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.05	24.97	24.99	25.7
3	QPSK	1	8	24.96	24.95	25.00	
3	QPSK	1	14	24.85	24.91	24.88	
3	QPSK	8	0	24.15	24.06	24.17	24.7
3	QPSK	8	4	24.05	24.07	23.98	
3	QPSK	8	7	24.01	24.01	23.96	
3	QPSK	15	0	23.99	23.97	23.93	
3	16QAM	1	0	24.08	24.11	24.03	24.7
3	16QAM	1	8	24.07	24.10	24.14	
3	16QAM	1	14	24.11	24.18	24.07	
3	16QAM	8	0	23.15	23.12	23.09	23.7
3	16QAM	8	4	23.00	23.09	23.10	
3	16QAM	8	7	23.09	23.03	22.96	
3	16QAM	15	0	23.07	23.06	23.07	
3	64QAM	1	0	23.07	23.16	23.14	23.7
3	64QAM	1	8	23.11	23.14	22.97	
3	64QAM	1	14	23.14	23.09	23.08	
3	64QAM	8	0	22.17	22.11	22.12	22.7
3	64QAM	8	4	22.07	22.06	22.02	
3	64QAM	8	7	22.06	21.98	22.06	
3	64QAM	15	0	22.15	22.02	22.02	
3	256QAM	1	0	20.09	20.15	20.07	20.7
3	256QAM	1	8	20.11	20.09	20.06	
3	256QAM	1	14	20.02	20.02	19.94	
3	256QAM	8	0	20.08	20.10	19.95	20.7
3	256QAM	8	4	20.01	19.98	20.00	
3	256QAM	8	7	19.91	20.02	19.94	
3	256QAM	15	0	20.00	19.98	19.96	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.05	25.00	25.00	25.7
1.4	QPSK	1	3	24.94	24.98	25.01	
1.4	QPSK	1	5	24.82	24.83	24.83	
1.4	QPSK	3	0	25.04	25.00	25.04	
1.4	QPSK	3	1	24.94	24.98	24.94	
1.4	QPSK	3	3	24.85	24.84	24.79	
1.4	QPSK	6	0	24.14	24.06	24.11	24.7
1.4	16QAM	1	0	24.03	24.12	24.02	24.7
1.4	16QAM	1	3	24.05	24.15	24.16	
1.4	16QAM	1	5	24.14	24.13	24.09	
1.4	16QAM	3	0	24.03	24.11	24.02	
1.4	16QAM	3	1	24.11	24.15	24.17	
1.4	16QAM	3	3	24.16	24.12	24.05	
1.4	16QAM	6	0	23.16	23.11	23.05	23.7
1.4	64QAM	1	0	23.14	23.18	23.13	23.7
1.4	64QAM	1	3	23.13	23.06	23.00	
1.4	64QAM	1	5	23.13	23.10	23.06	
1.4	64QAM	3	0	23.12	23.13	23.14	
1.4	64QAM	3	1	23.16	23.10	22.96	
1.4	64QAM	3	3	23.06	23.15	23.02	
1.4	64QAM	6	0	22.18	22.13	22.08	22.7
1.4	256QAM	1	0	20.14	20.17	20.11	20.7

1.4	256QAM	1	3	20.07	20.07	20.08	
1.4	256QAM	1	5	20.00	19.98	19.96	
1.4	256QAM	3	0	20.11	20.18	20.11	
1.4	256QAM	3	1	20.10	20.13	20.03	
1.4	256QAM	3	3	20.05	20.03	19.93	
1.4	256QAM	6	0	20.03	20.01	19.99	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.04	17.20	17.03	18.5
20	QPSK	1	49	16.65	16.87	16.65	
20	QPSK	1	99	16.76	16.93	16.76	
20	QPSK	50	0	16.71	16.97	16.78	18.5
20	QPSK	50	24	16.65	16.84	16.60	
20	QPSK	50	50	16.52	16.74	16.51	
20	QPSK	100	0	16.52	16.71	16.54	
20	16QAM	1	0	16.87	17.10	16.88	18.5
20	16QAM	1	49	16.93	17.13	16.87	
20	16QAM	1	99	16.74	16.97	16.80	
20	16QAM	50	0	16.73	16.94	16.77	18.5
20	16QAM	50	24	16.65	16.82	16.60	
20	16QAM	50	50	16.57	16.76	16.53	
20	16QAM	100	0	16.62	16.88	16.61	
20	64QAM	1	0	16.97	17.17	16.94	18.5
20	64QAM	1	49	16.76	16.92	16.65	
20	64QAM	1	99	16.79	16.99	16.77	
20	64QAM	50	0	16.75	16.98	16.73	18.5
20	64QAM	50	24	16.60	16.85	16.68	
20	64QAM	50	50	16.56	16.79	16.60	
20	64QAM	100	0	16.60	16.84	16.59	
20	256QAM	1	0	16.79	17.03	16.82	18.5
20	256QAM	1	49	16.64	16.83	16.63	
20	256QAM	1	99	16.57	16.83	16.64	
20	256QAM	50	0	16.68	16.85	16.68	18.5
20	256QAM	50	24	16.74	16.91	16.64	
20	256QAM	50	50	16.59	16.84	16.67	
20	256QAM	100	0	16.67	16.85	16.64	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.95	17.14	16.90	18.5
15	QPSK	1	37	16.57	16.84	16.65	
15	QPSK	1	74	16.63	16.93	16.62	
15	QPSK	36	0	16.52	16.84	16.62	18.5
15	QPSK	36	20	16.55	16.71	16.55	
15	QPSK	36	39	16.56	16.70	16.58	
15	QPSK	75	0	16.50	16.58	16.65	
15	16QAM	1	0	16.72	17.00	16.77	18.5
15	16QAM	1	37	16.83	17.06	16.82	
15	16QAM	1	74	16.56	16.93	16.70	
15	16QAM	36	0	16.67	16.83	16.58	18.5
15	16QAM	36	20	16.58	16.75	16.54	
15	16QAM	36	39	16.67	16.66	16.57	
15	16QAM	75	0	16.58	16.69	16.55	
15	64QAM	1	0	16.91	17.17	16.86	18.5
15	64QAM	1	37	16.64	16.89	16.68	
15	64QAM	1	74	16.68	16.92	16.59	

15	64QAM	36	0	16.71	16.87	16.62	18.5
15	64QAM	36	20	16.61	16.79	16.64	
15	64QAM	36	39	16.69	16.70	16.53	
15	64QAM	75	0	16.61	16.82	16.53	
15	256QAM	1	0	16.73	17.00	16.69	18.5
15	256QAM	1	37	16.69	16.78	16.60	
15	256QAM	1	74	16.52	16.81	16.64	
15	256QAM	36	0	16.68	16.68	16.57	18.5
15	256QAM	36	20	16.74	16.90	16.57	
15	256QAM	36	39	16.62	16.83	16.50	
15	256QAM	75	0	16.60	16.73	16.59	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.86	17.13	16.86	18.5
10	QPSK	1	25	16.54	16.86	16.58	
10	QPSK	1	49	16.65	16.74	16.59	
10	QPSK	25	0	16.60	16.87	16.64	18.5
10	QPSK	25	12	16.62	16.74	16.66	
10	QPSK	25	25	16.69	16.66	16.53	
10	QPSK	50	0	16.65	16.69	16.54	
10	16QAM	1	0	16.80	16.98	16.72	18.5
10	16QAM	1	25	16.92	17.01	16.78	
10	16QAM	1	49	16.62	16.91	16.76	
10	16QAM	25	0	16.71	16.90	16.69	18.5
10	16QAM	25	12	16.54	16.63	16.54	
10	16QAM	25	25	16.65	16.68	16.64	
10	16QAM	50	0	16.63	16.79	16.66	
10	64QAM	1	0	16.91	17.04	16.78	18.5
10	64QAM	1	25	16.58	16.86	16.50	
10	64QAM	1	49	16.59	16.80	16.75	
10	64QAM	25	0	16.60	16.93	16.54	18.5
10	64QAM	25	12	16.54	16.79	16.65	
10	64QAM	25	25	16.52	16.64	16.56	
10	64QAM	50	0	16.55	16.74	16.50	
10	256QAM	1	0	16.78	16.92	16.82	18.5
10	256QAM	1	25	16.63	16.75	16.52	
10	256QAM	1	49	16.50	16.72	16.53	
10	256QAM	25	0	16.52	16.65	16.69	18.5
10	256QAM	25	12	16.69	16.73	16.56	
10	256QAM	25	25	16.65	16.81	16.66	
10	256QAM	50	0	16.69	16.83	16.69	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.95	17.13	16.91	18.5
5	QPSK	1	12	16.68	16.82	16.55	
5	QPSK	1	24	16.76	16.77	16.62	
5	QPSK	12	0	16.59	16.96	16.76	18.5
5	QPSK	12	7	16.57	16.65	16.56	
5	QPSK	12	13	16.57	16.55	16.64	
5	QPSK	25	0	16.60	16.60	16.67	
5	16QAM	1	0	16.81	17.10	16.88	18.5
5	16QAM	1	12	16.81	17.11	16.84	
5	16QAM	1	24	16.66	16.93	16.72	
5	16QAM	12	0	16.70	16.79	16.60	18.5
5	16QAM	12	7	16.66	16.71	16.54	
5	16QAM	12	13	16.61	16.59	16.65	
5	16QAM	25	0	16.51	16.88	16.67	
5	64QAM	1	0	16.90	17.12	16.79	18.5
5	64QAM	1	12	16.73	16.91	16.54	

5	64QAM	1	24	16.62	16.94	16.68	
5	64QAM	12	0	16.73	16.78	16.58	18.5
5	64QAM	12	7	16.54	16.79	16.62	
5	64QAM	12	13	16.66	16.69	16.52	
5	64QAM	25	0	16.52	16.66	16.67	
5	256QAM	1	0	16.69	17.01	16.63	18.5
5	256QAM	1	12	16.53	16.65	16.69	
5	256QAM	1	24	16.68	16.83	16.56	
5	256QAM	12	0	16.60	16.78	16.56	18.5
5	256QAM	12	7	16.60	16.78	16.62	
5	256QAM	12	13	16.57	16.83	16.67	
5	256QAM	25	0	16.56	16.73	16.64	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.86	17.15	17.03	18.5
3	QPSK	1	8	16.51	16.83	16.67	
3	QPSK	1	14	16.60	16.84	16.65	
3	QPSK	8	0	16.65	16.97	16.67	18.5
3	QPSK	8	4	16.54	16.65	16.69	
3	QPSK	8	7	16.53	16.62	16.62	
3	QPSK	15	0	16.63	16.53	16.68	
3	16QAM	1	0	16.81	16.90	16.74	18.5
3	16QAM	1	8	16.88	16.97	16.74	
3	16QAM	1	14	16.56	16.87	16.74	
3	16QAM	8	0	16.60	16.89	16.75	18.5
3	16QAM	8	4	16.55	16.68	16.56	
3	16QAM	8	7	16.58	16.58	16.68	
3	16QAM	15	0	16.56	16.74	16.51	
3	64QAM	1	0	16.90	17.03	16.94	18.5
3	64QAM	1	8	16.58	16.73	16.59	
3	64QAM	1	14	16.74	16.85	16.66	
3	64QAM	8	0	16.62	16.78	16.71	18.5
3	64QAM	8	4	16.67	16.83	16.65	
3	64QAM	8	7	16.61	16.73	16.56	
3	64QAM	15	0	16.60	16.67	16.63	
3	256QAM	1	0	16.79	16.88	16.66	18.5
3	256QAM	1	8	16.68	16.83	16.54	
3	256QAM	1	14	16.55	16.75	16.63	
3	256QAM	8	0	16.59	16.79	16.69	18.5
3	256QAM	8	4	16.69	16.78	16.56	
3	256QAM	8	7	16.51	16.84	16.67	
3	256QAM	15	0	16.68	16.71	16.59	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.01	17.03	16.94	18.5
1.4	QPSK	1	3	16.66	16.76	16.69	
1.4	QPSK	1	5	16.64	16.73	16.76	
1.4	QPSK	3	0	16.66	16.89	16.67	
1.4	QPSK	3	1	16.65	16.83	16.58	
1.4	QPSK	3	3	16.66	16.74	16.54	
1.4	QPSK	6	0	16.67	16.68	16.55	18.5
1.4	16QAM	1	0	16.82	17.01	16.85	18.5
1.4	16QAM	1	3	16.77	16.96	16.74	
1.4	16QAM	1	5	16.62	16.90	16.62	
1.4	16QAM	3	0	16.55	16.79	16.77	
1.4	16QAM	3	1	16.62	16.77	16.56	
1.4	16QAM	3	3	16.57	16.58	16.50	
1.4	16QAM	6	0	16.69	16.88	16.59	18.5
1.4	64QAM	1	0	16.91	17.12	16.93	18.5

1.4	64QAM	1	3	16.75	16.77	16.69	
1.4	64QAM	1	5	16.78	16.95	16.61	
1.4	64QAM	3	0	16.62	16.87	16.67	
1.4	64QAM	3	1	16.62	16.79	16.57	
1.4	64QAM	3	3	16.63	16.64	16.67	
1.4	64QAM	6	0	16.50	16.70	16.69	18.5
1.4	256QAM	1	0	16.59	16.83	16.80	18.5
1.4	256QAM	1	3	16.58	16.77	16.63	
1.4	256QAM	1	5	16.62	16.81	16.66	
1.4	256QAM	3	0	16.68	16.66	16.63	
1.4	256QAM	3	1	16.57	16.83	16.67	
1.4	256QAM	3	3	16.64	16.77	16.67	
1.4	256QAM	6	0	16.51	16.73	16.65	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.04	17.20	17.03	17.7
20	QPSK	1	49	16.65	16.87	16.65	
20	QPSK	1	99	16.76	16.93	16.76	
20	QPSK	50	0	16.71	16.97	16.78	17.7
20	QPSK	50	24	16.65	16.84	16.60	
20	QPSK	50	50	16.52	16.74	16.51	
20	QPSK	100	0	16.52	16.71	16.54	
20	16QAM	1	0	16.87	17.10	16.88	17.7
20	16QAM	1	49	16.93	17.13	16.87	
20	16QAM	1	99	16.74	16.97	16.80	
20	16QAM	50	0	16.73	16.94	16.77	17.7
20	16QAM	50	24	16.65	16.82	16.60	
20	16QAM	50	50	16.57	16.76	16.53	
20	16QAM	100	0	16.62	16.88	16.61	
20	64QAM	1	0	16.97	17.17	16.94	17.7
20	64QAM	1	49	16.76	16.92	16.65	
20	64QAM	1	99	16.79	16.99	16.77	
20	64QAM	50	0	16.75	16.98	16.73	17.7
20	64QAM	50	24	16.60	16.85	16.68	
20	64QAM	50	50	16.56	16.79	16.60	
20	64QAM	100	0	16.60	16.84	16.59	
20	256QAM	1	0	16.79	17.03	16.82	17.7
20	256QAM	1	49	16.64	16.83	16.63	
20	256QAM	1	99	16.57	16.83	16.64	
20	256QAM	50	0	16.68	16.85	16.68	17.7
20	256QAM	50	24	16.74	16.91	16.64	
20	256QAM	50	50	16.59	16.84	16.67	
20	256QAM	100	0	16.67	16.85	16.64	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.95	17.14	16.90	17.7
15	QPSK	1	37	16.57	16.84	16.65	
15	QPSK	1	74	16.63	16.93	16.62	
15	QPSK	36	0	16.52	16.84	16.62	17.7
15	QPSK	36	20	16.55	16.71	16.55	
15	QPSK	36	39	16.56	16.70	16.58	
15	QPSK	75	0	16.50	16.58	16.65	
15	16QAM	1	0	16.72	17.00	16.77	17.7
15	16QAM	1	37	16.83	17.06	16.82	
15	16QAM	1	74	16.56	16.93	16.70	

15	16QAM	36	0	16.67	16.83	16.58	17.7
15	16QAM	36	20	16.58	16.75	16.54	
15	16QAM	36	39	16.67	16.66	16.57	
15	16QAM	75	0	16.58	16.69	16.55	
15	64QAM	1	0	16.91	17.17	16.86	17.7
15	64QAM	1	37	16.64	16.89	16.68	
15	64QAM	1	74	16.68	16.92	16.59	
15	64QAM	36	0	16.71	16.87	16.62	17.7
15	64QAM	36	20	16.61	16.79	16.64	
15	64QAM	36	39	16.69	16.70	16.53	
15	64QAM	75	0	16.61	16.82	16.53	
15	256QAM	1	0	16.73	17.00	16.69	17.7
15	256QAM	1	37	16.69	16.78	16.60	
15	256QAM	1	74	16.52	16.81	16.64	
15	256QAM	36	0	16.68	16.68	16.57	17.7
15	256QAM	36	20	16.74	16.90	16.57	
15	256QAM	36	39	16.62	16.83	16.50	
15	256QAM	75	0	16.60	16.73	16.59	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.86	17.13	16.86	17.7
10	QPSK	1	25	16.54	16.86	16.58	
10	QPSK	1	49	16.65	16.74	16.59	
10	QPSK	25	0	16.60	16.87	16.64	17.7
10	QPSK	25	12	16.62	16.74	16.66	
10	QPSK	25	25	16.69	16.66	16.53	
10	QPSK	50	0	16.65	16.69	16.54	
10	16QAM	1	0	16.80	16.98	16.72	17.7
10	16QAM	1	25	16.92	17.01	16.78	
10	16QAM	1	49	16.62	16.91	16.76	
10	16QAM	25	0	16.71	16.90	16.69	17.7
10	16QAM	25	12	16.54	16.63	16.54	
10	16QAM	25	25	16.65	16.68	16.64	
10	16QAM	50	0	16.63	16.79	16.66	
10	64QAM	1	0	16.91	17.04	16.78	17.7
10	64QAM	1	25	16.58	16.86	16.50	
10	64QAM	1	49	16.59	16.80	16.75	
10	64QAM	25	0	16.60	16.93	16.54	17.7
10	64QAM	25	12	16.54	16.79	16.65	
10	64QAM	25	25	16.52	16.64	16.56	
10	64QAM	50	0	16.55	16.74	16.50	
10	256QAM	1	0	16.78	16.92	16.82	17.7
10	256QAM	1	25	16.63	16.75	16.52	
10	256QAM	1	49	16.50	16.72	16.53	
10	256QAM	25	0	16.52	16.65	16.69	17.7
10	256QAM	25	12	16.69	16.73	16.56	
10	256QAM	25	25	16.65	16.81	16.66	
10	256QAM	50	0	16.69	16.83	16.69	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.95	17.13	16.91	17.7
5	QPSK	1	12	16.68	16.82	16.55	
5	QPSK	1	24	16.76	16.77	16.62	
5	QPSK	12	0	16.59	16.96	16.76	17.7
5	QPSK	12	7	16.57	16.65	16.56	
5	QPSK	12	13	16.57	16.55	16.64	
5	QPSK	25	0	16.60	16.60	16.67	
5	16QAM	1	0	16.81	17.10	16.88	17.7
5	16QAM	1	12	16.81	17.11	16.84	

5	16QAM	1	24	16.66	16.93	16.72	
5	16QAM	12	0	16.70	16.79	16.60	17.7
5	16QAM	12	7	16.66	16.71	16.54	
5	16QAM	12	13	16.61	16.59	16.65	
5	16QAM	25	0	16.51	16.88	16.67	
5	64QAM	1	0	16.90	17.12	16.79	17.7
5	64QAM	1	12	16.73	16.91	16.54	
5	64QAM	1	24	16.62	16.94	16.68	
5	64QAM	12	0	16.73	16.78	16.58	17.7
5	64QAM	12	7	16.54	16.79	16.62	
5	64QAM	12	13	16.66	16.69	16.52	
5	64QAM	25	0	16.52	16.66	16.67	
5	256QAM	1	0	16.69	17.01	16.63	17.7
5	256QAM	1	12	16.53	16.65	16.69	
5	256QAM	1	24	16.68	16.83	16.56	
5	256QAM	12	0	16.60	16.78	16.56	17.7
5	256QAM	12	7	16.60	16.78	16.62	
5	256QAM	12	13	16.57	16.83	16.67	
5	256QAM	25	0	16.56	16.73	16.64	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.86	17.15	17.03	17.7
3	QPSK	1	8	16.51	16.83	16.67	
3	QPSK	1	14	16.60	16.84	16.65	
3	QPSK	8	0	16.65	16.97	16.67	17.7
3	QPSK	8	4	16.54	16.65	16.69	
3	QPSK	8	7	16.53	16.62	16.62	
3	QPSK	15	0	16.63	16.53	16.68	
3	16QAM	1	0	16.81	16.90	16.74	17.7
3	16QAM	1	8	16.88	16.97	16.74	
3	16QAM	1	14	16.56	16.87	16.74	
3	16QAM	8	0	16.60	16.89	16.75	17.7
3	16QAM	8	4	16.55	16.68	16.56	
3	16QAM	8	7	16.58	16.58	16.68	
3	16QAM	15	0	16.56	16.74	16.51	
3	64QAM	1	0	16.90	17.03	16.94	17.7
3	64QAM	1	8	16.58	16.73	16.59	
3	64QAM	1	14	16.74	16.85	16.66	
3	64QAM	8	0	16.62	16.78	16.71	17.7
3	64QAM	8	4	16.67	16.83	16.65	
3	64QAM	8	7	16.61	16.73	16.56	
3	64QAM	15	0	16.60	16.67	16.63	
3	256QAM	1	0	16.79	16.88	16.66	17.7
3	256QAM	1	8	16.68	16.83	16.54	
3	256QAM	1	14	16.55	16.75	16.63	
3	256QAM	8	0	16.59	16.79	16.69	17.7
3	256QAM	8	4	16.69	16.78	16.56	
3	256QAM	8	7	16.51	16.84	16.67	
3	256QAM	15	0	16.68	16.71	16.59	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.01	17.03	16.94	17.7
1.4	QPSK	1	3	16.66	16.76	16.69	
1.4	QPSK	1	5	16.64	16.73	16.76	
1.4	QPSK	3	0	16.66	16.89	16.67	
1.4	QPSK	3	1	16.65	16.83	16.58	
1.4	QPSK	3	3	16.66	16.74	16.54	
1.4	QPSK	6	0	16.67	16.68	16.55	17.7
1.4	16QAM	1	0	16.82	17.01	16.85	17.7

1.4	16QAM	1	3	16.77	16.96	16.74	
1.4	16QAM	1	5	16.62	16.90	16.62	
1.4	16QAM	3	0	16.55	16.79	16.77	
1.4	16QAM	3	1	16.62	16.77	16.56	
1.4	16QAM	3	3	16.57	16.58	16.50	
1.4	16QAM	6	0	16.69	16.88	16.59	17.7
1.4	64QAM	1	0	16.91	17.12	16.93	17.7
1.4	64QAM	1	3	16.75	16.77	16.69	
1.4	64QAM	1	5	16.78	16.95	16.61	
1.4	64QAM	3	0	16.62	16.87	16.67	
1.4	64QAM	3	1	16.62	16.79	16.57	
1.4	64QAM	3	3	16.63	16.64	16.67	
1.4	64QAM	6	0	16.50	16.70	16.69	17.7
1.4	256QAM	1	0	16.59	16.83	16.80	17.7
1.4	256QAM	1	3	16.58	16.77	16.63	
1.4	256QAM	1	5	16.62	16.81	16.66	
1.4	256QAM	3	0	16.68	16.66	16.63	
1.4	256QAM	3	1	16.57	16.83	16.67	
1.4	256QAM	3	3	16.64	16.77	16.67	
1.4	256QAM	6	0	16.51	16.73	16.65	17.7

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.59	21.52	21.57	22.4
20	QPSK	1	49	21.38	21.41	21.44	
20	QPSK	1	99	21.41	21.40	21.38	
20	QPSK	50	0	21.34	21.31	21.36	22.4
20	QPSK	50	24	21.21	21.36	21.31	
20	QPSK	50	50	21.34	21.29	21.26	
20	QPSK	100	0	21.33	21.34	21.38	
20	16QAM	1	0	21.56	21.58	21.55	22.4
20	16QAM	1	49	21.42	21.40	21.35	
20	16QAM	1	99	21.38	21.40	21.43	
20	16QAM	50	0	21.33	21.31	21.27	22.4
20	16QAM	50	24	21.44	21.39	21.37	
20	16QAM	50	50	21.34	21.33	21.29	
20	16QAM	100	0	21.30	21.25	21.30	
20	64QAM	1	0	21.49	21.47	21.43	22.4
20	64QAM	1	49	21.49	21.42	21.43	
20	64QAM	1	99	21.41	21.38	21.39	
20	64QAM	50	0	21.32	21.27	21.27	22.4
20	64QAM	50	24	21.22	21.24	21.28	
20	64QAM	50	50	21.37	21.31	21.29	
20	64QAM	100	0	21.47	21.41	21.46	
20	256QAM	1	0	20.53	20.48	20.52	20.7
20	256QAM	1	49	20.24	20.26	20.30	
20	256QAM	1	99	20.33	20.32	20.29	
20	256QAM	50	0	20.29	20.29	20.31	20.7
20	256QAM	50	24	20.28	20.25	20.28	
20	256QAM	50	50	20.27	20.25	20.22	
20	256QAM	100	0	20.43	20.41	20.41	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.41	21.36	21.38	22.4
15	QPSK	1	37	21.36	21.33	21.44	
15	QPSK	1	74	21.35	21.24	21.27	

15	QPSK	36	0	21.34	21.36	21.30	22.4
15	QPSK	36	20	21.32	21.33	21.21	
15	QPSK	36	39	21.29	21.25	21.24	
15	QPSK	75	0	21.27	21.29	21.26	
15	16QAM	1	0	21.54	21.39	21.44	22.4
15	16QAM	1	37	21.31	21.39	21.25	
15	16QAM	1	74	21.22	21.40	21.37	
15	16QAM	36	0	21.32	21.21	21.25	22.4
15	16QAM	36	20	21.25	21.26	21.24	
15	16QAM	36	39	21.22	21.25	21.24	
15	16QAM	75	0	21.23	21.23	21.20	
15	64QAM	1	0	21.40	21.29	21.24	22.4
15	64QAM	1	37	21.41	21.23	21.23	
15	64QAM	1	74	21.28	21.28	21.29	
15	64QAM	36	0	21.19	21.17	21.12	22.4
15	64QAM	36	20	21.03	21.24	21.21	
15	64QAM	36	39	21.35	21.29	21.17	
15	64QAM	75	0	21.34	21.33	21.32	
15	256QAM	1	0	20.37	20.48	20.40	20.7
15	256QAM	1	37	20.19	20.12	20.24	
15	256QAM	1	74	20.24	20.25	20.27	
15	256QAM	36	0	20.23	20.16	20.23	20.7
15	256QAM	36	20	20.27	20.16	20.22	
15	256QAM	36	39	20.22	20.09	20.09	
15	256QAM	75	0	20.42	20.30	20.39	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.57	21.34	21.41	22.4
10	QPSK	1	25	21.36	21.28	21.37	
10	QPSK	1	49	21.38	21.25	21.36	
10	QPSK	25	0	21.23	21.33	21.29	22.4
10	QPSK	25	12	21.29	21.35	21.29	
10	QPSK	25	25	21.27	21.28	21.21	
10	QPSK	50	0	21.23	21.20	21.25	
10	16QAM	1	0	21.40	21.49	21.35	22.4
10	16QAM	1	25	21.40	21.28	21.27	
10	16QAM	1	49	21.27	21.23	21.25	
10	16QAM	25	0	21.23	21.26	21.20	22.4
10	16QAM	25	12	21.25	21.21	21.37	
10	16QAM	25	25	21.22	21.25	21.34	
10	16QAM	50	0	21.26	21.20	21.31	
10	64QAM	1	0	21.38	21.32	21.30	22.4
10	64QAM	1	25	21.37	21.35	21.31	
10	64QAM	1	49	21.39	21.38	21.20	
10	64QAM	25	0	21.18	21.07	21.20	22.4
10	64QAM	25	12	21.16	21.10	21.17	
10	64QAM	25	25	21.26	21.30	21.26	
10	64QAM	50	0	21.35	21.26	21.35	
10	256QAM	1	0	20.51	20.39	20.37	20.7
10	256QAM	1	25	20.23	20.09	20.13	
10	256QAM	1	49	20.20	20.23	20.11	
10	256QAM	25	0	20.12	20.09	20.11	20.7
10	256QAM	25	12	20.08	20.06	20.17	
10	256QAM	25	25	20.27	20.10	20.21	
10	256QAM	50	0	20.33	20.23	20.38	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.58	21.34	21.56	22.4
5	QPSK	1	12	21.32	21.26	21.33	

5	QPSK	1	24	21.33	21.39	21.38	
5	QPSK	12	0	21.37	21.31	21.32	22.4
5	QPSK	12	7	21.28	21.24	21.26	
5	QPSK	12	13	21.26	21.27	21.24	
5	QPSK	25	0	21.22	21.22	21.24	
5	16QAM	1	0	21.52	21.41	21.38	22.4
5	16QAM	1	12	21.32	21.28	21.24	
5	16QAM	1	24	21.36	21.34	21.35	
5	16QAM	12	0	21.30	21.31	21.37	22.4
5	16QAM	12	7	21.39	21.27	21.27	
5	16QAM	12	13	21.21	21.27	21.24	
5	16QAM	25	0	21.27	21.20	21.24	
5	64QAM	1	0	21.41	21.31	21.23	22.4
5	64QAM	1	12	21.43	21.42	21.37	
5	64QAM	1	24	21.38	21.23	21.39	
5	64QAM	12	0	21.24	21.18	21.20	22.4
5	64QAM	12	7	21.17	21.09	21.18	
5	64QAM	12	13	21.37	21.24	21.23	
5	64QAM	25	0	21.30	21.27	21.38	
5	256QAM	1	0	20.52	20.34	20.33	20.7
5	256QAM	1	12	20.12	20.20	20.24	
5	256QAM	1	24	20.13	20.22	20.10	
5	256QAM	12	0	20.12	20.19	20.12	20.7
5	256QAM	12	7	20.11	20.13	20.13	
5	256QAM	12	13	20.21	20.24	20.17	
5	256QAM	25	0	20.26	20.28	20.25	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.55	21.52	21.40	22.4
3	QPSK	1	8	21.32	21.30	21.24	
3	QPSK	1	14	21.32	21.28	21.38	
3	QPSK	8	0	21.27	21.25	21.37	22.4
3	QPSK	8	4	21.20	21.28	21.26	
3	QPSK	8	7	21.26	21.23	21.26	
3	QPSK	15	0	21.23	21.26	21.30	
3	16QAM	1	0	21.53	21.48	21.51	22.4
3	16QAM	1	8	21.37	21.37	21.27	
3	16QAM	1	14	21.33	21.25	21.27	
3	16QAM	8	0	21.20	21.30	21.30	22.4
3	16QAM	8	4	21.36	21.39	21.23	
3	16QAM	8	7	21.31	21.32	21.27	
3	16QAM	15	0	21.39	21.27	21.31	
3	64QAM	1	0	21.38	21.44	21.34	22.4
3	64QAM	1	8	21.38	21.29	21.35	
3	64QAM	1	14	21.29	21.33	21.39	
3	64QAM	8	0	21.24	21.16	21.20	22.4
3	64QAM	8	4	21.15	21.20	21.20	
3	64QAM	8	7	21.30	21.29	21.26	
3	64QAM	15	0	21.47	21.24	21.34	
3	256QAM	1	0	20.50	20.40	20.33	20.7
3	256QAM	1	8	20.24	20.23	20.14	
3	256QAM	1	14	20.29	20.19	20.09	
3	256QAM	8	0	20.14	20.23	20.28	20.7
3	256QAM	8	4	20.13	20.19	20.12	
3	256QAM	8	7	20.18	20.20	20.04	
3	256QAM	15	0	20.28	20.25	20.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.58	21.36	21.44	22.4

1.4	QPSK	1	3	21.36	21.24	21.36	
1.4	QPSK	1	5	21.26	21.34	21.21	
1.4	QPSK	3	0	21.26	21.23	21.29	
1.4	QPSK	3	1	21.22	21.29	21.20	
1.4	QPSK	3	3	21.29	21.24	21.26	
1.4	QPSK	6	0	21.26	21.28	21.24	22.4
1.4	16QAM	1	0	21.40	21.52	21.51	22.4
1.4	16QAM	1	3	21.42	21.23	21.21	
1.4	16QAM	1	5	21.28	21.39	21.26	
1.4	16QAM	3	0	21.30	21.29	21.22	
1.4	16QAM	3	1	21.26	21.20	21.30	
1.4	16QAM	3	3	21.28	21.26	21.24	
1.4	16QAM	6	0	21.29	21.28	21.20	22.4
1.4	64QAM	1	0	21.46	21.34	21.31	22.4
1.4	64QAM	1	3	21.37	21.30	21.31	
1.4	64QAM	1	5	21.28	21.26	21.29	
1.4	64QAM	3	0	21.20	21.28	21.34	
1.4	64QAM	3	1	21.23	21.26	21.29	
1.4	64QAM	3	3	21.20	21.24	21.24	
1.4	64QAM	6	0	21.35	21.34	21.46	22.4
1.4	256QAM	1	0	20.47	20.40	20.43	20.7
1.4	256QAM	1	3	20.15	20.18	20.12	
1.4	256QAM	1	5	20.33	20.31	20.27	
1.4	256QAM	3	0	20.18	20.13	20.19	
1.4	256QAM	3	1	20.12	20.10	20.25	
1.4	256QAM	3	3	20.11	20.11	20.14	
1.4	256QAM	6	0	20.26	20.22	20.37	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.59	21.52	21.57	23.2
20	QPSK	1	49	21.38	21.41	21.44	
20	QPSK	1	99	21.41	21.40	21.38	
20	QPSK	50	0	21.34	21.31	21.36	23.2
20	QPSK	50	24	21.21	21.36	21.31	
20	QPSK	50	50	21.34	21.29	21.26	
20	QPSK	100	0	21.33	21.34	21.38	
20	16QAM	1	0	21.56	21.58	21.55	23.2
20	16QAM	1	49	21.42	21.40	21.35	
20	16QAM	1	99	21.38	21.40	21.43	
20	16QAM	50	0	21.33	21.31	21.27	23.2
20	16QAM	50	24	21.44	21.39	21.37	
20	16QAM	50	50	21.34	21.33	21.29	
20	16QAM	100	0	21.30	21.25	21.30	
20	64QAM	1	0	21.49	21.47	21.43	23.2
20	64QAM	1	49	21.49	21.42	21.43	
20	64QAM	1	99	21.41	21.38	21.39	
20	64QAM	50	0	21.32	21.27	21.27	22.7
20	64QAM	50	24	21.22	21.24	21.28	
20	64QAM	50	50	21.37	21.31	21.29	
20	64QAM	100	0	21.47	21.41	21.46	
20	256QAM	1	0	20.53	20.48	20.52	20.7
20	256QAM	1	49	20.24	20.26	20.30	
20	256QAM	1	99	20.33	20.32	20.29	
20	256QAM	50	0	20.29	20.29	20.31	20.7
20	256QAM	50	24	20.28	20.25	20.28	

20	256QAM	50	50	20.27	20.25	20.22	
20	256QAM	100	0	20.43	20.41	20.41	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.41	21.36	21.38	23.2
15	QPSK	1	37	21.36	21.33	21.44	
15	QPSK	1	74	21.35	21.24	21.27	
15	QPSK	36	0	21.34	21.36	21.30	23.2
15	QPSK	36	20	21.32	21.33	21.21	
15	QPSK	36	39	21.29	21.25	21.24	
15	QPSK	75	0	21.27	21.29	21.26	
15	16QAM	1	0	21.54	21.39	21.44	23.2
15	16QAM	1	37	21.31	21.39	21.25	
15	16QAM	1	74	21.22	21.40	21.37	
15	16QAM	36	0	21.32	21.21	21.25	23.2
15	16QAM	36	20	21.25	21.26	21.24	
15	16QAM	36	39	21.22	21.25	21.24	
15	16QAM	75	0	21.23	21.23	21.20	
15	64QAM	1	0	21.40	21.29	21.24	23.2
15	64QAM	1	37	21.41	21.23	21.23	
15	64QAM	1	74	21.28	21.28	21.29	
15	64QAM	36	0	21.19	21.17	21.12	22.7
15	64QAM	36	20	21.03	21.24	21.21	
15	64QAM	36	39	21.35	21.29	21.17	
15	64QAM	75	0	21.34	21.33	21.32	
15	256QAM	1	0	20.37	20.48	20.40	20.7
15	256QAM	1	37	20.19	20.12	20.24	
15	256QAM	1	74	20.24	20.25	20.27	
15	256QAM	36	0	20.23	20.16	20.23	20.7
15	256QAM	36	20	20.27	20.16	20.22	
15	256QAM	36	39	20.22	20.09	20.09	
15	256QAM	75	0	20.42	20.30	20.39	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.57	21.34	21.41	23.2
10	QPSK	1	25	21.36	21.28	21.37	
10	QPSK	1	49	21.38	21.25	21.36	
10	QPSK	25	0	21.23	21.33	21.29	23.2
10	QPSK	25	12	21.29	21.35	21.29	
10	QPSK	25	25	21.27	21.28	21.21	
10	QPSK	50	0	21.23	21.20	21.25	
10	16QAM	1	0	21.40	21.49	21.35	23.2
10	16QAM	1	25	21.40	21.28	21.27	
10	16QAM	1	49	21.27	21.23	21.25	
10	16QAM	25	0	21.23	21.26	21.20	23.2
10	16QAM	25	12	21.25	21.21	21.37	
10	16QAM	25	25	21.22	21.25	21.34	
10	16QAM	50	0	21.26	21.20	21.31	
10	64QAM	1	0	21.38	21.32	21.30	23.2
10	64QAM	1	25	21.37	21.35	21.31	
10	64QAM	1	49	21.39	21.38	21.20	
10	64QAM	25	0	21.18	21.07	21.20	22.7
10	64QAM	25	12	21.16	21.10	21.17	
10	64QAM	25	25	21.26	21.30	21.26	
10	64QAM	50	0	21.35	21.26	21.35	
10	256QAM	1	0	20.51	20.39	20.37	20.7
10	256QAM	1	25	20.23	20.09	20.13	
10	256QAM	1	49	20.20	20.23	20.11	
10	256QAM	25	0	20.12	20.09	20.11	20.7

10	256QAM	25	12	20.08	20.06	20.17	
10	256QAM	25	25	20.27	20.10	20.21	
10	256QAM	50	0	20.33	20.23	20.38	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.58	21.34	21.56	23.2
5	QPSK	1	12	21.32	21.26	21.33	
5	QPSK	1	24	21.33	21.39	21.38	
5	QPSK	12	0	21.37	21.31	21.32	23.2
5	QPSK	12	7	21.28	21.24	21.26	
5	QPSK	12	13	21.26	21.27	21.24	
5	QPSK	25	0	21.22	21.22	21.24	
5	16QAM	1	0	21.52	21.41	21.38	23.2
5	16QAM	1	12	21.32	21.28	21.24	
5	16QAM	1	24	21.36	21.34	21.35	
5	16QAM	12	0	21.30	21.31	21.37	23.2
5	16QAM	12	7	21.39	21.27	21.27	
5	16QAM	12	13	21.21	21.27	21.24	
5	16QAM	25	0	21.27	21.20	21.24	
5	64QAM	1	0	21.41	21.31	21.23	23.2
5	64QAM	1	12	21.43	21.42	21.37	
5	64QAM	1	24	21.38	21.23	21.39	
5	64QAM	12	0	21.24	21.18	21.20	22.7
5	64QAM	12	7	21.17	21.09	21.18	
5	64QAM	12	13	21.37	21.24	21.23	
5	64QAM	25	0	21.30	21.27	21.38	
5	256QAM	1	0	20.52	20.34	20.33	20.7
5	256QAM	1	12	20.12	20.20	20.24	
5	256QAM	1	24	20.13	20.22	20.10	
5	256QAM	12	0	20.12	20.19	20.12	20.7
5	256QAM	12	7	20.11	20.13	20.13	
5	256QAM	12	13	20.21	20.24	20.17	
5	256QAM	25	0	20.26	20.28	20.25	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.55	21.52	21.40	23.2
3	QPSK	1	8	21.32	21.30	21.24	
3	QPSK	1	14	21.32	21.28	21.38	
3	QPSK	8	0	21.27	21.25	21.37	23.2
3	QPSK	8	4	21.20	21.28	21.26	
3	QPSK	8	7	21.26	21.23	21.26	
3	QPSK	15	0	21.23	21.26	21.30	
3	16QAM	1	0	21.53	21.48	21.51	23.2
3	16QAM	1	8	21.37	21.37	21.27	
3	16QAM	1	14	21.33	21.25	21.27	
3	16QAM	8	0	21.20	21.30	21.30	23.2
3	16QAM	8	4	21.36	21.39	21.23	
3	16QAM	8	7	21.31	21.32	21.27	
3	16QAM	15	0	21.39	21.27	21.31	
3	64QAM	1	0	21.38	21.44	21.34	23.2
3	64QAM	1	8	21.38	21.29	21.35	
3	64QAM	1	14	21.29	21.33	21.39	
3	64QAM	8	0	21.24	21.16	21.20	22.7
3	64QAM	8	4	21.15	21.20	21.20	
3	64QAM	8	7	21.30	21.29	21.26	
3	64QAM	15	0	21.47	21.24	21.34	
3	256QAM	1	0	20.50	20.40	20.33	20.7
3	256QAM	1	8	20.24	20.23	20.14	
3	256QAM	1	14	20.29	20.19	20.09	

3	256QAM	8	0	20.14	20.23	20.28	20.7
3	256QAM	8	4	20.13	20.19	20.12	
3	256QAM	8	7	20.18	20.20	20.04	
3	256QAM	15	0	20.28	20.25	20.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.58	21.36	21.44	23.2
1.4	QPSK	1	3	21.36	21.24	21.36	
1.4	QPSK	1	5	21.26	21.34	21.21	
1.4	QPSK	3	0	21.26	21.23	21.29	
1.4	QPSK	3	1	21.22	21.29	21.20	
1.4	QPSK	3	3	21.29	21.24	21.26	
1.4	QPSK	6	0	21.26	21.28	21.24	23.2
1.4	16QAM	1	0	21.40	21.52	21.51	23.2
1.4	16QAM	1	3	21.42	21.23	21.21	
1.4	16QAM	1	5	21.28	21.39	21.26	
1.4	16QAM	3	0	21.30	21.29	21.22	
1.4	16QAM	3	1	21.26	21.20	21.30	
1.4	16QAM	3	3	21.28	21.26	21.24	
1.4	16QAM	6	0	21.29	21.28	21.20	23.2
1.4	64QAM	1	0	21.46	21.34	21.31	23.2
1.4	64QAM	1	3	21.37	21.30	21.31	
1.4	64QAM	1	5	21.28	21.26	21.29	
1.4	64QAM	3	0	21.20	21.28	21.34	
1.4	64QAM	3	1	21.23	21.26	21.29	
1.4	64QAM	3	3	21.20	21.24	21.24	
1.4	64QAM	6	0	21.35	21.34	21.46	22.7
1.4	256QAM	1	0	20.47	20.40	20.43	20.7
1.4	256QAM	1	3	20.15	20.18	20.12	
1.4	256QAM	1	5	20.33	20.31	20.27	
1.4	256QAM	3	0	20.18	20.13	20.19	
1.4	256QAM	3	1	20.12	20.10	20.25	
1.4	256QAM	3	3	20.11	20.11	20.14	
1.4	256QAM	6	0	20.26	20.22	20.37	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.08	25.13	24.97	25.7
20	QPSK	1	49	24.85	24.92	24.74	
20	QPSK	1	99	24.77	24.84	24.65	
20	QPSK	50	0	24.05	24.13	23.96	24.7
20	QPSK	50	24	23.96	24.03	23.79	
20	QPSK	50	50	23.90	23.97	23.74	
20	QPSK	100	0	23.94	24.00	23.80	
20	16QAM	1	0	24.15	24.20	23.94	24.7
20	16QAM	1	49	24.02	24.12	23.87	
20	16QAM	1	99	23.94	23.99	23.77	
20	16QAM	50	0	23.02	23.08	22.89	23.7
20	16QAM	50	24	22.94	23.00	22.84	
20	16QAM	50	50	22.82	22.93	22.76	
20	16QAM	100	0	22.86	22.99	22.76	
20	64QAM	1	0	23.10	23.20	23.02	23.7
20	64QAM	1	49	23.12	23.17	22.96	
20	64QAM	1	99	22.87	22.95	22.70	
20	64QAM	50	0	21.97	22.10	21.87	22.7
20	64QAM	50	24	21.93	22.03	21.83	

20	64QAM	50	50	21.85	21.95	21.73	
20	64QAM	100	0	21.90	22.01	21.80	
20	256QAM	1	0	20.07	20.20	20.01	20.7
20	256QAM	1	49	20.04	20.18	20.02	
20	256QAM	1	99	19.97	20.03	19.81	
20	256QAM	50	0	19.95	20.05	19.81	20.7
20	256QAM	50	24	19.93	20.00	19.84	
20	256QAM	50	50	19.77	19.92	19.73	
20	256QAM	100	0	19.92	20.02	19.78	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.08	25.04	24.95	25.7
15	QPSK	1	37	24.83	24.92	24.66	
15	QPSK	1	74	24.67	24.79	24.59	
15	QPSK	36	0	23.98	24.07	23.93	24.7
15	QPSK	36	20	23.89	23.95	23.77	
15	QPSK	36	39	23.87	23.93	23.64	
15	QPSK	75	0	23.89	23.96	23.73	
15	16QAM	1	0	24.12	24.13	23.86	24.7
15	16QAM	1	37	23.94	24.11	23.80	
15	16QAM	1	74	23.87	23.95	23.75	
15	16QAM	36	0	22.97	23.00	22.88	23.7
15	16QAM	36	20	22.90	22.92	22.79	
15	16QAM	36	39	22.79	22.83	22.66	
15	16QAM	75	0	22.79	22.92	22.73	
15	64QAM	1	0	23.09	23.13	22.96	23.7
15	64QAM	1	37	23.02	23.08	22.91	
15	64QAM	1	74	22.77	22.91	22.70	
15	64QAM	36	0	21.97	22.02	21.77	22.7
15	64QAM	36	20	21.83	21.98	21.76	
15	64QAM	36	39	21.84	21.87	21.68	
15	64QAM	75	0	21.83	21.96	21.77	
15	256QAM	1	0	19.98	20.15	20.01	20.7
15	256QAM	1	37	19.95	20.09	19.92	
15	256QAM	1	74	19.88	19.99	19.77	
15	256QAM	36	0	19.94	20.00	19.81	20.7
15	256QAM	36	20	19.88	19.93	19.77	
15	256QAM	36	39	19.69	19.90	19.64	
15	256QAM	75	0	19.92	19.94	19.78	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.08	25.10	24.93	25.7
10	QPSK	1	25	24.83	24.84	24.69	
10	QPSK	1	49	24.67	24.75	24.56	
10	QPSK	25	0	24.01	24.12	23.94	24.7
10	QPSK	25	12	23.93	24.01	23.72	
10	QPSK	25	25	23.83	23.91	23.67	
10	QPSK	50	0	23.86	23.97	23.77	
10	16QAM	1	0	24.05	24.20	23.91	24.7
10	16QAM	1	25	23.94	24.11	23.84	
10	16QAM	1	49	23.94	23.96	23.67	
10	16QAM	25	0	22.93	23.06	22.82	23.7
10	16QAM	25	12	22.86	22.90	22.74	
10	16QAM	25	25	22.73	22.92	22.76	
10	16QAM	50	0	22.76	22.90	22.70	
10	64QAM	1	0	23.02	23.15	22.92	23.7
10	64QAM	1	25	23.12	23.07	22.92	
10	64QAM	1	49	22.80	22.88	22.61	
10	64QAM	25	0	21.94	22.04	21.80	22.7

10	64QAM	25	12	21.84	22.03	21.83	
10	64QAM	25	25	21.83	21.85	21.67	
10	64QAM	50	0	21.88	21.98	21.79	
10	256QAM	1	0	20.01	20.16	20.01	20.7
10	256QAM	1	25	19.98	20.14	19.96	
10	256QAM	1	49	19.93	20.00	19.81	
10	256QAM	25	0	19.85	19.99	19.71	20.7
10	256QAM	25	12	19.87	19.95	19.77	
10	256QAM	25	25	19.71	19.89	19.73	
10	256QAM	50	0	19.85	19.98	19.72	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.99	25.09	24.91	25.7
5	QPSK	1	12	24.83	24.82	24.67	
5	QPSK	1	24	24.72	24.75	24.63	
5	QPSK	12	0	23.97	24.08	23.93	24.7
5	QPSK	12	7	23.92	24.00	23.72	
5	QPSK	12	13	23.87	23.92	23.69	
5	QPSK	25	0	23.88	23.96	23.72	
5	16QAM	1	0	24.09	24.12	23.94	24.7
5	16QAM	1	12	24.01	24.07	23.81	
5	16QAM	1	24	23.90	23.97	23.68	
5	16QAM	12	0	22.99	23.03	22.86	23.7
5	16QAM	12	7	22.94	22.99	22.75	
5	16QAM	12	13	22.72	22.84	22.70	
5	16QAM	25	0	22.76	22.99	22.74	
5	64QAM	1	0	23.02	23.17	22.94	23.7
5	64QAM	1	12	23.06	23.16	22.88	
5	64QAM	1	24	22.78	22.91	22.63	
5	64QAM	12	0	21.88	22.09	21.83	22.7
5	64QAM	12	7	21.93	22.03	21.83	
5	64QAM	12	13	21.79	21.94	21.69	
5	64QAM	25	0	21.87	21.91	21.75	
5	256QAM	1	0	20.06	20.14	19.95	20.7
5	256QAM	1	12	20.02	20.12	19.99	
5	256QAM	1	24	19.90	19.97	19.80	
5	256QAM	12	0	19.93	19.96	19.78	20.7
5	256QAM	12	7	19.91	19.96	19.74	
5	256QAM	12	13	19.76	19.89	19.72	
5	256QAM	25	0	19.83	19.99	19.72	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.05	25.09	24.95	25.7
3	QPSK	1	8	24.77	24.82	24.68	
3	QPSK	1	14	24.77	24.78	24.61	
3	QPSK	8	0	24.02	24.05	23.90	24.7
3	QPSK	8	4	23.96	23.97	23.74	
3	QPSK	8	7	23.83	23.90	23.66	
3	QPSK	15	0	23.90	23.93	23.76	
3	16QAM	1	0	24.15	24.16	23.92	24.7
3	16QAM	1	8	23.95	24.12	23.86	
3	16QAM	1	14	23.91	23.90	23.77	
3	16QAM	8	0	23.02	23.05	22.89	23.7
3	16QAM	8	4	22.90	22.94	22.83	
3	16QAM	8	7	22.79	22.85	22.74	
3	16QAM	15	0	22.79	22.97	22.68	
3	64QAM	1	0	23.07	23.20	23.02	23.7
3	64QAM	1	8	23.04	23.17	22.94	
3	64QAM	1	14	22.79	22.90	22.62	

3	64QAM	8	0	21.92	22.03	21.83	22.7
3	64QAM	8	4	21.90	21.97	21.75	
3	64QAM	8	7	21.78	21.87	21.72	
3	64QAM	15	0	21.85	21.99	21.70	
3	256QAM	1	0	20.04	20.19	19.96	20.7
3	256QAM	1	8	20.04	20.12	19.95	
3	256QAM	1	14	19.94	19.93	19.74	
3	256QAM	8	0	19.87	20.03	19.74	20.7
3	256QAM	8	4	19.91	19.94	19.82	
3	256QAM	8	7	19.76	19.82	19.73	
3	256QAM	15	0	19.86	19.96	19.72	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.99	25.01	24.91	25.7
1.4	QPSK	1	3	24.73	24.78	24.68	
1.4	QPSK	1	5	24.67	24.75	24.58	
1.4	QPSK	3	0	24.97	25.00	24.87	
1.4	QPSK	3	1	24.72	24.81	24.66	
1.4	QPSK	3	3	24.73	24.73	24.52	
1.4	QPSK	6	0	23.98	23.99	23.83	24.7
1.4	16QAM	1	0	24.11	24.07	23.84	24.7
1.4	16QAM	1	3	23.85	24.04	23.86	
1.4	16QAM	1	5	23.90	23.85	23.76	
1.4	16QAM	3	0	24.09	24.15	23.85	
1.4	16QAM	3	1	23.92	24.06	23.86	
1.4	16QAM	3	3	23.88	23.81	23.72	
1.4	16QAM	6	0	22.98	22.95	22.87	23.7
1.4	64QAM	1	0	23.05	23.12	22.92	23.7
1.4	64QAM	1	3	23.04	23.13	22.87	
1.4	64QAM	1	5	22.77	22.89	22.61	
1.4	64QAM	3	0	23.04	23.17	23.02	
1.4	64QAM	3	1	23.02	23.13	22.93	
1.4	64QAM	3	3	22.74	22.82	22.55	
1.4	64QAM	6	0	21.91	22.03	21.75	22.7
1.4	256QAM	1	0	19.99	20.16	19.88	20.7
1.4	256QAM	1	3	20.02	20.10	19.95	
1.4	256QAM	1	5	19.84	19.88	19.68	
1.4	256QAM	3	0	19.96	20.09	19.94	
1.4	256QAM	3	1	19.97	20.02	19.85	
1.4	256QAM	3	3	19.89	19.87	19.73	
1.4	256QAM	6	0	19.82	19.94	19.65	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.04	20.84	20.80	21.2
20	QPSK	1	49	20.76	20.81	20.46	
20	QPSK	1	99	20.92	20.68	20.37	
20	QPSK	50	0	20.96	20.80	20.61	21.2
20	QPSK	50	24	20.98	20.87	20.58	
20	QPSK	50	50	21.01	20.95	20.53	
20	QPSK	100	0	20.96	20.78	20.61	
20	16QAM	1	0	21.02	21.00	20.95	21.2
20	16QAM	1	49	20.96	21.03	20.90	
20	16QAM	1	99	21.00	21.01	20.87	
20	16QAM	50	0	21.01	20.96	20.82	21.2
20	16QAM	50	24	20.98	20.76	20.57	
20	16QAM	50	50	20.95	20.83	20.51	
20	16QAM	100	0	20.90	20.80	20.75	
20	64QAM	1	0	21.01	20.95	20.83	21.2
20	64QAM	1	49	21.02	20.78	20.63	
20	64QAM	1	99	20.94	20.86	20.70	
20	64QAM	50	0	21.02	20.91	20.70	21.2
20	64QAM	50	24	21.02	20.75	20.68	
20	64QAM	50	50	20.97	20.79	20.61	
20	64QAM	100	0	20.97	20.91	20.56	
20	256QAM	1	0	20.09	20.00	20.00	20.7
20	256QAM	1	49	19.88	19.84	19.81	
20	256QAM	1	99	20.09	19.89	19.70	
20	256QAM	50	0	20.15	19.81	19.61	20.7
20	256QAM	50	24	19.92	19.80	19.60	
20	256QAM	50	50	20.02	19.64	19.71	
20	256QAM	100	0	19.91	19.90	19.52	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.86	20.74	20.77	21.2
15	QPSK	1	37	20.71	20.68	20.28	
15	QPSK	1	74	20.85	20.56	20.18	
15	QPSK	36	0	20.96	20.78	20.57	21.2
15	QPSK	36	20	20.82	20.77	20.55	
15	QPSK	36	39	20.89	20.94	20.49	
15	QPSK	75	0	20.88	20.70	20.47	
15	16QAM	1	0	20.88	20.87	20.75	21.2
15	16QAM	1	37	20.82	20.88	20.83	
15	16QAM	1	74	20.88	20.85	20.71	
15	16QAM	36	0	21.01	20.91	20.71	21.2
15	16QAM	36	20	20.84	20.62	20.54	
15	16QAM	36	39	20.85	20.77	20.32	
15	16QAM	75	0	20.83	20.71	20.62	
15	64QAM	1	0	20.98	20.82	20.73	21.2
15	64QAM	1	37	20.90	20.70	20.63	
15	64QAM	1	74	20.83	20.76	20.70	
15	64QAM	36	0	21.01	20.82	20.66	21.2
15	64QAM	36	20	20.89	20.58	20.49	
15	64QAM	36	39	20.96	20.73	20.60	
15	64QAM	75	0	20.90	20.73	20.40	
15	256QAM	1	0	19.92	19.93	19.99	20.7
15	256QAM	1	37	19.69	19.75	19.75	
15	256QAM	1	74	19.89	19.71	19.69	

15	256QAM	36	0	19.95	19.81	19.54	20.7
15	256QAM	36	20	19.91	19.71	19.42	
15	256QAM	36	39	20.02	19.52	19.65	
15	256QAM	75	0	19.87	19.73	19.47	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.93	20.71	20.75	21.2
10	QPSK	1	25	20.70	20.78	20.36	
10	QPSK	1	49	20.88	20.68	20.17	
10	QPSK	25	0	20.76	20.72	20.53	21.2
10	QPSK	25	12	20.83	20.72	20.44	
10	QPSK	25	25	21.00	20.91	20.46	
10	QPSK	50	0	20.91	20.69	20.45	
10	16QAM	1	0	20.88	20.94	20.80	21.2
10	16QAM	1	25	20.93	20.98	20.86	
10	16QAM	1	49	20.89	20.91	20.81	
10	16QAM	25	0	20.87	20.96	20.77	21.2
10	16QAM	25	12	20.96	20.69	20.55	
10	16QAM	25	25	20.82	20.82	20.47	
10	16QAM	50	0	20.73	20.64	20.59	
10	64QAM	1	0	20.85	20.84	20.69	21.2
10	64QAM	1	25	20.92	20.58	20.53	
10	64QAM	1	49	20.74	20.74	20.58	
10	64QAM	25	0	20.88	20.72	20.52	21.2
10	64QAM	25	12	20.86	20.66	20.59	
10	64QAM	25	25	20.91	20.72	20.44	
10	64QAM	50	0	20.79	20.89	20.51	
10	256QAM	1	0	19.99	19.89	19.96	20.7
10	256QAM	1	25	19.72	19.73	19.73	
10	256QAM	1	49	19.89	19.86	19.63	
10	256QAM	25	0	19.98	19.63	19.57	20.7
10	256QAM	25	12	19.87	19.69	19.45	
10	256QAM	25	25	19.82	19.50	19.62	
10	256QAM	50	0	19.80	19.77	19.34	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.89	20.71	20.71	21.2
5	QPSK	1	12	20.61	20.68	20.28	
5	QPSK	1	24	20.91	20.59	20.24	
5	QPSK	12	0	20.79	20.61	20.61	21.2
5	QPSK	12	7	20.93	20.77	20.44	
5	QPSK	12	13	20.88	20.75	20.33	
5	QPSK	25	0	20.87	20.59	20.55	
5	16QAM	1	0	20.89	20.85	20.84	21.2
5	16QAM	1	12	20.96	20.97	20.84	
5	16QAM	1	24	20.81	20.84	20.83	
5	16QAM	12	0	20.94	20.96	20.66	21.2
5	16QAM	12	7	20.84	20.74	20.40	
5	16QAM	12	13	20.79	20.65	20.51	
5	16QAM	25	0	20.72	20.76	20.55	
5	64QAM	1	0	21.00	20.83	20.74	21.2
5	64QAM	1	12	20.88	20.65	20.44	
5	64QAM	1	24	20.93	20.85	20.59	
5	64QAM	12	0	20.89	20.75	20.64	21.2
5	64QAM	12	7	20.90	20.72	20.63	
5	64QAM	12	13	20.86	20.66	20.61	
5	64QAM	25	0	20.77	20.84	20.54	
5	256QAM	1	0	19.99	19.80	19.85	20.7
5	256QAM	1	12	19.82	19.76	19.62	

5	256QAM	1	24	20.08	19.80	19.61	
5	256QAM	12	0	20.02	19.65	19.45	20.7
5	256QAM	12	7	19.90	19.66	19.60	
5	256QAM	12	13	19.86	19.55	19.66	
5	256QAM	25	0	19.82	19.84	19.50	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.90	20.70	20.68	21.2
3	QPSK	1	8	20.75	20.72	20.40	
3	QPSK	1	14	20.91	20.66	20.29	
3	QPSK	8	0	20.86	20.62	20.42	21.2
3	QPSK	8	4	20.87	20.87	20.39	
3	QPSK	8	7	20.89	20.90	20.49	
3	QPSK	15	0	20.76	20.62	20.60	
3	16QAM	1	0	20.93	20.81	20.94	21.2
3	16QAM	1	8	20.84	20.99	20.84	
3	16QAM	1	14	20.88	20.83	20.68	
3	16QAM	8	0	20.84	20.83	20.69	21.2
3	16QAM	8	4	20.98	20.61	20.57	
3	16QAM	8	7	20.77	20.80	20.33	
3	16QAM	15	0	20.87	20.61	20.65	
3	64QAM	1	0	20.95	20.90	20.72	21.2
3	64QAM	1	8	21.00	20.78	20.47	
3	64QAM	1	14	20.82	20.83	20.52	
3	64QAM	8	0	20.82	20.71	20.51	21.2
3	64QAM	8	4	20.87	20.64	20.50	
3	64QAM	8	7	20.80	20.59	20.49	
3	64QAM	15	0	20.90	20.89	20.51	
3	256QAM	1	0	19.89	19.95	19.83	20.7
3	256QAM	1	8	19.76	19.83	19.73	
3	256QAM	1	14	19.94	19.78	19.59	
3	256QAM	8	0	19.97	19.68	19.47	20.7
3	256QAM	8	4	19.88	19.78	19.47	
3	256QAM	8	7	19.98	19.53	19.63	
3	256QAM	15	0	19.85	19.77	19.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.92	20.71	20.80	21.2
1.4	QPSK	1	3	20.58	20.71	20.44	
1.4	QPSK	1	5	20.74	20.57	20.33	
1.4	QPSK	3	0	20.77	20.62	20.41	
1.4	QPSK	3	1	20.83	20.72	20.50	
1.4	QPSK	3	3	20.82	20.90	20.43	
1.4	QPSK	6	0	20.86	20.77	20.56	21.2
1.4	16QAM	1	0	21.01	20.85	20.92	21.2
1.4	16QAM	1	3	20.92	20.93	20.84	
1.4	16QAM	1	5	20.89	20.93	20.82	
1.4	16QAM	3	0	20.98	20.91	20.64	
1.4	16QAM	3	1	20.90	20.71	20.47	
1.4	16QAM	3	3	20.92	20.79	20.37	
1.4	16QAM	6	0	20.71	20.62	20.73	21.2
1.4	64QAM	1	0	20.94	20.92	20.64	21.2
1.4	64QAM	1	3	20.97	20.77	20.54	
1.4	64QAM	1	5	20.79	20.76	20.51	
1.4	64QAM	3	0	21.00	20.76	20.64	
1.4	64QAM	3	1	20.84	20.73	20.54	
1.4	64QAM	3	3	20.82	20.64	20.52	
1.4	64QAM	6	0	20.88	20.82	20.37	21.2
1.4	256QAM	1	0	20.04	19.99	19.85	20.7

1.4	256QAM	1	3	19.75	19.76	19.66	
1.4	256QAM	1	5	19.92	19.80	19.55	
1.4	256QAM	3	0	19.97	19.64	19.61	
1.4	256QAM	3	1	19.81	19.68	19.42	
1.4	256QAM	3	3	19.88	19.51	19.65	
1.4	256QAM	6	0	19.80	19.72	19.51	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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.04	20.84	20.80	22
20	QPSK	1	49	20.76	20.81	20.46	
20	QPSK	1	99	20.92	20.68	20.37	
20	QPSK	50	0	20.96	20.80	20.61	22
20	QPSK	50	24	20.98	20.87	20.58	
20	QPSK	50	50	21.01	20.95	20.53	
20	QPSK	100	0	20.96	20.78	20.61	
20	16QAM	1	0	21.02	21.00	20.95	22
20	16QAM	1	49	20.96	21.03	20.90	
20	16QAM	1	99	21.00	21.01	20.87	
20	16QAM	50	0	21.01	20.96	20.82	22
20	16QAM	50	24	20.98	20.76	20.57	
20	16QAM	50	50	20.95	20.83	20.51	
20	16QAM	100	0	20.90	20.80	20.75	
20	64QAM	1	0	21.01	20.95	20.83	22
20	64QAM	1	49	21.02	20.78	20.63	
20	64QAM	1	99	20.94	20.86	20.70	
20	64QAM	50	0	21.02	20.91	20.70	22
20	64QAM	50	24	21.02	20.75	20.68	
20	64QAM	50	50	20.97	20.79	20.61	
20	64QAM	100	0	20.97	20.91	20.56	
20	256QAM	1	0	20.09	20.00	20.00	20.7
20	256QAM	1	49	19.88	19.84	19.81	
20	256QAM	1	99	20.09	19.89	19.70	
20	256QAM	50	0	20.15	19.81	19.61	20.7
20	256QAM	50	24	19.92	19.80	19.60	
20	256QAM	50	50	20.02	19.64	19.71	
20	256QAM	100	0	19.91	19.90	19.52	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.86	20.74	20.77	22
15	QPSK	1	37	20.71	20.68	20.28	
15	QPSK	1	74	20.85	20.56	20.18	
15	QPSK	36	0	20.96	20.78	20.57	22
15	QPSK	36	20	20.82	20.77	20.55	
15	QPSK	36	39	20.89	20.94	20.49	
15	QPSK	75	0	20.88	20.70	20.47	
15	16QAM	1	0	20.88	20.87	20.75	22
15	16QAM	1	37	20.82	20.88	20.83	
15	16QAM	1	74	20.88	20.85	20.71	
15	16QAM	36	0	21.01	20.91	20.71	22
15	16QAM	36	20	20.84	20.62	20.54	
15	16QAM	36	39	20.85	20.77	20.32	
15	16QAM	75	0	20.83	20.71	20.62	
15	64QAM	1	0	20.98	20.82	20.73	22
15	64QAM	1	37	20.90	20.70	20.63	
15	64QAM	1	74	20.83	20.76	20.70	

15	64QAM	36	0	21.01	20.82	20.66	22
15	64QAM	36	20	20.89	20.58	20.49	
15	64QAM	36	39	20.96	20.73	20.60	
15	64QAM	75	0	20.90	20.73	20.40	
15	256QAM	1	0	19.92	19.93	19.99	20.7
15	256QAM	1	37	19.69	19.75	19.75	
15	256QAM	1	74	19.89	19.71	19.69	
15	256QAM	36	0	19.95	19.81	19.54	20.7
15	256QAM	36	20	19.91	19.71	19.42	
15	256QAM	36	39	20.02	19.52	19.65	
15	256QAM	75	0	19.87	19.73	19.47	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.93	20.71	20.75	22
10	QPSK	1	25	20.70	20.78	20.36	
10	QPSK	1	49	20.88	20.68	20.17	
10	QPSK	25	0	20.76	20.72	20.53	22
10	QPSK	25	12	20.83	20.72	20.44	
10	QPSK	25	25	21.00	20.91	20.46	
10	QPSK	50	0	20.91	20.69	20.45	
10	16QAM	1	0	20.88	20.94	20.80	22
10	16QAM	1	25	20.93	20.98	20.86	
10	16QAM	1	49	20.89	20.91	20.81	
10	16QAM	25	0	20.87	20.96	20.77	22
10	16QAM	25	12	20.96	20.69	20.55	
10	16QAM	25	25	20.82	20.82	20.47	
10	16QAM	50	0	20.73	20.64	20.59	
10	64QAM	1	0	20.85	20.84	20.69	22
10	64QAM	1	25	20.92	20.58	20.53	
10	64QAM	1	49	20.74	20.74	20.58	
10	64QAM	25	0	20.88	20.72	20.52	22
10	64QAM	25	12	20.86	20.66	20.59	
10	64QAM	25	25	20.91	20.72	20.44	
10	64QAM	50	0	20.79	20.89	20.51	
10	256QAM	1	0	19.99	19.89	19.96	20.7
10	256QAM	1	25	19.72	19.73	19.73	
10	256QAM	1	49	19.89	19.86	19.63	
10	256QAM	25	0	19.98	19.63	19.57	20.7
10	256QAM	25	12	19.87	19.69	19.45	
10	256QAM	25	25	19.82	19.50	19.62	
10	256QAM	50	0	19.80	19.77	19.34	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.89	20.71	20.71	22
5	QPSK	1	12	20.61	20.68	20.28	
5	QPSK	1	24	20.91	20.59	20.24	
5	QPSK	12	0	20.79	20.61	20.61	22
5	QPSK	12	7	20.93	20.77	20.44	
5	QPSK	12	13	20.88	20.75	20.33	
5	QPSK	25	0	20.87	20.59	20.55	
5	16QAM	1	0	20.89	20.85	20.84	22
5	16QAM	1	12	20.96	20.97	20.84	
5	16QAM	1	24	20.81	20.84	20.83	
5	16QAM	12	0	20.94	20.96	20.66	22
5	16QAM	12	7	20.84	20.74	20.40	
5	16QAM	12	13	20.79	20.65	20.51	
5	16QAM	25	0	20.72	20.76	20.55	
5	64QAM	1	0	21.00	20.83	20.74	22
5	64QAM	1	12	20.88	20.65	20.44	

5	64QAM	1	24	20.93	20.85	20.59	
5	64QAM	12	0	20.89	20.75	20.64	22
5	64QAM	12	7	20.90	20.72	20.63	
5	64QAM	12	13	20.86	20.66	20.61	
5	64QAM	25	0	20.77	20.84	20.54	
5	256QAM	1	0	19.99	19.80	19.85	20.7
5	256QAM	1	12	19.82	19.76	19.62	
5	256QAM	1	24	20.08	19.80	19.61	
5	256QAM	12	0	20.02	19.65	19.45	20.7
5	256QAM	12	7	19.90	19.66	19.60	
5	256QAM	12	13	19.86	19.55	19.66	
5	256QAM	25	0	19.82	19.84	19.50	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.90	20.70	20.68	22
3	QPSK	1	8	20.75	20.72	20.40	
3	QPSK	1	14	20.91	20.66	20.29	
3	QPSK	8	0	20.86	20.62	20.42	22
3	QPSK	8	4	20.87	20.87	20.39	
3	QPSK	8	7	20.89	20.90	20.49	
3	QPSK	15	0	20.76	20.62	20.60	
3	16QAM	1	0	20.93	20.81	20.94	22
3	16QAM	1	8	20.84	20.99	20.84	
3	16QAM	1	14	20.88	20.83	20.68	
3	16QAM	8	0	20.84	20.83	20.69	22
3	16QAM	8	4	20.98	20.61	20.57	
3	16QAM	8	7	20.77	20.80	20.33	
3	16QAM	15	0	20.87	20.61	20.65	
3	64QAM	1	0	20.95	20.90	20.72	22
3	64QAM	1	8	21.00	20.78	20.47	
3	64QAM	1	14	20.82	20.83	20.52	
3	64QAM	8	0	20.82	20.71	20.51	22
3	64QAM	8	4	20.87	20.64	20.50	
3	64QAM	8	7	20.80	20.59	20.49	
3	64QAM	15	0	20.90	20.89	20.51	
3	256QAM	1	0	19.89	19.95	19.83	20.7
3	256QAM	1	8	19.76	19.83	19.73	
3	256QAM	1	14	19.94	19.78	19.59	
3	256QAM	8	0	19.97	19.68	19.47	20.7
3	256QAM	8	4	19.88	19.78	19.47	
3	256QAM	8	7	19.98	19.53	19.63	
3	256QAM	15	0	19.85	19.77	19.47	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.92	20.71	20.80	22
1.4	QPSK	1	3	20.58	20.71	20.44	
1.4	QPSK	1	5	20.74	20.57	20.33	
1.4	QPSK	3	0	20.77	20.62	20.41	
1.4	QPSK	3	1	20.83	20.72	20.50	
1.4	QPSK	3	3	20.82	20.90	20.43	
1.4	QPSK	6	0	20.86	20.77	20.56	22
1.4	16QAM	1	0	21.01	20.85	20.92	22
1.4	16QAM	1	3	20.92	20.93	20.84	
1.4	16QAM	1	5	20.89	20.93	20.82	
1.4	16QAM	3	0	20.98	20.91	20.64	
1.4	16QAM	3	1	20.90	20.71	20.47	
1.4	16QAM	3	3	20.92	20.79	20.37	
1.4	16QAM	6	0	20.71	20.62	20.73	22
1.4	64QAM	1	0	20.94	20.92	20.64	22

1.4	64QAM	1	3	20.97	20.77	20.54	
1.4	64QAM	1	5	20.79	20.76	20.51	
1.4	64QAM	3	0	21.00	20.76	20.64	
1.4	64QAM	3	1	20.84	20.73	20.54	
1.4	64QAM	3	3	20.82	20.64	20.52	
1.4	64QAM	6	0	20.88	20.82	20.37	22
1.4	256QAM	1	0	20.04	19.99	19.85	20.7
1.4	256QAM	1	3	19.75	19.76	19.66	
1.4	256QAM	1	5	19.92	19.80	19.55	
1.4	256QAM	3	0	19.97	19.64	19.61	
1.4	256QAM	3	1	19.81	19.68	19.42	
1.4	256QAM	3	3	19.88	19.51	19.65	
1.4	256QAM	6	0	19.80	19.72	19.51	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.32	24.31	24.34	25.7
10	QPSK	1	25	24.16	24.12	24.11	
10	QPSK	1	49	24.23	24.24	24.16	
10	QPSK	25	0	23.31	23.24	23.30	24.7
10	QPSK	25	12	23.26	23.22	23.28	
10	QPSK	25	25	23.27	23.21	23.24	
10	QPSK	50	0	23.27	23.24	23.26	
10	16QAM	1	0	23.48	23.67	23.62	24.7
10	16QAM	1	25	23.56	23.68	23.52	
10	16QAM	1	49	23.75	23.52	23.52	
10	16QAM	25	0	22.30	22.34	22.31	23.7
10	16QAM	25	12	22.30	22.31	22.29	
10	16QAM	25	25	22.30	22.31	22.26	
10	16QAM	50	0	22.27	22.27	22.25	
10	64QAM	1	0	22.34	22.36	22.42	23.7
10	64QAM	1	25	22.35	22.32	22.28	
10	64QAM	1	49	22.46	22.38	22.36	
10	64QAM	25	0	21.29	21.32	21.26	22.7
10	64QAM	25	12	21.31	21.29	21.24	
10	64QAM	25	25	21.30	21.27	21.25	
10	64QAM	50	0	21.29	21.31	21.24	
10	256QAM	1	0	19.42	19.41	19.38	20.7
10	256QAM	1	25	19.17	19.24	19.18	
10	256QAM	1	49	19.23	19.32	19.27	
10	256QAM	25	0	19.22	19.24	19.14	20.7
10	256QAM	25	12	19.18	19.23	19.10	
10	256QAM	25	25	19.21	19.23	19.13	
10	256QAM	50	0	19.14	19.21	19.11	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.21	24.27	24.16	25.7
5	QPSK	1	12	23.99	24.03	24.06	
5	QPSK	1	24	24.09	24.13	24.13	
5	QPSK	12	0	23.11	23.20	23.20	24.7
5	QPSK	12	7	23.19	23.16	23.25	
5	QPSK	12	13	23.26	23.21	23.22	
5	QPSK	25	0	23.26	23.07	23.16	
5	16QAM	1	0	23.37	23.56	23.57	24.7
5	16QAM	1	12	23.43	23.50	23.32	
5	16QAM	1	24	23.55	23.47	23.45	

5	16QAM	12	0	22.23	22.31	22.21	23.7
5	16QAM	12	7	22.28	22.16	22.26	
5	16QAM	12	13	22.27	22.30	22.13	
5	16QAM	25	0	22.14	22.14	22.08	
5	64QAM	1	0	22.19	22.34	22.39	23.7
5	64QAM	1	12	22.17	22.28	22.18	
5	64QAM	1	24	22.43	22.22	22.24	
5	64QAM	12	0	21.24	21.19	21.13	22.7
5	64QAM	12	7	21.29	21.19	21.15	
5	64QAM	12	13	21.17	21.12	21.13	
5	64QAM	25	0	21.11	21.23	21.21	
5	256QAM	1	0	19.33	19.27	19.20	20.7
5	256QAM	1	12	19.14	19.13	19.16	
5	256QAM	1	24	19.06	19.31	19.17	
5	256QAM	12	0	19.12	19.04	19.07	20.7
5	256QAM	12	7	19.15	19.23	18.96	
5	256QAM	12	13	19.16	19.12	18.98	
5	256QAM	25	0	18.97	19.19	19.03	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.26	24.30	24.30	25.7
3	QPSK	1	8	24.11	24.10	24.09	
3	QPSK	1	14	24.18	24.14	24.11	
3	QPSK	8	0	23.22	23.11	23.23	24.7
3	QPSK	8	4	23.10	23.06	23.27	
3	QPSK	8	7	23.13	23.02	23.15	
3	QPSK	15	0	23.23	23.17	23.11	
3	16QAM	1	0	23.34	23.52	23.53	24.7
3	16QAM	1	8	23.37	23.63	23.45	
3	16QAM	1	14	23.62	23.48	23.49	
3	16QAM	8	0	22.23	22.19	22.26	23.7
3	16QAM	8	4	22.27	22.16	22.15	
3	16QAM	8	7	22.20	22.31	22.08	
3	16QAM	15	0	22.14	22.12	22.16	
3	64QAM	1	0	22.33	22.33	22.37	23.7
3	64QAM	1	8	22.31	22.30	22.20	
3	64QAM	1	14	22.33	22.23	22.19	
3	64QAM	8	0	21.23	21.31	21.08	22.7
3	64QAM	8	4	21.21	21.27	21.10	
3	64QAM	8	7	21.22	21.16	21.25	
3	64QAM	15	0	21.28	21.31	21.24	
3	256QAM	1	0	19.31	19.27	19.18	20.7
3	256QAM	1	8	19.13	19.06	19.16	
3	256QAM	1	14	19.19	19.16	19.24	
3	256QAM	8	0	19.14	19.19	19.08	20.7
3	256QAM	8	4	19.03	19.15	19.07	
3	256QAM	8	7	19.11	19.10	18.95	
3	256QAM	15	0	19.11	19.10	18.94	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.29	24.12	24.14	25.7
1.4	QPSK	1	3	24.02	24.09	24.05	
1.4	QPSK	1	5	24.21	24.18	24.12	
1.4	QPSK	3	0	24.25	24.24	24.16	
1.4	QPSK	3	1	23.97	23.92	24.02	
1.4	QPSK	3	3	24.15	24.10	24.13	
1.4	QPSK	6	0	23.12	23.07	23.13	24.7
1.4	16QAM	1	0	23.10	23.14	23.27	24.7
1.4	16QAM	1	3	23.25	23.03	23.22	

1.4	16QAM	1	5	23.09	23.18	23.22	
1.4	16QAM	3	0	23.28	23.58	23.52	
1.4	16QAM	3	1	23.50	23.49	23.37	
1.4	16QAM	3	3	23.66	23.34	23.33	
1.4	16QAM	6	0	22.12	22.19	22.12	23.7
1.4	64QAM	1	0	22.24	22.18	22.13	23.7
1.4	64QAM	1	3	22.29	22.30	22.09	
1.4	64QAM	1	5	22.09	22.20	22.20	
1.4	64QAM	3	0	22.23	22.32	22.39	
1.4	64QAM	3	1	22.30	22.17	22.23	
1.4	64QAM	3	3	22.35	22.19	22.18	
1.4	64QAM	6	0	21.09	21.24	21.15	22.7
1.4	256QAM	1	0	19.35	19.40	19.38	20.7
1.4	256QAM	1	3	19.07	19.20	19.04	
1.4	256QAM	1	5	19.13	19.16	19.18	
1.4	256QAM	3	0	19.13	19.20	18.99	
1.4	256QAM	3	1	19.00	19.16	18.91	
1.4	256QAM	3	3	19.01	19.12	19.00	
1.4	256QAM	6	0	19.08	19.06	18.94	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.32	24.31	24.34	25.7
10	QPSK	1	25	24.16	24.12	24.11	
10	QPSK	1	49	24.23	24.24	24.16	
10	QPSK	25	0	23.31	23.24	23.30	24.7
10	QPSK	25	12	23.26	23.22	23.28	
10	QPSK	25	25	23.27	23.21	23.24	
10	QPSK	50	0	23.27	23.24	23.26	
10	16QAM	1	0	23.48	23.67	23.62	24.7
10	16QAM	1	25	23.56	23.68	23.52	
10	16QAM	1	49	23.75	23.52	23.52	
10	16QAM	25	0	22.30	22.34	22.31	23.7
10	16QAM	25	12	22.30	22.31	22.29	
10	16QAM	25	25	22.30	22.31	22.26	
10	16QAM	50	0	22.27	22.27	22.25	
10	64QAM	1	0	22.34	22.36	22.42	23.7
10	64QAM	1	25	22.35	22.32	22.28	
10	64QAM	1	49	22.46	22.38	22.36	
10	64QAM	25	0	21.29	21.32	21.26	22.7
10	64QAM	25	12	21.31	21.29	21.24	
10	64QAM	25	25	21.30	21.27	21.25	
10	64QAM	50	0	21.29	21.31	21.24	
10	256QAM	1	0	19.42	19.41	19.38	20.7
10	256QAM	1	25	19.17	19.24	19.18	
10	256QAM	1	49	19.23	19.32	19.27	
10	256QAM	25	0	19.22	19.24	19.14	20.7
10	256QAM	25	12	19.18	19.23	19.10	
10	256QAM	25	25	19.21	19.23	19.13	
10	256QAM	50	0	19.14	19.21	19.11	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.21	24.27	24.16	25.7
5	QPSK	1	12	23.99	24.03	24.06	
5	QPSK	1	24	24.09	24.13	24.13	
5	QPSK	12	0	23.11	23.20	23.20	24.7

5	QPSK	12	7	23.19	23.16	23.25	
5	QPSK	12	13	23.26	23.21	23.22	
5	QPSK	25	0	23.26	23.07	23.16	
5	16QAM	1	0	23.37	23.56	23.57	24.7
5	16QAM	1	12	23.43	23.50	23.32	
5	16QAM	1	24	23.55	23.47	23.45	
5	16QAM	12	0	22.23	22.31	22.21	23.7
5	16QAM	12	7	22.28	22.16	22.26	
5	16QAM	12	13	22.27	22.30	22.13	
5	16QAM	25	0	22.14	22.14	22.08	
5	64QAM	1	0	22.19	22.34	22.39	23.7
5	64QAM	1	12	22.17	22.28	22.18	
5	64QAM	1	24	22.43	22.22	22.24	
5	64QAM	12	0	21.24	21.19	21.13	22.7
5	64QAM	12	7	21.29	21.19	21.15	
5	64QAM	12	13	21.17	21.12	21.13	
5	64QAM	25	0	21.11	21.23	21.21	
5	256QAM	1	0	19.33	19.27	19.20	20.7
5	256QAM	1	12	19.14	19.13	19.16	
5	256QAM	1	24	19.06	19.31	19.17	
5	256QAM	12	0	19.12	19.04	19.07	20.7
5	256QAM	12	7	19.15	19.23	18.96	
5	256QAM	12	13	19.16	19.12	18.98	
5	256QAM	25	0	18.97	19.19	19.03	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.26	24.30	24.30	25.7
3	QPSK	1	8	24.11	24.10	24.09	
3	QPSK	1	14	24.18	24.14	24.11	
3	QPSK	8	0	23.22	23.11	23.23	24.7
3	QPSK	8	4	23.10	23.06	23.27	
3	QPSK	8	7	23.13	23.02	23.15	
3	QPSK	15	0	23.23	23.17	23.11	
3	16QAM	1	0	23.34	23.52	23.53	24.7
3	16QAM	1	8	23.37	23.63	23.45	
3	16QAM	1	14	23.62	23.48	23.49	
3	16QAM	8	0	22.23	22.19	22.26	23.7
3	16QAM	8	4	22.27	22.16	22.15	
3	16QAM	8	7	22.20	22.31	22.08	
3	16QAM	15	0	22.14	22.12	22.16	
3	64QAM	1	0	22.33	22.33	22.37	23.7
3	64QAM	1	8	22.31	22.30	22.20	
3	64QAM	1	14	22.33	22.23	22.19	
3	64QAM	8	0	21.23	21.31	21.08	22.7
3	64QAM	8	4	21.21	21.27	21.10	
3	64QAM	8	7	21.22	21.16	21.25	
3	64QAM	15	0	21.28	21.31	21.24	
3	256QAM	1	0	19.31	19.27	19.18	20.7
3	256QAM	1	8	19.13	19.06	19.16	
3	256QAM	1	14	19.19	19.16	19.24	
3	256QAM	8	0	19.14	19.19	19.08	20.7
3	256QAM	8	4	19.03	19.15	19.07	
3	256QAM	8	7	19.11	19.10	18.95	
3	256QAM	15	0	19.11	19.10	18.94	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.29	24.12	24.14	25.7
1.4	QPSK	1	3	24.02	24.09	24.05	
1.4	QPSK	1	5	24.21	24.18	24.12	

1.4	QPSK	3	0	24.25	24.24	24.16	
1.4	QPSK	3	1	23.97	23.92	24.02	
1.4	QPSK	3	3	24.15	24.10	24.13	
1.4	QPSK	6	0	23.12	23.07	23.13	24.7
1.4	16QAM	1	0	23.10	23.14	23.27	24.7
1.4	16QAM	1	3	23.25	23.03	23.22	
1.4	16QAM	1	5	23.09	23.18	23.22	
1.4	16QAM	3	0	23.28	23.58	23.52	
1.4	16QAM	3	1	23.50	23.49	23.37	
1.4	16QAM	3	3	23.66	23.34	23.33	
1.4	16QAM	6	0	22.12	22.19	22.12	23.7
1.4	64QAM	1	0	22.24	22.18	22.13	23.7
1.4	64QAM	1	3	22.29	22.30	22.09	
1.4	64QAM	1	5	22.09	22.20	22.20	
1.4	64QAM	3	0	22.23	22.32	22.39	
1.4	64QAM	3	1	22.30	22.17	22.23	
1.4	64QAM	3	3	22.35	22.19	22.18	
1.4	64QAM	6	0	21.09	21.24	21.15	22.7
1.4	256QAM	1	0	19.35	19.40	19.38	20.7
1.4	256QAM	1	3	19.07	19.20	19.04	
1.4	256QAM	1	5	19.13	19.16	19.18	
1.4	256QAM	3	0	19.13	19.20	18.99	
1.4	256QAM	3	1	19.00	19.16	18.91	
1.4	256QAM	3	3	19.01	19.12	19.00	
1.4	256QAM	6	0	19.08	19.06	18.94	20.7

<LTE Band 5_Ant 1_TX1_Index 2/3/4/5/6>

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	24.46	24.44	24.65	25.7
10	QPSK	1	25	24.37	24.28	24.62	
10	QPSK	1	49	24.33	24.29	24.53	
10	QPSK	25	0	23.40	23.35	23.67	24.7
10	QPSK	25	12	23.35	23.31	23.69	
10	QPSK	25	25	23.33	23.29	23.64	
10	QPSK	50	0	23.35	23.33	23.70	
10	16QAM	1	0	23.67	23.71	24.08	24.7
10	16QAM	1	25	23.64	23.68	23.92	
10	16QAM	1	49	23.74	23.64	23.84	
10	16QAM	25	0	22.41	22.40	22.70	23.7
10	16QAM	25	12	22.38	22.35	22.66	
10	16QAM	25	25	22.37	22.32	22.64	
10	16QAM	50	0	22.36	22.32	22.66	
10	64QAM	1	0	22.57	22.55	22.84	23.7
10	64QAM	1	25	22.39	22.45	22.59	
10	64QAM	1	49	22.53	22.40	22.54	
10	64QAM	25	0	21.39	21.38	21.69	22.7
10	64QAM	25	12	21.38	21.37	21.66	
10	64QAM	25	25	21.35	21.34	21.62	
10	64QAM	50	0	21.39	21.34	21.69	
10	256QAM	1	0	19.57	19.63	19.71	20.7
10	256QAM	1	25	19.25	19.37	19.35	
10	256QAM	1	49	19.31	19.39	19.47	
10	256QAM	25	0	19.25	19.41	19.42	20.7
10	256QAM	25	12	19.21	19.32	19.32	
10	256QAM	25	25	19.21	19.28	19.35	
10	256QAM	50	0	19.21	19.31	19.33	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.45	24.39	24.52	25.7
5	QPSK	1	12	24.25	24.23	24.43	
5	QPSK	1	24	24.14	24.27	24.34	
5	QPSK	12	0	23.30	23.32	23.63	24.7
5	QPSK	12	7	23.24	23.30	23.49	
5	QPSK	12	13	23.20	23.23	23.62	
5	QPSK	25	0	23.16	23.16	23.51	
5	16QAM	1	0	23.48	23.56	23.98	24.7
5	16QAM	1	12	23.59	23.64	23.88	
5	16QAM	1	24	23.66	23.52	23.78	
5	16QAM	12	0	22.22	22.22	22.59	23.7
5	16QAM	12	7	22.18	22.28	22.48	
5	16QAM	12	13	22.24	22.28	22.62	
5	16QAM	25	0	22.26	22.19	22.59	
5	64QAM	1	0	22.42	22.35	22.81	23.7
5	64QAM	1	12	22.23	22.41	22.49	
5	64QAM	1	24	22.47	22.29	22.38	
5	64QAM	12	0	21.36	21.38	21.49	22.7
5	64QAM	12	7	21.18	21.30	21.48	
5	64QAM	12	13	21.35	21.25	21.44	
5	64QAM	25	0	21.34	21.30	21.61	
5	256QAM	1	0	19.37	19.56	19.63	20.7
5	256QAM	1	12	19.05	19.25	19.31	
5	256QAM	1	24	19.24	19.20	19.27	

5	256QAM	12	0	19.25	19.41	19.38	20.7
5	256QAM	12	7	19.17	19.17	19.22	
5	256QAM	12	13	19.19	19.18	19.29	
5	256QAM	25	0	19.15	19.29	19.30	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.45	24.28	24.48	25.7
3	QPSK	1	8	24.36	24.24	24.53	
3	QPSK	1	14	24.33	24.19	24.52	
3	QPSK	8	0	23.29	23.34	23.61	24.7
3	QPSK	8	4	23.35	23.28	23.56	
3	QPSK	8	7	23.14	23.16	23.64	
3	QPSK	15	0	23.25	23.29	23.67	
3	16QAM	1	0	23.50	23.53	24.04	24.7
3	16QAM	1	8	23.54	23.65	23.80	
3	16QAM	1	14	23.74	23.46	23.64	
3	16QAM	8	0	22.34	22.21	22.57	23.7
3	16QAM	8	4	22.37	22.23	22.46	
3	16QAM	8	7	22.29	22.20	22.50	
3	16QAM	15	0	22.28	22.25	22.62	
3	64QAM	1	0	22.56	22.35	22.64	23.7
3	64QAM	1	8	22.27	22.41	22.55	
3	64QAM	1	14	22.39	22.32	22.35	
3	64QAM	8	0	21.29	21.34	21.54	22.7
3	64QAM	8	4	21.21	21.24	21.57	
3	64QAM	8	7	21.20	21.17	21.53	
3	64QAM	15	0	21.26	21.32	21.56	
3	256QAM	1	0	19.47	19.45	19.61	20.7
3	256QAM	1	8	19.19	19.22	19.22	
3	256QAM	1	14	19.30	19.23	19.33	
3	256QAM	8	0	19.22	19.26	19.35	20.7
3	256QAM	8	4	19.17	19.12	19.13	
3	256QAM	8	7	19.02	19.21	19.33	
3	256QAM	15	0	19.15	19.20	19.30	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.41	24.34	24.64	25.7
1.4	QPSK	1	3	24.32	24.16	24.61	
1.4	QPSK	1	5	24.29	24.11	24.45	
1.4	QPSK	3	0	24.33	24.40	24.52	
1.4	QPSK	3	1	24.17	24.26	24.49	
1.4	QPSK	3	3	24.33	24.11	24.49	
1.4	QPSK	6	0	23.37	23.21	23.52	24.7
1.4	16QAM	1	0	23.35	23.28	23.51	24.7
1.4	16QAM	1	3	23.18	23.15	23.62	
1.4	16QAM	1	5	23.24	23.16	23.69	
1.4	16QAM	3	0	23.55	23.71	24.07	
1.4	16QAM	3	1	23.48	23.61	23.86	
1.4	16QAM	3	3	23.71	23.46	23.72	
1.4	16QAM	6	0	22.23	22.29	22.58	23.7
1.4	64QAM	1	0	22.37	22.24	22.63	23.7
1.4	64QAM	1	3	22.28	22.17	22.63	
1.4	64QAM	1	5	22.36	22.29	22.64	
1.4	64QAM	3	0	22.41	22.38	22.75	
1.4	64QAM	3	1	22.24	22.44	22.59	
1.4	64QAM	3	3	22.41	22.20	22.45	
1.4	64QAM	6	0	21.34	21.19	21.52	22.7
1.4	256QAM	1	0	19.50	19.53	19.63	20.7
1.4	256QAM	1	3	19.21	19.32	19.19	

1.4	256QAM	1	5	19.20	19.28	19.41	
1.4	256QAM	3	0	19.05	19.25	19.37	
1.4	256QAM	3	1	19.10	19.16	19.30	
1.4	256QAM	3	3	19.09	19.13	19.19	
1.4	256QAM	6	0	19.08	19.21	19.31	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.99	22.00	21.90	23.5
10	QPSK	1	25	21.89	21.82	21.99	
10	QPSK	1	49	21.94	21.84	21.97	
10	QPSK	25	0	21.96	21.95	21.99	23.5
10	QPSK	25	12	21.98	21.94	21.97	
10	QPSK	25	25	21.95	21.91	21.93	
10	QPSK	50	0	21.97	21.95	21.98	
10	16QAM	1	0	21.75	21.75	21.92	23.5
10	16QAM	1	25	21.66	21.69	21.86	
10	16QAM	1	49	21.72	21.66	21.73	
10	16QAM	25	0	21.91	21.98	21.93	23.5
10	16QAM	25	12	21.99	21.99	21.90	
10	16QAM	25	25	21.99	21.96	21.92	
10	16QAM	50	0	21.95	21.95	21.96	
10	64QAM	1	0	21.64	21.73	21.91	23.5
10	64QAM	1	25	21.59	21.64	21.84	
10	64QAM	1	49	21.71	21.70	21.72	
10	64QAM	25	0	21.48	21.46	21.78	22.7
10	64QAM	25	12	21.46	21.45	21.76	
10	64QAM	25	25	21.46	21.44	21.70	
10	64QAM	50	0	21.47	21.47	21.78	
10	256QAM	1	0	19.50	19.69	19.81	20.7
10	256QAM	1	25	19.22	19.33	19.35	
10	256QAM	1	49	19.28	19.45	19.42	
10	256QAM	25	0	19.22	19.34	19.41	20.7
10	256QAM	25	12	19.20	19.39	19.40	
10	256QAM	25	25	19.18	19.25	19.30	
10	256QAM	50	0	19.26	19.34	19.39	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.89	21.99	21.84	23.5
5	QPSK	1	12	21.76	21.66	21.84	
5	QPSK	1	24	21.87	21.77	21.78	
5	QPSK	12	0	21.77	21.95	21.92	23.5
5	QPSK	12	7	21.78	21.80	21.91	
5	QPSK	12	13	21.75	21.75	21.85	
5	QPSK	25	0	21.93	21.87	21.98	
5	16QAM	1	0	21.72	21.72	21.74	23.5
5	16QAM	1	12	21.55	21.51	21.85	
5	16QAM	1	24	21.67	21.63	21.54	
5	16QAM	12	0	21.82	21.88	21.82	23.5
5	16QAM	12	7	21.88	21.80	21.75	
5	16QAM	12	13	21.85	21.86	21.84	
5	16QAM	25	0	21.85	21.83	21.95	
5	64QAM	1	0	21.56	21.70	21.75	23.5
5	64QAM	1	12	21.50	21.53	21.78	
5	64QAM	1	24	21.70	21.67	21.58	
5	64QAM	12	0	21.40	21.38	21.77	22.7
5	64QAM	12	7	21.39	21.44	21.71	
5	64QAM	12	13	21.42	21.33	21.57	
5	64QAM	25	0	21.36	21.37	21.68	
5	256QAM	1	0	19.50	19.49	19.65	20.7
5	256QAM	1	12	19.18	19.33	19.28	
5	256QAM	1	24	19.15	19.40	19.28	

5	256QAM	12	0	19.07	19.34	19.37	20.7
5	256QAM	12	7	19.16	19.31	19.38	
5	256QAM	12	13	19.18	19.11	19.15	
5	256QAM	25	0	19.14	19.19	19.30	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.79	21.97	21.74	23.5
3	QPSK	1	8	21.82	21.63	21.88	
3	QPSK	1	14	21.84	21.67	21.90	
3	QPSK	8	0	21.79	21.83	21.97	23.5
3	QPSK	8	4	21.90	21.86	21.78	
3	QPSK	8	7	21.94	21.75	21.85	
3	QPSK	15	0	21.92	21.90	21.80	
3	16QAM	1	0	21.75	21.58	21.83	23.5
3	16QAM	1	8	21.66	21.50	21.69	
3	16QAM	1	14	21.70	21.62	21.53	
3	16QAM	8	0	21.73	21.90	21.93	23.5
3	16QAM	8	4	21.94	21.97	21.70	
3	16QAM	8	7	21.91	21.84	21.77	
3	16QAM	15	0	21.77	21.85	21.83	
3	64QAM	1	0	21.52	21.69	21.87	23.5
3	64QAM	1	8	21.52	21.55	21.81	
3	64QAM	1	14	21.70	21.63	21.52	
3	64QAM	8	0	21.31	21.27	21.62	22.7
3	64QAM	8	4	21.40	21.28	21.73	
3	64QAM	8	7	21.44	21.32	21.64	
3	64QAM	15	0	21.39	21.40	21.71	
3	256QAM	1	0	19.49	19.61	19.76	20.7
3	256QAM	1	8	19.14	19.13	19.35	
3	256QAM	1	14	19.24	19.32	19.35	
3	256QAM	8	0	19.18	19.18	19.23	20.7
3	256QAM	8	4	19.16	19.34	19.37	
3	256QAM	8	7	19.04	19.06	19.21	
3	256QAM	15	0	19.10	19.17	19.20	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.82	21.92	21.70	23.5
1.4	QPSK	1	3	21.87	21.74	21.95	
1.4	QPSK	1	5	21.88	21.78	21.88	
1.4	QPSK	3	0	21.76	21.80	21.81	
1.4	QPSK	3	1	21.78	21.87	21.89	
1.4	QPSK	3	3	21.84	21.88	21.76	
1.4	QPSK	6	0	21.78	21.89	21.83	23.5
1.4	16QAM	1	0	21.60	21.62	21.72	23.5
1.4	16QAM	1	3	21.50	21.59	21.71	
1.4	16QAM	1	5	21.60	21.50	21.56	
1.4	16QAM	3	0	21.89	21.96	21.78	
1.4	16QAM	3	1	21.85	21.88	21.88	
1.4	16QAM	3	3	21.83	21.94	21.77	
1.4	16QAM	6	0	21.91	21.94	21.93	23.5
1.4	64QAM	1	0	21.54	21.56	21.76	23.5
1.4	64QAM	1	3	21.58	21.51	21.75	
1.4	64QAM	1	5	21.59	21.63	21.60	
1.4	64QAM	3	0	21.58	21.59	21.65	
1.4	64QAM	3	1	21.55	21.58	21.74	
1.4	64QAM	3	3	21.52	21.50	21.62	
1.4	64QAM	6	0	21.40	21.45	21.60	22.7
1.4	256QAM	1	0	19.38	19.50	19.74	20.7
1.4	256QAM	1	3	19.05	19.25	19.32	

1.4	256QAM	1	5	19.09	19.29	19.40	
1.4	256QAM	3	0	19.20	19.23	19.30	
1.4	256QAM	3	1	19.09	19.27	19.25	
1.4	256QAM	3	3	19.10	19.19	19.19	
1.4	256QAM	6	0	19.08	19.16	19.20	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.99	22.00	21.90	22.7
10	QPSK	1	25	21.89	21.82	21.99	
10	QPSK	1	49	21.94	21.84	21.97	
10	QPSK	25	0	21.96	21.95	21.99	22.7
10	QPSK	25	12	21.98	21.94	21.97	
10	QPSK	25	25	21.95	21.91	21.93	
10	QPSK	50	0	21.97	21.95	21.98	
10	16QAM	1	0	21.75	21.75	21.92	22.7
10	16QAM	1	25	21.66	21.69	21.86	
10	16QAM	1	49	21.72	21.66	21.73	
10	16QAM	25	0	21.91	21.98	21.93	22.7
10	16QAM	25	12	21.99	21.99	21.90	
10	16QAM	25	25	21.99	21.96	21.92	
10	16QAM	50	0	21.95	21.95	21.96	
10	64QAM	1	0	21.64	21.73	21.91	22.7
10	64QAM	1	25	21.59	21.64	21.84	
10	64QAM	1	49	21.71	21.70	21.72	
10	64QAM	25	0	21.48	21.46	21.78	22.7
10	64QAM	25	12	21.46	21.45	21.76	
10	64QAM	25	25	21.46	21.44	21.70	
10	64QAM	50	0	21.47	21.47	21.78	
10	256QAM	1	0	19.50	19.69	19.81	20.7
10	256QAM	1	25	19.22	19.33	19.35	
10	256QAM	1	49	19.28	19.45	19.42	
10	256QAM	25	0	19.22	19.34	19.41	20.7
10	256QAM	25	12	19.20	19.39	19.40	
10	256QAM	25	25	19.18	19.25	19.30	
10	256QAM	50	0	19.26	19.34	19.39	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.89	21.99	21.84	22.7
5	QPSK	1	12	21.76	21.66	21.84	
5	QPSK	1	24	21.87	21.77	21.78	
5	QPSK	12	0	21.77	21.95	21.92	22.7
5	QPSK	12	7	21.78	21.80	21.91	
5	QPSK	12	13	21.75	21.75	21.85	
5	QPSK	25	0	21.93	21.87	21.98	
5	16QAM	1	0	21.72	21.72	21.74	22.7
5	16QAM	1	12	21.55	21.51	21.85	
5	16QAM	1	24	21.67	21.63	21.54	
5	16QAM	12	0	21.82	21.88	21.82	22.7
5	16QAM	12	7	21.88	21.80	21.75	
5	16QAM	12	13	21.85	21.86	21.84	
5	16QAM	25	0	21.85	21.83	21.95	
5	64QAM	1	0	21.56	21.70	21.75	22.7
5	64QAM	1	12	21.50	21.53	21.78	
5	64QAM	1	24	21.70	21.67	21.58	
5	64QAM	12	0	21.40	21.38	21.77	22.7

5	64QAM	12	7	21.39	21.44	21.71	
5	64QAM	12	13	21.42	21.33	21.57	
5	64QAM	25	0	21.36	21.37	21.68	
5	256QAM	1	0	19.50	19.49	19.65	20.7
5	256QAM	1	12	19.18	19.33	19.28	
5	256QAM	1	24	19.15	19.40	19.28	
5	256QAM	12	0	19.07	19.34	19.37	20.7
5	256QAM	12	7	19.16	19.31	19.38	
5	256QAM	12	13	19.18	19.11	19.15	
5	256QAM	25	0	19.14	19.19	19.30	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.79	21.97	21.74	22.7
3	QPSK	1	8	21.82	21.63	21.88	
3	QPSK	1	14	21.84	21.67	21.90	
3	QPSK	8	0	21.79	21.83	21.97	22.7
3	QPSK	8	4	21.90	21.86	21.78	
3	QPSK	8	7	21.94	21.75	21.85	
3	QPSK	15	0	21.92	21.90	21.80	
3	16QAM	1	0	21.75	21.58	21.83	22.7
3	16QAM	1	8	21.66	21.50	21.69	
3	16QAM	1	14	21.70	21.62	21.53	
3	16QAM	8	0	21.73	21.90	21.93	22.7
3	16QAM	8	4	21.94	21.97	21.70	
3	16QAM	8	7	21.91	21.84	21.77	
3	16QAM	15	0	21.77	21.85	21.83	
3	64QAM	1	0	21.52	21.69	21.87	22.7
3	64QAM	1	8	21.52	21.45	21.81	
3	64QAM	1	14	21.70	21.63	21.52	
3	64QAM	8	0	21.31	21.27	21.62	22.7
3	64QAM	8	4	21.40	21.28	21.73	
3	64QAM	8	7	21.44	21.32	21.64	
3	64QAM	15	0	21.39	21.40	21.71	
3	256QAM	1	0	19.49	19.61	19.76	20.7
3	256QAM	1	8	19.14	19.13	19.35	
3	256QAM	1	14	19.24	19.32	19.35	
3	256QAM	8	0	19.18	19.18	19.23	20.7
3	256QAM	8	4	19.16	19.34	19.37	
3	256QAM	8	7	19.04	19.06	19.21	
3	256QAM	15	0	19.10	19.17	19.20	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.82	21.92	21.70	22.7
1.4	QPSK	1	3	21.87	21.74	21.95	
1.4	QPSK	1	5	21.88	21.78	21.88	
1.4	QPSK	3	0	21.76	21.80	21.81	
1.4	QPSK	3	1	21.78	21.87	21.89	
1.4	QPSK	3	3	21.84	21.88	21.76	
1.4	QPSK	6	0	21.78	21.89	21.83	22.7
1.4	16QAM	1	0	21.60	21.62	21.72	22.7
1.4	16QAM	1	3	21.50	21.49	21.71	
1.4	16QAM	1	5	21.60	21.50	21.56	
1.4	16QAM	3	0	21.89	21.96	21.78	
1.4	16QAM	3	1	21.85	21.88	21.88	
1.4	16QAM	3	3	21.83	21.94	21.77	
1.4	16QAM	6	0	21.91	21.94	21.93	22.7
1.4	64QAM	1	0	21.44	21.56	21.76	22.7
1.4	64QAM	1	3	21.48	21.51	21.75	
1.4	64QAM	1	5	21.59	21.63	21.60	

1.4	64QAM	3	0	21.38	21.39	21.65	
1.4	64QAM	3	1	21.45	21.28	21.74	
1.4	64QAM	3	3	21.42	21.30	21.62	
1.4	64QAM	6	0	21.40	21.45	21.60	22.7
1.4	256QAM	1	0	19.38	19.50	19.74	20.7
1.4	256QAM	1	3	19.05	19.25	19.32	
1.4	256QAM	1	5	19.09	19.29	19.40	
1.4	256QAM	3	0	19.20	19.23	19.30	
1.4	256QAM	3	1	19.09	19.27	19.25	
1.4	256QAM	3	3	19.10	19.19	19.19	
1.4	256QAM	6	0	19.08	19.16	19.20	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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.46	24.44	24.65	25.7
10	QPSK	1	25	24.37	24.28	24.62	
10	QPSK	1	49	24.33	24.29	24.53	
10	QPSK	25	0	23.40	23.35	23.67	24.7
10	QPSK	25	12	23.35	23.31	23.69	
10	QPSK	25	25	23.33	23.29	23.64	
10	QPSK	50	0	23.35	23.33	23.70	
10	16QAM	1	0	23.67	23.71	24.08	24.7
10	16QAM	1	25	23.64	23.68	23.92	
10	16QAM	1	49	23.74	23.64	23.84	
10	16QAM	25	0	22.41	22.40	22.70	23.7
10	16QAM	25	12	22.38	22.35	22.66	
10	16QAM	25	25	22.37	22.32	22.64	
10	16QAM	50	0	22.36	22.32	22.66	
10	64QAM	1	0	22.57	22.55	22.84	23.7
10	64QAM	1	25	22.39	22.45	22.59	
10	64QAM	1	49	22.53	22.40	22.54	
10	64QAM	25	0	21.39	21.38	21.69	22.7
10	64QAM	25	12	21.38	21.37	21.66	
10	64QAM	25	25	21.35	21.34	21.62	
10	64QAM	50	0	21.39	21.34	21.69	
10	256QAM	1	0	19.57	19.63	19.71	20.7
10	256QAM	1	25	19.25	19.37	19.35	
10	256QAM	1	49	19.31	19.39	19.47	
10	256QAM	25	0	19.25	19.41	19.42	20.7
10	256QAM	25	12	19.21	19.32	19.32	
10	256QAM	25	25	19.21	19.28	19.35	
10	256QAM	50	0	19.21	19.31	19.33	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.45	24.39	24.52	25.7
5	QPSK	1	12	24.25	24.23	24.43	
5	QPSK	1	24	24.14	24.27	24.34	
5	QPSK	12	0	23.30	23.32	23.63	24.7
5	QPSK	12	7	23.24	23.30	23.49	
5	QPSK	12	13	23.20	23.23	23.62	
5	QPSK	25	0	23.16	23.16	23.51	
5	16QAM	1	0	23.48	23.56	23.98	24.7
5	16QAM	1	12	23.59	23.64	23.88	
5	16QAM	1	24	23.66	23.52	23.78	
5	16QAM	12	0	22.22	22.22	22.59	23.7
5	16QAM	12	7	22.18	22.28	22.48	

5	16QAM	12	13	22.24	22.28	22.62	
5	16QAM	25	0	22.26	22.19	22.59	
5	64QAM	1	0	22.42	22.35	22.81	23.7
5	64QAM	1	12	22.23	22.41	22.49	
5	64QAM	1	24	22.47	22.29	22.38	
5	64QAM	12	0	21.36	21.38	21.49	22.7
5	64QAM	12	7	21.18	21.30	21.48	
5	64QAM	12	13	21.35	21.25	21.44	
5	64QAM	25	0	21.34	21.30	21.61	
5	256QAM	1	0	19.37	19.56	19.63	20.7
5	256QAM	1	12	19.05	19.25	19.31	
5	256QAM	1	24	19.24	19.20	19.27	
5	256QAM	12	0	19.25	19.41	19.38	20.7
5	256QAM	12	7	19.17	19.17	19.22	
5	256QAM	12	13	19.19	19.18	19.29	
5	256QAM	25	0	19.15	19.29	19.30	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.45	24.28	24.48	25.7
3	QPSK	1	8	24.36	24.24	24.53	
3	QPSK	1	14	24.33	24.19	24.52	
3	QPSK	8	0	23.29	23.34	23.61	24.7
3	QPSK	8	4	23.35	23.28	23.56	
3	QPSK	8	7	23.14	23.16	23.64	
3	QPSK	15	0	23.25	23.29	23.67	
3	16QAM	1	0	23.50	23.53	24.04	24.7
3	16QAM	1	8	23.54	23.65	23.80	
3	16QAM	1	14	23.74	23.46	23.64	
3	16QAM	8	0	22.34	22.21	22.57	23.7
3	16QAM	8	4	22.37	22.23	22.46	
3	16QAM	8	7	22.29	22.20	22.50	
3	16QAM	15	0	22.28	22.25	22.62	
3	64QAM	1	0	22.56	22.35	22.64	23.7
3	64QAM	1	8	22.27	22.41	22.55	
3	64QAM	1	14	22.39	22.32	22.35	
3	64QAM	8	0	21.29	21.34	21.54	22.7
3	64QAM	8	4	21.21	21.24	21.57	
3	64QAM	8	7	21.20	21.17	21.53	
3	64QAM	15	0	21.26	21.32	21.56	
3	256QAM	1	0	19.47	19.45	19.61	20.7
3	256QAM	1	8	19.19	19.22	19.22	
3	256QAM	1	14	19.30	19.23	19.33	
3	256QAM	8	0	19.22	19.26	19.35	20.7
3	256QAM	8	4	19.17	19.12	19.13	
3	256QAM	8	7	19.02	19.21	19.33	
3	256QAM	15	0	19.15	19.20	19.30	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.41	24.34	24.64	25.7
1.4	QPSK	1	3	24.32	24.16	24.61	
1.4	QPSK	1	5	24.29	24.11	24.45	
1.4	QPSK	3	0	24.33	24.40	24.52	
1.4	QPSK	3	1	24.17	24.26	24.49	
1.4	QPSK	3	3	24.33	24.11	24.49	
1.4	QPSK	6	0	23.37	23.21	23.52	24.7
1.4	16QAM	1	0	23.35	23.28	23.51	24.7
1.4	16QAM	1	3	23.18	23.15	23.62	
1.4	16QAM	1	5	23.24	23.16	23.69	
1.4	16QAM	3	0	23.55	23.71	24.07	

1.4	16QAM	3	1	23.48	23.61	23.86	
1.4	16QAM	3	3	23.71	23.46	23.72	
1.4	16QAM	6	0	22.23	22.29	22.58	23.7
1.4	64QAM	1	0	22.37	22.24	22.63	23.7
1.4	64QAM	1	3	22.28	22.17	22.63	
1.4	64QAM	1	5	22.36	22.29	22.64	
1.4	64QAM	3	0	22.41	22.38	22.75	
1.4	64QAM	3	1	22.24	22.44	22.59	
1.4	64QAM	3	3	22.41	22.20	22.45	
1.4	64QAM	6	0	21.34	21.19	21.52	22.7
1.4	256QAM	1	0	19.50	19.53	19.63	20.7
1.4	256QAM	1	3	19.21	19.32	19.19	
1.4	256QAM	1	5	19.20	19.28	19.41	
1.4	256QAM	3	0	19.05	19.25	19.37	
1.4	256QAM	3	1	19.10	19.16	19.30	
1.4	256QAM	3	3	19.09	19.13	19.19	
1.4	256QAM	6	0	19.08	19.21	19.31	20.7

<LTE Band 7_Ant 2_TX0_Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.74	24.60	24.82	25.7
20	QPSK	1	49	24.73	24.57	24.73	
20	QPSK	1	99	24.72	24.49	24.78	
20	QPSK	50	0	23.77	23.72	23.79	24.7
20	QPSK	50	24	23.72	23.70	23.78	
20	QPSK	50	50	23.71	23.71	23.75	
20	QPSK	100	0	23.73	23.63	23.76	
20	16QAM	1	0	24.00	24.01	24.16	24.7
20	16QAM	1	49	24.07	23.95	24.21	
20	16QAM	1	99	24.05	23.91	24.19	
20	16QAM	50	0	22.74	22.69	22.84	23.7
20	16QAM	50	24	22.74	22.66	22.86	
20	16QAM	50	50	22.78	22.67	22.87	
20	16QAM	100	0	22.71	22.63	22.79	
20	64QAM	1	0	23.02	22.80	23.14	23.7
20	64QAM	1	49	23.04	22.82	22.92	
20	64QAM	1	99	23.10	22.82	23.00	
20	64QAM	50	0	21.79	21.69	21.84	22.7
20	64QAM	50	24	21.81	21.72	21.84	
20	64QAM	50	50	21.84	21.70	21.88	
20	64QAM	100	0	21.76	21.64	21.79	
20	256QAM	1	0	19.93	19.77	20.00	20.7
20	256QAM	1	49	19.73	19.59	19.78	
20	256QAM	1	99	19.52	19.46	19.69	
20	256QAM	50	0	19.64	19.57	19.77	20.7
20	256QAM	50	24	19.75	19.60	19.75	
20	256QAM	50	50	19.66	19.51	19.70	
20	256QAM	100	0	19.67	19.53	19.75	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.58	24.40	24.77	25.7
15	QPSK	1	37	24.72	24.40	24.53	
15	QPSK	1	74	24.62	24.46	24.75	
15	QPSK	36	0	23.63	23.62	23.64	24.7
15	QPSK	36	20	23.52	23.52	23.66	
15	QPSK	36	39	23.66	23.62	23.63	

15	QPSK	75	0	23.64	23.50	23.76	
15	16QAM	1	0	23.98	23.87	23.97	24.7
15	16QAM	1	37	23.98	23.89	24.01	
15	16QAM	1	74	23.95	23.84	24.11	
15	16QAM	36	0	22.57	22.61	22.72	23.7
15	16QAM	36	20	22.63	22.52	22.77	
15	16QAM	36	39	22.59	22.52	22.75	
15	16QAM	75	0	22.55	22.62	22.67	
15	64QAM	1	0	22.94	22.71	23.00	23.7
15	64QAM	1	37	22.89	22.71	22.88	
15	64QAM	1	74	23.09	22.64	22.82	
15	64QAM	36	0	21.75	21.57	21.67	22.7
15	64QAM	36	20	21.76	21.63	21.67	
15	64QAM	36	39	21.79	21.64	21.83	
15	64QAM	75	0	21.72	21.44	21.72	
15	256QAM	1	0	19.88	19.77	19.85	20.7
15	256QAM	1	37	19.66	19.39	19.76	
15	256QAM	1	74	19.34	19.33	19.53	
15	256QAM	36	0	19.62	19.52	19.67	20.7
15	256QAM	36	20	19.67	19.56	19.73	
15	256QAM	36	39	19.48	19.31	19.61	
15	256QAM	75	0	19.47	19.40	19.57	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.65	24.43	24.81	25.7
10	QPSK	1	25	24.53	24.41	24.54	
10	QPSK	1	49	24.53	24.46	24.61	
10	QPSK	25	0	23.66	23.54	23.73	24.7
10	QPSK	25	12	23.54	23.70	23.72	
10	QPSK	25	25	23.70	23.61	23.75	
10	QPSK	50	0	23.66	23.53	23.63	
10	16QAM	1	0	23.97	23.85	24.04	24.7
10	16QAM	1	25	23.87	23.81	24.02	
10	16QAM	1	49	23.93	23.73	24.13	
10	16QAM	25	0	22.55	22.66	22.73	23.7
10	16QAM	25	12	22.62	22.54	22.86	
10	16QAM	25	25	22.62	22.66	22.68	
10	16QAM	50	0	22.70	22.62	22.75	
10	64QAM	1	0	22.94	22.80	23.10	23.7
10	64QAM	1	25	22.84	22.63	22.85	
10	64QAM	1	49	22.92	22.62	22.86	
10	64QAM	25	0	21.64	21.57	21.81	22.7
10	64QAM	25	12	21.64	21.72	21.76	
10	64QAM	25	25	21.83	21.62	21.82	
10	64QAM	50	0	21.67	21.60	21.63	
10	256QAM	1	0	19.86	19.72	20.00	20.7
10	256QAM	1	25	19.65	19.48	19.76	
10	256QAM	1	49	19.40	19.26	19.65	
10	256QAM	25	0	19.56	19.52	19.77	20.7
10	256QAM	25	12	19.57	19.48	19.64	
10	256QAM	25	25	19.63	19.36	19.55	
10	256QAM	50	0	19.56	19.40	19.75	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.68	24.59	24.73	25.7
5	QPSK	1	12	24.73	24.39	24.72	
5	QPSK	1	24	24.68	24.41	24.74	
5	QPSK	12	0	23.63	23.57	23.65	24.7
5	QPSK	12	7	23.66	23.52	23.58	

5	QPSK	12	13	23.67	23.66	23.68	
5	QPSK	25	0	23.55	23.62	23.61	
5	16QAM	1	0	23.88	23.89	24.06	24.7
5	16QAM	1	12	23.87	23.89	24.16	
5	16QAM	1	24	23.99	23.73	24.13	
5	16QAM	12	0	22.57	22.68	22.83	23.7
5	16QAM	12	7	22.62	22.63	22.73	
5	16QAM	12	13	22.71	22.47	22.73	
5	16QAM	25	0	22.56	22.62	22.72	
5	64QAM	1	0	22.87	22.73	23.13	23.7
5	64QAM	1	12	23.03	22.63	22.74	
5	64QAM	1	24	22.92	22.78	22.96	
5	64QAM	12	0	21.77	21.54	21.67	22.7
5	64QAM	12	7	21.78	21.67	21.66	
5	64QAM	12	13	21.69	21.63	21.72	
5	64QAM	25	0	21.72	21.45	21.67	
5	256QAM	1	0	19.90	19.74	19.96	20.7
5	256QAM	1	12	19.67	19.55	19.67	
5	256QAM	1	24	19.48	19.46	19.59	
5	256QAM	12	0	19.53	19.44	19.69	20.7
5	256QAM	12	7	19.65	19.57	19.63	
5	256QAM	12	13	19.47	19.35	19.63	
5	256QAM	25	0	19.65	19.43	19.74	

<LTE Band 7_Ant 2_TX0_Index 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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.25	18.15	18.29	18.5
20	QPSK	1	49	18.21	18.12	18.21	
20	QPSK	1	99	18.21	18.11	18.23	
20	QPSK	50	0	18.21	18.14	18.27	18.5
20	QPSK	50	24	18.12	18.14	18.27	
20	QPSK	50	50	18.15	18.11	18.22	
20	QPSK	100	0	18.24	18.11	18.27	
20	16QAM	1	0	17.93	17.97	18.14	18.5
20	16QAM	1	49	18.00	18.08	18.21	
20	16QAM	1	99	18.01	17.91	18.06	
20	16QAM	50	0	18.19	18.21	18.23	18.5
20	16QAM	50	24	18.20	18.21	18.25	
20	16QAM	50	50	18.11	18.20	18.26	
20	16QAM	100	0	18.19	18.18	18.22	
20	64QAM	1	0	18.04	17.95	18.00	18.5
20	64QAM	1	49	17.91	17.95	18.10	
20	64QAM	1	99	18.07	17.89	18.09	
20	64QAM	50	0	18.24	18.24	18.27	18.5
20	64QAM	50	24	18.25	18.24	18.19	
20	64QAM	50	50	18.24	18.21	18.21	
20	64QAM	100	0	18.23	18.21	18.27	
20	256QAM	1	0	18.18	18.18	18.06	18.5
20	256QAM	1	49	18.09	18.06	18.06	
20	256QAM	1	99	18.10	18.19	18.17	
20	256QAM	50	0	18.18	18.06	18.08	18.5
20	256QAM	50	24	18.16	18.06	18.12	
20	256QAM	50	50	18.14	18.11	18.18	
20	256QAM	100	0	18.25	18.18	18.13	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	

15	QPSK	1	0	18.12	17.96	18.10	18.5
15	QPSK	1	37	18.08	17.95	18.13	
15	QPSK	1	74	18.20	17.91	18.04	
15	QPSK	36	0	18.05	17.98	18.18	18.5
15	QPSK	36	20	18.12	18.07	18.15	
15	QPSK	36	39	18.25	18.08	18.18	
15	QPSK	75	0	18.20	17.99	18.14	
15	16QAM	1	0	17.88	17.87	17.98	18.5
15	16QAM	1	37	17.92	18.02	18.16	
15	16QAM	1	74	17.97	17.81	17.93	
15	16QAM	36	0	18.11	18.19	18.15	18.5
15	16QAM	36	20	18.17	18.08	18.11	
15	16QAM	36	39	17.94	18.09	18.12	
15	16QAM	75	0	18.11	18.12	18.07	
15	64QAM	1	0	17.85	17.79	17.89	18.5
15	64QAM	1	37	17.85	17.90	17.96	
15	64QAM	1	74	17.98	17.75	18.02	
15	64QAM	36	0	18.11	18.11	18.14	18.5
15	64QAM	36	20	18.18	18.22	18.01	
15	64QAM	36	39	18.22	18.09	18.05	
15	64QAM	75	0	18.06	18.09	18.07	
15	256QAM	1	0	18.01	18.16	18.02	18.5
15	256QAM	1	37	17.93	17.95	17.86	
15	256QAM	1	74	17.97	18.11	18.13	
15	256QAM	36	0	18.15	17.87	18.01	18.5
15	256QAM	36	20	18.16	17.87	18.11	
15	256QAM	36	39	18.04	17.94	18.06	
15	256QAM	75	0	18.18	17.98	18.05	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.24	17.96	18.21	18.5
10	QPSK	1	25	18.18	18.08	18.12	
10	QPSK	1	49	18.09	18.01	18.07	
10	QPSK	25	0	18.13	17.96	18.24	18.5
10	QPSK	25	12	18.08	17.97	18.10	
10	QPSK	25	25	18.14	18.07	18.15	
10	QPSK	50	0	18.17	18.01	18.22	
10	16QAM	1	0	17.77	17.85	18.06	18.5
10	16QAM	1	25	17.89	17.93	18.11	
10	16QAM	1	49	17.88	17.88	17.89	
10	16QAM	25	0	18.15	18.10	18.13	18.5
10	16QAM	25	12	18.13	18.02	18.09	
10	16QAM	25	25	17.91	18.09	18.10	
10	16QAM	50	0	18.12	18.08	18.07	
10	64QAM	1	0	17.86	17.95	17.89	18.5
10	64QAM	1	25	17.71	17.82	18.05	
10	64QAM	1	49	18.04	17.69	18.04	
10	64QAM	25	0	18.10	18.15	18.08	18.5
10	64QAM	25	12	18.07	18.08	18.14	
10	64QAM	25	25	18.20	18.09	18.07	
10	64QAM	50	0	18.10	18.15	18.22	
10	256QAM	1	0	18.09	18.02	17.92	18.5
10	256QAM	1	25	17.95	17.87	18.02	
10	256QAM	1	49	17.90	18.14	17.99	
10	256QAM	25	0	17.98	17.87	18.08	18.5
10	256QAM	25	12	18.06	18.05	18.06	
10	256QAM	25	25	18.14	18.06	18.04	
10	256QAM	50	0	18.25	18.08	18.03	
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.06	17.96	18.09	18.5
5	QPSK	1	12	18.15	18.00	18.10	
5	QPSK	1	24	18.04	18.11	18.14	
5	QPSK	12	0	18.20	17.94	18.22	18.5
5	QPSK	12	7	18.14	18.09	18.26	
5	QPSK	12	13	18.09	17.93	18.16	
5	QPSK	25	0	18.14	17.99	18.25	
5	16QAM	1	0	17.81	17.93	17.95	18.5
5	16QAM	1	12	17.93	18.00	18.07	
5	16QAM	1	24	17.91	17.78	17.94	
5	16QAM	12	0	18.08	18.12	18.23	18.5
5	16QAM	12	7	18.11	18.20	18.14	
5	16QAM	12	13	17.97	18.09	18.07	
5	16QAM	25	0	18.19	18.16	18.07	
5	64QAM	1	0	17.96	17.80	17.93	18.5
5	64QAM	1	12	17.86	17.95	17.92	
5	64QAM	1	24	18.02	17.69	18.03	
5	64QAM	12	0	18.05	18.22	18.27	18.5
5	64QAM	12	7	18.09	18.13	18.05	
5	64QAM	12	13	18.14	18.16	18.20	
5	64QAM	25	0	18.08	18.01	18.10	
5	256QAM	1	0	17.98	18.10	17.90	18.5
5	256QAM	1	12	18.07	17.93	18.06	
5	256QAM	1	24	17.98	18.12	18.07	
5	256QAM	12	0	18.02	17.94	18.02	18.5
5	256QAM	12	7	18.02	17.93	18.00	
5	256QAM	12	13	18.09	17.92	18.02	
5	256QAM	25	0	18.12	18.05	17.93	

<LTE Band 7_Ant 2_TX0_Index 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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.65	19.59	19.73	20.7
20	QPSK	1	49	19.64	19.54	19.68	
20	QPSK	1	99	19.59	19.57	19.70	
20	QPSK	50	0	19.66	19.66	19.70	20.7
20	QPSK	50	24	19.59	19.63	19.65	
20	QPSK	50	50	19.65	19.60	19.60	
20	QPSK	100	0	19.63	19.62	19.72	
20	16QAM	1	0	19.53	19.35	19.51	20.7
20	16QAM	1	49	19.61	19.39	19.56	
20	16QAM	1	99	19.50	19.39	19.45	
20	16QAM	50	0	19.72	19.66	19.65	20.7
20	16QAM	50	24	19.64	19.66	19.68	
20	16QAM	50	50	19.68	19.62	19.69	
20	16QAM	100	0	19.63	19.62	19.64	
20	64QAM	1	0	19.53	19.32	19.57	20.7
20	64QAM	1	49	19.46	19.39	19.47	
20	64QAM	1	99	19.55	19.35	19.39	
20	64QAM	50	0	19.66	19.69	19.71	20.7
20	64QAM	50	24	19.67	19.67	19.72	
20	64QAM	50	50	19.70	19.65	19.72	
20	64QAM	100	0	19.65	19.65	19.68	
20	256QAM	1	0	19.72	19.48	19.69	20.7
20	256QAM	1	49	19.45	19.36	19.58	
20	256QAM	1	99	19.31	19.26	19.42	

20	256QAM	50	0	19.35	19.35	19.57	20.7
20	256QAM	50	24	19.50	19.36	19.55	
20	256QAM	50	50	19.46	19.25	19.44	
20	256QAM	100	0	19.41	19.27	19.45	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.55	19.39	19.72	20.7
15	QPSK	1	37	19.56	19.49	19.66	
15	QPSK	1	74	19.54	19.54	19.64	
15	QPSK	36	0	19.50	19.63	19.60	20.7
15	QPSK	36	20	19.46	19.58	19.52	
15	QPSK	36	39	19.52	19.48	19.43	
15	QPSK	75	0	19.63	19.42	19.66	
15	16QAM	1	0	19.52	19.27	19.36	20.7
15	16QAM	1	37	19.46	19.23	19.48	
15	16QAM	1	74	19.50	19.20	19.30	
15	16QAM	36	0	19.65	19.61	19.47	20.7
15	16QAM	36	20	19.58	19.60	19.56	
15	16QAM	36	39	19.50	19.61	19.57	
15	16QAM	75	0	19.63	19.46	19.60	
15	64QAM	1	0	19.51	19.19	19.43	20.7
15	64QAM	1	37	19.45	19.25	19.35	
15	64QAM	1	74	19.44	19.33	19.38	
15	64QAM	36	0	19.49	19.56	19.71	20.7
15	64QAM	36	20	19.66	19.64	19.65	
15	64QAM	36	39	19.62	19.54	19.53	
15	64QAM	75	0	19.64	19.45	19.56	
15	256QAM	1	0	19.62	19.38	19.60	20.7
15	256QAM	1	37	19.45	19.34	19.53	
15	256QAM	1	74	19.18	19.23	19.37	
15	256QAM	36	0	19.17	19.28	19.45	20.7
15	256QAM	36	20	19.44	19.30	19.53	
15	256QAM	36	39	19.44	19.12	19.42	
15	256QAM	75	0	19.34	19.09	19.26	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.48	19.46	19.68	20.7
10	QPSK	1	25	19.49	19.40	19.63	
10	QPSK	1	49	19.50	19.49	19.56	
10	QPSK	25	0	19.55	19.62	19.64	20.7
10	QPSK	25	12	19.48	19.54	19.60	
10	QPSK	25	25	19.63	19.60	19.57	
10	QPSK	50	0	19.52	19.48	19.62	
10	16QAM	1	0	19.51	19.16	19.41	20.7
10	16QAM	1	25	19.54	19.39	19.56	
10	16QAM	1	49	19.37	19.35	19.40	
10	16QAM	25	0	19.62	19.56	19.51	20.7
10	16QAM	25	12	19.55	19.66	19.64	
10	16QAM	25	25	19.54	19.47	19.63	
10	16QAM	50	0	19.63	19.54	19.51	
10	64QAM	1	0	19.39	19.18	19.49	20.7
10	64QAM	1	25	19.45	19.29	19.41	
10	64QAM	1	49	19.49	19.35	19.34	
10	64QAM	25	0	19.56	19.64	19.64	20.7
10	64QAM	25	12	19.57	19.60	19.67	
10	64QAM	25	25	19.69	19.55	19.60	
10	64QAM	50	0	19.50	19.54	19.54	
10	256QAM	1	0	19.56	19.32	19.57	20.7
10	256QAM	1	25	19.42	19.19	19.57	

10	256QAM	1	49	19.23	19.17	19.32	
10	256QAM	25	0	19.23	19.27	19.41	20.7
10	256QAM	25	12	19.40	19.31	19.38	
10	256QAM	25	25	19.28	19.10	19.34	
10	256QAM	50	0	19.41	19.08	19.25	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.47	19.53	19.61	20.7
5	QPSK	1	12	19.59	19.53	19.64	
5	QPSK	1	24	19.40	19.42	19.53	
5	QPSK	12	0	19.56	19.56	19.61	20.7
5	QPSK	12	7	19.42	19.63	19.51	
5	QPSK	12	13	19.47	19.47	19.47	
5	QPSK	25	0	19.58	19.42	19.62	
5	16QAM	1	0	19.34	19.35	19.41	20.7
5	16QAM	1	12	19.56	19.33	19.54	
5	16QAM	1	24	19.48	19.34	19.34	
5	16QAM	12	0	19.70	19.58	19.59	20.7
5	16QAM	12	7	19.49	19.54	19.66	
5	16QAM	12	13	19.67	19.46	19.60	
5	16QAM	25	0	19.57	19.45	19.54	
5	64QAM	1	0	19.50	19.18	19.41	20.7
5	64QAM	1	12	19.30	19.32	19.41	
5	64QAM	1	24	19.36	19.32	19.38	
5	64QAM	12	0	19.61	19.56	19.61	20.7
5	64QAM	12	7	19.50	19.62	19.53	
5	64QAM	12	13	19.54	19.60	19.69	
5	64QAM	25	0	19.65	19.55	19.48	
5	256QAM	1	0	19.65	19.35	19.59	20.7
5	256QAM	1	12	19.45	19.25	19.38	
5	256QAM	1	24	19.11	19.18	19.38	
5	256QAM	12	0	19.16	19.26	19.40	20.7
5	256QAM	12	7	19.43	19.34	19.54	
5	256QAM	12	13	19.38	19.19	19.34	
5	256QAM	25	0	19.29	19.27	19.45	

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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	19.65	19.59	19.73	19.9
20	QPSK	1	49	19.64	19.54	19.68	
20	QPSK	1	99	19.59	19.57	19.70	
20	QPSK	50	0	19.66	19.66	19.70	19.9
20	QPSK	50	24	19.59	19.63	19.65	
20	QPSK	50	50	19.65	19.60	19.60	
20	QPSK	100	0	19.63	19.62	19.72	
20	16QAM	1	0	19.53	19.35	19.51	19.9
20	16QAM	1	49	19.61	19.39	19.56	
20	16QAM	1	99	19.50	19.39	19.45	
20	16QAM	50	0	19.72	19.66	19.65	19.9
20	16QAM	50	24	19.64	19.66	19.68	
20	16QAM	50	50	19.68	19.62	19.69	
20	16QAM	100	0	19.63	19.62	19.64	
20	64QAM	1	0	19.53	19.32	19.57	19.9
20	64QAM	1	49	19.46	19.39	19.47	
20	64QAM	1	99	19.55	19.35	19.39	
20	64QAM	50	0	19.66	19.69	19.71	19.9

20	64QAM	50	24	19.67	19.67	19.72	
20	64QAM	50	50	19.70	19.65	19.72	
20	64QAM	100	0	19.65	19.65	19.68	
20	256QAM	1	0	19.72	19.48	19.69	19.9
20	256QAM	1	49	19.45	19.36	19.58	
20	256QAM	1	99	19.31	19.26	19.42	
20	256QAM	50	0	19.35	19.35	19.57	19.9
20	256QAM	50	24	19.50	19.36	19.55	
20	256QAM	50	50	19.46	19.25	19.44	
20	256QAM	100	0	19.41	19.27	19.45	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.55	19.39	19.72	19.9
15	QPSK	1	37	19.56	19.49	19.66	
15	QPSK	1	74	19.54	19.54	19.64	
15	QPSK	36	0	19.50	19.63	19.60	19.9
15	QPSK	36	20	19.46	19.58	19.52	
15	QPSK	36	39	19.52	19.48	19.43	
15	QPSK	75	0	19.63	19.42	19.66	
15	16QAM	1	0	19.52	19.27	19.36	19.9
15	16QAM	1	37	19.46	19.23	19.48	
15	16QAM	1	74	19.50	19.20	19.30	
15	16QAM	36	0	19.65	19.61	19.47	19.9
15	16QAM	36	20	19.58	19.60	19.56	
15	16QAM	36	39	19.50	19.61	19.57	
15	16QAM	75	0	19.63	19.46	19.60	
15	64QAM	1	0	19.51	19.19	19.43	19.9
15	64QAM	1	37	19.45	19.25	19.35	
15	64QAM	1	74	19.44	19.33	19.38	
15	64QAM	36	0	19.49	19.56	19.71	19.9
15	64QAM	36	20	19.66	19.64	19.65	
15	64QAM	36	39	19.62	19.54	19.53	
15	64QAM	75	0	19.64	19.45	19.56	
15	256QAM	1	0	19.62	19.38	19.60	19.9
15	256QAM	1	37	19.45	19.34	19.53	
15	256QAM	1	74	19.18	19.23	19.37	
15	256QAM	36	0	19.17	19.28	19.45	19.9
15	256QAM	36	20	19.44	19.30	19.53	
15	256QAM	36	39	19.44	19.12	19.42	
15	256QAM	75	0	19.34	19.09	19.26	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.48	19.46	19.68	19.9
10	QPSK	1	25	19.49	19.40	19.63	
10	QPSK	1	49	19.50	19.49	19.56	
10	QPSK	25	0	19.55	19.62	19.64	19.9
10	QPSK	25	12	19.48	19.54	19.60	
10	QPSK	25	25	19.63	19.60	19.57	
10	QPSK	50	0	19.52	19.48	19.62	
10	16QAM	1	0	19.51	19.16	19.41	19.9
10	16QAM	1	25	19.54	19.39	19.56	
10	16QAM	1	49	19.37	19.35	19.40	
10	16QAM	25	0	19.62	19.56	19.51	19.9
10	16QAM	25	12	19.55	19.66	19.64	
10	16QAM	25	25	19.54	19.47	19.63	
10	16QAM	50	0	19.63	19.54	19.51	
10	64QAM	1	0	19.39	19.18	19.49	19.9
10	64QAM	1	25	19.45	19.29	19.41	
10	64QAM	1	49	19.49	19.35	19.34	

10	64QAM	25	0	19.56	19.64	19.64	19.9
10	64QAM	25	12	19.57	19.60	19.67	
10	64QAM	25	25	19.69	19.55	19.60	
10	64QAM	50	0	19.50	19.54	19.54	
10	256QAM	1	0	19.56	19.32	19.57	19.9
10	256QAM	1	25	19.42	19.19	19.57	
10	256QAM	1	49	19.23	19.17	19.32	
10	256QAM	25	0	19.23	19.27	19.41	19.9
10	256QAM	25	12	19.40	19.31	19.38	
10	256QAM	25	25	19.28	19.10	19.34	
10	256QAM	50	0	19.41	19.08	19.25	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.47	19.53	19.61	19.9
5	QPSK	1	12	19.59	19.53	19.64	
5	QPSK	1	24	19.40	19.42	19.53	
5	QPSK	12	0	19.56	19.56	19.61	19.9
5	QPSK	12	7	19.42	19.63	19.51	
5	QPSK	12	13	19.47	19.47	19.47	
5	QPSK	25	0	19.58	19.42	19.62	
5	16QAM	1	0	19.34	19.35	19.41	19.9
5	16QAM	1	12	19.56	19.33	19.54	
5	16QAM	1	24	19.48	19.34	19.34	
5	16QAM	12	0	19.70	19.58	19.59	19.9
5	16QAM	12	7	19.49	19.54	19.66	
5	16QAM	12	13	19.67	19.46	19.60	
5	16QAM	25	0	19.57	19.45	19.54	
5	64QAM	1	0	19.50	19.18	19.41	19.9
5	64QAM	1	12	19.30	19.32	19.41	
5	64QAM	1	24	19.36	19.32	19.38	
5	64QAM	12	0	19.61	19.56	19.61	19.9
5	64QAM	12	7	19.50	19.62	19.53	
5	64QAM	12	13	19.54	19.60	19.69	
5	64QAM	25	0	19.65	19.55	19.48	
5	256QAM	1	0	19.65	19.35	19.59	19.9
5	256QAM	1	12	19.45	19.25	19.38	
5	256QAM	1	24	19.11	19.18	19.38	
5	256QAM	12	0	19.16	19.26	19.40	19.9
5	256QAM	12	7	19.43	19.34	19.54	
5	256QAM	12	13	19.38	19.19	19.34	
5	256QAM	25	0	19.29	19.27	19.45	

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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	24.74	24.60	24.82	25.7
20	QPSK	1	49	24.73	24.57	24.73	
20	QPSK	1	99	24.72	24.49	24.78	
20	QPSK	50	0	23.77	23.72	23.79	24.7
20	QPSK	50	24	23.72	23.70	23.78	
20	QPSK	50	50	23.71	23.71	23.75	
20	QPSK	100	0	23.73	23.63	23.76	
20	16QAM	1	0	24.00	24.01	24.16	24.7
20	16QAM	1	49	24.07	23.95	24.21	
20	16QAM	1	99	24.05	23.91	24.19	
20	16QAM	50	0	22.74	22.69	22.84	23.7
20	16QAM	50	24	22.74	22.66	22.86	

20	16QAM	50	50	22.78	22.67	22.87	
20	16QAM	100	0	22.71	22.63	22.79	
20	64QAM	1	0	23.02	22.80	23.14	23.7
20	64QAM	1	49	23.04	22.82	22.92	
20	64QAM	1	99	23.10	22.82	23.00	
20	64QAM	50	0	21.79	21.69	21.84	22.7
20	64QAM	50	24	21.81	21.72	21.84	
20	64QAM	50	50	21.84	21.70	21.88	
20	64QAM	100	0	21.76	21.64	21.79	
20	256QAM	1	0	19.93	19.77	20.00	20.7
20	256QAM	1	49	19.73	19.59	19.78	
20	256QAM	1	99	19.52	19.46	19.69	
20	256QAM	50	0	19.64	19.57	19.77	20.7
20	256QAM	50	24	19.75	19.60	19.75	
20	256QAM	50	50	19.66	19.51	19.70	
20	256QAM	100	0	19.67	19.53	19.75	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.58	24.40	24.77	25.7
15	QPSK	1	37	24.72	24.40	24.53	
15	QPSK	1	74	24.62	24.46	24.75	
15	QPSK	36	0	23.63	23.62	23.64	24.7
15	QPSK	36	20	23.52	23.52	23.66	
15	QPSK	36	39	23.66	23.62	23.63	
15	QPSK	75	0	23.64	23.50	23.76	
15	16QAM	1	0	23.98	23.87	23.97	24.7
15	16QAM	1	37	23.98	23.89	24.01	
15	16QAM	1	74	23.95	23.84	24.11	
15	16QAM	36	0	22.57	22.61	22.72	23.7
15	16QAM	36	20	22.63	22.52	22.77	
15	16QAM	36	39	22.59	22.52	22.75	
15	16QAM	75	0	22.55	22.62	22.67	
15	64QAM	1	0	22.94	22.71	23.00	23.7
15	64QAM	1	37	22.89	22.71	22.88	
15	64QAM	1	74	23.09	22.64	22.82	
15	64QAM	36	0	21.75	21.57	21.67	22.7
15	64QAM	36	20	21.76	21.63	21.67	
15	64QAM	36	39	21.79	21.64	21.83	
15	64QAM	75	0	21.72	21.44	21.72	
15	256QAM	1	0	19.88	19.77	19.85	20.7
15	256QAM	1	37	19.66	19.39	19.76	
15	256QAM	1	74	19.34	19.33	19.53	
15	256QAM	36	0	19.62	19.52	19.67	20.7
15	256QAM	36	20	19.67	19.56	19.73	
15	256QAM	36	39	19.48	19.31	19.61	
15	256QAM	75	0	19.47	19.40	19.57	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.65	24.43	24.81	25.7
10	QPSK	1	25	24.53	24.41	24.54	
10	QPSK	1	49	24.53	24.46	24.61	
10	QPSK	25	0	23.66	23.54	23.73	24.7
10	QPSK	25	12	23.54	23.70	23.72	
10	QPSK	25	25	23.70	23.61	23.75	
10	QPSK	50	0	23.66	23.53	23.63	
10	16QAM	1	0	23.97	23.85	24.04	24.7
10	16QAM	1	25	23.87	23.81	24.02	
10	16QAM	1	49	23.93	23.73	24.13	
10	16QAM	25	0	22.55	22.66	22.73	23.7

10	16QAM	25	12	22.62	22.54	22.86	
10	16QAM	25	25	22.62	22.66	22.68	
10	16QAM	50	0	22.70	22.62	22.75	
10	64QAM	1	0	22.94	22.80	23.10	23.7
10	64QAM	1	25	22.84	22.63	22.85	
10	64QAM	1	49	22.92	22.62	22.86	
10	64QAM	25	0	21.64	21.57	21.81	22.7
10	64QAM	25	12	21.64	21.72	21.76	
10	64QAM	25	25	21.83	21.62	21.82	
10	64QAM	50	0	21.67	21.60	21.63	
10	256QAM	1	0	19.86	19.72	20.00	20.7
10	256QAM	1	25	19.65	19.48	19.76	
10	256QAM	1	49	19.40	19.26	19.65	
10	256QAM	25	0	19.56	19.52	19.77	20.7
10	256QAM	25	12	19.57	19.48	19.64	
10	256QAM	25	25	19.63	19.36	19.55	
10	256QAM	50	0	19.56	19.40	19.75	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.68	24.59	24.73	25.7
5	QPSK	1	12	24.73	24.39	24.72	
5	QPSK	1	24	24.68	24.41	24.74	
5	QPSK	12	0	23.63	23.57	23.65	24.7
5	QPSK	12	7	23.66	23.52	23.58	
5	QPSK	12	13	23.67	23.66	23.68	
5	QPSK	25	0	23.55	23.62	23.61	
5	16QAM	1	0	23.88	23.89	24.06	24.7
5	16QAM	1	12	23.87	23.89	24.16	
5	16QAM	1	24	23.99	23.73	24.13	
5	16QAM	12	0	22.57	22.68	22.83	23.7
5	16QAM	12	7	22.62	22.63	22.73	
5	16QAM	12	13	22.71	22.47	22.73	
5	16QAM	25	0	22.56	22.62	22.72	
5	64QAM	1	0	22.87	22.73	23.13	23.7
5	64QAM	1	12	23.03	22.63	22.74	
5	64QAM	1	24	22.92	22.78	22.96	
5	64QAM	12	0	21.77	21.54	21.67	22.7
5	64QAM	12	7	21.78	21.67	21.66	
5	64QAM	12	13	21.69	21.63	21.72	
5	64QAM	25	0	21.72	21.45	21.67	
5	256QAM	1	0	19.90	19.74	19.96	20.7
5	256QAM	1	12	19.67	19.55	19.67	
5	256QAM	1	24	19.48	19.46	19.59	
5	256QAM	12	0	19.53	19.44	19.69	20.7
5	256QAM	12	7	19.65	19.57	19.63	
5	256QAM	12	13	19.47	19.35	19.63	
5	256QAM	25	0	19.65	19.43	19.74	

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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	18.31	18.35	18.48	18.6
20	QPSK	1	49	18.24	18.23	18.46	
20	QPSK	1	99	18.34	18.15	18.26	
20	QPSK	50	0	18.24	18.17	18.34	18.6
20	QPSK	50	24	18.18	18.12	18.27	
20	QPSK	50	50	18.25	18.23	18.28	

20	QPSK	100	0	18.19	18.23	18.31	
20	16QAM	1	0	18.29	18.25	18.34	18.6
20	16QAM	1	49	18.28	18.23	18.38	
20	16QAM	1	99	18.29	18.21	18.34	
20	16QAM	50	0	18.23	18.27	18.43	18.6
20	16QAM	50	24	18.25	18.11	18.27	
20	16QAM	50	50	18.19	18.18	18.31	
20	16QAM	100	0	18.27	18.20	18.27	
20	64QAM	1	0	18.23	18.24	18.35	18.6
20	64QAM	1	49	18.25	18.16	18.33	
20	64QAM	1	99	18.28	18.15	18.39	
20	64QAM	50	0	18.35	18.19	18.35	18.6
20	64QAM	50	24	18.33	18.06	18.27	
20	64QAM	50	50	18.29	18.29	18.38	
20	64QAM	100	0	18.22	18.20	18.38	
20	256QAM	1	0	18.33	18.26	18.43	18.6
20	256QAM	1	49	18.19	18.21	18.33	
20	256QAM	1	99	18.20	18.32	18.45	
20	256QAM	50	0	18.30	18.19	18.29	18.6
20	256QAM	50	24	18.29	18.25	18.28	
20	256QAM	50	50	18.28	18.16	18.29	
20	256QAM	100	0	18.23	18.09	18.21	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.24	18.31	18.34	18.6
15	QPSK	1	37	18.20	18.13	18.33	
15	QPSK	1	74	18.28	17.97	18.13	
15	QPSK	36	0	18.20	18.01	18.21	18.6
15	QPSK	36	20	18.07	17.95	18.17	
15	QPSK	36	39	18.25	18.06	18.19	
15	QPSK	75	0	18.14	18.13	18.12	
15	16QAM	1	0	18.15	18.25	18.17	18.6
15	16QAM	1	37	18.24	18.21	18.24	
15	16QAM	1	74	18.25	18.21	18.29	
15	16QAM	36	0	18.15	18.10	18.32	18.6
15	16QAM	36	20	18.17	18.05	18.20	
15	16QAM	36	39	18.05	18.00	18.23	
15	16QAM	75	0	18.08	18.12	18.23	
15	64QAM	1	0	18.07	18.16	18.20	18.6
15	64QAM	1	37	18.10	18.10	18.31	
15	64QAM	1	74	18.27	17.96	18.34	
15	64QAM	36	0	18.17	18.09	18.21	18.6
15	64QAM	36	20	18.30	17.86	18.08	
15	64QAM	36	39	18.22	18.25	18.23	
15	64QAM	75	0	18.19	18.01	18.29	
15	256QAM	1	0	18.26	18.25	18.32	18.6
15	256QAM	1	37	18.18	18.07	18.23	
15	256QAM	1	74	18.16	18.31	18.26	
15	256QAM	36	0	18.26	18.11	18.16	18.6
15	256QAM	36	20	18.26	18.22	18.28	
15	256QAM	36	39	18.24	18.14	18.25	
15	256QAM	75	0	18.10	18.07	18.07	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.23	18.19	18.45	18.6
10	QPSK	1	25	18.05	18.07	18.27	
10	QPSK	1	49	18.23	18.12	18.09	
10	QPSK	25	0	18.19	17.97	18.28	18.6
10	QPSK	25	12	18.06	18.07	18.10	

10	QPSK	25	25	18.12	18.20	18.15	
10	QPSK	50	0	18.19	18.14	18.30	
10	16QAM	1	0	18.12	18.22	18.32	18.6
10	16QAM	1	25	18.19	18.15	18.20	
10	16QAM	1	49	18.21	18.08	18.21	
10	16QAM	25	0	18.11	18.18	18.41	18.6
10	16QAM	25	12	18.05	18.07	18.22	
10	16QAM	25	25	18.18	17.99	18.28	
10	16QAM	50	0	18.09	18.20	18.18	
10	64QAM	1	0	18.09	18.24	18.32	18.6
10	64QAM	1	25	18.08	18.00	18.20	
10	64QAM	1	49	18.26	17.97	18.24	
10	64QAM	25	0	18.30	18.18	18.24	18.6
10	64QAM	25	12	18.16	17.92	18.17	
10	64QAM	25	25	18.16	18.24	18.29	
10	64QAM	50	0	18.17	18.00	18.25	
10	256QAM	1	0	18.24	18.17	18.40	18.6
10	256QAM	1	25	18.14	18.04	18.15	
10	256QAM	1	49	18.15	18.28	18.39	
10	256QAM	25	0	18.28	18.13	18.19	18.6
10	256QAM	25	12	18.20	18.15	18.11	
10	256QAM	25	25	18.24	18.07	18.23	
10	256QAM	50	0	18.03	18.00	18.21	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.13	18.22	18.33	18.6
5	QPSK	1	12	18.05	18.07	18.44	
5	QPSK	1	24	18.26	18.01	18.21	
5	QPSK	12	0	18.05	18.12	18.15	18.6
5	QPSK	12	7	18.11	18.00	18.13	
5	QPSK	12	13	18.12	18.14	18.18	
5	QPSK	25	0	18.15	18.10	18.26	
5	16QAM	1	0	18.22	18.10	18.24	18.6
5	16QAM	1	12	18.16	18.12	18.33	
5	16QAM	1	24	18.14	18.21	18.31	
5	16QAM	12	0	18.15	18.12	18.29	18.6
5	16QAM	12	7	18.09	18.05	18.22	
5	16QAM	12	13	18.18	18.18	18.28	
5	16QAM	25	0	18.12	18.04	18.16	
5	64QAM	1	0	18.20	18.21	18.16	18.6
5	64QAM	1	12	18.12	17.99	18.27	
5	64QAM	1	24	18.21	18.13	18.20	
5	64QAM	12	0	18.27	18.09	18.27	18.6
5	64QAM	12	7	18.25	18.00	18.18	
5	64QAM	12	13	18.27	18.11	18.26	
5	64QAM	25	0	18.09	18.10	18.32	
5	256QAM	1	0	18.28	18.18	18.26	18.6
5	256QAM	1	12	18.14	18.04	18.22	
5	256QAM	1	24	18.17	18.25	18.32	
5	256QAM	12	0	18.11	18.13	18.17	18.6
5	256QAM	12	7	18.17	18.10	18.08	
5	256QAM	12	13	18.25	18.02	18.11	
5	256QAM	25	0	18.16	17.92	18.04	

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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	19.20	19.15	19.31	20.3
20	QPSK	1	49	19.11	19.13	19.26	
20	QPSK	1	99	19.15	19.01	19.12	
20	QPSK	50	0	19.11	19.07	19.14	20.3
20	QPSK	50	24	19.05	18.97	19.13	
20	QPSK	50	50	19.07	19.07	19.13	
20	QPSK	100	0	19.05	19.04	19.14	
20	16QAM	1	0	19.09	19.12	19.21	20.3
20	16QAM	1	49	19.09	19.12	19.27	
20	16QAM	1	99	19.17	19.08	19.19	
20	16QAM	50	0	19.13	19.08	19.30	20.3
20	16QAM	50	24	19.06	19.01	19.16	
20	16QAM	50	50	19.08	19.02	19.21	
20	16QAM	100	0	19.08	19.00	19.14	
20	64QAM	1	0	19.10	19.05	19.20	20.3
20	64QAM	1	49	19.11	19.01	19.16	
20	64QAM	1	99	19.09	19.05	19.22	
20	64QAM	50	0	19.17	19.07	19.21	20.3
20	64QAM	50	24	19.20	18.95	19.15	
20	64QAM	50	50	19.18	19.15	19.27	
20	64QAM	100	0	19.03	19.02	19.20	
20	256QAM	1	0	18.96	18.95	19.04	20.3
20	256QAM	1	49	18.86	18.91	19.00	
20	256QAM	1	99	18.88	18.92	19.06	
20	256QAM	50	0	18.97	18.85	18.95	20.3
20	256QAM	50	24	18.99	18.94	18.96	
20	256QAM	50	50	18.96	18.83	18.92	
20	256QAM	100	0	18.89	18.79	18.91	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.01	19.06	19.13	20.3
15	QPSK	1	37	19.04	19.07	19.08	
15	QPSK	1	74	18.97	18.98	19.02	
15	QPSK	36	0	18.91	18.89	18.98	20.3
15	QPSK	36	20	18.90	18.77	19.01	
15	QPSK	36	39	19.05	19.07	19.13	
15	QPSK	75	0	18.86	18.89	19.14	
15	16QAM	1	0	19.06	18.95	19.16	20.3
15	16QAM	1	37	19.05	19.09	19.19	
15	16QAM	1	74	19.09	18.93	19.17	
15	16QAM	36	0	19.04	19.05	19.13	20.3
15	16QAM	36	20	18.95	18.88	18.97	
15	16QAM	36	39	18.95	18.84	19.03	
15	16QAM	75	0	18.93	18.83	18.95	
15	64QAM	1	0	19.05	19.03	19.07	20.3
15	64QAM	1	37	18.99	19.00	19.01	
15	64QAM	1	74	19.06	18.89	19.22	
15	64QAM	36	0	19.11	18.95	19.09	20.3
15	64QAM	36	20	19.00	18.79	19.10	
15	64QAM	36	39	19.11	19.13	19.11	
15	64QAM	75	0	18.98	18.96	19.08	
15	256QAM	1	0	18.93	18.75	18.85	20.3
15	256QAM	1	37	18.82	18.79	18.96	
15	256QAM	1	74	18.80	18.89	19.01	

15	256QAM	36	0	18.95	18.81	18.76	20.3
15	256QAM	36	20	18.91	18.74	18.84	
15	256QAM	36	39	18.77	18.63	18.74	
15	256QAM	75	0	18.87	18.72	18.75	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.06	19.06	19.21	20.3
10	QPSK	1	25	18.97	18.96	19.13	
10	QPSK	1	49	18.97	18.96	19.03	
10	QPSK	25	0	19.01	19.02	19.05	20.3
10	QPSK	25	12	18.97	18.77	19.13	
10	QPSK	25	25	18.90	18.97	18.93	
10	QPSK	50	0	18.88	18.89	19.13	
10	16QAM	1	0	19.05	19.09	19.11	20.3
10	16QAM	1	25	19.08	19.00	19.13	
10	16QAM	1	49	19.01	18.95	19.07	
10	16QAM	25	0	18.99	18.88	19.17	20.3
10	16QAM	25	12	19.04	18.92	19.11	
10	16QAM	25	25	19.02	18.90	19.04	
10	16QAM	50	0	18.94	18.80	18.97	
10	64QAM	1	0	19.04	18.96	19.17	20.3
10	64QAM	1	25	19.09	18.88	18.96	
10	64QAM	1	49	18.97	18.89	19.19	
10	64QAM	25	0	19.14	19.04	19.14	20.3
10	64QAM	25	12	19.06	18.89	18.99	
10	64QAM	25	25	19.10	19.14	19.25	
10	64QAM	50	0	19.01	18.99	19.04	
10	256QAM	1	0	18.95	18.91	18.98	20.3
10	256QAM	1	25	18.83	18.73	18.86	
10	256QAM	1	49	18.68	18.91	18.93	
10	256QAM	25	0	18.97	18.70	18.87	20.3
10	256QAM	25	12	18.99	18.94	18.91	
10	256QAM	25	25	18.83	18.81	18.76	
10	256QAM	50	0	18.78	18.65	18.76	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.16	19.02	19.22	20.3
5	QPSK	1	12	18.96	19.02	19.09	
5	QPSK	1	24	19.10	18.81	18.97	
5	QPSK	12	0	18.96	18.95	18.97	20.3
5	QPSK	12	7	18.90	18.77	18.96	
5	QPSK	12	13	18.91	19.00	19.02	
5	QPSK	25	0	18.99	19.02	19.14	
5	16QAM	1	0	19.02	19.05	19.21	20.3
5	16QAM	1	12	19.00	19.08	19.24	
5	16QAM	1	24	19.17	19.08	19.19	
5	16QAM	12	0	19.03	18.92	19.19	20.3
5	16QAM	12	7	18.87	18.87	19.05	
5	16QAM	12	13	19.06	18.98	19.08	
5	16QAM	25	0	18.99	18.91	19.07	
5	64QAM	1	0	18.93	19.02	19.02	20.3
5	64QAM	1	12	19.10	18.81	19.04	
5	64QAM	1	24	19.05	18.96	19.06	
5	64QAM	12	0	19.01	18.88	19.12	20.3
5	64QAM	12	7	19.03	18.95	19.01	
5	64QAM	12	13	19.14	19.03	19.15	
5	64QAM	25	0	18.97	18.83	19.18	
5	256QAM	1	0	18.79	18.78	18.90	20.3
5	256QAM	1	12	18.82	18.89	18.90	

5	256QAM	1	24	18.76	18.75	19.05	
5	256QAM	12	0	18.86	18.78	18.95	20.3
5	256QAM	12	7	18.86	18.77	18.90	
5	256QAM	12	13	18.89	18.72	18.90	
5	256QAM	25	0	18.75	18.70	18.79	

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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	19.20	19.15	19.31	19.5
20	QPSK	1	49	19.11	19.13	19.26	
20	QPSK	1	99	19.15	19.01	19.12	
20	QPSK	50	0	19.11	19.07	19.14	19.5
20	QPSK	50	24	19.05	18.97	19.13	
20	QPSK	50	50	19.07	19.07	19.13	
20	QPSK	100	0	19.05	19.04	19.14	
20	16QAM	1	0	19.09	19.12	19.21	19.5
20	16QAM	1	49	19.09	19.12	19.27	
20	16QAM	1	99	19.17	19.08	19.19	
20	16QAM	50	0	19.13	19.08	19.30	19.5
20	16QAM	50	24	19.06	19.01	19.16	
20	16QAM	50	50	19.08	19.02	19.21	
20	16QAM	100	0	19.08	19.00	19.14	
20	64QAM	1	0	19.10	19.05	19.20	19.5
20	64QAM	1	49	19.11	19.01	19.16	
20	64QAM	1	99	19.09	19.05	19.22	
20	64QAM	50	0	19.17	19.07	19.21	19.5
20	64QAM	50	24	19.20	18.95	19.15	
20	64QAM	50	50	19.18	19.15	19.27	
20	64QAM	100	0	19.03	19.02	19.20	
20	256QAM	1	0	18.96	18.95	19.04	19.5
20	256QAM	1	49	18.86	18.91	19.00	
20	256QAM	1	99	18.88	18.92	19.06	
20	256QAM	50	0	18.97	18.85	18.95	19.5
20	256QAM	50	24	18.99	18.94	18.96	
20	256QAM	50	50	18.96	18.83	18.92	
20	256QAM	100	0	18.89	18.79	18.91	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.01	19.06	19.13	19.5
15	QPSK	1	37	19.04	19.07	19.08	
15	QPSK	1	74	18.97	18.98	19.02	
15	QPSK	36	0	18.91	18.89	18.98	19.5
15	QPSK	36	20	18.90	18.77	19.01	
15	QPSK	36	39	19.05	19.07	19.13	
15	QPSK	75	0	18.86	18.89	19.14	
15	16QAM	1	0	19.06	18.95	19.16	19.5
15	16QAM	1	37	19.05	19.09	19.19	
15	16QAM	1	74	19.09	18.93	19.17	
15	16QAM	36	0	19.04	19.05	19.13	19.5
15	16QAM	36	20	18.95	18.88	18.97	
15	16QAM	36	39	18.95	18.84	19.03	
15	16QAM	75	0	18.93	18.83	18.95	
15	64QAM	1	0	19.05	19.03	19.07	19.5
15	64QAM	1	37	18.99	19.00	19.01	
15	64QAM	1	74	19.06	18.89	19.22	
15	64QAM	36	0	19.11	18.95	19.09	19.5
15	64QAM	36	20	19.00	18.79	19.10	
15	64QAM	36	39	19.11	19.13	19.11	
15	64QAM	75	0	18.98	18.96	19.08	

15	256QAM	1	0	18.93	18.75	18.85	19.5
15	256QAM	1	37	18.82	18.79	18.96	
15	256QAM	1	74	18.80	18.89	19.01	
15	256QAM	36	0	18.95	18.81	18.76	19.5
15	256QAM	36	20	18.91	18.74	18.84	
15	256QAM	36	39	18.77	18.63	18.74	
15	256QAM	75	0	18.87	18.72	18.75	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.06	19.06	19.21	19.5
10	QPSK	1	25	18.97	18.96	19.13	
10	QPSK	1	49	18.97	18.96	19.03	
10	QPSK	25	0	19.01	19.02	19.05	19.5
10	QPSK	25	12	18.97	18.77	19.13	
10	QPSK	25	25	18.90	18.97	18.93	
10	QPSK	50	0	18.88	18.89	19.13	
10	16QAM	1	0	19.05	19.09	19.11	19.5
10	16QAM	1	25	19.08	19.00	19.13	
10	16QAM	1	49	19.01	18.95	19.07	
10	16QAM	25	0	18.99	18.88	19.17	19.5
10	16QAM	25	12	19.04	18.92	19.11	
10	16QAM	25	25	19.02	18.90	19.04	
10	16QAM	50	0	18.94	18.80	18.97	
10	64QAM	1	0	19.04	18.96	19.17	19.5
10	64QAM	1	25	19.09	18.88	18.96	
10	64QAM	1	49	18.97	18.89	19.19	
10	64QAM	25	0	19.14	19.04	19.14	19.5
10	64QAM	25	12	19.06	18.89	18.99	
10	64QAM	25	25	19.10	19.14	19.25	
10	64QAM	50	0	19.01	18.99	19.04	
10	256QAM	1	0	18.95	18.91	18.98	19.5
10	256QAM	1	25	18.83	18.73	18.86	
10	256QAM	1	49	18.68	18.91	18.93	
10	256QAM	25	0	18.97	18.70	18.87	19.5
10	256QAM	25	12	18.99	18.94	18.91	
10	256QAM	25	25	18.83	18.81	18.76	
10	256QAM	50	0	18.78	18.65	18.76	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.16	19.02	19.22	19.5
5	QPSK	1	12	18.96	19.02	19.09	
5	QPSK	1	24	19.10	18.81	18.97	
5	QPSK	12	0	18.96	18.95	18.97	19.5
5	QPSK	12	7	18.90	18.77	18.96	
5	QPSK	12	13	18.91	19.00	19.02	
5	QPSK	25	0	18.99	19.02	19.14	
5	16QAM	1	0	19.02	19.05	19.21	19.5
5	16QAM	1	12	19.00	19.08	19.24	
5	16QAM	1	24	19.17	19.08	19.19	
5	16QAM	12	0	19.03	18.92	19.19	19.5
5	16QAM	12	7	18.87	18.87	19.05	
5	16QAM	12	13	19.06	18.98	19.08	
5	16QAM	25	0	18.99	18.91	19.07	
5	64QAM	1	0	18.93	19.02	19.02	19.5
5	64QAM	1	12	19.10	18.81	19.04	
5	64QAM	1	24	19.05	18.96	19.06	
5	64QAM	12	0	19.01	18.88	19.12	19.5
5	64QAM	12	7	19.03	18.95	19.01	
5	64QAM	12	13	19.14	19.03	19.15	
5	64QAM	25	0	18.97	18.83	19.18	
5	256QAM	1	0	18.79	18.78	18.90	19.5
5	256QAM	1	12	18.82	18.89	18.90	

5	256QAM	1	24	18.76	18.75	19.05	
5	256QAM	12	0	18.86	18.78	18.95	19.5
5	256QAM	12	7	18.86	18.77	18.90	
5	256QAM	12	13	18.89	18.72	18.90	
5	256QAM	25	0	18.75	18.70	18.79	

<LTE Band 7_Ant 0_TX1_Index 2/3/4/5/6>

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	24.58	24.63	24.91	25.7
20	QPSK	1	49	24.57	24.63	24.88	
20	QPSK	1	99	24.56	24.54	24.82	
20	QPSK	50	0	23.58	23.59	23.79	24.7
20	QPSK	50	24	23.52	23.54	23.75	
20	QPSK	50	50	23.49	23.58	23.74	
20	QPSK	100	0	23.50	23.50	23.73	
20	16QAM	1	0	23.73	23.88	24.10	24.7
20	16QAM	1	49	23.79	23.77	24.03	
20	16QAM	1	99	23.86	23.73	24.13	
20	16QAM	50	0	22.47	22.54	22.75	23.7
20	16QAM	50	24	22.52	22.54	22.76	
20	16QAM	50	50	22.56	22.54	22.82	
20	16QAM	100	0	22.49	22.49	22.74	
20	64QAM	1	0	22.74	22.70	22.87	23.7
20	64QAM	1	49	22.82	22.70	22.95	
20	64QAM	1	99	22.88	22.76	22.96	
20	64QAM	50	0	21.52	21.56	21.79	22.7
20	64QAM	50	24	21.59	21.59	21.79	
20	64QAM	50	50	21.63	21.56	21.85	
20	64QAM	100	0	21.53	21.51	21.77	
20	256QAM	1	0	19.92	19.72	20.06	20.7
20	256QAM	1	49	19.66	19.56	19.87	
20	256QAM	1	99	19.62	19.47	19.79	
20	256QAM	50	0	19.72	19.52	19.84	20.7
20	256QAM	50	24	19.63	19.48	19.82	
20	256QAM	50	50	19.55	19.41	19.67	
20	256QAM	100	0	19.55	19.42	19.74	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.40	24.57	24.75	25.7
15	QPSK	1	37	24.51	24.49	24.79	
15	QPSK	1	74	24.54	24.49	24.65	
15	QPSK	36	0	23.48	23.52	23.65	24.7
15	QPSK	36	20	23.33	23.48	23.60	
15	QPSK	36	39	23.48	23.56	23.67	
15	QPSK	75	0	23.46	23.46	23.73	
15	16QAM	1	0	23.68	23.72	23.93	24.7
15	16QAM	1	37	23.63	23.62	23.97	
15	16QAM	1	74	23.85	23.56	24.11	
15	16QAM	36	0	22.43	22.52	22.69	23.7
15	16QAM	36	20	22.37	22.49	22.67	
15	16QAM	36	39	22.44	22.40	22.75	
15	16QAM	75	0	22.40	22.33	22.57	
15	64QAM	1	0	22.58	22.51	22.69	23.7
15	64QAM	1	37	22.66	22.51	22.84	
15	64QAM	1	74	22.72	22.72	22.92	
15	64QAM	36	0	21.47	21.55	21.77	22.7
15	64QAM	36	20	21.58	21.43	21.74	
15	64QAM	36	39	21.62	21.44	21.68	
15	64QAM	75	0	21.34	21.40	21.64	

15	256QAM	1	0	19.83	19.70	19.90	20.7
15	256QAM	1	37	19.53	19.42	19.71	
15	256QAM	1	74	19.46	19.44	19.79	
15	256QAM	36	0	19.70	19.48	19.80	20.7
15	256QAM	36	20	19.51	19.43	19.64	
15	256QAM	36	39	19.36	19.41	19.67	
15	256QAM	75	0	19.54	19.36	19.61	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.54	24.62	24.71	25.7
10	QPSK	1	25	24.50	24.59	24.75	
10	QPSK	1	49	24.37	24.49	24.78	
10	QPSK	25	0	23.51	23.55	23.75	24.7
10	QPSK	25	12	23.42	23.53	23.60	
10	QPSK	25	25	23.29	23.55	23.70	
10	QPSK	50	0	23.46	23.47	23.56	
10	16QAM	1	0	23.54	23.68	23.92	24.7
10	16QAM	1	25	23.78	23.65	23.85	
10	16QAM	1	49	23.73	23.60	24.12	
10	16QAM	25	0	22.28	22.47	22.64	23.7
10	16QAM	25	12	22.49	22.43	22.71	
10	16QAM	25	25	22.44	22.36	22.81	
10	16QAM	50	0	22.48	22.33	22.57	
10	64QAM	1	0	22.71	22.51	22.72	23.7
10	64QAM	1	25	22.82	22.67	22.89	
10	64QAM	1	49	22.77	22.75	22.78	
10	64QAM	25	0	21.33	21.36	21.69	22.7
10	64QAM	25	12	21.41	21.56	21.77	
10	64QAM	25	25	21.57	21.46	21.74	
10	64QAM	50	0	21.38	21.34	21.65	
10	256QAM	1	0	19.76	19.68	19.92	20.7
10	256QAM	1	25	19.64	19.41	19.77	
10	256QAM	1	49	19.62	19.28	19.59	
10	256QAM	25	0	19.57	19.49	19.66	20.7
10	256QAM	25	12	19.60	19.44	19.69	
10	256QAM	25	25	19.41	19.30	19.47	
10	256QAM	50	0	19.36	19.34	19.58	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.55	24.52	24.74	25.7
5	QPSK	1	12	24.39	24.46	24.78	
5	QPSK	1	24	24.52	24.52	24.82	
5	QPSK	12	0	23.57	23.57	23.62	24.7
5	QPSK	12	7	23.49	23.38	23.72	
5	QPSK	12	13	23.48	23.57	23.73	
5	QPSK	25	0	23.44	23.45	23.73	
5	16QAM	1	0	23.55	23.84	23.90	24.7
5	16QAM	1	12	23.68	23.72	23.95	
5	16QAM	1	24	23.79	23.73	23.93	
5	16QAM	12	0	22.35	22.54	22.65	23.7
5	16QAM	12	7	22.41	22.51	22.70	
5	16QAM	12	13	22.54	22.49	22.63	
5	16QAM	25	0	22.41	22.47	22.73	
5	64QAM	1	0	22.71	22.66	22.69	23.7
5	64QAM	1	12	22.70	22.58	22.95	
5	64QAM	1	24	22.79	22.70	22.93	
5	64QAM	12	0	21.34	21.41	21.74	22.7
5	64QAM	12	7	21.42	21.56	21.69	
5	64QAM	12	13	21.62	21.50	21.71	
5	64QAM	25	0	21.38	21.32	21.70	
5	256QAM	1	0	19.78	19.70	20.05	20.7
5	256QAM	1	12	19.49	19.40	19.82	

5	256QAM	1	24	19.45	19.27	19.77	
5	256QAM	12	0	19.69	19.39	19.77	20.7
5	256QAM	12	7	19.51	19.45	19.66	
5	256QAM	12	13	19.55	19.26	19.50	
5	256QAM	25	0	19.37	19.33	19.57	

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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	24.58	24.63	24.91	25.7
20	QPSK	1	49	24.57	24.63	24.88	
20	QPSK	1	99	24.56	24.54	24.82	
20	QPSK	50	0	23.58	23.59	23.79	24.7
20	QPSK	50	24	23.52	23.54	23.75	
20	QPSK	50	50	23.49	23.58	23.74	
20	QPSK	100	0	23.50	23.50	23.73	
20	16QAM	1	0	23.73	23.88	24.10	24.7
20	16QAM	1	49	23.79	23.77	24.03	
20	16QAM	1	99	23.86	23.73	24.13	
20	16QAM	50	0	22.47	22.54	22.75	23.7
20	16QAM	50	24	22.52	22.54	22.76	
20	16QAM	50	50	22.56	22.54	22.82	
20	16QAM	100	0	22.49	22.49	22.74	
20	64QAM	1	0	22.74	22.70	22.87	23.7
20	64QAM	1	49	22.82	22.70	22.95	
20	64QAM	1	99	22.88	22.76	22.96	
20	64QAM	50	0	21.52	21.56	21.79	22.7
20	64QAM	50	24	21.59	21.59	21.79	
20	64QAM	50	50	21.63	21.56	21.85	
20	64QAM	100	0	21.53	21.51	21.77	
20	256QAM	1	0	19.92	19.72	20.06	20.7
20	256QAM	1	49	19.66	19.56	19.87	
20	256QAM	1	99	19.62	19.47	19.79	
20	256QAM	50	0	19.72	19.52	19.84	20.7
20	256QAM	50	24	19.63	19.48	19.82	
20	256QAM	50	50	19.55	19.41	19.67	
20	256QAM	100	0	19.55	19.42	19.74	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.40	24.57	24.75	25.7
15	QPSK	1	37	24.51	24.49	24.79	
15	QPSK	1	74	24.54	24.49	24.65	
15	QPSK	36	0	23.48	23.52	23.65	24.7
15	QPSK	36	20	23.33	23.48	23.60	
15	QPSK	36	39	23.48	23.56	23.67	
15	QPSK	75	0	23.46	23.46	23.73	
15	16QAM	1	0	23.68	23.72	23.93	24.7
15	16QAM	1	37	23.63	23.62	23.97	
15	16QAM	1	74	23.85	23.56	24.11	
15	16QAM	36	0	22.43	22.52	22.69	23.7
15	16QAM	36	20	22.37	22.49	22.67	
15	16QAM	36	39	22.44	22.40	22.75	
15	16QAM	75	0	22.40	22.33	22.57	
15	64QAM	1	0	22.58	22.51	22.69	23.7
15	64QAM	1	37	22.66	22.51	22.84	
15	64QAM	1	74	22.72	22.72	22.92	
15	64QAM	36	0	21.47	21.55	21.77	22.7
15	64QAM	36	20	21.58	21.43	21.74	
15	64QAM	36	39	21.62	21.44	21.68	
15	64QAM	75	0	21.34	21.40	21.64	

15	256QAM	1	0	19.83	19.70	19.90	20.7
15	256QAM	1	37	19.53	19.42	19.71	
15	256QAM	1	74	19.46	19.44	19.79	
15	256QAM	36	0	19.70	19.48	19.80	20.7
15	256QAM	36	20	19.51	19.43	19.64	
15	256QAM	36	39	19.36	19.41	19.67	
15	256QAM	75	0	19.54	19.36	19.61	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.54	24.62	24.71	25.7
10	QPSK	1	25	24.50	24.59	24.75	
10	QPSK	1	49	24.37	24.49	24.78	
10	QPSK	25	0	23.51	23.55	23.75	24.7
10	QPSK	25	12	23.42	23.53	23.60	
10	QPSK	25	25	23.29	23.55	23.70	
10	QPSK	50	0	23.46	23.47	23.56	
10	16QAM	1	0	23.54	23.68	23.92	24.7
10	16QAM	1	25	23.78	23.65	23.85	
10	16QAM	1	49	23.73	23.60	24.12	
10	16QAM	25	0	22.28	22.47	22.64	23.7
10	16QAM	25	12	22.49	22.43	22.71	
10	16QAM	25	25	22.44	22.36	22.81	
10	16QAM	50	0	22.48	22.33	22.57	
10	64QAM	1	0	22.71	22.51	22.72	23.7
10	64QAM	1	25	22.82	22.67	22.89	
10	64QAM	1	49	22.77	22.75	22.78	
10	64QAM	25	0	21.33	21.36	21.69	22.7
10	64QAM	25	12	21.41	21.56	21.77	
10	64QAM	25	25	21.57	21.46	21.74	
10	64QAM	50	0	21.38	21.34	21.65	
10	256QAM	1	0	19.76	19.68	19.92	20.7
10	256QAM	1	25	19.64	19.41	19.77	
10	256QAM	1	49	19.62	19.28	19.59	
10	256QAM	25	0	19.57	19.49	19.66	20.7
10	256QAM	25	12	19.60	19.44	19.69	
10	256QAM	25	25	19.41	19.30	19.47	
10	256QAM	50	0	19.36	19.34	19.58	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.55	24.52	24.74	25.7
5	QPSK	1	12	24.39	24.46	24.78	
5	QPSK	1	24	24.52	24.52	24.82	
5	QPSK	12	0	23.57	23.57	23.62	24.7
5	QPSK	12	7	23.49	23.38	23.72	
5	QPSK	12	13	23.48	23.57	23.73	
5	QPSK	25	0	23.44	23.45	23.73	
5	16QAM	1	0	23.55	23.84	23.90	24.7
5	16QAM	1	12	23.68	23.72	23.95	
5	16QAM	1	24	23.79	23.73	23.93	
5	16QAM	12	0	22.35	22.54	22.65	23.7
5	16QAM	12	7	22.41	22.51	22.70	
5	16QAM	12	13	22.54	22.49	22.63	
5	16QAM	25	0	22.41	22.47	22.73	
5	64QAM	1	0	22.71	22.66	22.69	23.7
5	64QAM	1	12	22.70	22.58	22.95	
5	64QAM	1	24	22.79	22.70	22.93	
5	64QAM	12	0	21.34	21.41	21.74	22.7
5	64QAM	12	7	21.42	21.56	21.69	
5	64QAM	12	13	21.62	21.50	21.71	
5	64QAM	25	0	21.38	21.32	21.70	
5	256QAM	1	0	19.78	19.70	20.05	20.7
5	256QAM	1	12	19.49	19.40	19.82	

5	256QAM	1	24	19.45	19.27	19.77	
5	256QAM	12	0	19.69	19.39	19.77	20.7
5	256QAM	12	7	19.51	19.45	19.66	
5	256QAM	12	13	19.55	19.26	19.50	
5	256QAM	25	0	19.37	19.33	19.57	

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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	23.70	23.77	23.99	24.1
20	QPSK	1	49	23.64	23.67	23.89	
20	QPSK	1	99	23.65	23.75	23.89	
20	QPSK	50	0	23.49	23.50	23.63	24.1
20	QPSK	50	24	23.48	23.37	23.60	
20	QPSK	50	50	23.48	23.54	23.54	
20	QPSK	100	0	23.47	23.33	23.66	
20	16QAM	1	0	23.62	23.70	23.69	24.1
20	16QAM	1	49	23.61	23.61	23.63	
20	16QAM	1	99	23.66	23.66	23.72	
20	16QAM	50	0	22.39	22.54	22.62	23.7
20	16QAM	50	24	22.34	22.47	22.71	
20	16QAM	50	50	22.51	22.35	22.67	
20	16QAM	100	0	22.33	22.47	22.62	
20	64QAM	1	0	22.72	22.63	22.71	23.7
20	64QAM	1	49	22.76	22.67	22.84	
20	64QAM	1	99	22.84	22.68	22.77	
20	64QAM	50	0	21.45	21.56	21.74	22.7
20	64QAM	50	24	21.43	21.44	21.74	
20	64QAM	50	50	21.44	21.52	21.84	
20	64QAM	100	0	21.48	21.50	21.72	
20	256QAM	1	0	19.85	19.59	19.86	20.7
20	256QAM	1	49	19.58	19.51	19.84	
20	256QAM	1	99	19.58	19.29	19.76	
20	256QAM	50	0	19.58	19.44	19.76	20.7
20	256QAM	50	24	19.60	19.33	19.74	
20	256QAM	50	50	19.35	19.28	19.62	
20	256QAM	100	0	19.54	19.42	19.55	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.67	23.67	23.86	24.1
15	QPSK	1	37	23.49	23.57	23.79	
15	QPSK	1	74	23.45	23.70	23.83	
15	QPSK	36	0	23.30	23.40	23.59	24.1
15	QPSK	36	20	23.31	23.24	23.40	
15	QPSK	36	39	23.37	23.38	23.39	
15	QPSK	75	0	23.27	23.13	23.59	
15	16QAM	1	0	23.58	23.67	23.64	24.1
15	16QAM	1	37	23.61	23.57	23.58	
15	16QAM	1	74	23.55	23.58	23.67	
15	16QAM	36	0	22.37	22.35	22.49	23.7
15	16QAM	36	20	22.19	22.28	22.69	
15	16QAM	36	39	22.33	22.16	22.53	
15	16QAM	75	0	22.20	22.27	22.58	
15	64QAM	1	0	22.64	22.47	22.57	23.7
15	64QAM	1	37	22.57	22.65	22.75	
15	64QAM	1	74	22.68	22.55	22.69	
15	64QAM	36	0	21.37	21.50	21.73	22.7

15	64QAM	36	20	21.34	21.42	21.68	
15	64QAM	36	39	21.30	21.38	21.67	
15	64QAM	75	0	21.41	21.36	21.72	
15	256QAM	1	0	19.85	19.54	19.83	20.7
15	256QAM	1	37	19.44	19.50	19.68	
15	256QAM	1	74	19.47	19.14	19.62	
15	256QAM	36	0	19.49	19.24	19.70	20.7
15	256QAM	36	20	19.48	19.30	19.69	
15	256QAM	36	39	19.28	19.17	19.46	
15	256QAM	75	0	19.38	19.42	19.45	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.63	23.64	23.95	24.1
10	QPSK	1	25	23.48	23.56	23.83	
10	QPSK	1	49	23.55	23.73	23.89	
10	QPSK	25	0	23.47	23.34	23.55	24.1
10	QPSK	25	12	23.28	23.29	23.44	
10	QPSK	25	25	23.32	23.37	23.49	
10	QPSK	50	0	23.28	23.25	23.50	
10	16QAM	1	0	23.59	23.67	23.60	24.1
10	16QAM	1	25	23.51	23.53	23.56	
10	16QAM	1	49	23.59	23.61	23.56	
10	16QAM	25	0	22.24	22.37	22.61	23.7
10	16QAM	25	12	22.17	22.36	22.71	
10	16QAM	25	25	22.37	22.32	22.48	
10	16QAM	50	0	22.28	22.28	22.55	
10	64QAM	1	0	22.68	22.51	22.62	23.7
10	64QAM	1	25	22.57	22.55	22.75	
10	64QAM	1	49	22.64	22.52	22.69	
10	64QAM	25	0	21.26	21.39	21.55	22.7
10	64QAM	25	12	21.33	21.33	21.66	
10	64QAM	25	25	21.41	21.44	21.72	
10	64QAM	50	0	21.34	21.47	21.69	
10	256QAM	1	0	19.65	19.50	19.84	20.7
10	256QAM	1	25	19.38	19.40	19.78	
10	256QAM	1	49	19.55	19.17	19.63	
10	256QAM	25	0	19.52	19.25	19.65	20.7
10	256QAM	25	12	19.48	19.26	19.59	
10	256QAM	25	25	19.18	19.14	19.53	
10	256QAM	50	0	19.35	19.33	19.43	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.64	23.59	23.98	24.1
5	QPSK	1	12	23.55	23.63	23.89	
5	QPSK	1	24	23.45	23.59	23.71	
5	QPSK	12	0	23.41	23.42	23.43	24.1
5	QPSK	12	7	23.34	23.32	23.51	
5	QPSK	12	13	23.46	23.42	23.41	
5	QPSK	25	0	23.47	23.21	23.53	
5	16QAM	1	0	23.58	23.60	23.64	24.1
5	16QAM	1	12	23.60	23.53	23.60	
5	16QAM	1	24	23.53	23.50	23.60	
5	16QAM	12	0	22.34	22.42	22.48	23.7
5	16QAM	12	7	22.17	22.43	22.51	
5	16QAM	12	13	22.31	22.21	22.52	
5	16QAM	25	0	22.20	22.31	22.61	
5	64QAM	1	0	22.69	22.52	22.68	23.7
5	64QAM	1	12	22.56	22.62	22.80	
5	64QAM	1	24	22.69	22.56	22.68	

5	64QAM	12	0	21.32	21.36	21.60	22.7
5	64QAM	12	7	21.32	21.27	21.69	
5	64QAM	12	13	21.28	21.49	21.65	
5	64QAM	25	0	21.33	21.30	21.53	
5	256QAM	1	0	19.71	19.46	19.86	20.7
5	256QAM	1	12	19.46	19.31	19.65	
5	256QAM	1	24	19.39	19.28	19.65	
5	256QAM	12	0	19.43	19.29	19.75	20.7
5	256QAM	12	7	19.50	19.13	19.65	
5	256QAM	12	13	19.25	19.22	19.59	
5	256QAM	25	0	19.50	19.40	19.43	

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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	23.70	23.77	23.99	24.9
20	QPSK	1	49	23.64	23.67	23.89	
20	QPSK	1	99	23.65	23.75	23.89	
20	QPSK	50	0	23.49	23.50	23.63	24.7
20	QPSK	50	24	23.48	23.37	23.60	
20	QPSK	50	50	23.48	23.54	23.54	
20	QPSK	100	0	23.47	23.33	23.66	
20	16QAM	1	0	23.62	23.70	23.69	24.7
20	16QAM	1	49	23.61	23.61	23.63	
20	16QAM	1	99	23.66	23.66	23.72	
20	16QAM	50	0	22.39	22.54	22.62	23.7
20	16QAM	50	24	22.34	22.47	22.71	
20	16QAM	50	50	22.51	22.35	22.67	
20	16QAM	100	0	22.33	22.47	22.62	
20	64QAM	1	0	22.72	22.63	22.71	23.7
20	64QAM	1	49	22.76	22.67	22.84	
20	64QAM	1	99	22.84	22.68	22.77	
20	64QAM	50	0	21.45	21.56	21.74	22.7
20	64QAM	50	24	21.43	21.44	21.74	
20	64QAM	50	50	21.44	21.52	21.84	
20	64QAM	100	0	21.48	21.50	21.72	
20	256QAM	1	0	19.85	19.59	19.86	20.7
20	256QAM	1	49	19.58	19.51	19.84	
20	256QAM	1	99	19.58	19.29	19.76	
20	256QAM	50	0	19.58	19.44	19.76	20.7
20	256QAM	50	24	19.60	19.33	19.74	
20	256QAM	50	50	19.35	19.28	19.62	
20	256QAM	100	0	19.54	19.42	19.55	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.67	23.67	23.86	24.9
15	QPSK	1	37	23.49	23.57	23.79	
15	QPSK	1	74	23.45	23.70	23.83	
15	QPSK	36	0	23.30	23.40	23.59	24.7
15	QPSK	36	20	23.31	23.24	23.40	
15	QPSK	36	39	23.37	23.38	23.39	
15	QPSK	75	0	23.27	23.13	23.59	
15	16QAM	1	0	23.58	23.67	23.64	24.7
15	16QAM	1	37	23.61	23.57	23.58	
15	16QAM	1	74	23.55	23.58	23.67	
15	16QAM	36	0	22.37	22.35	22.49	23.7
15	16QAM	36	20	22.19	22.28	22.69	

15	16QAM	36	39	22.33	22.16	22.53	
15	16QAM	75	0	22.20	22.27	22.58	
15	64QAM	1	0	22.64	22.47	22.57	23.7
15	64QAM	1	37	22.57	22.65	22.75	
15	64QAM	1	74	22.68	22.55	22.69	
15	64QAM	36	0	21.37	21.50	21.73	22.7
15	64QAM	36	20	21.34	21.42	21.68	
15	64QAM	36	39	21.30	21.38	21.67	
15	64QAM	75	0	21.41	21.36	21.72	
15	256QAM	1	0	19.85	19.54	19.83	20.7
15	256QAM	1	37	19.44	19.50	19.68	
15	256QAM	1	74	19.47	19.14	19.62	
15	256QAM	36	0	19.49	19.24	19.70	20.7
15	256QAM	36	20	19.48	19.30	19.69	
15	256QAM	36	39	19.28	19.17	19.46	
15	256QAM	75	0	19.38	19.42	19.45	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.63	23.64	23.95	24.9
10	QPSK	1	25	23.48	23.56	23.83	
10	QPSK	1	49	23.55	23.73	23.89	
10	QPSK	25	0	23.47	23.34	23.55	24.7
10	QPSK	25	12	23.28	23.29	23.44	
10	QPSK	25	25	23.32	23.37	23.49	
10	QPSK	50	0	23.28	23.25	23.50	
10	16QAM	1	0	23.59	23.67	23.60	24.7
10	16QAM	1	25	23.51	23.53	23.56	
10	16QAM	1	49	23.59	23.61	23.56	
10	16QAM	25	0	22.24	22.37	22.61	23.7
10	16QAM	25	12	22.17	22.36	22.71	
10	16QAM	25	25	22.37	22.32	22.48	
10	16QAM	50	0	22.28	22.28	22.55	
10	64QAM	1	0	22.68	22.51	22.62	23.7
10	64QAM	1	25	22.57	22.55	22.75	
10	64QAM	1	49	22.64	22.52	22.69	
10	64QAM	25	0	21.26	21.39	21.55	22.7
10	64QAM	25	12	21.33	21.33	21.66	
10	64QAM	25	25	21.41	21.44	21.72	
10	64QAM	50	0	21.34	21.47	21.69	
10	256QAM	1	0	19.65	19.50	19.84	20.7
10	256QAM	1	25	19.38	19.40	19.78	
10	256QAM	1	49	19.55	19.17	19.63	
10	256QAM	25	0	19.52	19.25	19.65	20.7
10	256QAM	25	12	19.48	19.26	19.59	
10	256QAM	25	25	19.18	19.14	19.53	
10	256QAM	50	0	19.35	19.33	19.43	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.64	23.59	23.98	24.9
5	QPSK	1	12	23.55	23.63	23.89	
5	QPSK	1	24	23.45	23.59	23.71	
5	QPSK	12	0	23.41	23.42	23.43	24.7
5	QPSK	12	7	23.34	23.32	23.51	
5	QPSK	12	13	23.46	23.42	23.41	
5	QPSK	25	0	23.47	23.21	23.53	
5	16QAM	1	0	23.58	23.60	23.64	24.7
5	16QAM	1	12	23.60	23.53	23.60	
5	16QAM	1	24	23.53	23.50	23.60	
5	16QAM	12	0	22.34	22.42	22.48	23.7

5	16QAM	12	7	22.17	22.43	22.51	
5	16QAM	12	13	22.31	22.21	22.52	
5	16QAM	25	0	22.20	22.31	22.61	
5	64QAM	1	0	22.69	22.52	22.68	23.7
5	64QAM	1	12	22.56	22.62	22.80	
5	64QAM	1	24	22.69	22.56	22.68	
5	64QAM	12	0	21.32	21.36	21.60	22.7
5	64QAM	12	7	21.32	21.27	21.69	
5	64QAM	12	13	21.28	21.49	21.65	
5	64QAM	25	0	21.33	21.30	21.53	
5	256QAM	1	0	19.71	19.46	19.86	20.7
5	256QAM	1	12	19.46	19.31	19.65	
5	256QAM	1	24	19.39	19.28	19.65	
5	256QAM	12	0	19.43	19.29	19.75	20.7
5	256QAM	12	7	19.50	19.13	19.65	
5	256QAM	12	13	19.25	19.22	19.59	
5	256QAM	25	0	19.50	19.40	19.43	

<LTE Band 12_Ant 0_TX0_Index 2/3/4/5/6>

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	24.60	24.56	24.56	25.7
10	QPSK	1	25	24.43	24.37	24.42	
10	QPSK	1	49	24.51	24.52	24.50	
10	QPSK	25	0	23.59	23.61	23.56	24.7
10	QPSK	25	12	23.60	23.58	23.54	
10	QPSK	25	25	23.58	23.57	23.56	
10	QPSK	50	0	23.58	23.58	23.58	
10	16QAM	1	0	23.91	23.77	23.74	24.7
10	16QAM	1	25	23.84	23.82	23.90	
10	16QAM	1	49	23.91	23.88	23.72	
10	16QAM	25	0	22.59	22.59	22.57	23.7
10	16QAM	25	12	22.56	22.58	22.58	
10	16QAM	25	25	22.59	22.59	22.58	
10	16QAM	50	0	22.55	22.54	22.56	
10	64QAM	1	0	22.83	22.68	22.64	23.7
10	64QAM	1	25	22.66	22.69	22.69	
10	64QAM	1	49	22.80	22.85	22.65	
10	64QAM	25	0	21.56	21.50	21.55	22.7
10	64QAM	25	12	21.57	21.59	21.59	
10	64QAM	25	25	21.58	21.58	21.57	
10	64QAM	50	0	21.56	21.57	21.56	
10	256QAM	1	0	19.87	19.76	19.80	20.7
10	256QAM	1	25	19.45	19.37	19.41	
10	256QAM	1	49	19.62	19.54	19.48	
10	256QAM	25	0	19.78	19.74	19.75	20.7
10	256QAM	25	12	19.51	19.48	19.52	
10	256QAM	25	25	19.51	19.44	19.48	
10	256QAM	50	0	19.65	19.62	19.58	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.45	24.47	24.41	25.7
5	QPSK	1	12	24.34	24.17	24.25	
5	QPSK	1	24	24.41	24.48	24.36	
5	QPSK	12	0	23.49	23.44	23.55	24.7
5	QPSK	12	7	23.43	23.52	23.50	
5	QPSK	12	13	23.45	23.54	23.42	
5	QPSK	25	0	23.53	23.40	23.46	
5	16QAM	1	0	23.71	23.57	23.70	24.7
5	16QAM	1	12	23.83	23.67	23.72	
5	16QAM	1	24	23.79	23.79	23.62	
5	16QAM	12	0	22.41	22.57	22.55	23.7
5	16QAM	12	7	22.53	22.56	22.42	
5	16QAM	12	13	22.59	22.39	22.54	
5	16QAM	25	0	22.49	22.45	22.40	
5	64QAM	1	0	22.77	22.63	22.52	23.7
5	64QAM	1	12	22.49	22.54	22.69	
5	64QAM	1	24	22.70	22.73	22.48	
5	64QAM	12	0	21.36	21.38	21.40	22.7
5	64QAM	12	7	21.47	21.46	21.59	
5	64QAM	12	13	21.58	21.48	21.46	
5	64QAM	25	0	21.51	21.54	21.49	
5	256QAM	1	0	19.87	19.76	19.61	20.7
5	256QAM	1	12	19.30	19.26	19.21	
5	256QAM	1	24	19.44	19.46	19.31	
5	256QAM	12	0	19.66	19.54	19.58	20.7
5	256QAM	12	7	19.36	19.46	19.50	
5	256QAM	12	13	19.44	19.24	19.36	

5	256QAM	25	0	19.55	19.43	19.52	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.47	24.55	24.51	25.7
3	QPSK	1	8	24.35	24.28	24.26	
3	QPSK	1	14	24.49	24.38	24.44	
3	QPSK	8	0	23.50	23.60	23.50	24.7
3	QPSK	8	4	23.47	23.44	23.50	
3	QPSK	8	7	23.55	23.44	23.40	
3	QPSK	15	0	23.39	23.44	23.50	
3	16QAM	1	0	23.86	23.57	23.63	24.7
3	16QAM	1	8	23.80	23.79	23.83	
3	16QAM	1	14	23.73	23.69	23.72	
3	16QAM	8	0	22.45	22.42	22.44	23.7
3	16QAM	8	4	22.44	22.38	22.43	
3	16QAM	8	7	22.50	22.53	22.44	
3	16QAM	15	0	22.37	22.37	22.45	
3	64QAM	1	0	22.80	22.62	22.64	23.7
3	64QAM	1	8	22.63	22.67	22.64	
3	64QAM	1	14	22.60	22.65	22.55	
3	64QAM	8	0	21.52	21.45	21.52	22.7
3	64QAM	8	4	21.57	21.59	21.41	
3	64QAM	8	7	21.38	21.54	21.47	
3	64QAM	15	0	21.52	21.52	21.49	
3	256QAM	1	0	19.67	19.75	19.62	20.7
3	256QAM	1	8	19.26	19.36	19.21	
3	256QAM	1	14	19.60	19.54	19.42	
3	256QAM	8	0	19.69	19.72	19.55	20.7
3	256QAM	8	4	19.34	19.32	19.44	
3	256QAM	8	7	19.40	19.41	19.44	
3	256QAM	15	0	19.58	19.51	19.49	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.54	24.55	24.46	25.7
1.4	QPSK	1	3	24.34	24.26	24.36	
1.4	QPSK	1	5	24.38	24.40	24.45	
1.4	QPSK	3	0	24.48	24.50	24.50	
1.4	QPSK	3	1	24.39	24.28	24.28	
1.4	QPSK	3	3	24.51	24.38	24.31	
1.4	QPSK	6	0	23.48	23.56	23.41	24.7
1.4	16QAM	1	0	23.40	23.40	23.42	24.7
1.4	16QAM	1	3	23.43	23.42	23.38	
1.4	16QAM	1	5	23.40	23.58	23.46	
1.4	16QAM	3	0	23.90	23.60	23.71	
1.4	16QAM	3	1	23.80	23.74	23.87	
1.4	16QAM	3	3	23.87	23.72	23.57	
1.4	16QAM	6	0	22.56	22.47	22.49	23.7
1.4	64QAM	1	0	22.45	22.44	22.42	23.7
1.4	64QAM	1	3	22.39	22.47	22.52	
1.4	64QAM	1	5	22.55	22.48	22.54	
1.4	64QAM	3	0	22.68	22.52	22.55	
1.4	64QAM	3	1	22.48	22.50	22.52	
1.4	64QAM	3	3	22.68	22.80	22.50	
1.4	64QAM	6	0	21.55	21.38	21.37	22.7
1.4	256QAM	1	0	19.74	19.74	19.69	20.7
1.4	256QAM	1	3	19.35	19.17	19.34	
1.4	256QAM	1	5	19.42	19.49	19.47	
1.4	256QAM	3	0	19.78	19.70	19.67	
1.4	256QAM	3	1	19.36	19.46	19.47	
1.4	256QAM	3	3	19.32	19.39	19.48	
1.4	256QAM	6	0	19.65	19.57	19.39	20.7

<LTE Band 12_Ant 0_TX0_Index 7/8/9/10/11>

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	24.60	24.56	24.56	25.7
10	QPSK	1	25	24.43	24.37	24.42	
10	QPSK	1	49	24.51	24.52	24.50	
10	QPSK	25	0	23.59	23.61	23.56	24.7
10	QPSK	25	12	23.60	23.58	23.54	
10	QPSK	25	25	23.58	23.57	23.56	
10	QPSK	50	0	23.58	23.58	23.58	
10	16QAM	1	0	23.91	23.77	23.74	24.7
10	16QAM	1	25	23.84	23.82	23.90	
10	16QAM	1	49	23.91	23.88	23.72	
10	16QAM	25	0	22.59	22.59	22.57	23.7
10	16QAM	25	12	22.56	22.58	22.58	
10	16QAM	25	25	22.59	22.59	22.58	
10	16QAM	50	0	22.55	22.54	22.56	
10	64QAM	1	0	22.83	22.68	22.64	23.7
10	64QAM	1	25	22.66	22.69	22.69	
10	64QAM	1	49	22.80	22.85	22.65	
10	64QAM	25	0	21.56	21.50	21.55	22.7
10	64QAM	25	12	21.57	21.59	21.59	
10	64QAM	25	25	21.58	21.58	21.57	
10	64QAM	50	0	21.56	21.57	21.56	
10	256QAM	1	0	19.87	19.76	19.80	20.7
10	256QAM	1	25	19.45	19.37	19.41	
10	256QAM	1	49	19.62	19.54	19.48	
10	256QAM	25	0	19.78	19.74	19.75	20.7
10	256QAM	25	12	19.51	19.48	19.52	
10	256QAM	25	25	19.51	19.44	19.48	
10	256QAM	50	0	19.65	19.62	19.58	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.45	24.47	24.41	25.7
5	QPSK	1	12	24.34	24.17	24.25	
5	QPSK	1	24	24.41	24.48	24.36	
5	QPSK	12	0	23.49	23.44	23.55	24.7
5	QPSK	12	7	23.43	23.52	23.50	
5	QPSK	12	13	23.45	23.54	23.42	
5	QPSK	25	0	23.53	23.40	23.46	
5	16QAM	1	0	23.71	23.57	23.70	24.7
5	16QAM	1	12	23.83	23.67	23.72	
5	16QAM	1	24	23.79	23.79	23.62	
5	16QAM	12	0	22.41	22.57	22.55	23.7
5	16QAM	12	7	22.53	22.56	22.42	
5	16QAM	12	13	22.59	22.39	22.54	
5	16QAM	25	0	22.49	22.45	22.40	
5	64QAM	1	0	22.77	22.63	22.52	23.7
5	64QAM	1	12	22.49	22.54	22.69	
5	64QAM	1	24	22.70	22.73	22.48	
5	64QAM	12	0	21.36	21.38	21.40	22.7
5	64QAM	12	7	21.47	21.46	21.59	
5	64QAM	12	13	21.58	21.48	21.46	
5	64QAM	25	0	21.51	21.54	21.49	
5	256QAM	1	0	19.87	19.76	19.61	20.7
5	256QAM	1	12	19.30	19.26	19.21	
5	256QAM	1	24	19.44	19.46	19.31	
5	256QAM	12	0	19.66	19.54	19.58	20.7
5	256QAM	12	7	19.36	19.46	19.50	
5	256QAM	12	13	19.44	19.24	19.36	

5	256QAM	25	0	19.55	19.43	19.52	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.47	24.55	24.51	25.7
3	QPSK	1	8	24.35	24.28	24.26	
3	QPSK	1	14	24.49	24.38	24.44	
3	QPSK	8	0	23.50	23.60	23.50	24.7
3	QPSK	8	4	23.47	23.44	23.50	
3	QPSK	8	7	23.55	23.44	23.40	
3	QPSK	15	0	23.39	23.44	23.50	
3	16QAM	1	0	23.86	23.57	23.63	24.7
3	16QAM	1	8	23.80	23.79	23.83	
3	16QAM	1	14	23.73	23.69	23.72	
3	16QAM	8	0	22.45	22.42	22.44	23.7
3	16QAM	8	4	22.44	22.38	22.43	
3	16QAM	8	7	22.50	22.53	22.44	
3	16QAM	15	0	22.37	22.37	22.45	
3	64QAM	1	0	22.80	22.62	22.64	23.7
3	64QAM	1	8	22.63	22.67	22.64	
3	64QAM	1	14	22.60	22.65	22.55	
3	64QAM	8	0	21.52	21.45	21.52	22.7
3	64QAM	8	4	21.57	21.59	21.41	
3	64QAM	8	7	21.38	21.54	21.47	
3	64QAM	15	0	21.52	21.52	21.49	
3	256QAM	1	0	19.67	19.75	19.62	20.7
3	256QAM	1	8	19.26	19.36	19.21	
3	256QAM	1	14	19.60	19.54	19.42	
3	256QAM	8	0	19.69	19.72	19.55	20.7
3	256QAM	8	4	19.34	19.32	19.44	
3	256QAM	8	7	19.40	19.41	19.44	
3	256QAM	15	0	19.58	19.51	19.49	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.54	24.55	24.46	25.7
1.4	QPSK	1	3	24.34	24.26	24.36	
1.4	QPSK	1	5	24.38	24.40	24.45	
1.4	QPSK	3	0	24.48	24.50	24.50	
1.4	QPSK	3	1	24.39	24.28	24.28	
1.4	QPSK	3	3	24.51	24.38	24.31	
1.4	QPSK	6	0	23.48	23.56	23.41	24.7
1.4	16QAM	1	0	23.40	23.40	23.42	24.7
1.4	16QAM	1	3	23.43	23.42	23.38	
1.4	16QAM	1	5	23.40	23.58	23.46	
1.4	16QAM	3	0	23.90	23.60	23.71	
1.4	16QAM	3	1	23.80	23.74	23.87	
1.4	16QAM	3	3	23.87	23.72	23.57	
1.4	16QAM	6	0	22.56	22.47	22.49	23.7
1.4	64QAM	1	0	22.45	22.44	22.42	23.7
1.4	64QAM	1	3	22.39	22.47	22.52	
1.4	64QAM	1	5	22.55	22.48	22.54	
1.4	64QAM	3	0	22.68	22.52	22.55	
1.4	64QAM	3	1	22.48	22.50	22.52	
1.4	64QAM	3	3	22.68	22.80	22.50	
1.4	64QAM	6	0	21.55	21.38	21.37	22.7
1.4	256QAM	1	0	19.74	19.74	19.69	20.7
1.4	256QAM	1	3	19.35	19.17	19.34	
1.4	256QAM	1	5	19.42	19.49	19.47	
1.4	256QAM	3	0	19.78	19.70	19.67	
1.4	256QAM	3	1	19.36	19.46	19.47	
1.4	256QAM	3	3	19.32	19.39	19.48	
1.4	256QAM	6	0	19.65	19.57	19.39	20.7

<LTE Band 12_Ant 1_TX1_Index 2/3/4/5/6>

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	24.43	24.53	24.43	25.7
10	QPSK	1	25	24.36	24.49	24.33	
10	QPSK	1	49	24.42	24.51	24.38	
10	QPSK	25	0	23.47	23.52	23.42	24.7
10	QPSK	25	12	23.39	23.52	23.41	
10	QPSK	25	25	23.45	23.50	23.40	
10	QPSK	50	0	23.44	23.52	23.45	
10	16QAM	1	0	23.72	23.69	23.63	24.7
10	16QAM	1	25	23.66	23.77	23.86	
10	16QAM	1	49	23.78	23.92	23.59	
10	16QAM	25	0	22.43	22.52	22.42	23.7
10	16QAM	25	12	22.43	22.52	22.41	
10	16QAM	25	25	22.45	22.56	22.44	
10	16QAM	50	0	22.39	22.51	22.41	
10	64QAM	1	0	22.72	22.65	22.57	23.7
10	64QAM	1	25	22.48	22.59	22.63	
10	64QAM	1	49	22.70	22.83	22.48	
10	64QAM	25	0	21.40	21.48	21.39	22.7
10	64QAM	25	12	21.40	21.52	21.40	
10	64QAM	25	25	21.44	21.55	21.42	
10	64QAM	50	0	21.40	21.51	21.42	
10	256QAM	1	0	19.78	19.82	19.75	20.7
10	256QAM	1	25	19.44	19.55	19.46	
10	256QAM	1	49	19.53	19.62	19.54	
10	256QAM	25	0	19.53	19.60	19.51	20.7
10	256QAM	25	12	19.40	19.49	19.41	
10	256QAM	25	25	19.36	19.50	19.35	
10	256QAM	50	0	19.41	19.54	19.41	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.43	24.33	24.30	25.7
5	QPSK	1	12	24.34	24.48	24.17	
5	QPSK	1	24	24.30	24.37	24.36	
5	QPSK	12	0	23.43	23.45	23.42	24.7
5	QPSK	12	7	23.19	23.47	23.32	
5	QPSK	12	13	23.43	23.40	23.33	
5	QPSK	25	0	23.37	23.35	23.31	
5	16QAM	1	0	23.62	23.53	23.60	24.7
5	16QAM	1	12	23.56	23.74	23.74	
5	16QAM	1	24	23.66	23.77	23.48	
5	16QAM	12	0	22.29	22.33	22.22	23.7
5	16QAM	12	7	22.26	22.36	22.35	
5	16QAM	12	13	22.27	22.46	22.32	
5	16QAM	25	0	22.21	22.36	22.37	
5	64QAM	1	0	22.65	22.52	22.57	23.7
5	64QAM	1	12	22.42	22.39	22.55	
5	64QAM	1	24	22.64	22.63	22.48	
5	64QAM	12	0	21.38	21.28	21.21	22.7
5	64QAM	12	7	21.23	21.33	21.25	
5	64QAM	12	13	21.40	21.42	21.42	
5	64QAM	25	0	21.22	21.51	21.27	
5	256QAM	1	0	19.77	19.67	19.72	20.7
5	256QAM	1	12	19.31	19.40	19.32	
5	256QAM	1	24	19.53	19.43	19.49	
5	256QAM	12	0	19.51	19.46	19.33	20.7
5	256QAM	12	7	19.29	19.41	19.27	
5	256QAM	12	13	19.27	19.36	19.23	

5	256QAM	25	0	19.41	19.50	19.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.43	24.31	24.23	25.7
3	QPSK	1	8	24.32	24.45	24.11	
3	QPSK	1	14	24.31	24.34	24.30	
3	QPSK	8	0	23.38	23.41	23.44	24.7
3	QPSK	8	4	23.14	23.49	23.26	
3	QPSK	8	7	23.46	23.41	23.28	
3	QPSK	15	0	23.33	23.34	23.34	
3	16QAM	1	0	23.56	23.53	23.59	24.7
3	16QAM	1	8	23.56	23.67	23.69	
3	16QAM	1	14	23.69	23.71	23.49	
3	16QAM	8	0	22.27	22.28	22.16	23.7
3	16QAM	8	4	22.29	22.29	22.31	
3	16QAM	8	7	22.24	22.47	22.31	
3	16QAM	15	0	22.22	22.36	22.33	
3	64QAM	1	0	22.67	22.51	22.50	23.7
3	64QAM	1	8	22.36	22.35	22.58	
3	64QAM	1	14	22.58	22.64	22.47	
3	64QAM	8	0	21.31	21.24	21.17	22.7
3	64QAM	8	4	21.20	21.29	21.21	
3	64QAM	8	7	21.43	21.35	21.36	
3	64QAM	15	0	21.23	21.45	21.23	
3	256QAM	1	0	19.76	19.65	19.67	20.7
3	256QAM	1	8	19.32	19.33	19.35	
3	256QAM	1	14	19.48	19.44	19.44	
3	256QAM	8	0	19.52	19.39	19.26	20.7
3	256QAM	8	4	19.28	19.37	19.30	
3	256QAM	8	7	19.30	19.32	19.26	
3	256QAM	15	0	19.35	19.49	19.32	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.39	24.32	24.26	25.7
1.4	QPSK	1	3	24.32	24.46	24.11	
1.4	QPSK	1	5	24.32	24.30	24.28	
1.4	QPSK	3	0	24.26	24.19	24.17	
1.4	QPSK	3	1	24.22	24.16	24.13	
1.4	QPSK	3	3	24.21	24.10	24.11	
1.4	QPSK	6	0	23.31	23.29	23.31	24.7
1.4	16QAM	1	0	23.58	23.51	23.56	24.7
1.4	16QAM	1	3	23.52	23.70	23.68	
1.4	16QAM	1	5	23.71	23.74	23.47	
1.4	16QAM	3	0	23.30	23.31	23.32	
1.4	16QAM	3	1	23.22	23.24	23.26	
1.4	16QAM	3	3	23.21	23.20	23.21	
1.4	16QAM	6	0	22.18	22.35	22.36	23.7
1.4	64QAM	1	0	22.62	22.45	22.45	23.7
1.4	64QAM	1	3	22.35	22.28	22.51	
1.4	64QAM	1	5	22.59	22.63	22.48	
1.4	64QAM	3	0	22.35	22.31	22.36	
1.4	64QAM	3	1	22.29	22.26	22.22	
1.4	64QAM	3	3	22.19	22.16	22.21	
1.4	64QAM	6	0	21.18	21.44	21.21	22.7
1.4	256QAM	1	0	19.72	19.66	19.64	20.7
1.4	256QAM	1	3	19.34	19.33	19.37	
1.4	256QAM	1	5	19.51	19.41	19.43	
1.4	256QAM	3	0	19.54	19.33	19.21	
1.4	256QAM	3	1	19.29	19.37	19.33	
1.4	256QAM	3	3	19.25	19.35	19.29	
1.4	256QAM	6	0	19.33	19.44	19.33	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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.43	24.53	24.43	25.5
10	QPSK	1	25	24.36	24.49	24.33	
10	QPSK	1	49	24.42	24.51	24.38	
10	QPSK	25	0	23.47	23.52	23.42	24.7
10	QPSK	25	12	23.39	23.52	23.41	
10	QPSK	25	25	23.45	23.50	23.40	
10	QPSK	50	0	23.44	23.52	23.45	
10	16QAM	1	0	23.72	23.69	23.63	24.7
10	16QAM	1	25	23.66	23.77	23.86	
10	16QAM	1	49	23.78	23.92	23.59	
10	16QAM	25	0	22.43	22.52	22.42	23.7
10	16QAM	25	12	22.43	22.52	22.41	
10	16QAM	25	25	22.45	22.56	22.44	
10	16QAM	50	0	22.39	22.51	22.41	
10	64QAM	1	0	22.72	22.65	22.57	23.7
10	64QAM	1	25	22.48	22.59	22.63	
10	64QAM	1	49	22.70	22.83	22.48	
10	64QAM	25	0	21.40	21.48	21.39	22.7
10	64QAM	25	12	21.40	21.52	21.40	
10	64QAM	25	25	21.44	21.55	21.42	
10	64QAM	50	0	21.40	21.51	21.42	
10	256QAM	1	0	19.78	19.82	19.75	20.7
10	256QAM	1	25	19.44	19.55	19.46	
10	256QAM	1	49	19.53	19.62	19.54	
10	256QAM	25	0	19.53	19.60	19.51	20.7
10	256QAM	25	12	19.40	19.49	19.41	
10	256QAM	25	25	19.36	19.50	19.35	
10	256QAM	50	0	19.41	19.54	19.41	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.43	24.33	24.30	25.5
5	QPSK	1	12	24.34	24.48	24.17	
5	QPSK	1	24	24.30	24.37	24.36	
5	QPSK	12	0	23.43	23.45	23.42	24.7
5	QPSK	12	7	23.19	23.47	23.32	
5	QPSK	12	13	23.43	23.40	23.33	
5	QPSK	25	0	23.37	23.35	23.31	
5	16QAM	1	0	23.62	23.53	23.60	24.7
5	16QAM	1	12	23.56	23.74	23.74	
5	16QAM	1	24	23.66	23.77	23.48	
5	16QAM	12	0	22.29	22.33	22.22	23.7
5	16QAM	12	7	22.26	22.36	22.35	
5	16QAM	12	13	22.27	22.46	22.32	
5	16QAM	25	0	22.21	22.36	22.37	
5	64QAM	1	0	22.65	22.52	22.57	23.7
5	64QAM	1	12	22.42	22.39	22.55	
5	64QAM	1	24	22.64	22.63	22.48	
5	64QAM	12	0	21.38	21.28	21.21	22.7
5	64QAM	12	7	21.23	21.33	21.25	
5	64QAM	12	13	21.40	21.42	21.42	
5	64QAM	25	0	21.22	21.51	21.27	
5	256QAM	1	0	19.77	19.67	19.72	20.7
5	256QAM	1	12	19.31	19.40	19.32	
5	256QAM	1	24	19.53	19.43	19.49	
5	256QAM	12	0	19.51	19.46	19.33	20.7
5	256QAM	12	7	19.29	19.41	19.27	
5	256QAM	12	13	19.27	19.36	19.23	

5	256QAM	25	0	19.41	19.50	19.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.39	24.38	24.30	25.5
3	QPSK	1	8	24.35	24.38	24.27	
3	QPSK	1	14	24.38	24.48	24.29	
3	QPSK	8	0	23.37	23.36	23.22	24.7
3	QPSK	8	4	23.33	23.36	23.31	
3	QPSK	8	7	23.27	23.42	23.25	
3	QPSK	15	0	23.25	23.44	23.29	
3	16QAM	1	0	23.57	23.49	23.51	24.7
3	16QAM	1	8	23.55	23.59	23.81	
3	16QAM	1	14	23.73	23.74	23.51	
3	16QAM	8	0	22.34	22.47	22.38	23.7
3	16QAM	8	4	22.43	22.37	22.38	
3	16QAM	8	7	22.25	22.36	22.34	
3	16QAM	15	0	22.33	22.47	22.22	
3	64QAM	1	0	22.60	22.61	22.46	23.7
3	64QAM	1	8	22.30	22.42	22.56	
3	64QAM	1	14	22.62	22.64	22.31	
3	64QAM	8	0	21.31	21.39	21.28	22.7
3	64QAM	8	4	21.27	21.48	21.24	
3	64QAM	8	7	21.38	21.44	21.25	
3	64QAM	15	0	21.20	21.32	21.33	
3	256QAM	1	0	19.59	19.68	19.72	20.7
3	256QAM	1	8	19.44	19.43	19.26	
3	256QAM	1	14	19.45	19.53	19.45	
3	256QAM	8	0	19.48	19.57	19.43	20.7
3	256QAM	8	4	19.29	19.41	19.28	
3	256QAM	8	7	19.22	19.44	19.17	
3	256QAM	15	0	19.23	19.45	19.30	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.36	24.35	24.26	25.5
1.4	QPSK	1	3	24.24	24.49	24.33	
1.4	QPSK	1	5	24.38	24.50	24.22	
1.4	QPSK	3	0	24.37	24.36	24.38	
1.4	QPSK	3	1	24.30	24.29	24.33	
1.4	QPSK	3	3	24.38	24.43	24.22	
1.4	QPSK	6	0	23.27	23.49	23.36	24.7
1.4	16QAM	1	0	23.24	23.46	23.21	24.7
1.4	16QAM	1	3	23.35	23.32	23.39	
1.4	16QAM	1	5	23.25	23.44	23.29	
1.4	16QAM	3	0	23.65	23.49	23.43	
1.4	16QAM	3	1	23.53	23.59	23.86	
1.4	16QAM	3	3	23.74	23.79	23.41	
1.4	16QAM	6	0	22.37	22.47	22.32	23.7
1.4	64QAM	1	0	22.34	22.43	22.31	23.7
1.4	64QAM	1	3	22.32	22.49	22.27	
1.4	64QAM	1	5	22.37	22.46	22.22	
1.4	64QAM	3	0	22.53	22.58	22.50	
1.4	64QAM	3	1	22.37	22.45	22.56	
1.4	64QAM	3	3	22.64	22.78	22.38	
1.4	64QAM	6	0	21.21	21.44	21.26	22.7
1.4	256QAM	1	0	19.71	19.72	19.74	20.7
1.4	256QAM	1	3	19.26	19.51	19.46	
1.4	256QAM	1	5	19.46	19.54	19.37	
1.4	256QAM	3	0	19.40	19.56	19.33	
1.4	256QAM	3	1	19.37	19.31	19.27	
1.4	256QAM	3	3	19.31	19.37	19.21	
1.4	256QAM	6	0	19.24	19.53	19.21	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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.43	24.53	24.43	24.7
10	QPSK	1	25	24.36	24.49	24.33	
10	QPSK	1	49	24.42	24.51	24.38	
10	QPSK	25	0	23.47	23.52	23.42	24.7
10	QPSK	25	12	23.39	23.52	23.41	
10	QPSK	25	25	23.45	23.50	23.40	
10	QPSK	50	0	23.44	23.52	23.45	
10	16QAM	1	0	23.72	23.69	23.63	24.7
10	16QAM	1	25	23.66	23.77	23.86	
10	16QAM	1	49	23.78	23.92	23.59	
10	16QAM	25	0	22.43	22.52	22.42	23.7
10	16QAM	25	12	22.43	22.52	22.41	
10	16QAM	25	25	22.45	22.56	22.44	
10	16QAM	50	0	22.39	22.51	22.41	
10	64QAM	1	0	22.72	22.65	22.57	23.7
10	64QAM	1	25	22.48	22.59	22.63	
10	64QAM	1	49	22.70	22.83	22.48	
10	64QAM	25	0	21.40	21.48	21.39	22.7
10	64QAM	25	12	21.40	21.52	21.40	
10	64QAM	25	25	21.44	21.55	21.42	
10	64QAM	50	0	21.40	21.51	21.42	
10	256QAM	1	0	19.78	19.82	19.75	20.7
10	256QAM	1	25	19.44	19.55	19.46	
10	256QAM	1	49	19.53	19.62	19.54	
10	256QAM	25	0	19.53	19.60	19.51	20.7
10	256QAM	25	12	19.40	19.49	19.41	
10	256QAM	25	25	19.36	19.50	19.35	
10	256QAM	50	0	19.41	19.54	19.41	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.43	24.33	24.30	24.7
5	QPSK	1	12	24.34	24.48	24.17	
5	QPSK	1	24	24.30	24.37	24.36	
5	QPSK	12	0	23.43	23.45	23.42	24.7
5	QPSK	12	7	23.19	23.47	23.32	
5	QPSK	12	13	23.43	23.40	23.33	
5	QPSK	25	0	23.37	23.35	23.31	
5	16QAM	1	0	23.62	23.53	23.60	24.7
5	16QAM	1	12	23.56	23.74	23.74	
5	16QAM	1	24	23.66	23.77	23.48	
5	16QAM	12	0	22.29	22.33	22.22	23.7
5	16QAM	12	7	22.26	22.36	22.35	
5	16QAM	12	13	22.27	22.46	22.32	
5	16QAM	25	0	22.21	22.36	22.37	
5	64QAM	1	0	22.65	22.52	22.57	23.7
5	64QAM	1	12	22.42	22.39	22.55	
5	64QAM	1	24	22.64	22.63	22.48	
5	64QAM	12	0	21.38	21.28	21.21	22.7
5	64QAM	12	7	21.23	21.33	21.25	
5	64QAM	12	13	21.40	21.42	21.42	
5	64QAM	25	0	21.22	21.51	21.27	
5	256QAM	1	0	19.77	19.67	19.72	20.7
5	256QAM	1	12	19.31	19.40	19.32	
5	256QAM	1	24	19.53	19.43	19.49	
5	256QAM	12	0	19.51	19.46	19.33	20.7
5	256QAM	12	7	19.29	19.41	19.27	
5	256QAM	12	13	19.27	19.36	19.23	

5	256QAM	25	0	19.41	19.50	19.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.39	24.38	24.30	24.7
3	QPSK	1	8	24.35	24.38	24.27	
3	QPSK	1	14	24.38	24.48	24.29	
3	QPSK	8	0	23.37	23.36	23.22	24.7
3	QPSK	8	4	23.33	23.36	23.31	
3	QPSK	8	7	23.27	23.42	23.25	
3	QPSK	15	0	23.25	23.44	23.29	
3	16QAM	1	0	23.57	23.49	23.51	24.7
3	16QAM	1	8	23.55	23.59	23.81	
3	16QAM	1	14	23.73	23.74	23.51	
3	16QAM	8	0	22.34	22.47	22.38	23.7
3	16QAM	8	4	22.43	22.37	22.38	
3	16QAM	8	7	22.25	22.36	22.34	
3	16QAM	15	0	22.33	22.47	22.22	
3	64QAM	1	0	22.60	22.61	22.46	23.7
3	64QAM	1	8	22.30	22.42	22.56	
3	64QAM	1	14	22.62	22.64	22.31	
3	64QAM	8	0	21.31	21.39	21.28	22.7
3	64QAM	8	4	21.27	21.48	21.24	
3	64QAM	8	7	21.38	21.44	21.25	
3	64QAM	15	0	21.20	21.32	21.33	
3	256QAM	1	0	19.59	19.68	19.72	20.7
3	256QAM	1	8	19.44	19.43	19.26	
3	256QAM	1	14	19.45	19.53	19.45	
3	256QAM	8	0	19.48	19.57	19.43	20.7
3	256QAM	8	4	19.29	19.41	19.28	
3	256QAM	8	7	19.22	19.44	19.17	
3	256QAM	15	0	19.23	19.45	19.30	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.36	24.35	24.26	24.7
1.4	QPSK	1	3	24.24	24.49	24.33	
1.4	QPSK	1	5	24.38	24.50	24.22	
1.4	QPSK	3	0	24.37	24.36	24.38	
1.4	QPSK	3	1	24.30	24.29	24.33	
1.4	QPSK	3	3	24.38	24.43	24.22	
1.4	QPSK	6	0	23.27	23.49	23.36	24.7
1.4	16QAM	1	0	23.24	23.46	23.21	24.7
1.4	16QAM	1	3	23.35	23.32	23.39	
1.4	16QAM	1	5	23.25	23.44	23.29	
1.4	16QAM	3	0	23.65	23.49	23.43	
1.4	16QAM	3	1	23.53	23.59	23.86	
1.4	16QAM	3	3	23.74	23.79	23.41	
1.4	16QAM	6	0	22.37	22.47	22.32	23.7
1.4	64QAM	1	0	22.34	22.43	22.31	23.7
1.4	64QAM	1	3	22.32	22.49	22.27	
1.4	64QAM	1	5	22.37	22.46	22.22	
1.4	64QAM	3	0	22.53	22.58	22.50	
1.4	64QAM	3	1	22.37	22.45	22.56	
1.4	64QAM	3	3	22.64	22.78	22.38	
1.4	64QAM	6	0	21.21	21.44	21.26	22.7
1.4	256QAM	1	0	19.71	19.72	19.74	20.7
1.4	256QAM	1	3	19.26	19.51	19.46	
1.4	256QAM	1	5	19.46	19.54	19.37	
1.4	256QAM	3	0	19.40	19.56	19.33	
1.4	256QAM	3	1	19.37	19.31	19.27	
1.4	256QAM	3	3	19.31	19.37	19.21	
1.4	256QAM	6	0	19.24	19.53	19.21	20.7

<LTE Band 12_Ant 1_TX1_Index 9/10/11>

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	24.43	24.53	24.43	25.7
10	QPSK	1	25	24.36	24.49	24.33	
10	QPSK	1	49	24.42	24.51	24.38	
10	QPSK	25	0	23.47	23.52	23.42	24.7
10	QPSK	25	12	23.39	23.52	23.41	
10	QPSK	25	25	23.45	23.50	23.40	
10	QPSK	50	0	23.44	23.52	23.45	
10	16QAM	1	0	23.72	23.69	23.63	24.7
10	16QAM	1	25	23.66	23.77	23.86	
10	16QAM	1	49	23.78	23.92	23.59	
10	16QAM	25	0	22.43	22.52	22.42	23.7
10	16QAM	25	12	22.43	22.52	22.41	
10	16QAM	25	25	22.45	22.56	22.44	
10	16QAM	50	0	22.39	22.51	22.41	
10	64QAM	1	0	22.72	22.65	22.57	23.7
10	64QAM	1	25	22.48	22.59	22.63	
10	64QAM	1	49	22.70	22.83	22.48	
10	64QAM	25	0	21.40	21.48	21.39	22.7
10	64QAM	25	12	21.40	21.52	21.40	
10	64QAM	25	25	21.44	21.55	21.42	
10	64QAM	50	0	21.40	21.51	21.42	
10	256QAM	1	0	19.78	19.82	19.75	20.7
10	256QAM	1	25	19.44	19.55	19.46	
10	256QAM	1	49	19.53	19.62	19.54	
10	256QAM	25	0	19.53	19.60	19.51	20.7
10	256QAM	25	12	19.40	19.49	19.41	
10	256QAM	25	25	19.36	19.50	19.35	
10	256QAM	50	0	19.41	19.54	19.41	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.43	24.33	24.30	25.7
5	QPSK	1	12	24.34	24.48	24.17	
5	QPSK	1	24	24.30	24.37	24.36	
5	QPSK	12	0	23.43	23.45	23.42	24.7
5	QPSK	12	7	23.19	23.47	23.32	
5	QPSK	12	13	23.43	23.40	23.33	
5	QPSK	25	0	23.37	23.35	23.31	
5	16QAM	1	0	23.62	23.53	23.60	24.7
5	16QAM	1	12	23.56	23.74	23.74	
5	16QAM	1	24	23.66	23.77	23.48	
5	16QAM	12	0	22.29	22.33	22.22	23.7
5	16QAM	12	7	22.26	22.36	22.35	
5	16QAM	12	13	22.27	22.46	22.32	
5	16QAM	25	0	22.21	22.36	22.37	
5	64QAM	1	0	22.65	22.52	22.57	23.7
5	64QAM	1	12	22.42	22.39	22.55	
5	64QAM	1	24	22.64	22.63	22.48	
5	64QAM	12	0	21.38	21.28	21.21	22.7
5	64QAM	12	7	21.23	21.33	21.25	
5	64QAM	12	13	21.40	21.42	21.42	
5	64QAM	25	0	21.22	21.51	21.27	
5	256QAM	1	0	19.77	19.67	19.72	20.7
5	256QAM	1	12	19.31	19.40	19.32	
5	256QAM	1	24	19.53	19.43	19.49	
5	256QAM	12	0	19.51	19.46	19.33	20.7
5	256QAM	12	7	19.29	19.41	19.27	
5	256QAM	12	13	19.27	19.36	19.23	

5	256QAM	25	0	19.41	19.50	19.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.39	24.38	24.30	25.7
3	QPSK	1	8	24.35	24.38	24.27	
3	QPSK	1	14	24.38	24.48	24.29	
3	QPSK	8	0	23.37	23.36	23.22	24.7
3	QPSK	8	4	23.33	23.36	23.31	
3	QPSK	8	7	23.27	23.42	23.25	
3	QPSK	15	0	23.25	23.44	23.29	
3	16QAM	1	0	23.57	23.49	23.51	24.7
3	16QAM	1	8	23.55	23.59	23.81	
3	16QAM	1	14	23.73	23.74	23.51	
3	16QAM	8	0	22.34	22.47	22.38	23.7
3	16QAM	8	4	22.43	22.37	22.38	
3	16QAM	8	7	22.25	22.36	22.34	
3	16QAM	15	0	22.33	22.47	22.22	
3	64QAM	1	0	22.60	22.61	22.46	23.7
3	64QAM	1	8	22.30	22.42	22.56	
3	64QAM	1	14	22.62	22.64	22.31	
3	64QAM	8	0	21.31	21.39	21.28	22.7
3	64QAM	8	4	21.27	21.48	21.24	
3	64QAM	8	7	21.38	21.44	21.25	
3	64QAM	15	0	21.20	21.32	21.33	
3	256QAM	1	0	19.59	19.68	19.72	20.7
3	256QAM	1	8	19.44	19.43	19.26	
3	256QAM	1	14	19.45	19.53	19.45	
3	256QAM	8	0	19.48	19.57	19.43	20.7
3	256QAM	8	4	19.29	19.41	19.28	
3	256QAM	8	7	19.22	19.44	19.17	
3	256QAM	15	0	19.23	19.45	19.30	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.36	24.35	24.26	25.7
1.4	QPSK	1	3	24.24	24.49	24.33	
1.4	QPSK	1	5	24.38	24.50	24.22	
1.4	QPSK	3	0	24.37	24.36	24.38	
1.4	QPSK	3	1	24.30	24.29	24.33	
1.4	QPSK	3	3	24.38	24.43	24.22	
1.4	QPSK	6	0	23.27	23.49	23.36	24.7
1.4	16QAM	1	0	23.24	23.46	23.21	24.7
1.4	16QAM	1	3	23.35	23.32	23.39	
1.4	16QAM	1	5	23.25	23.44	23.29	
1.4	16QAM	3	0	23.65	23.49	23.43	
1.4	16QAM	3	1	23.53	23.59	23.86	
1.4	16QAM	3	3	23.74	23.79	23.41	
1.4	16QAM	6	0	22.37	22.47	22.32	23.7
1.4	64QAM	1	0	22.34	22.43	22.31	23.7
1.4	64QAM	1	3	22.32	22.49	22.27	
1.4	64QAM	1	5	22.37	22.46	22.22	
1.4	64QAM	3	0	22.53	22.58	22.50	
1.4	64QAM	3	1	22.37	22.45	22.56	
1.4	64QAM	3	3	22.64	22.78	22.38	
1.4	64QAM	6	0	21.21	21.44	21.26	22.7
1.4	256QAM	1	0	19.71	19.72	19.74	20.7
1.4	256QAM	1	3	19.26	19.51	19.46	
1.4	256QAM	1	5	19.46	19.54	19.37	
1.4	256QAM	3	0	19.40	19.56	19.33	
1.4	256QAM	3	1	19.37	19.31	19.27	
1.4	256QAM	3	3	19.31	19.37	19.21	
1.4	256QAM	6	0	19.24	19.53	19.21	20.7

<LTE Band 13_Ant 0_TX0_Index 2/3/4/5/6>

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		24.32		25.7
10	QPSK	1	25		24.20		
10	QPSK	1	49		24.21		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	12		23.37		
10	QPSK	25	25		23.34		
10	QPSK	50	0		23.42		
10	16QAM	1	0		23.46		24.7
10	16QAM	1	25		23.61		
10	16QAM	1	49		23.56		
10	16QAM	25	0		22.38		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.31		
10	16QAM	50	0		22.34		
10	64QAM	1	0		22.63		23.7
10	64QAM	1	25		22.63		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.37		22.7
10	64QAM	25	12		21.37		
10	64QAM	25	25		21.37		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.60		20.7
10	256QAM	1	25		19.40		
10	256QAM	1	49		19.25		
10	256QAM	25	0		19.42		20.7
10	256QAM	25	12		19.37		
10	256QAM	25	25		19.33		
10	256QAM	50	0		19.33		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.28	24.12	24.20	25.7
5	QPSK	1	12	24.20	24.04	24.04	
5	QPSK	1	24	24.04	24.02	24.07	
5	QPSK	12	0	23.20	23.35	23.39	24.7
5	QPSK	12	7	23.25	23.21	23.31	
5	QPSK	12	13	23.16	23.32	23.26	
5	QPSK	25	0	23.24	23.24	23.29	
5	16QAM	1	0	23.46	23.41	23.31	24.7
5	16QAM	1	12	23.61	23.45	23.57	
5	16QAM	1	24	23.49	23.56	23.53	
5	16QAM	12	0	22.19	22.23	22.38	23.7
5	16QAM	12	7	22.24	22.28	22.32	
5	16QAM	12	13	22.25	22.21	22.17	
5	16QAM	25	0	22.30	22.24	22.32	
5	64QAM	1	0	22.46	22.48	22.54	23.7
5	64QAM	1	12	22.57	22.62	22.60	
5	64QAM	1	24	22.57	22.59	22.60	
5	64QAM	12	0	21.17	21.27	21.30	22.7
5	64QAM	12	7	21.17	21.29	21.34	
5	64QAM	12	13	21.33	21.36	21.26	
5	64QAM	25	0	21.29	21.16	21.30	
5	256QAM	1	0	19.56	19.50	19.48	20.7
5	256QAM	1	12	19.39	19.38	19.34	
5	256QAM	1	24	19.06	19.11	19.24	
5	256QAM	12	0	19.23	19.38	19.41	20.7
5	256QAM	12	7	19.28	19.24	19.17	
5	256QAM	12	13	19.16	19.16	19.14	
5	256QAM	25	0	19.29	19.24	19.14	

<LTE Band 13_Ant 0_TX0_Index 7/8/9/10/11>

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		24.32		25.7
10	QPSK	1	25		24.20		
10	QPSK	1	49		24.21		
10	QPSK	25	0		23.39		24.7
10	QPSK	25	12		23.37		
10	QPSK	25	25		23.34		
10	QPSK	50	0		23.42		
10	16QAM	1	0		23.46		24.7
10	16QAM	1	25		23.61		
10	16QAM	1	49		23.56		
10	16QAM	25	0		22.38		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.31		
10	16QAM	50	0		22.34		
10	64QAM	1	0		22.63		23.7
10	64QAM	1	25		22.63		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.37		22.7
10	64QAM	25	12		21.37		
10	64QAM	25	25		21.37		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.60		20.7
10	256QAM	1	25		19.40		
10	256QAM	1	49		19.25		
10	256QAM	25	0		19.42		20.7
10	256QAM	25	12		19.37		
10	256QAM	25	25		19.33		
10	256QAM	50	0		19.33		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.28	24.12	24.20	25.7
5	QPSK	1	12	24.20	24.04	24.04	
5	QPSK	1	24	24.04	24.02	24.07	
5	QPSK	12	0	23.20	23.35	23.39	24.7
5	QPSK	12	7	23.25	23.21	23.31	
5	QPSK	12	13	23.16	23.32	23.26	
5	QPSK	25	0	23.24	23.24	23.29	
5	16QAM	1	0	23.46	23.41	23.31	24.7
5	16QAM	1	12	23.61	23.45	23.57	
5	16QAM	1	24	23.49	23.56	23.53	
5	16QAM	12	0	22.19	22.23	22.38	23.7
5	16QAM	12	7	22.24	22.28	22.32	
5	16QAM	12	13	22.25	22.21	22.17	
5	16QAM	25	0	22.30	22.24	22.32	
5	64QAM	1	0	22.46	22.48	22.54	23.7
5	64QAM	1	12	22.57	22.62	22.60	
5	64QAM	1	24	22.57	22.59	22.60	
5	64QAM	12	0	21.17	21.27	21.30	22.7
5	64QAM	12	7	21.17	21.29	21.34	
5	64QAM	12	13	21.33	21.36	21.26	
5	64QAM	25	0	21.29	21.16	21.30	
5	256QAM	1	0	19.56	19.50	19.48	20.7
5	256QAM	1	12	19.39	19.38	19.34	
5	256QAM	1	24	19.06	19.11	19.24	
5	256QAM	12	0	19.23	19.38	19.41	20.7
5	256QAM	12	7	19.28	19.24	19.17	
5	256QAM	12	13	19.16	19.16	19.14	
5	256QAM	25	0	19.29	19.24	19.14	

<LTE Band 13_Ant 1_TX1_Index 2/3/4/5/6>

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		24.32		25.7
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.28		
10	QPSK	25	0		23.37		24.7
10	QPSK	25	12		23.35		
10	QPSK	25	25		23.35		
10	QPSK	50	0		23.42		
10	16QAM	1	0		23.48		24.7
10	16QAM	1	25		23.56		
10	16QAM	1	49		23.60		
10	16QAM	25	0		22.34		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.32		
10	16QAM	50	0		22.38		
10	64QAM	1	0		22.52		23.7
10	64QAM	1	25		22.59		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.36		22.7
10	64QAM	25	12		21.36		
10	64QAM	25	25		21.34		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.67		20.7
10	256QAM	1	25		19.38		
10	256QAM	1	49		19.45		
10	256QAM	25	0		19.46		20.7
10	256QAM	25	12		19.35		
10	256QAM	25	25		19.34		
10	256QAM	50	0		19.36		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.30	24.16	24.12	25.7
5	QPSK	1	12	24.13	24.06	24.02	
5	QPSK	1	24	24.23	24.16	24.10	
5	QPSK	12	0	23.26	23.34	23.31	24.7
5	QPSK	12	7	23.21	23.24	23.17	
5	QPSK	12	13	23.34	23.25	23.18	
5	QPSK	25	0	23.42	23.34	23.32	
5	16QAM	1	0	23.35	23.28	23.43	24.7
5	16QAM	1	12	23.44	23.50	23.40	
5	16QAM	1	24	23.60	23.54	23.43	
5	16QAM	12	0	22.27	22.22	22.27	23.7
5	16QAM	12	7	22.25	22.29	22.32	
5	16QAM	12	13	22.12	22.14	22.18	
5	16QAM	25	0	22.19	22.22	22.33	
5	64QAM	1	0	22.39	22.49	22.48	23.7
5	64QAM	1	12	22.48	22.44	22.51	
5	64QAM	1	24	22.55	22.62	22.59	
5	64QAM	12	0	21.36	21.36	21.31	22.7
5	64QAM	12	7	21.32	21.20	21.34	
5	64QAM	12	13	21.24	21.21	21.30	
5	64QAM	25	0	21.18	21.27	21.32	
5	256QAM	1	0	19.64	19.51	19.59	20.7
5	256QAM	1	12	19.30	19.28	19.30	
5	256QAM	1	24	19.29	19.26	19.31	
5	256QAM	12	0	19.43	19.30	19.43	20.7
5	256QAM	12	7	19.21	19.15	19.22	
5	256QAM	12	13	19.23	19.20	19.14	
5	256QAM	25	0	19.33	19.36	19.30	

<LTE Band 13_Ant 1_TX1_Index 7>

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		22.91		23.8
10	QPSK	1	25		22.83		
10	QPSK	1	49		22.86		
10	QPSK	25	0		22.49		23.8
10	QPSK	25	12		22.46		
10	QPSK	25	25		22.47		
10	QPSK	50	0		22.50		
10	16QAM	1	0		22.59		23.8
10	16QAM	1	25		22.65		
10	16QAM	1	49		22.70		
10	16QAM	25	0		22.41		23.7
10	16QAM	25	12		22.40		
10	16QAM	25	25		22.40		
10	16QAM	50	0		22.39		
10	64QAM	1	0		22.78		23.7
10	64QAM	1	25		22.73		
10	64QAM	1	49		22.79		
10	64QAM	25	0		21.43		22.7
10	64QAM	25	12		21.39		
10	64QAM	25	25		21.34		
10	64QAM	50	0		21.44		
10	256QAM	1	0		19.77		20.7
10	256QAM	1	25		19.43		
10	256QAM	1	49		19.35		
10	256QAM	25	0		19.39		20.7
10	256QAM	25	12		19.35		
10	256QAM	25	25		19.41		
10	256QAM	50	0		19.34		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.81	22.74	22.75	23.8
5	QPSK	1	12	22.71	22.63	22.68	
5	QPSK	1	24	22.76	22.69	22.75	
5	QPSK	12	0	22.48	22.46	22.32	23.8
5	QPSK	12	7	22.38	22.36	22.26	
5	QPSK	12	13	22.28	22.43	22.31	
5	QPSK	25	0	22.50	22.31	22.44	
5	16QAM	1	0	22.53	22.46	22.58	23.8
5	16QAM	1	12	22.60	22.57	22.58	
5	16QAM	1	24	22.69	22.52	22.69	
5	16QAM	12	0	22.30	22.24	22.32	23.7
5	16QAM	12	7	22.25	22.28	22.17	
5	16QAM	12	13	22.34	22.31	22.35	
5	16QAM	25	0	22.45	22.38	22.22	
5	64QAM	1	0	22.64	22.64	22.53	23.7
5	64QAM	1	12	22.71	22.60	22.56	
5	64QAM	1	24	22.77	22.65	22.80	
5	64QAM	12	0	21.38	21.33	21.38	22.7
5	64QAM	12	7	21.42	21.32	21.43	
5	64QAM	12	13	21.21	21.32	21.34	
5	64QAM	25	0	21.37	21.29	21.29	
5	256QAM	1	0	19.62	19.56	19.49	20.7
5	256QAM	1	12	19.30	19.30	19.38	
5	256QAM	1	24	19.32	19.29	19.14	
5	256QAM	12	0	19.45	19.30	19.33	20.7
5	256QAM	12	7	19.22	19.10	19.22	
5	256QAM	12	13	19.25	19.18	19.30	
5	256QAM	25	0	19.24	19.17	19.17	

<LTE Band 13_Ant 1_TX1_Index 8>

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		22.91		23
10	QPSK	1	25		22.83		
10	QPSK	1	49		22.86		
10	QPSK	25	0		22.49		23
10	QPSK	25	12		22.46		
10	QPSK	25	25		22.47		
10	QPSK	50	0		22.50		
10	16QAM	1	0		22.59		23
10	16QAM	1	25		22.65		
10	16QAM	1	49		22.70		
10	16QAM	25	0		22.41		23
10	16QAM	25	12		22.40		
10	16QAM	25	25		22.40		
10	16QAM	50	0		22.39		
10	64QAM	1	0		22.78		23
10	64QAM	1	25		22.73		
10	64QAM	1	49		22.79		
10	64QAM	25	0		21.43		22.7
10	64QAM	25	12		21.39		
10	64QAM	25	25		21.34		
10	64QAM	50	0		21.44		
10	256QAM	1	0		19.77		20.7
10	256QAM	1	25		19.43		
10	256QAM	1	49		19.35		
10	256QAM	25	0		19.39		20.7
10	256QAM	25	12		19.35		
10	256QAM	25	25		19.41		
10	256QAM	50	0		19.34		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.81	22.74	22.75	23
5	QPSK	1	12	22.71	22.63	22.68	
5	QPSK	1	24	22.76	22.69	22.75	
5	QPSK	12	0	22.48	22.46	22.32	23
5	QPSK	12	7	22.38	22.36	22.26	
5	QPSK	12	13	22.28	22.43	22.31	
5	QPSK	25	0	22.50	22.31	22.44	
5	16QAM	1	0	22.53	22.46	22.58	23
5	16QAM	1	12	22.60	22.57	22.58	
5	16QAM	1	24	22.69	22.52	22.69	
5	16QAM	12	0	22.30	22.24	22.32	23
5	16QAM	12	7	22.25	22.28	22.17	
5	16QAM	12	13	22.34	22.31	22.35	
5	16QAM	25	0	22.45	22.38	22.22	
5	64QAM	1	0	22.64	22.64	22.53	23
5	64QAM	1	12	22.71	22.60	22.56	
5	64QAM	1	24	22.77	22.65	22.80	
5	64QAM	12	0	21.38	21.33	21.38	22.7
5	64QAM	12	7	21.42	21.32	21.43	
5	64QAM	12	13	21.21	21.32	21.34	
5	64QAM	25	0	21.37	21.29	21.29	
5	256QAM	1	0	19.62	19.56	19.49	20.7
5	256QAM	1	12	19.30	19.30	19.38	
5	256QAM	1	24	19.32	19.29	19.14	
5	256QAM	12	0	19.45	19.30	19.33	20.7
5	256QAM	12	7	19.22	19.10	19.22	
5	256QAM	12	13	19.25	19.18	19.30	
5	256QAM	25	0	19.24	19.17	19.17	

<LTE Band 13_Ant 1_TX1_Index 9/10/11>

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		24.32		25.7
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.28		
10	QPSK	25	0		23.37		24.7
10	QPSK	25	12		23.35		
10	QPSK	25	25		23.35		
10	QPSK	50	0		23.42		
10	16QAM	1	0		23.48		24.7
10	16QAM	1	25		23.56		
10	16QAM	1	49		23.60		
10	16QAM	25	0		22.34		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.32		
10	16QAM	50	0		22.38		
10	64QAM	1	0		22.52		23.7
10	64QAM	1	25		22.59		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.36		22.7
10	64QAM	25	12		21.36		
10	64QAM	25	25		21.34		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.67		20.7
10	256QAM	1	25		19.38		
10	256QAM	1	49		19.45		
10	256QAM	25	0		19.46		20.7
10	256QAM	25	12		19.35		
10	256QAM	25	25		19.34		
10	256QAM	50	0		19.36		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.30	24.16	24.12	25.7
5	QPSK	1	12	24.13	24.06	24.02	
5	QPSK	1	24	24.23	24.16	24.10	
5	QPSK	12	0	23.26	23.34	23.31	24.7
5	QPSK	12	7	23.21	23.24	23.17	
5	QPSK	12	13	23.34	23.25	23.18	
5	QPSK	25	0	23.42	23.34	23.32	
5	16QAM	1	0	23.35	23.28	23.43	24.7
5	16QAM	1	12	23.44	23.50	23.40	
5	16QAM	1	24	23.60	23.54	23.43	
5	16QAM	12	0	22.27	22.22	22.27	23.7
5	16QAM	12	7	22.25	22.29	22.32	
5	16QAM	12	13	22.12	22.14	22.18	
5	16QAM	25	0	22.19	22.22	22.33	
5	64QAM	1	0	22.39	22.49	22.48	23.7
5	64QAM	1	12	22.48	22.44	22.51	
5	64QAM	1	24	22.55	22.62	22.59	
5	64QAM	12	0	21.36	21.36	21.31	22.7
5	64QAM	12	7	21.32	21.20	21.34	
5	64QAM	12	13	21.24	21.21	21.30	
5	64QAM	25	0	21.18	21.27	21.32	
5	256QAM	1	0	19.64	19.51	19.59	20.7
5	256QAM	1	12	19.30	19.28	19.30	
5	256QAM	1	24	19.29	19.26	19.31	
5	256QAM	12	0	19.43	19.30	19.43	20.7
5	256QAM	12	7	19.21	19.15	19.22	
5	256QAM	12	13	19.23	19.20	19.14	
5	256QAM	25	0	19.33	19.36	19.30	

<LTE Band 14 Ant 0 TX0 Index 2/3/4/5/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.34		25.7
10	QPSK	1	25		24.12		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.28		24.7
10	QPSK	25	12		23.28		
10	QPSK	25	25		23.25		
10	QPSK	50	0		23.28		
10	16QAM	1	0		23.61		24.7
10	16QAM	1	25		23.51		
10	16QAM	1	49		23.48		
10	16QAM	25	0		22.30		23.7
10	16QAM	25	12		22.27		
10	16QAM	25	25		22.23		
10	16QAM	50	0		22.26		
10	64QAM	1	0		22.49		23.7
10	64QAM	1	25		22.29		
10	64QAM	1	49		22.42		
10	64QAM	25	0		21.27		22.7
10	64QAM	25	12		21.27		
10	64QAM	25	25		21.24		
10	64QAM	50	0		21.26		
10	256QAM	1	0		19.32		20.7
10	256QAM	1	25		19.33		
10	256QAM	1	49		19.11		
10	256QAM	25	0		19.36		20.7
10	256QAM	25	12		19.29		
10	256QAM	25	25		19.22		
10	256QAM	50	0		19.23		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.17	24.24	24.22	25.7
5	QPSK	1	12	24.09	24.12	23.98	
5	QPSK	1	24	23.98	24.12	24.04	
5	QPSK	12	0	23.13	23.23	23.16	24.7
5	QPSK	12	7	23.19	23.28	23.12	
5	QPSK	12	13	23.17	23.14	23.21	
5	QPSK	25	0	23.08	23.19	23.09	
5	16QAM	1	0	23.48	23.41	23.56	24.7
5	16QAM	1	12	23.31	23.32	23.44	
5	16QAM	1	24	23.34	23.40	23.44	
5	16QAM	12	0	22.15	22.10	22.23	23.7
5	16QAM	12	7	22.09	22.18	22.24	
5	16QAM	12	13	22.05	22.13	22.21	
5	16QAM	25	0	22.07	22.08	22.19	
5	64QAM	1	0	22.49	22.42	22.46	23.7
5	64QAM	1	12	22.15	22.14	22.21	
5	64QAM	1	24	22.25	22.35	22.26	
5	64QAM	12	0	21.13	21.20	21.09	22.7
5	64QAM	12	7	21.09	21.08	21.27	
5	64QAM	12	13	21.24	21.08	21.17	
5	64QAM	25	0	21.13	21.22	21.09	
5	256QAM	1	0	19.28	19.27	19.26	20.7
5	256QAM	1	12	19.21	19.31	19.19	
5	256QAM	1	24	19.03	19.04	18.93	
5	256QAM	12	0	19.22	19.34	19.20	20.7
5	256QAM	12	7	19.22	19.20	19.29	
5	256QAM	12	13	19.21	19.16	19.03	
5	256QAM	25	0	19.11	19.13	19.07	

<LTE Band 14 Ant 0 TX0 Index 7/8/9/10/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.34		25.7
10	QPSK	1	25		24.12		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.28		24.7
10	QPSK	25	12		23.28		
10	QPSK	25	25		23.25		
10	QPSK	50	0		23.28		
10	16QAM	1	0		23.61		24.7
10	16QAM	1	25		23.51		
10	16QAM	1	49		23.48		
10	16QAM	25	0		22.30		23.7
10	16QAM	25	12		22.27		
10	16QAM	25	25		22.23		
10	16QAM	50	0		22.26		
10	64QAM	1	0		22.49		23.7
10	64QAM	1	25		22.29		
10	64QAM	1	49		22.42		
10	64QAM	25	0		21.27		22.7
10	64QAM	25	12		21.27		
10	64QAM	25	25		21.24		
10	64QAM	50	0		21.26		
10	256QAM	1	0		19.32		20.7
10	256QAM	1	25		19.33		
10	256QAM	1	49		19.11		
10	256QAM	25	0		19.36		20.7
10	256QAM	25	12		19.29		
10	256QAM	25	25		19.22		
10	256QAM	50	0		19.23		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.17	24.24	24.22	25.7
5	QPSK	1	12	24.09	24.12	23.98	
5	QPSK	1	24	23.98	24.12	24.04	
5	QPSK	12	0	23.13	23.23	23.16	24.7
5	QPSK	12	7	23.19	23.28	23.12	
5	QPSK	12	13	23.17	23.14	23.21	
5	QPSK	25	0	23.08	23.19	23.09	
5	16QAM	1	0	23.48	23.41	23.56	24.7
5	16QAM	1	12	23.31	23.32	23.44	
5	16QAM	1	24	23.34	23.40	23.44	
5	16QAM	12	0	22.15	22.10	22.23	23.7
5	16QAM	12	7	22.09	22.18	22.24	
5	16QAM	12	13	22.05	22.13	22.21	
5	16QAM	25	0	22.07	22.08	22.19	
5	64QAM	1	0	22.49	22.42	22.46	23.7
5	64QAM	1	12	22.15	22.14	22.21	
5	64QAM	1	24	22.25	22.35	22.26	
5	64QAM	12	0	21.13	21.20	21.09	22.7
5	64QAM	12	7	21.09	21.08	21.27	
5	64QAM	12	13	21.24	21.08	21.17	
5	64QAM	25	0	21.13	21.22	21.09	
5	256QAM	1	0	19.28	19.27	19.26	20.7
5	256QAM	1	12	19.21	19.31	19.19	
5	256QAM	1	24	19.03	19.04	18.93	
5	256QAM	12	0	19.22	19.34	19.20	20.7
5	256QAM	12	7	19.22	19.20	19.29	
5	256QAM	12	13	19.21	19.16	19.03	
5	256QAM	25	0	19.11	19.13	19.07	

<LTE Band 14 Ant 1 TX1 Index 2/3/4/5/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.40		25.7
10	QPSK	1	25		24.24		
10	QPSK	1	49		24.26		
10	QPSK	25	0		23.36		24.7
10	QPSK	25	12		23.33		
10	QPSK	25	25		23.32		
10	QPSK	50	0		23.36		
10	16QAM	1	0		23.66		24.7
10	16QAM	1	25		23.50		
10	16QAM	1	49		23.57		
10	16QAM	25	0		22.38		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.34		
10	16QAM	50	0		22.34		
10	64QAM	1	0		22.69		23.7
10	64QAM	1	25		22.53		
10	64QAM	1	49		22.55		
10	64QAM	25	0		21.36		22.7
10	64QAM	25	12		21.35		
10	64QAM	25	25		21.33		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.63		20.7
10	256QAM	1	25		19.37		
10	256QAM	1	49		19.44		
10	256QAM	25	0		19.45		20.7
10	256QAM	25	12		19.32		
10	256QAM	25	25		19.36		
10	256QAM	50	0		19.38		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.33	24.31	24.22	25.7
5	QPSK	1	12	24.18	24.10	24.04	
5	QPSK	1	24	24.21	24.17	24.19	
5	QPSK	12	0	23.28	23.34	23.35	24.7
5	QPSK	12	7	23.27	23.16	23.15	
5	QPSK	12	13	23.20	23.25	23.15	
5	QPSK	25	0	23.21	23.19	23.33	
5	16QAM	1	0	23.54	23.62	23.62	24.7
5	16QAM	1	12	23.36	23.33	23.43	
5	16QAM	1	24	23.53	23.43	23.51	
5	16QAM	12	0	22.36	22.37	22.21	23.7
5	16QAM	12	7	22.21	22.20	22.19	
5	16QAM	12	13	22.25	22.19	22.16	
5	16QAM	25	0	22.31	22.17	22.20	
5	64QAM	1	0	22.67	22.57	22.50	23.7
5	64QAM	1	12	22.39	22.53	22.38	
5	64QAM	1	24	22.38	22.52	22.48	
5	64QAM	12	0	21.35	21.27	21.18	22.7
5	64QAM	12	7	21.33	21.29	21.26	
5	64QAM	12	13	21.25	21.16	21.30	
5	64QAM	25	0	21.18	21.29	21.25	
5	256QAM	1	0	19.44	19.53	19.49	20.7
5	256QAM	1	12	19.23	19.33	19.35	
5	256QAM	1	24	19.36	19.34	19.39	
5	256QAM	12	0	19.40	19.44	19.26	20.7
5	256QAM	12	7	19.20	19.14	19.16	
5	256QAM	12	13	19.29	19.33	19.16	
5	256QAM	25	0	19.18	19.36	19.28	

<LTE Band 14 Ant 1 TX1 Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.44		24.3
10	QPSK	1	25		23.28		
10	QPSK	1	49		23.33		
10	QPSK	25	0		23.37		24.3
10	QPSK	25	12		23.34		
10	QPSK	25	25		23.31		
10	QPSK	50	0		23.37		
10	16QAM	1	0		23.23		24.3
10	16QAM	1	25		23.11		
10	16QAM	1	49		23.11		
10	16QAM	25	0		22.47		23.7
10	16QAM	25	12		22.47		
10	16QAM	25	25		22.44		
10	16QAM	50	0		22.45		
10	64QAM	1	0		22.71		23.7
10	64QAM	1	25		22.63		
10	64QAM	1	49		22.72		
10	64QAM	25	0		21.47		22.7
10	64QAM	25	12		21.45		
10	64QAM	25	25		21.44		
10	64QAM	50	0		21.47		
10	256QAM	1	0		19.58		20.7
10	256QAM	1	25		19.37		
10	256QAM	1	49		19.46		
10	256QAM	25	0		19.42		20.7
10	256QAM	25	12		19.38		
10	256QAM	25	25		19.28		
10	256QAM	50	0		19.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.26	23.28	23.41	24.3
5	QPSK	1	12	23.28	23.28	23.13	
5	QPSK	1	24	23.29	23.26	23.21	
5	QPSK	12	0	23.37	23.31	23.17	24.3
5	QPSK	12	7	23.26	23.15	23.26	
5	QPSK	12	13	23.18	23.28	23.19	
5	QPSK	25	0	23.29	23.33	23.19	
5	16QAM	1	0	23.07	23.12	23.23	24.3
5	16QAM	1	12	22.97	22.91	22.95	
5	16QAM	1	24	22.93	22.93	22.95	
5	16QAM	12	0	22.39	22.44	22.39	23.7
5	16QAM	12	7	22.34	22.41	22.40	
5	16QAM	12	13	22.27	22.34	22.40	
5	16QAM	25	0	22.27	22.40	22.45	
5	64QAM	1	0	22.57	22.64	22.64	23.7
5	64QAM	1	12	22.58	22.48	22.52	
5	64QAM	1	24	22.63	22.58	22.62	
5	64QAM	12	0	21.34	21.28	21.29	22.7
5	64QAM	12	7	21.37	21.35	21.40	
5	64QAM	12	13	21.36	21.31	21.24	
5	64QAM	25	0	21.46	21.38	21.35	
5	256QAM	1	0	19.51	19.53	19.58	20.7
5	256QAM	1	12	19.22	19.23	19.33	
5	256QAM	1	24	19.31	19.27	19.29	
5	256QAM	12	0	19.27	19.38	19.38	20.7
5	256QAM	12	7	19.23	19.20	19.33	
5	256QAM	12	13	19.08	19.19	19.10	
5	256QAM	25	0	19.36	19.22	19.34	

<LTE Band 14 Ant 1 TX1 Index 8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.44		23.5
10	QPSK	1	25		23.28		
10	QPSK	1	49		23.33		
10	QPSK	25	0		23.37		23.5
10	QPSK	25	12		23.34		
10	QPSK	25	25		23.31		
10	QPSK	50	0		23.37		
10	16QAM	1	0		23.23		23.5
10	16QAM	1	25		23.11		
10	16QAM	1	49		23.11		
10	16QAM	25	0		22.47		23.5
10	16QAM	25	12		22.47		
10	16QAM	25	25		22.44		
10	16QAM	50	0		22.45		
10	64QAM	1	0		22.71		23.5
10	64QAM	1	25		22.63		
10	64QAM	1	49		22.72		
10	64QAM	25	0		21.47		22.7
10	64QAM	25	12		21.45		
10	64QAM	25	25		21.44		
10	64QAM	50	0		21.47		
10	256QAM	1	0		19.58		20.7
10	256QAM	1	25		19.37		
10	256QAM	1	49		19.46		
10	256QAM	25	0		19.42		20.7
10	256QAM	25	12		19.38		
10	256QAM	25	25		19.28		
10	256QAM	50	0		19.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.26	23.28	23.41	23.5
5	QPSK	1	12	23.28	23.28	23.13	
5	QPSK	1	24	23.29	23.26	23.21	
5	QPSK	12	0	23.37	23.31	23.17	23.5
5	QPSK	12	7	23.26	23.15	23.26	
5	QPSK	12	13	23.18	23.28	23.19	
5	QPSK	25	0	23.29	23.33	23.19	
5	16QAM	1	0	23.07	23.12	23.23	23.5
5	16QAM	1	12	22.97	22.91	22.95	
5	16QAM	1	24	22.93	22.93	22.95	
5	16QAM	12	0	22.39	22.44	22.39	23.5
5	16QAM	12	7	22.34	22.41	22.40	
5	16QAM	12	13	22.27	22.34	22.40	
5	16QAM	25	0	22.27	22.40	22.45	
5	64QAM	1	0	22.57	22.64	22.64	23.5
5	64QAM	1	12	22.58	22.48	22.52	
5	64QAM	1	24	22.63	22.58	22.62	
5	64QAM	12	0	21.34	21.28	21.29	22.7
5	64QAM	12	7	21.37	21.35	21.40	
5	64QAM	12	13	21.36	21.31	21.24	
5	64QAM	25	0	21.46	21.38	21.35	
5	256QAM	1	0	19.51	19.53	19.58	20.7
5	256QAM	1	12	19.22	19.23	19.33	
5	256QAM	1	24	19.31	19.27	19.29	
5	256QAM	12	0	19.27	19.38	19.38	20.7
5	256QAM	12	7	19.23	19.20	19.33	
5	256QAM	12	13	19.08	19.19	19.10	
5	256QAM	25	0	19.36	19.22	19.34	

<LTE Band 14 Ant 1 TX1 Index 9/10/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.40		25.7
10	QPSK	1	25		24.24		
10	QPSK	1	49		24.26		
10	QPSK	25	0		23.36		24.7
10	QPSK	25	12		23.33		
10	QPSK	25	25		23.32		
10	QPSK	50	0		23.36		
10	16QAM	1	0		23.66		24.7
10	16QAM	1	25		23.50		
10	16QAM	1	49		23.57		
10	16QAM	25	0		22.38		23.7
10	16QAM	25	12		22.34		
10	16QAM	25	25		22.34		
10	16QAM	50	0		22.34		
10	64QAM	1	0		22.69		23.7
10	64QAM	1	25		22.53		
10	64QAM	1	49		22.55		
10	64QAM	25	0		21.36		22.7
10	64QAM	25	12		21.35		
10	64QAM	25	25		21.33		
10	64QAM	50	0		21.36		
10	256QAM	1	0		19.63		20.7
10	256QAM	1	25		19.37		
10	256QAM	1	49		19.44		
10	256QAM	25	0		19.45		20.7
10	256QAM	25	12		19.32		
10	256QAM	25	25		19.36		
10	256QAM	50	0		19.38		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.33	24.31	24.22	25.7
5	QPSK	1	12	24.18	24.10	24.04	
5	QPSK	1	24	24.21	24.17	24.19	
5	QPSK	12	0	23.28	23.34	23.35	24.7
5	QPSK	12	7	23.27	23.16	23.15	
5	QPSK	12	13	23.20	23.25	23.15	
5	QPSK	25	0	23.21	23.19	23.33	
5	16QAM	1	0	23.54	23.62	23.62	24.7
5	16QAM	1	12	23.36	23.33	23.43	
5	16QAM	1	24	23.53	23.43	23.51	
5	16QAM	12	0	22.36	22.37	22.21	23.7
5	16QAM	12	7	22.21	22.20	22.19	
5	16QAM	12	13	22.25	22.19	22.16	
5	16QAM	25	0	22.31	22.17	22.20	
5	64QAM	1	0	22.67	22.57	22.50	23.7
5	64QAM	1	12	22.39	22.53	22.38	
5	64QAM	1	24	22.38	22.52	22.48	
5	64QAM	12	0	21.35	21.27	21.18	22.7
5	64QAM	12	7	21.33	21.29	21.26	
5	64QAM	12	13	21.25	21.16	21.30	
5	64QAM	25	0	21.18	21.29	21.25	
5	256QAM	1	0	19.44	19.53	19.49	20.7
5	256QAM	1	12	19.23	19.33	19.35	
5	256QAM	1	24	19.36	19.34	19.39	
5	256QAM	12	0	19.40	19.44	19.26	20.7
5	256QAM	12	7	19.20	19.14	19.16	
5	256QAM	12	13	19.29	19.33	19.16	
5	256QAM	25	0	19.18	19.36	19.28	

<LTE Band 17_Ant 0_TX0_Index 2/3/4/5/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.49	24.48	24.52	25.7
10	QPSK	1	25	24.35	24.29	24.34	
10	QPSK	1	49	24.45	24.42	24.42	
10	QPSK	25	0	23.49	23.49	23.50	24.7
10	QPSK	25	12	23.49	23.47	23.45	
10	QPSK	25	25	23.46	23.47	23.47	
10	QPSK	50	0	23.48	23.48	23.49	
10	16QAM	1	0	23.72	23.71	23.73	24.7
10	16QAM	1	25	23.73	23.81	23.78	
10	16QAM	1	49	23.68	23.70	23.64	
10	16QAM	25	0	22.48	22.49	22.50	23.7
10	16QAM	25	12	22.49	22.50	22.49	
10	16QAM	25	25	22.50	22.52	22.50	
10	16QAM	50	0	22.46	22.47	22.47	
10	64QAM	1	0	22.63	22.66	22.58	23.7
10	64QAM	1	25	22.54	22.67	22.50	
10	64QAM	1	49	22.63	22.62	22.51	
10	64QAM	25	0	21.50	21.49	21.51	22.7
10	64QAM	25	12	21.52	21.51	21.51	
10	64QAM	25	25	21.53	21.48	21.51	
10	64QAM	50	0	21.50	21.48	21.49	
10	256QAM	1	0	19.73	19.82	19.73	20.7
10	256QAM	1	25	19.41	19.51	19.41	
10	256QAM	1	49	19.50	19.62	19.53	
10	256QAM	25	0	19.38	19.55	19.44	20.7
10	256QAM	25	12	19.29	19.41	19.25	
10	256QAM	25	25	19.30	19.40	19.22	
10	256QAM	50	0	19.38	19.48	19.34	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.42	24.30	24.43	25.7
5	QPSK	1	12	24.17	24.09	24.24	
5	QPSK	1	24	24.25	24.32	24.34	
5	QPSK	12	0	23.37	23.45	23.38	24.7
5	QPSK	12	7	23.34	23.43	23.38	
5	QPSK	12	13	23.26	23.28	23.45	
5	QPSK	25	0	23.37	23.48	23.40	
5	16QAM	1	0	23.69	23.71	23.71	24.7
5	16QAM	1	12	23.72	23.66	23.73	
5	16QAM	1	24	23.54	23.56	23.58	
5	16QAM	12	0	22.38	22.31	22.39	23.7
5	16QAM	12	7	22.32	22.34	22.32	
5	16QAM	12	13	22.43	22.34	22.33	
5	16QAM	25	0	22.29	22.35	22.33	
5	64QAM	1	0	22.62	22.59	22.44	23.7
5	64QAM	1	12	22.37	22.51	22.41	
5	64QAM	1	24	22.55	22.62	22.49	
5	64QAM	12	0	21.38	21.32	21.31	22.7
5	64QAM	12	7	21.39	21.39	21.42	
5	64QAM	12	13	21.39	21.31	21.48	
5	64QAM	25	0	21.32	21.44	21.36	
5	256QAM	1	0	19.71	19.68	19.61	20.7
5	256QAM	1	12	19.28	19.32	19.25	
5	256QAM	1	24	19.34	19.47	19.50	
5	256QAM	12	0	19.31	19.41	19.39	20.7
5	256QAM	12	7	19.14	19.41	19.23	
5	256QAM	12	13	19.25	19.30	19.13	
5	256QAM	25	0	19.38	19.47	19.19	

<LTE Band 17_Ant 0_TX0_Index 7/8/9/10/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.49	24.48	24.52	25.7
10	QPSK	1	25	24.35	24.29	24.34	
10	QPSK	1	49	24.45	24.42	24.42	
10	QPSK	25	0	23.49	23.49	23.50	24.7
10	QPSK	25	12	23.49	23.47	23.45	
10	QPSK	25	25	23.46	23.47	23.47	
10	QPSK	50	0	23.48	23.48	23.49	
10	16QAM	1	0	23.72	23.71	23.73	24.7
10	16QAM	1	25	23.73	23.81	23.78	
10	16QAM	1	49	23.68	23.70	23.64	
10	16QAM	25	0	22.48	22.49	22.50	23.7
10	16QAM	25	12	22.49	22.50	22.49	
10	16QAM	25	25	22.50	22.52	22.50	
10	16QAM	50	0	22.46	22.47	22.47	
10	64QAM	1	0	22.63	22.66	22.58	23.7
10	64QAM	1	25	22.54	22.67	22.50	
10	64QAM	1	49	22.63	22.62	22.51	
10	64QAM	25	0	21.50	21.49	21.51	22.7
10	64QAM	25	12	21.52	21.51	21.51	
10	64QAM	25	25	21.53	21.48	21.51	
10	64QAM	50	0	21.50	21.48	21.49	
10	256QAM	1	0	19.73	19.82	19.73	20.7
10	256QAM	1	25	19.41	19.51	19.41	
10	256QAM	1	49	19.50	19.62	19.53	
10	256QAM	25	0	19.38	19.55	19.44	20.7
10	256QAM	25	12	19.29	19.41	19.25	
10	256QAM	25	25	19.30	19.40	19.22	
10	256QAM	50	0	19.38	19.48	19.34	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.42	24.30	24.43	25.7
5	QPSK	1	12	24.17	24.09	24.24	
5	QPSK	1	24	24.25	24.32	24.34	
5	QPSK	12	0	23.37	23.45	23.38	24.7
5	QPSK	12	7	23.34	23.43	23.38	
5	QPSK	12	13	23.26	23.28	23.45	
5	QPSK	25	0	23.37	23.48	23.40	
5	16QAM	1	0	23.69	23.71	23.71	24.7
5	16QAM	1	12	23.72	23.66	23.73	
5	16QAM	1	24	23.54	23.56	23.58	
5	16QAM	12	0	22.38	22.31	22.39	23.7
5	16QAM	12	7	22.32	22.34	22.32	
5	16QAM	12	13	22.43	22.34	22.33	
5	16QAM	25	0	22.29	22.35	22.33	
5	64QAM	1	0	22.62	22.59	22.44	23.7
5	64QAM	1	12	22.37	22.51	22.41	
5	64QAM	1	24	22.55	22.62	22.49	
5	64QAM	12	0	21.38	21.32	21.31	22.7
5	64QAM	12	7	21.39	21.39	21.42	
5	64QAM	12	13	21.39	21.31	21.48	
5	64QAM	25	0	21.32	21.44	21.36	
5	256QAM	1	0	19.71	19.68	19.61	20.7
5	256QAM	1	12	19.28	19.32	19.25	
5	256QAM	1	24	19.34	19.47	19.50	
5	256QAM	12	0	19.31	19.41	19.39	20.7
5	256QAM	12	7	19.14	19.41	19.23	
5	256QAM	12	13	19.25	19.30	19.13	
5	256QAM	25	0	19.38	19.47	19.19	

<LTE Band 17_Ant 1_TX1_Index 2/3/4/5/6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.37	24.32	24.36	25.7
10	QPSK	1	25	24.27	24.26	24.22	
10	QPSK	1	49	24.32	24.30	24.30	
10	QPSK	25	0	23.37	23.34	23.32	24.7
10	QPSK	25	12	23.35	23.33	23.31	
10	QPSK	25	25	23.35	23.33	23.36	
10	QPSK	50	0	23.37	23.36	23.36	
10	16QAM	1	0	23.56	23.54	23.58	24.7
10	16QAM	1	25	23.68	23.69	23.69	
10	16QAM	1	49	23.64	23.62	23.53	
10	16QAM	25	0	22.35	22.35	22.36	23.7
10	16QAM	25	12	22.38	22.34	22.36	
10	16QAM	25	25	22.40	22.37	22.34	
10	16QAM	50	0	22.32	22.33	22.31	
10	64QAM	1	0	22.44	22.44	22.43	23.7
10	64QAM	1	25	22.54	22.57	22.47	
10	64QAM	1	49	22.63	22.51	22.41	
10	64QAM	25	0	21.33	21.34	21.31	22.7
10	64QAM	25	12	21.36	21.34	21.34	
10	64QAM	25	25	21.37	21.38	21.33	
10	64QAM	50	0	21.37	21.36	21.36	
10	256QAM	1	0	19.71	19.66	19.54	20.7
10	256QAM	1	25	19.37	19.41	19.29	
10	256QAM	1	49	19.36	19.39	19.18	
10	256QAM	25	0	19.48	19.43	19.26	20.7
10	256QAM	25	12	19.32	19.34	19.15	
10	256QAM	25	25	19.35	19.36	19.15	
10	256QAM	50	0	19.41	19.36	19.22	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.25	24.12	24.26	25.7
5	QPSK	1	12	24.22	24.16	24.03	
5	QPSK	1	24	24.16	24.10	24.29	
5	QPSK	12	0	23.28	23.28	23.26	24.7
5	QPSK	12	7	23.35	23.29	23.22	
5	QPSK	12	13	23.23	23.30	23.22	
5	QPSK	25	0	23.27	23.26	23.20	
5	16QAM	1	0	23.44	23.34	23.38	24.7
5	16QAM	1	12	23.48	23.67	23.56	
5	16QAM	1	24	23.59	23.55	23.51	
5	16QAM	12	0	22.17	22.33	22.29	23.7
5	16QAM	12	7	22.37	22.28	22.36	
5	16QAM	12	13	22.39	22.25	22.30	
5	16QAM	25	0	22.16	22.20	22.29	
5	64QAM	1	0	22.32	22.41	22.30	23.7
5	64QAM	1	12	22.54	22.49	22.31	
5	64QAM	1	24	22.51	22.33	22.34	
5	64QAM	12	0	21.29	21.21	21.18	22.7
5	64QAM	12	7	21.31	21.20	21.24	
5	64QAM	12	13	21.37	21.33	21.26	
5	64QAM	25	0	21.18	21.32	21.19	
5	256QAM	1	0	19.68	19.49	19.49	20.7
5	256QAM	1	12	19.26	19.33	19.23	
5	256QAM	1	24	19.35	19.30	19.14	
5	256QAM	12	0	19.40	19.37	19.09	20.7
5	256QAM	12	7	19.17	19.26	18.97	
5	256QAM	12	13	19.16	19.24	18.95	
5	256QAM	25	0	19.40	19.27	19.10	

<LTE Band 17_Ant 1_TX1_Index 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.77	23.72	23.76	25.5
10	QPSK	1	25	23.67	23.66	23.62	
10	QPSK	1	49	23.72	23.70	23.70	
10	QPSK	25	0	23.36	23.32	23.32	24.7
10	QPSK	25	12	23.26	23.31	23.28	
10	QPSK	25	25	23.28	23.26	23.27	
10	QPSK	50	0	23.27	23.31	23.28	
10	16QAM	1	0	23.50	23.50	23.57	24.7
10	16QAM	1	25	23.66	23.66	23.59	
10	16QAM	1	49	23.54	23.54	23.45	
10	16QAM	25	0	22.34	22.33	22.32	23.7
10	16QAM	25	12	22.37	22.32	22.34	
10	16QAM	25	25	22.36	22.32	22.25	
10	16QAM	50	0	22.22	22.32	22.23	
10	64QAM	1	0	22.39	22.41	22.43	23.7
10	64QAM	1	25	22.53	22.54	22.40	
10	64QAM	1	49	22.56	22.50	22.35	
10	64QAM	25	0	21.26	21.26	21.24	22.7
10	64QAM	25	12	21.28	21.34	21.33	
10	64QAM	25	25	21.35	21.33	21.31	
10	64QAM	50	0	21.32	21.30	21.27	
10	256QAM	1	0	19.61	19.66	19.52	20.7
10	256QAM	1	25	19.30	19.41	19.24	
10	256QAM	1	49	19.35	19.37	19.09	
10	256QAM	25	0	19.42	19.33	19.19	20.7
10	256QAM	25	12	19.26	19.34	19.12	
10	256QAM	25	25	19.33	19.28	19.05	
10	256QAM	50	0	19.33	19.29	19.12	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.65	23.52	23.66	25.5
5	QPSK	1	12	23.62	23.56	23.53	
5	QPSK	1	24	23.56	23.50	23.69	
5	QPSK	12	0	23.27	23.21	23.25	24.7
5	QPSK	12	7	23.26	23.27	23.12	
5	QPSK	12	13	23.13	23.27	23.16	
5	QPSK	25	0	23.24	23.16	23.17	
5	16QAM	1	0	23.37	23.29	23.36	24.7
5	16QAM	1	12	23.48	23.58	23.55	
5	16QAM	1	24	23.56	23.52	23.48	
5	16QAM	12	0	22.13	22.27	22.29	23.7
5	16QAM	12	7	22.28	22.19	22.27	
5	16QAM	12	13	22.34	22.17	22.26	
5	16QAM	25	0	22.14	22.18	22.27	
5	64QAM	1	0	22.26	22.40	22.21	23.7
5	64QAM	1	12	22.52	22.46	22.21	
5	64QAM	1	24	22.41	22.28	22.29	
5	64QAM	12	0	21.19	21.13	21.15	22.7
5	64QAM	12	7	21.23	21.19	21.17	
5	64QAM	12	13	21.30	21.25	21.26	
5	64QAM	25	0	21.11	21.29	21.12	
5	256QAM	1	0	19.68	19.46	19.49	20.7
5	256QAM	1	12	19.19	19.25	19.22	
5	256QAM	1	24	19.35	19.22	19.04	
5	256QAM	12	0	19.34	19.34	19.07	20.7
5	256QAM	12	7	19.07	19.19	18.90	
5	256QAM	12	13	19.12	19.19	18.88	
5	256QAM	25	0	19.37	19.22	19.03	

<LTE Band 17_Ant 1_TX1_Index 8>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.77	23.72	23.76	24.7
10	QPSK	1	25	23.67	23.66	23.62	
10	QPSK	1	49	23.72	23.70	23.70	
10	QPSK	25	0	23.36	23.32	23.32	24.7
10	QPSK	25	12	23.26	23.31	23.28	
10	QPSK	25	25	23.28	23.26	23.27	
10	QPSK	50	0	23.27	23.31	23.28	
10	16QAM	1	0	23.50	23.50	23.57	24.7
10	16QAM	1	25	23.66	23.66	23.59	
10	16QAM	1	49	23.54	23.54	23.45	
10	16QAM	25	0	22.34	22.33	22.32	23.7
10	16QAM	25	12	22.37	22.32	22.34	
10	16QAM	25	25	22.36	22.32	22.25	
10	16QAM	50	0	22.22	22.32	22.23	
10	64QAM	1	0	22.39	22.41	22.43	23.7
10	64QAM	1	25	22.53	22.54	22.40	
10	64QAM	1	49	22.56	22.50	22.35	
10	64QAM	25	0	21.26	21.26	21.24	22.7
10	64QAM	25	12	21.28	21.34	21.33	
10	64QAM	25	25	21.35	21.33	21.31	
10	64QAM	50	0	21.32	21.30	21.27	
10	256QAM	1	0	19.61	19.66	19.52	20.7
10	256QAM	1	25	19.30	19.41	19.24	
10	256QAM	1	49	19.35	19.37	19.09	
10	256QAM	25	0	19.42	19.33	19.19	20.7
10	256QAM	25	12	19.26	19.34	19.12	
10	256QAM	25	25	19.33	19.28	19.05	
10	256QAM	50	0	19.33	19.29	19.12	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.65	23.52	23.66	24.7
5	QPSK	1	12	23.62	23.56	23.43	
5	QPSK	1	24	23.56	23.50	23.69	
5	QPSK	12	0	23.27	23.21	23.25	24.7
5	QPSK	12	7	23.26	23.27	23.12	
5	QPSK	12	13	23.13	23.27	23.16	
5	QPSK	25	0	23.24	23.16	23.17	
5	16QAM	1	0	23.37	23.29	23.36	24.7
5	16QAM	1	12	23.48	23.58	23.55	
5	16QAM	1	24	23.56	23.52	23.48	
5	16QAM	12	0	22.13	22.27	22.29	23.7
5	16QAM	12	7	22.28	22.19	22.27	
5	16QAM	12	13	22.34	22.17	22.26	
5	16QAM	25	0	22.14	22.18	22.27	
5	64QAM	1	0	22.26	22.40	22.21	23.7
5	64QAM	1	12	22.52	22.46	22.21	
5	64QAM	1	24	22.41	22.28	22.29	
5	64QAM	12	0	21.19	21.13	21.15	22.7
5	64QAM	12	7	21.23	21.19	21.17	
5	64QAM	12	13	21.30	21.25	21.26	
5	64QAM	25	0	21.11	21.29	21.12	
5	256QAM	1	0	19.68	19.46	19.49	20.7
5	256QAM	1	12	19.19	19.25	19.22	
5	256QAM	1	24	19.35	19.22	19.04	
5	256QAM	12	0	19.34	19.34	19.07	20.7
5	256QAM	12	7	19.07	19.19	18.90	
5	256QAM	12	13	19.12	19.19	18.88	
5	256QAM	25	0	19.37	19.22	19.03	

<LTE Band 17_Ant 1_TX1_Index 9/10/11>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.37	24.32	24.36	25.7
10	QPSK	1	25	24.27	24.26	24.22	
10	QPSK	1	49	24.32	24.30	24.30	
10	QPSK	25	0	23.37	23.34	23.32	24.7
10	QPSK	25	12	23.35	23.33	23.31	
10	QPSK	25	25	23.35	23.33	23.36	
10	QPSK	50	0	23.37	23.36	23.36	
10	16QAM	1	0	23.56	23.54	23.58	24.7
10	16QAM	1	25	23.68	23.69	23.69	
10	16QAM	1	49	23.64	23.62	23.53	
10	16QAM	25	0	22.35	22.35	22.36	23.7
10	16QAM	25	12	22.38	22.34	22.36	
10	16QAM	25	25	22.40	22.37	22.34	
10	16QAM	50	0	22.32	22.33	22.31	
10	64QAM	1	0	22.44	22.44	22.43	23.7
10	64QAM	1	25	22.54	22.57	22.47	
10	64QAM	1	49	22.63	22.51	22.41	
10	64QAM	25	0	21.33	21.34	21.31	22.7
10	64QAM	25	12	21.36	21.34	21.34	
10	64QAM	25	25	21.37	21.38	21.33	
10	64QAM	50	0	21.37	21.36	21.36	
10	256QAM	1	0	19.71	19.66	19.54	20.7
10	256QAM	1	25	19.37	19.41	19.29	
10	256QAM	1	49	19.36	19.39	19.18	
10	256QAM	25	0	19.48	19.43	19.26	20.7
10	256QAM	25	12	19.32	19.34	19.15	
10	256QAM	25	25	19.35	19.36	19.15	
10	256QAM	50	0	19.41	19.36	19.22	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.25	24.12	24.26	25.7
5	QPSK	1	12	24.22	24.16	24.03	
5	QPSK	1	24	24.16	24.10	24.29	
5	QPSK	12	0	23.28	23.28	23.26	24.7
5	QPSK	12	7	23.35	23.29	23.22	
5	QPSK	12	13	23.23	23.30	23.22	
5	QPSK	25	0	23.27	23.26	23.20	
5	16QAM	1	0	23.44	23.34	23.38	24.7
5	16QAM	1	12	23.48	23.67	23.56	
5	16QAM	1	24	23.59	23.55	23.51	
5	16QAM	12	0	22.17	22.33	22.29	23.7
5	16QAM	12	7	22.37	22.28	22.36	
5	16QAM	12	13	22.39	22.25	22.30	
5	16QAM	25	0	22.16	22.20	22.29	
5	64QAM	1	0	22.32	22.41	22.30	23.7
5	64QAM	1	12	22.54	22.49	22.31	
5	64QAM	1	24	22.51	22.33	22.34	
5	64QAM	12	0	21.29	21.21	21.18	22.7
5	64QAM	12	7	21.31	21.20	21.24	
5	64QAM	12	13	21.37	21.33	21.26	
5	64QAM	25	0	21.18	21.32	21.19	
5	256QAM	1	0	19.68	19.49	19.49	20.7
5	256QAM	1	12	19.26	19.33	19.23	
5	256QAM	1	24	19.35	19.30	19.14	
5	256QAM	12	0	19.40	19.37	19.09	20.7
5	256QAM	12	7	19.17	19.26	18.97	
5	256QAM	12	13	19.16	19.24	18.95	
5	256QAM	25	0	19.40	19.27	19.10	

<LTE Band 25_Ant 2_TX0_Index 2/3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.40	24.72	24.50	25.7
20	QPSK	1	49	24.27	24.45	24.44	
20	QPSK	1	99	24.23	24.13	24.40	
20	QPSK	50	0	23.50	23.69	23.52	24.7
20	QPSK	50	24	23.47	23.57	23.48	
20	QPSK	50	50	23.44	23.42	23.49	
20	QPSK	100	0	23.45	23.53	23.50	
20	16QAM	1	0	23.62	24.00	23.69	24.7
20	16QAM	1	49	23.65	23.77	23.73	
20	16QAM	1	99	23.64	23.49	23.85	
20	16QAM	50	0	22.46	22.67	22.41	23.7
20	16QAM	50	24	22.52	22.53	22.51	
20	16QAM	50	50	22.50	22.37	22.63	
20	16QAM	100	0	22.47	22.53	22.51	
20	64QAM	1	0	22.72	22.90	22.76	23.7
20	64QAM	1	49	22.73	22.61	22.83	
20	64QAM	1	99	22.70	22.40	22.93	
20	64QAM	50	0	21.57	21.71	21.50	22.7
20	64QAM	50	24	21.57	21.57	21.56	
20	64QAM	50	50	21.55	21.42	21.65	
20	64QAM	100	0	21.51	21.53	21.56	
20	256QAM	1	0	19.12	19.68	19.25	20.7
20	256QAM	1	49	18.82	19.48	19.04	
20	256QAM	1	99	18.75	19.38	18.87	
20	256QAM	50	0	18.80	19.42	18.93	20.7
20	256QAM	50	24	18.75	19.31	18.85	
20	256QAM	50	50	18.75	19.35	18.92	
20	256QAM	100	0	18.78	19.37	18.92	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.36	24.57	24.44	25.7
15	QPSK	1	37	24.21	24.37	24.39	
15	QPSK	1	74	24.07	23.93	24.20	
15	QPSK	36	0	23.36	23.66	23.49	24.7
15	QPSK	36	20	23.29	23.40	23.42	
15	QPSK	36	39	23.24	23.27	23.45	
15	QPSK	75	0	23.44	23.41	23.46	
15	16QAM	1	0	23.60	23.80	23.61	24.7
15	16QAM	1	37	23.46	23.57	23.72	
15	16QAM	1	74	23.47	23.43	23.75	
15	16QAM	36	0	22.35	22.61	22.27	23.7
15	16QAM	36	20	22.33	22.50	22.38	
15	16QAM	36	39	22.31	22.32	22.55	
15	16QAM	75	0	22.47	22.47	22.43	
15	64QAM	1	0	22.65	22.81	22.67	23.7
15	64QAM	1	37	22.67	22.45	22.66	
15	64QAM	1	74	22.69	22.26	22.85	
15	64QAM	36	0	21.55	21.61	21.38	22.7
15	64QAM	36	20	21.54	21.55	21.46	
15	64QAM	36	39	21.45	21.24	21.64	
15	64QAM	75	0	21.35	21.44	21.49	
15	256QAM	1	0	19.08	19.48	19.08	20.7
15	256QAM	1	37	18.72	19.31	18.87	
15	256QAM	1	74	18.71	19.26	18.81	
15	256QAM	36	0	18.72	19.37	18.84	20.7
15	256QAM	36	20	18.72	19.18	18.82	
15	256QAM	36	39	18.73	19.15	18.75	

15	256QAM	75	0	18.70	19.24	18.74	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.27	24.56	24.50	25.7
10	QPSK	1	25	24.23	24.27	24.32	
10	QPSK	1	49	24.20	23.96	24.39	
10	QPSK	25	0	23.42	23.50	23.36	24.7
10	QPSK	25	12	23.42	23.55	23.46	
10	QPSK	25	25	23.36	23.39	23.29	
10	QPSK	50	0	23.38	23.41	23.44	
10	16QAM	1	0	23.50	23.90	23.66	24.7
10	16QAM	1	25	23.48	23.67	23.57	
10	16QAM	1	49	23.49	23.32	23.73	
10	16QAM	25	0	22.37	22.58	22.25	23.7
10	16QAM	25	12	22.34	22.33	22.47	
10	16QAM	25	25	22.31	22.30	22.45	
10	16QAM	50	0	22.29	22.48	22.43	
10	64QAM	1	0	22.63	22.77	22.68	23.7
10	64QAM	1	25	22.61	22.57	22.69	
10	64QAM	1	49	22.61	22.29	22.82	
10	64QAM	25	0	21.53	21.59	21.30	22.7
10	64QAM	25	12	21.45	21.50	21.41	
10	64QAM	25	25	21.39	21.30	21.55	
10	64QAM	50	0	21.34	21.43	21.43	
10	256QAM	1	0	19.02	19.57	19.25	20.7
10	256QAM	1	25	18.72	19.34	18.91	
10	256QAM	1	49	18.72	19.23	18.76	
10	256QAM	25	0	18.78	19.32	18.84	20.7
10	256QAM	25	12	18.78	19.30	18.84	
10	256QAM	25	25	18.79	19.19	18.84	
10	256QAM	50	0	18.70	19.37	18.85	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.20	24.71	24.32	25.7
5	QPSK	1	12	24.16	24.44	24.35	
5	QPSK	1	24	24.20	24.08	24.35	
5	QPSK	12	0	23.38	23.55	23.52	24.7
5	QPSK	12	7	23.40	23.51	23.39	
5	QPSK	12	13	23.27	23.42	23.48	
5	QPSK	25	0	23.42	23.35	23.42	
5	16QAM	1	0	23.43	23.82	23.58	24.7
5	16QAM	1	12	23.61	23.73	23.61	
5	16QAM	1	24	23.64	23.33	23.82	
5	16QAM	12	0	22.39	22.58	22.32	23.7
5	16QAM	12	7	22.37	22.41	22.51	
5	16QAM	12	13	22.40	22.20	22.43	
5	16QAM	25	0	22.46	22.47	22.50	
5	64QAM	1	0	22.54	22.87	22.58	23.7
5	64QAM	1	12	22.62	22.56	22.77	
5	64QAM	1	24	22.68	22.26	22.92	
5	64QAM	12	0	21.37	21.71	21.35	22.7
5	64QAM	12	7	21.40	21.41	21.39	
5	64QAM	12	13	21.45	21.42	21.46	
5	64QAM	25	0	21.36	21.40	21.52	
5	256QAM	1	0	18.95	19.52	19.24	20.7
5	256QAM	1	12	18.73	19.31	19.02	
5	256QAM	1	24	18.71	19.18	18.81	
5	256QAM	12	0	18.70	19.32	18.76	20.7
5	256QAM	12	7	18.72	19.22	18.74	
5	256QAM	12	13	18.78	19.15	18.79	
5	256QAM	25	0	18.73	19.27	18.89	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.22	24.56	24.39	25.7
3	QPSK	1	8	24.20	24.38	24.28	
3	QPSK	1	14	24.15	24.00	24.27	
3	QPSK	8	0	23.31	23.62	23.32	24.7
3	QPSK	8	4	23.37	23.40	23.29	
3	QPSK	8	7	23.39	23.33	23.45	
3	QPSK	15	0	23.41	23.51	23.48	
3	16QAM	1	0	23.58	23.89	23.64	24.7
3	16QAM	1	8	23.62	23.57	23.64	
3	16QAM	1	14	23.64	23.48	23.85	
3	16QAM	8	0	22.28	22.66	22.37	23.7
3	16QAM	8	4	22.35	22.42	22.37	
3	16QAM	8	7	22.33	22.33	22.52	
3	16QAM	15	0	22.46	22.46	22.46	
3	64QAM	1	0	22.67	22.88	22.76	23.7
3	64QAM	1	8	22.68	22.52	22.74	
3	64QAM	1	14	22.63	22.26	22.90	
3	64QAM	8	0	21.56	21.61	21.34	22.7
3	64QAM	8	4	21.38	21.43	21.43	
3	64QAM	8	7	21.53	21.26	21.62	
3	64QAM	15	0	21.39	21.36	21.36	
3	256QAM	1	0	18.92	19.60	19.19	20.7
3	256QAM	1	8	18.76	19.42	18.87	
3	256QAM	1	14	18.71	19.23	18.75	
3	256QAM	8	0	18.77	19.24	18.76	20.7
3	256QAM	8	4	18.71	19.29	18.83	
3	256QAM	8	7	18.72	19.32	18.79	
3	256QAM	15	0	18.70	19.30	18.86	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.34	24.63	24.45	25.7
1.4	QPSK	1	3	24.16	24.36	24.40	
1.4	QPSK	1	5	24.20	23.94	24.37	
1.4	QPSK	3	0	24.25	24.72	24.50	
1.4	QPSK	3	1	24.13	24.26	24.30	
1.4	QPSK	3	3	24.22	23.99	24.29	
1.4	QPSK	6	0	23.49	23.63	23.47	24.7
1.4	16QAM	1	0	23.31	23.47	23.31	24.7
1.4	16QAM	1	3	23.29	23.23	23.42	
1.4	16QAM	1	5	23.40	23.53	23.42	
1.4	16QAM	3	0	23.43	23.87	23.68	
1.4	16QAM	3	1	23.55	23.63	23.63	
1.4	16QAM	3	3	23.54	23.41	23.79	
1.4	16QAM	6	0	22.39	22.53	22.23	23.7
1.4	64QAM	1	0	22.47	22.35	22.32	23.7
1.4	64QAM	1	3	22.44	22.25	22.60	
1.4	64QAM	1	5	22.30	22.46	22.39	
1.4	64QAM	3	0	22.67	22.87	22.72	
1.4	64QAM	3	1	22.67	22.54	22.70	
1.4	64QAM	3	3	22.53	22.24	22.80	
1.4	64QAM	6	0	21.57	21.66	21.42	22.7
1.4	256QAM	1	0	19.12	19.66	19.25	20.7
1.4	256QAM	1	3	18.77	19.36	19.01	
1.4	256QAM	1	5	18.72	19.23	18.77	
1.4	256QAM	3	0	18.75	19.36	18.83	
1.4	256QAM	3	1	18.72	19.20	18.78	
1.4	256QAM	3	3	18.79	19.22	18.79	
1.4	256QAM	6	0	18.75	19.32	18.72	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.34	18.52	18.32	18.9
20	QPSK	1	49	18.29	18.40	18.32	
20	QPSK	1	99	18.16	17.98	18.21	
20	QPSK	50	0	18.28	18.48	18.31	18.9
20	QPSK	50	24	18.20	18.31	18.27	
20	QPSK	50	50	18.19	18.17	18.29	
20	QPSK	100	0	18.29	18.30	18.29	
20	16QAM	1	0	18.32	18.46	18.33	18.9
20	16QAM	1	49	18.44	18.49	18.44	
20	16QAM	1	99	18.33	18.10	18.48	
20	16QAM	50	0	18.31	18.47	18.23	18.9
20	16QAM	50	24	18.32	18.33	18.30	
20	16QAM	50	50	18.29	18.19	18.37	
20	16QAM	100	0	18.26	18.30	18.29	
20	64QAM	1	0	18.22	18.41	18.33	18.9
20	64QAM	1	49	18.23	18.38	18.45	
20	64QAM	1	99	18.21	17.97	18.43	
20	64QAM	50	0	18.33	18.50	18.26	18.9
20	64QAM	50	24	18.35	18.36	18.34	
20	64QAM	50	50	18.33	18.20	18.43	
20	64QAM	100	0	18.29	18.31	18.31	
20	256QAM	1	0	18.24	18.33	18.14	18.9
20	256QAM	1	49	18.16	18.37	18.08	
20	256QAM	1	99	18.32	18.36	18.12	
20	256QAM	50	0	18.18	18.44	18.14	18.9
20	256QAM	50	24	18.28	18.43	18.12	
20	256QAM	50	50	18.16	18.39	18.22	
20	256QAM	100	0	18.26	18.39	18.21	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.16	18.34	18.13	18.9
15	QPSK	1	37	18.22	18.29	18.19	
15	QPSK	1	74	17.99	17.85	18.19	
15	QPSK	36	0	18.20	18.35	18.18	18.9
15	QPSK	36	20	18.04	18.16	18.24	
15	QPSK	36	39	18.06	18.09	18.12	
15	QPSK	75	0	18.17	18.11	18.29	
15	16QAM	1	0	18.22	18.36	18.19	18.9
15	16QAM	1	37	18.32	18.30	18.30	
15	16QAM	1	74	18.25	17.94	18.30	
15	16QAM	36	0	18.25	18.40	18.18	18.9
15	16QAM	36	20	18.27	18.28	18.14	
15	16QAM	36	39	18.25	18.07	18.27	
15	16QAM	75	0	18.15	18.11	18.27	
15	64QAM	1	0	18.22	18.28	18.30	18.9
15	64QAM	1	37	18.16	18.20	18.32	
15	64QAM	1	74	18.18	17.83	18.35	
15	64QAM	36	0	18.22	18.40	18.24	18.9
15	64QAM	36	20	18.25	18.36	18.34	
15	64QAM	36	39	18.14	18.16	18.28	
15	64QAM	75	0	18.29	18.21	18.17	
15	256QAM	1	0	18.20	18.19	17.98	18.9
15	256QAM	1	37	18.14	18.36	18.02	
15	256QAM	1	74	18.12	18.31	18.11	
15	256QAM	36	0	18.02	18.37	18.03	18.9
15	256QAM	36	20	18.21	18.27	18.04	
15	256QAM	36	39	18.03	18.21	18.08	
15	256QAM	75	0	18.12	18.32	18.07	
Channel				26090	26340	26640	Tune-up limit

Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	18.26	18.49	18.16	18.9
10	QPSK	1	25	18.24	18.36	18.28	
10	QPSK	1	49	18.10	17.97	18.06	
10	QPSK	25	0	18.09	18.35	18.15	18.9
10	QPSK	25	12	18.12	18.14	18.17	
10	QPSK	25	25	18.08	18.02	18.26	
10	QPSK	50	0	18.28	18.10	18.23	
10	16QAM	1	0	18.31	18.42	18.32	18.9
10	16QAM	1	25	18.40	18.36	18.31	
10	16QAM	1	49	18.30	18.05	18.32	
10	16QAM	25	0	18.28	18.35	18.23	18.9
10	16QAM	25	12	18.31	18.14	18.17	
10	16QAM	25	25	18.24	18.09	18.34	
10	16QAM	50	0	18.07	18.30	18.21	
10	64QAM	1	0	18.08	18.21	18.31	18.9
10	64QAM	1	25	18.03	18.22	18.44	
10	64QAM	1	49	18.07	17.77	18.31	
10	64QAM	25	0	18.33	18.45	18.26	18.9
10	64QAM	25	12	18.28	18.27	18.14	
10	64QAM	25	25	18.28	18.04	18.42	
10	64QAM	50	0	18.22	18.24	18.15	
10	256QAM	1	0	18.13	18.20	18.08	18.9
10	256QAM	1	25	18.06	18.36	17.96	
10	256QAM	1	49	18.25	18.21	18.08	
10	256QAM	25	0	17.99	18.24	17.94	18.9
10	256QAM	25	12	18.27	18.31	18.01	
10	256QAM	25	25	18.14	18.34	18.18	
10	256QAM	50	0	18.24	18.23	18.20	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.28	18.52	18.20	18.9
5	QPSK	1	12	18.24	18.39	18.13	
5	QPSK	1	24	18.12	17.91	18.13	
5	QPSK	12	0	18.24	18.31	18.30	18.9
5	QPSK	12	7	18.05	18.18	18.21	
5	QPSK	12	13	18.07	18.00	18.26	
5	QPSK	25	0	18.09	18.20	18.20	
5	16QAM	1	0	18.13	18.40	18.28	18.9
5	16QAM	1	12	18.41	18.40	18.44	
5	16QAM	1	24	18.16	18.09	18.40	
5	16QAM	12	0	18.30	18.36	18.19	18.9
5	16QAM	12	7	18.32	18.14	18.19	
5	16QAM	12	13	18.16	18.06	18.17	
5	16QAM	25	0	18.21	18.13	18.09	
5	64QAM	1	0	18.08	18.23	18.21	18.9
5	64QAM	1	12	18.13	18.18	18.34	
5	64QAM	1	24	18.09	17.77	18.37	
5	64QAM	12	0	18.31	18.48	18.06	18.9
5	64QAM	12	7	18.18	18.36	18.29	
5	64QAM	12	13	18.28	18.15	18.24	
5	64QAM	25	0	18.19	18.15	18.27	
5	256QAM	1	0	18.04	18.23	18.12	18.9
5	256QAM	1	12	17.98	18.31	18.03	
5	256QAM	1	24	18.29	18.19	17.92	
5	256QAM	12	0	17.98	18.26	18.01	18.9
5	256QAM	12	7	18.23	18.36	18.02	
5	256QAM	12	13	18.12	18.28	18.11	
5	256QAM	25	0	18.18	18.35	18.11	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	18.31	18.35	18.31	18.9
3	QPSK	1	8	18.12	18.35	18.27	
3	QPSK	1	14	18.03	17.82	18.20	

3	QPSK	8	0	18.27	18.31	18.30	18.9
3	QPSK	8	4	18.16	18.18	18.15	
3	QPSK	8	7	18.09	18.08	18.25	
3	QPSK	15	0	18.15	18.27	18.11	
3	16QAM	1	0	18.18	18.33	18.24	18.9
3	16QAM	1	8	18.38	18.30	18.24	
3	16QAM	1	14	18.33	18.06	18.37	
3	16QAM	8	0	18.23	18.33	18.17	18.9
3	16QAM	8	4	18.13	18.20	18.27	
3	16QAM	8	7	18.26	18.07	18.24	
3	16QAM	15	0	18.10	18.22	18.16	
3	64QAM	1	0	18.12	18.26	18.13	18.9
3	64QAM	1	8	18.04	18.27	18.25	
3	64QAM	1	14	18.11	17.86	18.38	
3	64QAM	8	0	18.27	18.50	18.20	18.9
3	64QAM	8	4	18.26	18.30	18.15	
3	64QAM	8	7	18.18	18.08	18.39	
3	64QAM	15	0	18.19	18.14	18.22	
3	256QAM	1	0	18.21	18.20	17.97	18.9
3	256QAM	1	8	18.13	18.28	17.91	
3	256QAM	1	14	18.18	18.18	18.00	
3	256QAM	8	0	18.06	18.34	17.97	18.9
3	256QAM	8	4	18.09	18.35	18.02	
3	256QAM	8	7	17.96	18.31	18.12	
3	256QAM	15	0	18.23	18.31	18.04	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	18.34	18.43	18.26	18.9
1.4	QPSK	1	3	18.19	18.31	18.27	
1.4	QPSK	1	5	17.97	17.92	18.04	
1.4	QPSK	3	0	18.17	18.33	18.11	
1.4	QPSK	3	1	18.08	18.17	18.21	
1.4	QPSK	3	3	18.01	17.98	18.26	
1.4	QPSK	6	0	18.21	18.20	18.21	18.9
1.4	16QAM	1	0	18.20	18.28	18.20	18.9
1.4	16QAM	1	3	18.32	18.37	18.29	
1.4	16QAM	1	5	18.19	18.03	18.30	
1.4	16QAM	3	0	18.24	18.29	18.06	
1.4	16QAM	3	1	18.24	18.24	18.21	
1.4	16QAM	3	3	18.18	18.14	18.28	
1.4	16QAM	6	0	18.08	18.10	18.27	18.9
1.4	64QAM	1	0	18.07	18.36	18.27	18.9
1.4	64QAM	1	3	18.09	18.31	18.35	
1.4	64QAM	1	5	18.04	17.77	18.29	
1.4	64QAM	3	0	18.21	18.34	18.25	
1.4	64QAM	3	1	18.31	18.32	18.22	
1.4	64QAM	3	3	18.27	18.18	18.41	
1.4	64QAM	6	0	18.17	18.12	18.21	18.9
1.4	256QAM	1	0	18.21	18.15	17.99	18.9
1.4	256QAM	1	3	17.97	18.35	17.96	
1.4	256QAM	1	5	18.15	18.18	18.12	
1.4	256QAM	3	0	18.05	18.42	18.07	
1.4	256QAM	3	1	18.22	18.42	18.00	
1.4	256QAM	3	3	18.00	18.39	18.20	
1.4	256QAM	6	0	18.13	18.23	18.17	18.9

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.77	21.95	21.81	23
20	QPSK	1	49	21.76	21.79	21.76	
20	QPSK	1	99	21.56	21.40	21.79	
20	QPSK	50	0	21.72	21.87	21.75	23
20	QPSK	50	24	21.70	21.74	21.72	
20	QPSK	50	50	21.71	21.62	21.72	
20	QPSK	100	0	21.71	21.74	21.73	
20	16QAM	1	0	21.85	21.91	21.92	23
20	16QAM	1	49	21.94	21.87	21.94	
20	16QAM	1	99	21.85	21.63	21.90	
20	16QAM	50	0	21.72	21.86	21.66	23
20	16QAM	50	24	21.72	21.74	21.70	
20	16QAM	50	50	21.68	21.59	21.80	
20	16QAM	100	0	21.66	21.71	21.70	
20	64QAM	1	0	21.89	21.90	21.85	23
20	64QAM	1	49	21.91	21.86	21.93	
20	64QAM	1	99	21.85	21.55	21.88	
20	64QAM	50	0	21.11	21.30	21.08	22.7
20	64QAM	50	24	21.14	21.19	21.13	
20	64QAM	50	50	21.09	21.02	21.22	
20	64QAM	100	0	21.08	21.11	21.10	
20	256QAM	1	0	19.13	19.66	19.15	20.7
20	256QAM	1	49	18.76	19.42	19.13	
20	256QAM	1	99	18.85	19.35	18.91	
20	256QAM	50	0	18.79	19.51	18.85	20.7
20	256QAM	50	24	18.75	19.29	18.86	
20	256QAM	50	50	18.82	19.29	18.95	
20	256QAM	100	0	18.79	19.45	18.82	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	21.72	21.95	21.63	23
15	QPSK	1	37	21.66	21.74	21.72	
15	QPSK	1	74	21.36	21.28	21.68	
15	QPSK	36	0	21.65	21.81	21.73	23
15	QPSK	36	20	21.53	21.68	21.61	
15	QPSK	36	39	21.55	21.53	21.63	
15	QPSK	75	0	21.56	21.68	21.61	
15	16QAM	1	0	21.77	21.87	21.91	23
15	16QAM	1	37	21.88	21.68	21.86	
15	16QAM	1	74	21.80	21.50	21.85	
15	16QAM	36	0	21.72	21.67	21.54	23
15	16QAM	36	20	21.61	21.69	21.59	
15	16QAM	36	39	21.57	21.45	21.68	
15	16QAM	75	0	21.47	21.69	21.54	
15	64QAM	1	0	21.71	21.72	21.85	23
15	64QAM	1	37	21.89	21.77	21.73	
15	64QAM	1	74	21.81	21.37	21.72	
15	64QAM	36	0	20.95	21.23	21.08	22.7
15	64QAM	36	20	21.13	21.13	20.96	
15	64QAM	36	39	21.06	20.95	21.15	
15	64QAM	75	0	21.00	21.08	21.08	
15	256QAM	1	0	19.05	19.60	19.08	20.7
15	256QAM	1	37	18.79	19.42	19.01	
15	256QAM	1	74	18.81	19.35	18.87	
15	256QAM	36	0	18.77	19.32	18.80	20.7
15	256QAM	36	20	18.75	19.26	18.77	
15	256QAM	36	39	18.81	19.25	18.81	

15	256QAM	75	0	18.75	19.38	18.77	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.64	21.80	21.64	23
10	QPSK	1	25	21.70	21.78	21.57	
10	QPSK	1	49	21.47	21.39	21.60	
10	QPSK	25	0	21.56	21.70	21.72	23
10	QPSK	25	12	21.51	21.69	21.66	
10	QPSK	25	25	21.62	21.43	21.60	
10	QPSK	50	0	21.63	21.70	21.66	
10	16QAM	1	0	21.74	21.77	21.85	23
10	16QAM	1	25	21.86	21.68	21.90	
10	16QAM	1	49	21.85	21.45	21.78	
10	16QAM	25	0	21.55	21.70	21.48	23
10	16QAM	25	12	21.71	21.62	21.60	
10	16QAM	25	25	21.67	21.53	21.63	
10	16QAM	50	0	21.57	21.66	21.59	
10	64QAM	1	0	21.89	21.81	21.82	23
10	64QAM	1	25	21.79	21.78	21.87	
10	64QAM	1	49	21.68	21.47	21.88	
10	64QAM	25	0	21.05	21.12	20.88	22.7
10	64QAM	25	12	21.02	21.14	21.02	
10	64QAM	25	25	20.90	20.82	21.17	
10	64QAM	50	0	20.97	21.08	21.08	
10	256QAM	1	0	18.99	19.51	19.14	20.7
10	256QAM	1	25	18.74	19.31	19.08	
10	256QAM	1	49	18.72	19.18	18.79	
10	256QAM	25	0	18.71	19.38	18.76	20.7
10	256QAM	25	12	18.70	19.09	18.76	
10	256QAM	25	25	18.79	19.26	18.78	
10	256QAM	50	0	18.70	19.43	18.79	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	21.76	21.94	21.72	23
5	QPSK	1	12	21.58	21.63	21.65	
5	QPSK	1	24	21.48	21.20	21.78	
5	QPSK	12	0	21.61	21.69	21.68	23
5	QPSK	12	7	21.57	21.64	21.72	
5	QPSK	12	13	21.53	21.60	21.61	
5	QPSK	25	0	21.52	21.63	21.55	
5	16QAM	1	0	21.80	21.72	21.86	23
5	16QAM	1	12	21.82	21.87	21.85	
5	16QAM	1	24	21.82	21.61	21.79	
5	16QAM	12	0	21.58	21.70	21.54	23
5	16QAM	12	7	21.72	21.55	21.63	
5	16QAM	12	13	21.65	21.39	21.74	
5	16QAM	25	0	21.46	21.65	21.65	
5	64QAM	1	0	21.88	21.85	21.80	23
5	64QAM	1	12	21.78	21.86	21.86	
5	64QAM	1	24	21.83	21.51	21.79	
5	64QAM	12	0	21.08	21.17	21.07	22.7
5	64QAM	12	7	20.96	21.06	21.12	
5	64QAM	12	13	21.08	21.02	21.04	
5	64QAM	25	0	21.08	20.96	20.95	
5	256QAM	1	0	19.09	19.54	19.02	20.7
5	256QAM	1	12	18.73	19.29	19.13	
5	256QAM	1	24	18.77	19.26	18.85	
5	256QAM	12	0	18.75	19.40	18.70	20.7
5	256QAM	12	7	18.75	19.15	18.79	
5	256QAM	12	13	18.75	19.17	18.81	
5	256QAM	25	0	18.74	19.32	18.72	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	21.75	21.85	21.66	23
3	QPSK	1	8	21.69	21.65	21.60	
3	QPSK	1	14	21.51	21.27	21.66	
3	QPSK	8	0	21.68	21.84	21.64	23
3	QPSK	8	4	21.55	21.71	21.62	
3	QPSK	8	7	21.53	21.50	21.71	
3	QPSK	15	0	21.67	21.55	21.67	
3	16QAM	1	0	21.72	21.72	21.92	23
3	16QAM	1	8	21.92	21.79	21.91	
3	16QAM	1	14	21.84	21.55	21.90	
3	16QAM	8	0	21.62	21.77	21.49	23
3	16QAM	8	4	21.58	21.72	21.52	
3	16QAM	8	7	21.66	21.39	21.75	
3	16QAM	15	0	21.64	21.67	21.55	
3	64QAM	1	0	21.84	21.84	21.73	23
3	64QAM	1	8	21.91	21.85	21.89	
3	64QAM	1	14	21.81	21.40	21.76	
3	64QAM	8	0	20.93	21.28	20.96	22.7
3	64QAM	8	4	21.06	21.13	20.98	
3	64QAM	8	7	20.98	20.82	21.06	
3	64QAM	15	0	20.91	21.06	21.03	
3	256QAM	1	0	18.95	19.61	19.12	20.7
3	256QAM	1	8	18.79	19.34	18.96	
3	256QAM	1	14	18.81	19.22	18.82	
3	256QAM	8	0	18.76	19.39	18.78	20.7
3	256QAM	8	4	18.73	19.21	18.84	
3	256QAM	8	7	18.71	19.18	18.95	
3	256QAM	15	0	18.72	19.34	18.77	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	21.64	21.90	21.75	23
1.4	QPSK	1	3	21.68	21.78	21.60	
1.4	QPSK	1	5	21.44	21.30	21.60	
1.4	QPSK	3	0	21.70	21.84	21.70	
1.4	QPSK	3	1	21.51	21.63	21.56	
1.4	QPSK	3	3	21.67	21.42	21.63	
1.4	QPSK	6	0	21.51	21.73	21.59	23
1.4	16QAM	1	0	21.82	21.76	21.79	23
1.4	16QAM	1	3	21.78	21.67	21.79	
1.4	16QAM	1	5	21.69	21.45	21.73	
1.4	16QAM	3	0	21.70	21.79	21.58	
1.4	16QAM	3	1	21.67	21.59	21.63	
1.4	16QAM	3	3	21.63	21.53	21.60	
1.4	16QAM	6	0	21.53	21.53	21.57	23
1.4	64QAM	1	0	21.84	21.73	21.80	23
1.4	64QAM	1	3	21.91	21.82	21.90	
1.4	64QAM	1	5	21.80	21.55	21.86	
1.4	64QAM	3	0	21.04	21.23	21.07	
1.4	64QAM	3	1	21.05	21.06	21.04	
1.4	64QAM	3	3	21.09	21.05	21.02	
1.4	64QAM	6	0	21.01	20.95	20.96	22.7
1.4	256QAM	1	0	18.96	19.56	19.08	20.7
1.4	256QAM	1	3	18.77	19.39	19.04	
1.4	256QAM	1	5	18.77	19.31	18.89	
1.4	256QAM	3	0	18.70	19.51	18.85	
1.4	256QAM	3	1	18.73	19.21	18.85	
1.4	256QAM	3	3	18.73	19.26	18.94	
1.4	256QAM	6	0	18.71	19.26	18.78	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.77	21.95	21.81	22.2
20	QPSK	1	49	21.76	21.79	21.76	
20	QPSK	1	99	21.56	21.40	21.79	
20	QPSK	50	0	21.72	21.87	21.75	22.2
20	QPSK	50	24	21.70	21.74	21.72	
20	QPSK	50	50	21.71	21.62	21.72	
20	QPSK	100	0	21.71	21.74	21.73	
20	16QAM	1	0	21.85	21.91	21.92	22.2
20	16QAM	1	49	21.94	21.87	21.94	
20	16QAM	1	99	21.85	21.63	21.90	
20	16QAM	50	0	21.72	21.86	21.66	22.2
20	16QAM	50	24	21.72	21.74	21.70	
20	16QAM	50	50	21.68	21.59	21.80	
20	16QAM	100	0	21.66	21.71	21.70	
20	64QAM	1	0	21.89	21.90	21.85	22.2
20	64QAM	1	49	21.91	21.86	21.93	
20	64QAM	1	99	21.85	21.55	21.88	
20	64QAM	50	0	21.11	21.30	21.08	22.2
20	64QAM	50	24	21.14	21.19	21.13	
20	64QAM	50	50	21.09	21.02	21.22	
20	64QAM	100	0	21.08	21.11	21.10	
20	256QAM	1	0	19.13	19.66	19.15	20.7
20	256QAM	1	49	18.76	19.42	19.13	
20	256QAM	1	99	18.85	19.35	18.91	
20	256QAM	50	0	18.79	19.51	18.85	20.7
20	256QAM	50	24	18.75	19.29	18.86	
20	256QAM	50	50	18.82	19.29	18.95	
20	256QAM	100	0	18.79	19.45	18.82	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	21.72	21.95	21.63	22.2
15	QPSK	1	37	21.66	21.74	21.72	
15	QPSK	1	74	21.36	21.28	21.68	
15	QPSK	36	0	21.65	21.81	21.73	22.2
15	QPSK	36	20	21.53	21.68	21.61	
15	QPSK	36	39	21.55	21.53	21.63	
15	QPSK	75	0	21.56	21.68	21.61	
15	16QAM	1	0	21.77	21.87	21.91	22.2
15	16QAM	1	37	21.88	21.68	21.86	
15	16QAM	1	74	21.80	21.50	21.85	
15	16QAM	36	0	21.72	21.67	21.54	22.2
15	16QAM	36	20	21.61	21.69	21.59	
15	16QAM	36	39	21.57	21.45	21.68	
15	16QAM	75	0	21.47	21.69	21.54	
15	64QAM	1	0	21.71	21.72	21.85	22.2
15	64QAM	1	37	21.89	21.77	21.73	
15	64QAM	1	74	21.81	21.37	21.72	
15	64QAM	36	0	20.95	21.23	21.08	22.2
15	64QAM	36	20	21.13	21.13	20.96	
15	64QAM	36	39	21.06	20.95	21.15	
15	64QAM	75	0	21.00	21.08	21.08	
15	256QAM	1	0	19.05	19.60	19.08	20.7
15	256QAM	1	37	18.79	19.42	19.01	
15	256QAM	1	74	18.81	19.35	18.87	
15	256QAM	36	0	18.77	19.32	18.80	20.7
15	256QAM	36	20	18.75	19.26	18.77	
15	256QAM	36	39	18.81	19.25	18.81	

15	256QAM	75	0	18.75	19.38	18.77	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.64	21.80	21.64	22.2
10	QPSK	1	25	21.70	21.78	21.57	
10	QPSK	1	49	21.47	21.39	21.60	
10	QPSK	25	0	21.56	21.70	21.72	22.2
10	QPSK	25	12	21.51	21.69	21.66	
10	QPSK	25	25	21.62	21.43	21.60	
10	QPSK	50	0	21.63	21.70	21.66	
10	16QAM	1	0	21.74	21.77	21.85	22.2
10	16QAM	1	25	21.86	21.68	21.90	
10	16QAM	1	49	21.85	21.45	21.78	
10	16QAM	25	0	21.55	21.70	21.48	22.2
10	16QAM	25	12	21.71	21.62	21.60	
10	16QAM	25	25	21.67	21.53	21.63	
10	16QAM	50	0	21.57	21.66	21.59	
10	64QAM	1	0	21.89	21.81	21.82	22.2
10	64QAM	1	25	21.79	21.78	21.87	
10	64QAM	1	49	21.68	21.47	21.88	
10	64QAM	25	0	21.05	21.12	20.88	22.2
10	64QAM	25	12	21.02	21.14	21.02	
10	64QAM	25	25	20.90	20.82	21.17	
10	64QAM	50	0	20.97	21.08	21.08	
10	256QAM	1	0	18.99	19.51	19.14	20.7
10	256QAM	1	25	18.74	19.31	19.08	
10	256QAM	1	49	18.72	19.18	18.79	
10	256QAM	25	0	18.71	19.38	18.76	20.7
10	256QAM	25	12	18.70	19.09	18.76	
10	256QAM	25	25	18.79	19.26	18.78	
10	256QAM	50	0	18.70	19.43	18.79	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	21.76	21.94	21.72	22.2
5	QPSK	1	12	21.58	21.63	21.65	
5	QPSK	1	24	21.48	21.20	21.78	
5	QPSK	12	0	21.61	21.69	21.68	22.2
5	QPSK	12	7	21.57	21.64	21.72	
5	QPSK	12	13	21.53	21.60	21.61	
5	QPSK	25	0	21.52	21.63	21.55	
5	16QAM	1	0	21.80	21.72	21.86	22.2
5	16QAM	1	12	21.82	21.87	21.85	
5	16QAM	1	24	21.82	21.61	21.79	
5	16QAM	12	0	21.58	21.70	21.54	22.2
5	16QAM	12	7	21.72	21.55	21.63	
5	16QAM	12	13	21.65	21.39	21.74	
5	16QAM	25	0	21.46	21.65	21.65	
5	64QAM	1	0	21.88	21.85	21.80	22.2
5	64QAM	1	12	21.78	21.86	21.86	
5	64QAM	1	24	21.83	21.51	21.79	
5	64QAM	12	0	21.08	21.17	21.07	22.2
5	64QAM	12	7	20.96	21.06	21.12	
5	64QAM	12	13	21.08	21.02	21.04	
5	64QAM	25	0	21.08	20.96	20.95	
5	256QAM	1	0	19.09	19.54	19.02	20.7
5	256QAM	1	12	18.73	19.29	19.13	
5	256QAM	1	24	18.77	19.26	18.85	
5	256QAM	12	0	18.75	19.40	18.70	20.7
5	256QAM	12	7	18.75	19.15	18.79	
5	256QAM	12	13	18.75	19.17	18.81	
5	256QAM	25	0	18.74	19.32	18.72	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	21.75	21.85	21.66	22.2
3	QPSK	1	8	21.69	21.65	21.60	
3	QPSK	1	14	21.51	21.27	21.66	
3	QPSK	8	0	21.68	21.84	21.64	22.2
3	QPSK	8	4	21.55	21.71	21.62	
3	QPSK	8	7	21.53	21.50	21.71	
3	QPSK	15	0	21.67	21.55	21.67	
3	16QAM	1	0	21.72	21.72	21.92	22.2
3	16QAM	1	8	21.92	21.79	21.91	
3	16QAM	1	14	21.84	21.55	21.90	
3	16QAM	8	0	21.62	21.77	21.49	22.2
3	16QAM	8	4	21.58	21.72	21.52	
3	16QAM	8	7	21.66	21.39	21.75	
3	16QAM	15	0	21.64	21.67	21.55	
3	64QAM	1	0	21.84	21.84	21.73	22.2
3	64QAM	1	8	21.91	21.85	21.89	
3	64QAM	1	14	21.81	21.40	21.76	
3	64QAM	8	0	20.93	21.28	20.96	22.2
3	64QAM	8	4	21.06	21.13	20.98	
3	64QAM	8	7	20.98	20.82	21.06	
3	64QAM	15	0	20.91	21.06	21.03	
3	256QAM	1	0	18.95	19.61	19.12	20.7
3	256QAM	1	8	18.79	19.34	18.96	
3	256QAM	1	14	18.81	19.22	18.82	
3	256QAM	8	0	18.76	19.39	18.78	20.7
3	256QAM	8	4	18.73	19.21	18.84	
3	256QAM	8	7	18.71	19.18	18.95	
3	256QAM	15	0	18.72	19.34	18.77	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	21.64	21.90	21.75	22.2
1.4	QPSK	1	3	21.68	21.78	21.60	
1.4	QPSK	1	5	21.44	21.30	21.60	
1.4	QPSK	3	0	21.70	21.84	21.70	
1.4	QPSK	3	1	21.51	21.63	21.56	
1.4	QPSK	3	3	21.67	21.42	21.63	
1.4	QPSK	6	0	21.51	21.73	21.59	22.2
1.4	16QAM	1	0	21.82	21.76	21.79	22.2
1.4	16QAM	1	3	21.78	21.67	21.79	
1.4	16QAM	1	5	21.69	21.45	21.73	
1.4	16QAM	3	0	21.70	21.79	21.58	
1.4	16QAM	3	1	21.67	21.59	21.63	
1.4	16QAM	3	3	21.63	21.53	21.60	
1.4	16QAM	6	0	21.53	21.53	21.57	22.2
1.4	64QAM	1	0	21.84	21.73	21.80	22.2
1.4	64QAM	1	3	21.91	21.82	21.90	
1.4	64QAM	1	5	21.80	21.55	21.86	
1.4	64QAM	3	0	21.04	21.23	21.07	
1.4	64QAM	3	1	21.05	21.06	21.04	
1.4	64QAM	3	3	21.09	21.05	21.02	
1.4	64QAM	6	0	21.01	20.95	20.96	22.2
1.4	256QAM	1	0	18.96	19.56	19.08	20.7
1.4	256QAM	1	3	18.77	19.39	19.04	
1.4	256QAM	1	5	18.77	19.31	18.89	
1.4	256QAM	3	0	18.70	19.51	18.85	
1.4	256QAM	3	1	18.73	19.21	18.85	
1.4	256QAM	3	3	18.73	19.26	18.94	
1.4	256QAM	6	0	18.71	19.26	18.78	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.40	24.72	24.50	25.7
20	QPSK	1	49	24.27	24.45	24.44	
20	QPSK	1	99	24.23	24.13	24.40	
20	QPSK	50	0	23.50	23.69	23.52	24.7
20	QPSK	50	24	23.47	23.57	23.48	
20	QPSK	50	50	23.44	23.42	23.49	
20	QPSK	100	0	23.45	23.53	23.50	
20	16QAM	1	0	23.62	24.00	23.69	24.7
20	16QAM	1	49	23.65	23.77	23.73	
20	16QAM	1	99	23.64	23.49	23.85	
20	16QAM	50	0	22.46	22.67	22.41	23.7
20	16QAM	50	24	22.52	22.53	22.51	
20	16QAM	50	50	22.50	22.37	22.63	
20	16QAM	100	0	22.47	22.53	22.51	
20	64QAM	1	0	22.72	22.90	22.76	23.7
20	64QAM	1	49	22.73	22.61	22.83	
20	64QAM	1	99	22.70	22.40	22.93	
20	64QAM	50	0	21.57	21.71	21.50	22.7
20	64QAM	50	24	21.57	21.57	21.56	
20	64QAM	50	50	21.55	21.42	21.65	
20	64QAM	100	0	21.51	21.53	21.56	
20	256QAM	1	0	19.12	19.68	19.25	20.7
20	256QAM	1	49	18.82	19.48	19.04	
20	256QAM	1	99	18.75	19.38	18.87	
20	256QAM	50	0	18.80	19.42	18.93	20.7
20	256QAM	50	24	18.75	19.31	18.85	
20	256QAM	50	50	18.75	19.35	18.92	
20	256QAM	100	0	18.78	19.37	18.92	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.36	24.57	24.44	25.7
15	QPSK	1	37	24.21	24.37	24.39	
15	QPSK	1	74	24.07	23.93	24.20	
15	QPSK	36	0	23.36	23.66	23.49	24.7
15	QPSK	36	20	23.29	23.40	23.42	
15	QPSK	36	39	23.24	23.27	23.45	
15	QPSK	75	0	23.44	23.41	23.46	
15	16QAM	1	0	23.60	23.80	23.61	24.7
15	16QAM	1	37	23.46	23.57	23.72	
15	16QAM	1	74	23.47	23.43	23.75	
15	16QAM	36	0	22.35	22.61	22.27	23.7
15	16QAM	36	20	22.33	22.50	22.38	
15	16QAM	36	39	22.31	22.32	22.55	
15	16QAM	75	0	22.47	22.47	22.43	
15	64QAM	1	0	22.65	22.81	22.67	23.7
15	64QAM	1	37	22.67	22.45	22.66	
15	64QAM	1	74	22.69	22.26	22.85	
15	64QAM	36	0	21.55	21.61	21.38	22.7
15	64QAM	36	20	21.54	21.55	21.46	
15	64QAM	36	39	21.45	21.24	21.64	
15	64QAM	75	0	21.35	21.44	21.49	
15	256QAM	1	0	19.08	19.48	19.08	20.7
15	256QAM	1	37	18.72	19.31	18.87	
15	256QAM	1	74	18.71	19.26	18.81	
15	256QAM	36	0	18.72	19.37	18.84	20.7
15	256QAM	36	20	18.72	19.18	18.82	
15	256QAM	36	39	18.73	19.15	18.75	

15	256QAM	75	0	18.70	19.24	18.74	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.27	24.56	24.50	25.7
10	QPSK	1	25	24.23	24.27	24.32	
10	QPSK	1	49	24.20	23.96	24.39	
10	QPSK	25	0	23.42	23.50	23.36	24.7
10	QPSK	25	12	23.42	23.55	23.46	
10	QPSK	25	25	23.36	23.39	23.29	
10	QPSK	50	0	23.38	23.41	23.44	
10	16QAM	1	0	23.50	23.90	23.66	24.7
10	16QAM	1	25	23.48	23.67	23.57	
10	16QAM	1	49	23.49	23.32	23.73	
10	16QAM	25	0	22.37	22.58	22.25	23.7
10	16QAM	25	12	22.34	22.33	22.47	
10	16QAM	25	25	22.31	22.30	22.45	
10	16QAM	50	0	22.29	22.48	22.43	
10	64QAM	1	0	22.63	22.77	22.68	23.7
10	64QAM	1	25	22.61	22.57	22.69	
10	64QAM	1	49	22.61	22.29	22.82	
10	64QAM	25	0	21.53	21.59	21.30	22.7
10	64QAM	25	12	21.45	21.50	21.41	
10	64QAM	25	25	21.39	21.30	21.55	
10	64QAM	50	0	21.34	21.43	21.43	
10	256QAM	1	0	19.02	19.57	19.25	20.7
10	256QAM	1	25	18.72	19.34	18.91	
10	256QAM	1	49	18.72	19.23	18.76	
10	256QAM	25	0	18.78	19.32	18.84	20.7
10	256QAM	25	12	18.78	19.30	18.84	
10	256QAM	25	25	18.79	19.19	18.84	
10	256QAM	50	0	18.70	19.37	18.85	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.20	24.71	24.32	25.7
5	QPSK	1	12	24.16	24.44	24.35	
5	QPSK	1	24	24.20	24.08	24.35	
5	QPSK	12	0	23.38	23.55	23.52	24.7
5	QPSK	12	7	23.40	23.51	23.39	
5	QPSK	12	13	23.27	23.42	23.48	
5	QPSK	25	0	23.42	23.35	23.42	
5	16QAM	1	0	23.43	23.82	23.58	24.7
5	16QAM	1	12	23.61	23.73	23.61	
5	16QAM	1	24	23.64	23.33	23.82	
5	16QAM	12	0	22.39	22.58	22.32	23.7
5	16QAM	12	7	22.37	22.41	22.51	
5	16QAM	12	13	22.40	22.20	22.43	
5	16QAM	25	0	22.46	22.47	22.50	
5	64QAM	1	0	22.54	22.87	22.58	23.7
5	64QAM	1	12	22.62	22.56	22.77	
5	64QAM	1	24	22.68	22.26	22.92	
5	64QAM	12	0	21.37	21.71	21.35	22.7
5	64QAM	12	7	21.40	21.41	21.39	
5	64QAM	12	13	21.45	21.42	21.46	
5	64QAM	25	0	21.36	21.40	21.52	
5	256QAM	1	0	18.95	19.52	19.24	20.7
5	256QAM	1	12	18.73	19.31	19.02	
5	256QAM	1	24	18.71	19.18	18.81	
5	256QAM	12	0	18.70	19.32	18.76	20.7
5	256QAM	12	7	18.72	19.22	18.74	
5	256QAM	12	13	18.78	19.15	18.79	
5	256QAM	25	0	18.73	19.27	18.89	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.22	24.56	24.39	25.7
3	QPSK	1	8	24.20	24.38	24.28	
3	QPSK	1	14	24.15	24.00	24.27	
3	QPSK	8	0	23.31	23.62	23.32	24.7
3	QPSK	8	4	23.37	23.40	23.29	
3	QPSK	8	7	23.39	23.33	23.45	
3	QPSK	15	0	23.41	23.51	23.48	
3	16QAM	1	0	23.58	23.89	23.64	24.7
3	16QAM	1	8	23.62	23.57	23.64	
3	16QAM	1	14	23.64	23.48	23.85	
3	16QAM	8	0	22.28	22.66	22.37	23.7
3	16QAM	8	4	22.35	22.42	22.37	
3	16QAM	8	7	22.33	22.33	22.52	
3	16QAM	15	0	22.46	22.46	22.46	
3	64QAM	1	0	22.67	22.88	22.76	23.7
3	64QAM	1	8	22.68	22.52	22.74	
3	64QAM	1	14	22.63	22.26	22.90	
3	64QAM	8	0	21.56	21.61	21.34	22.7
3	64QAM	8	4	21.38	21.43	21.43	
3	64QAM	8	7	21.53	21.26	21.62	
3	64QAM	15	0	21.39	21.36	21.36	
3	256QAM	1	0	18.92	19.60	19.19	20.7
3	256QAM	1	8	18.76	19.42	18.87	
3	256QAM	1	14	18.71	19.23	18.75	
3	256QAM	8	0	18.77	19.24	18.76	20.7
3	256QAM	8	4	18.71	19.29	18.83	
3	256QAM	8	7	18.72	19.32	18.79	
3	256QAM	15	0	18.70	19.30	18.86	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.34	24.63	24.45	25.7
1.4	QPSK	1	3	24.16	24.36	24.40	
1.4	QPSK	1	5	24.20	23.94	24.37	
1.4	QPSK	3	0	24.25	24.72	24.50	
1.4	QPSK	3	1	24.13	24.26	24.30	
1.4	QPSK	3	3	24.22	23.99	24.29	
1.4	QPSK	6	0	23.49	23.63	23.47	24.7
1.4	16QAM	1	0	23.31	23.47	23.31	24.7
1.4	16QAM	1	3	23.29	23.23	23.42	
1.4	16QAM	1	5	23.40	23.53	23.42	
1.4	16QAM	3	0	23.43	23.87	23.68	
1.4	16QAM	3	1	23.55	23.63	23.63	
1.4	16QAM	3	3	23.54	23.41	23.79	
1.4	16QAM	6	0	22.39	22.53	22.23	23.7
1.4	64QAM	1	0	22.47	22.35	22.32	23.7
1.4	64QAM	1	3	22.44	22.25	22.60	
1.4	64QAM	1	5	22.30	22.46	22.39	
1.4	64QAM	3	0	22.67	22.87	22.72	
1.4	64QAM	3	1	22.67	22.54	22.70	
1.4	64QAM	3	3	22.53	22.24	22.80	
1.4	64QAM	6	0	21.57	21.66	21.42	22.7
1.4	256QAM	1	0	19.12	19.66	19.25	20.7
1.4	256QAM	1	3	18.77	19.36	19.01	
1.4	256QAM	1	5	18.72	19.23	18.77	
1.4	256QAM	3	0	18.75	19.36	18.83	
1.4	256QAM	3	1	18.72	19.20	18.78	
1.4	256QAM	3	3	18.79	19.22	18.79	
1.4	256QAM	6	0	18.75	19.32	18.72	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.20	19.42	19.11	19.5
20	QPSK	1	49	18.94	19.41	19.05	
20	QPSK	1	99	19.08	19.38	19.07	
20	QPSK	50	0	19.11	19.41	19.11	19.5
20	QPSK	50	24	19.05	19.34	19.10	
20	QPSK	50	50	19.00	19.34	19.03	
20	QPSK	100	0	19.04	19.27	18.98	
20	16QAM	1	0	18.99	19.25	18.89	19.5
20	16QAM	1	49	19.08	19.33	18.86	
20	16QAM	1	99	19.02	19.40	19.03	
20	16QAM	50	0	19.11	19.39	18.95	19.5
20	16QAM	50	24	19.05	19.31	18.93	
20	16QAM	50	50	18.99	19.38	18.93	
20	16QAM	100	0	19.01	19.40	18.96	
20	64QAM	1	0	19.18	19.27	19.01	19.5
20	64QAM	1	49	19.04	19.27	18.95	
20	64QAM	1	99	19.07	19.20	18.91	
20	64QAM	50	0	18.99	19.25	19.00	19.5
20	64QAM	50	24	19.13	19.25	19.04	
20	64QAM	50	50	18.96	19.41	19.00	
20	64QAM	100	0	18.99	19.29	18.95	
20	256QAM	1	0	19.04	19.05	19.15	19.5
20	256QAM	1	49	18.72	19.09	19.06	
20	256QAM	1	99	18.71	19.04	18.89	
20	256QAM	50	0	18.81	19.02	18.86	19.5
20	256QAM	50	24	18.74	19.01	18.84	
20	256QAM	50	50	18.67	19.03	18.82	
20	256QAM	100	0	18.64	19.02	18.93	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.04	19.27	18.93	19.5
15	QPSK	1	37	18.90	19.36	18.97	
15	QPSK	1	74	18.95	19.27	18.87	
15	QPSK	36	0	18.96	19.29	19.00	19.5
15	QPSK	36	20	19.01	19.24	19.07	
15	QPSK	36	39	18.87	19.24	18.93	
15	QPSK	75	0	18.92	19.15	18.86	
15	16QAM	1	0	18.86	19.20	18.78	19.5
15	16QAM	1	37	18.98	19.17	18.71	
15	16QAM	1	74	18.86	19.33	19.03	
15	16QAM	36	0	19.05	19.19	18.80	19.5
15	16QAM	36	20	18.86	19.17	18.83	
15	16QAM	36	39	18.83	19.38	18.90	
15	16QAM	75	0	18.83	19.26	18.96	
15	64QAM	1	0	19.11	19.12	18.94	19.5
15	64QAM	1	37	19.03	19.22	18.81	
15	64QAM	1	74	18.98	19.01	18.83	
15	64QAM	36	0	18.80	19.15	18.93	19.5
15	64QAM	36	20	18.95	19.10	18.84	
15	64QAM	36	39	18.87	19.24	18.92	
15	64QAM	75	0	18.94	19.21	18.79	
15	256QAM	1	0	18.86	18.88	19.11	19.5
15	256QAM	1	37	18.64	19.05	19.05	
15	256QAM	1	74	18.54	18.98	18.77	
15	256QAM	36	0	18.70	18.84	18.79	19.5
15	256QAM	36	20	18.65	18.85	18.65	
15	256QAM	36	39	18.50	18.85	18.76	

15	256QAM	75	0	18.61	18.84	18.91	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	19.06	19.22	19.05	19.5
10	QPSK	1	25	18.74	19.36	18.86	
10	QPSK	1	49	18.88	19.23	19.01	
10	QPSK	25	0	19.01	19.34	19.01	19.5
10	QPSK	25	12	18.86	19.29	18.93	
10	QPSK	25	25	18.92	19.22	18.84	
10	QPSK	50	0	19.03	19.27	18.87	
10	16QAM	1	0	18.94	19.22	18.75	19.5
10	16QAM	1	25	18.95	19.16	18.73	
10	16QAM	1	49	18.98	19.30	18.87	
10	16QAM	25	0	18.99	19.39	18.75	19.5
10	16QAM	25	12	19.00	19.29	18.78	
10	16QAM	25	25	18.91	19.25	18.76	
10	16QAM	50	0	18.96	19.36	18.96	
10	64QAM	1	0	19.03	19.16	18.94	19.5
10	64QAM	1	25	18.96	19.24	18.86	
10	64QAM	1	49	18.93	19.13	18.72	
10	64QAM	25	0	18.83	19.25	18.82	19.5
10	64QAM	25	12	19.12	19.14	19.03	
10	64QAM	25	25	18.84	19.25	18.89	
10	64QAM	50	0	18.92	19.15	18.83	
10	256QAM	1	0	18.98	18.87	19.02	19.5
10	256QAM	1	25	18.61	19.06	18.87	
10	256QAM	1	49	18.59	18.87	18.78	
10	256QAM	25	0	18.62	19.00	18.66	19.5
10	256QAM	25	12	18.57	18.87	18.77	
10	256QAM	25	25	18.47	18.86	18.74	
10	256QAM	50	0	18.59	18.95	18.85	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	19.13	19.26	18.92	19.5
5	QPSK	1	12	18.76	19.38	18.96	
5	QPSK	1	24	18.99	19.26	18.89	
5	QPSK	12	0	19.06	19.28	18.92	19.5
5	QPSK	12	7	18.90	19.15	18.99	
5	QPSK	12	13	18.97	19.24	18.88	
5	QPSK	25	0	18.86	19.09	18.80	
5	16QAM	1	0	18.92	19.25	18.84	19.5
5	16QAM	1	12	19.04	19.16	18.77	
5	16QAM	1	24	18.97	19.37	18.98	
5	16QAM	12	0	18.96	19.22	18.80	19.5
5	16QAM	12	7	18.91	19.31	18.92	
5	16QAM	12	13	18.93	19.21	18.79	
5	16QAM	25	0	19.01	19.25	18.94	
5	64QAM	1	0	19.17	19.15	18.97	19.5
5	64QAM	1	12	18.86	19.20	18.79	
5	64QAM	1	24	18.91	19.00	18.71	
5	64QAM	12	0	18.98	19.11	18.96	19.5
5	64QAM	12	7	19.10	19.06	18.98	
5	64QAM	12	13	18.84	19.22	18.97	
5	64QAM	25	0	18.84	19.12	18.82	
5	256QAM	1	0	18.99	19.03	19.04	19.5
5	256QAM	1	12	18.64	19.03	18.88	
5	256QAM	1	24	18.57	18.92	18.76	
5	256QAM	12	0	18.78	18.82	18.73	19.5
5	256QAM	12	7	18.62	18.99	18.65	
5	256QAM	12	13	18.55	18.83	18.79	
5	256QAM	25	0	18.54	18.84	18.78	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.14	19.38	18.96	19.5
3	QPSK	1	8	18.89	19.37	18.85	
3	QPSK	1	14	18.89	19.35	18.98	
3	QPSK	8	0	19.04	19.29	18.95	19.5
3	QPSK	8	4	19.03	19.21	19.02	
3	QPSK	8	7	18.88	19.26	18.92	
3	QPSK	15	0	18.87	19.22	18.92	
3	16QAM	1	0	18.89	19.07	18.69	19.5
3	16QAM	1	8	19.08	19.29	18.76	
3	16QAM	1	14	18.82	19.38	18.96	
3	16QAM	8	0	18.94	19.28	18.78	19.5
3	16QAM	8	4	19.05	19.14	18.80	
3	16QAM	8	7	18.82	19.21	18.78	
3	16QAM	15	0	18.83	19.24	18.94	
3	64QAM	1	0	19.07	19.25	18.89	19.5
3	64QAM	1	8	18.85	19.25	18.94	
3	64QAM	1	14	18.97	19.13	18.81	
3	64QAM	8	0	18.97	19.16	18.82	19.5
3	64QAM	8	4	19.10	19.23	19.02	
3	64QAM	8	7	18.78	19.24	18.88	
3	64QAM	15	0	18.98	19.29	18.75	
3	256QAM	1	0	18.90	19.02	19.07	19.5
3	256QAM	1	8	18.58	19.08	18.88	
3	256QAM	1	14	18.64	19.04	18.82	
3	256QAM	8	0	18.78	18.85	18.82	19.5
3	256QAM	8	4	18.70	18.86	18.66	
3	256QAM	8	7	18.67	19.02	18.75	
3	256QAM	15	0	18.52	18.92	18.80	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.13	19.36	18.93	19.5
1.4	QPSK	1	3	18.82	19.39	18.98	
1.4	QPSK	1	5	19.08	19.35	19.05	
1.4	QPSK	3	0	18.93	19.32	19.07	
1.4	QPSK	3	1	18.89	19.21	19.04	
1.4	QPSK	3	3	18.94	19.22	18.86	
1.4	QPSK	6	0	19.04	19.18	18.84	19.5
1.4	16QAM	1	0	18.89	19.19	18.72	19.5
1.4	16QAM	1	3	19.08	19.21	18.79	
1.4	16QAM	1	5	18.93	19.39	18.95	
1.4	16QAM	3	0	19.03	19.25	18.93	
1.4	16QAM	3	1	18.95	19.30	18.89	
1.4	16QAM	3	3	18.96	19.26	18.90	
1.4	16QAM	6	0	18.94	19.23	18.78	19.5
1.4	64QAM	1	0	19.11	19.08	18.96	19.5
1.4	64QAM	1	3	18.96	19.09	18.95	
1.4	64QAM	1	5	19.00	19.06	18.87	
1.4	64QAM	3	0	18.85	19.11	18.82	
1.4	64QAM	3	1	18.95	19.12	19.00	
1.4	64QAM	3	3	18.89	19.37	18.94	
1.4	64QAM	6	0	18.84	19.19	18.78	19.5
1.4	256QAM	1	0	18.87	19.02	18.96	19.5
1.4	256QAM	1	3	18.57	19.05	18.90	
1.4	256QAM	1	5	18.65	19.02	18.86	
1.4	256QAM	3	0	18.81	18.87	18.69	
1.4	256QAM	3	1	18.71	18.93	18.67	
1.4	256QAM	3	3	18.63	18.85	18.63	
1.4	256QAM	6	0	18.53	19.01	18.82	19.5

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.20	20.48	20.11	21.7
20	QPSK	1	49	20.03	20.47	20.05	
20	QPSK	1	99	20.10	20.39	20.10	
20	QPSK	50	0	20.12	20.44	20.11	21.7
20	QPSK	50	24	20.10	20.43	20.10	
20	QPSK	50	50	20.10	20.36	20.06	
20	QPSK	100	0	20.10	20.32	20.04	
20	16QAM	1	0	20.07	20.35	19.98	21.7
20	16QAM	1	49	20.17	20.41	19.92	
20	16QAM	1	99	20.03	20.46	20.05	
20	16QAM	50	0	20.19	20.42	20.03	21.7
20	16QAM	50	24	20.08	20.37	20.02	
20	16QAM	50	50	20.00	20.40	19.94	
20	16QAM	100	0	20.03	20.46	20.05	
20	64QAM	1	0	20.20	20.37	20.10	21.7
20	64QAM	1	49	20.08	20.36	19.96	
20	64QAM	1	99	20.12	20.28	19.96	
20	64QAM	50	0	20.01	20.35	20.07	21.7
20	64QAM	50	24	20.18	20.30	20.05	
20	64QAM	50	50	20.06	20.46	20.03	
20	64QAM	100	0	20.03	20.30	20.04	
20	256QAM	1	0	19.07	19.63	19.25	20.7
20	256QAM	1	49	18.77	19.57	19.13	
20	256QAM	1	99	18.76	19.36	18.90	
20	256QAM	50	0	18.83	19.46	18.89	20.7
20	256QAM	50	24	18.76	19.37	18.90	
20	256QAM	50	50	18.77	19.35	18.90	
20	256QAM	100	0	18.71	19.42	18.94	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.00	20.29	20.09	21.7
15	QPSK	1	37	19.91	20.40	20.03	
15	QPSK	1	74	20.02	20.21	19.94	
15	QPSK	36	0	20.00	20.32	20.06	21.7
15	QPSK	36	20	19.91	20.34	19.97	
15	QPSK	36	39	19.96	20.17	19.92	
15	QPSK	75	0	19.96	20.32	19.86	
15	16QAM	1	0	19.96	20.26	19.85	21.7
15	16QAM	1	37	19.97	20.25	19.83	
15	16QAM	1	74	19.98	20.29	20.02	
15	16QAM	36	0	19.99	20.29	19.85	21.7
15	16QAM	36	20	20.00	20.35	19.84	
15	16QAM	36	39	19.80	20.21	19.79	
15	16QAM	75	0	19.88	20.42	19.93	
15	64QAM	1	0	20.00	20.18	19.93	21.7
15	64QAM	1	37	20.08	20.25	19.95	
15	64QAM	1	74	20.12	20.22	19.91	
15	64QAM	36	0	19.97	20.28	20.06	21.7
15	64QAM	36	20	20.03	20.22	19.97	
15	64QAM	36	39	20.06	20.34	20.01	
15	64QAM	75	0	19.91	20.13	19.89	
15	256QAM	1	0	18.93	19.62	19.21	20.7
15	256QAM	1	37	18.73	19.55	18.97	
15	256QAM	1	74	18.76	19.27	18.78	
15	256QAM	36	0	18.73	19.27	18.88	20.7
15	256QAM	36	20	18.83	19.24	18.82	
15	256QAM	36	39	18.70	19.25	18.87	

15	256QAM	75	0	18.89	19.42	18.86	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.10	20.29	20.08	21.7
10	QPSK	1	25	20.02	20.27	19.89	
10	QPSK	1	49	20.07	20.26	20.04	
10	QPSK	25	0	19.95	20.35	20.03	21.7
10	QPSK	25	12	20.05	20.26	20.06	
10	QPSK	25	25	19.90	20.19	19.90	
10	QPSK	50	0	19.94	20.25	19.89	
10	16QAM	1	0	20.06	20.29	19.80	21.7
10	16QAM	1	25	20.13	20.29	19.79	
10	16QAM	1	49	19.86	20.38	19.86	
10	16QAM	25	0	20.10	20.24	19.96	21.7
10	16QAM	25	12	19.98	20.19	19.95	
10	16QAM	25	25	19.98	20.25	19.86	
10	16QAM	50	0	19.87	20.36	19.95	
10	64QAM	1	0	20.13	20.26	19.99	21.7
10	64QAM	1	25	20.05	20.27	19.93	
10	64QAM	1	49	19.99	20.26	19.87	
10	64QAM	25	0	19.89	20.16	19.91	21.7
10	64QAM	25	12	20.14	20.25	19.95	
10	64QAM	25	25	20.01	20.29	19.98	
10	64QAM	50	0	19.83	20.12	19.91	
10	256QAM	1	0	19.07	19.47	19.19	20.7
10	256QAM	1	25	18.82	19.56	18.95	
10	256QAM	1	49	18.74	19.24	18.73	
10	256QAM	25	0	18.76	19.42	18.83	20.7
10	256QAM	25	12	18.86	19.19	18.73	
10	256QAM	25	25	18.72	19.33	18.85	
10	256QAM	50	0	18.81	19.31	18.77	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	20.14	20.40	19.95	21.7
5	QPSK	1	12	20.00	20.38	19.95	
5	QPSK	1	24	20.07	20.21	20.09	
5	QPSK	12	0	20.08	20.25	20.05	21.7
5	QPSK	12	7	20.06	20.31	20.00	
5	QPSK	12	13	20.00	20.22	20.06	
5	QPSK	25	0	20.05	20.26	20.00	
5	16QAM	1	0	20.04	20.30	19.92	21.7
5	16QAM	1	12	20.06	20.39	19.75	
5	16QAM	1	24	19.97	20.27	19.86	
5	16QAM	12	0	20.01	20.39	19.93	21.7
5	16QAM	12	7	19.92	20.31	19.94	
5	16QAM	12	13	19.98	20.40	19.90	
5	16QAM	25	0	19.93	20.36	19.95	
5	64QAM	1	0	20.00	20.32	19.95	21.7
5	64QAM	1	12	20.03	20.34	19.96	
5	64QAM	1	24	19.99	20.22	19.77	
5	64QAM	12	0	20.01	20.26	19.95	21.7
5	64QAM	12	7	20.09	20.27	19.91	
5	64QAM	12	13	19.92	20.31	19.86	
5	64QAM	25	0	19.84	20.26	19.86	
5	256QAM	1	0	18.89	19.57	19.05	20.7
5	256QAM	1	12	18.88	19.40	18.93	
5	256QAM	1	24	18.86	19.29	18.72	
5	256QAM	12	0	18.84	19.42	18.81	20.7
5	256QAM	12	7	18.85	19.28	18.84	
5	256QAM	12	13	18.70	19.15	18.84	
5	256QAM	25	0	18.72	19.25	18.82	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	20.03	20.48	20.00	21.7
3	QPSK	1	8	19.92	20.42	20.01	
3	QPSK	1	14	20.02	20.35	19.97	
3	QPSK	8	0	19.95	20.42	19.98	21.7
3	QPSK	8	4	20.02	20.31	19.92	
3	QPSK	8	7	19.96	20.29	19.88	
3	QPSK	15	0	19.91	20.17	19.88	
3	16QAM	1	0	20.06	20.20	19.78	21.7
3	16QAM	1	8	20.12	20.23	19.76	
3	16QAM	1	14	19.92	20.29	19.89	
3	16QAM	8	0	20.01	20.30	19.84	21.7
3	16QAM	8	4	19.95	20.37	19.89	
3	16QAM	8	7	19.98	20.35	19.87	
3	16QAM	15	0	19.90	20.35	19.96	
3	64QAM	1	0	20.14	20.24	20.02	21.7
3	64QAM	1	8	20.05	20.20	19.86	
3	64QAM	1	14	20.02	20.10	19.93	
3	64QAM	8	0	19.81	20.19	19.89	21.7
3	64QAM	8	4	20.04	20.13	19.92	
3	64QAM	8	7	19.92	20.40	19.96	
3	64QAM	15	0	20.00	20.23	19.98	
3	256QAM	1	0	18.96	19.61	19.22	20.7
3	256QAM	1	8	18.80	19.41	19.03	
3	256QAM	1	14	18.83	19.29	18.83	
3	256QAM	8	0	18.82	19.42	18.75	20.7
3	256QAM	8	4	18.80	19.20	18.74	
3	256QAM	8	7	18.86	19.30	18.86	
3	256QAM	15	0	18.71	19.31	18.78	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.20	20.30	20.06	21.7
1.4	QPSK	1	3	19.86	20.34	19.93	
1.4	QPSK	1	5	19.99	20.32	19.96	
1.4	QPSK	3	0	19.92	20.24	20.10	
1.4	QPSK	3	1	19.94	20.28	20.09	
1.4	QPSK	3	3	19.90	20.36	20.05	
1.4	QPSK	6	0	20.01	20.25	19.99	21.7
1.4	16QAM	1	0	19.89	20.27	19.92	21.7
1.4	16QAM	1	3	19.98	20.22	19.84	
1.4	16QAM	1	5	19.84	20.44	19.99	
1.4	16QAM	3	0	20.07	20.23	19.93	
1.4	16QAM	3	1	19.97	20.31	19.89	
1.4	16QAM	3	3	19.84	20.24	19.78	
1.4	16QAM	6	0	20.00	20.38	19.98	21.7
1.4	64QAM	1	0	20.20	20.17	20.02	21.7
1.4	64QAM	1	3	20.02	20.30	19.87	
1.4	64QAM	1	5	20.00	20.18	19.90	
1.4	64QAM	3	0	19.82	20.31	19.93	
1.4	64QAM	3	1	20.04	20.26	19.88	
1.4	64QAM	3	3	19.93	20.34	19.98	
1.4	64QAM	6	0	19.86	20.19	19.85	21.7
1.4	256QAM	1	0	18.90	19.56	19.21	20.7
1.4	256QAM	1	3	18.84	19.53	19.09	
1.4	256QAM	1	5	18.72	19.26	18.88	
1.4	256QAM	3	0	18.89	19.40	18.76	
1.4	256QAM	3	1	18.79	19.20	18.84	
1.4	256QAM	3	3	18.81	19.29	18.82	
1.4	256QAM	6	0	18.80	19.26	18.84	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	20.20	20.48	20.11	20.9
20	QPSK	1	49	20.03	20.47	20.05	
20	QPSK	1	99	20.10	20.39	20.10	
20	QPSK	50	0	20.12	20.44	20.11	20.9
20	QPSK	50	24	20.10	20.43	20.10	
20	QPSK	50	50	20.10	20.36	20.06	
20	QPSK	100	0	20.10	20.32	20.04	
20	16QAM	1	0	20.07	20.35	19.98	20.9
20	16QAM	1	49	20.17	20.41	19.92	
20	16QAM	1	99	20.03	20.46	20.05	
20	16QAM	50	0	20.19	20.42	20.03	20.9
20	16QAM	50	24	20.08	20.37	20.02	
20	16QAM	50	50	20.00	20.40	19.94	
20	16QAM	100	0	20.03	20.46	20.05	
20	64QAM	1	0	20.20	20.37	20.10	20.9
20	64QAM	1	49	20.08	20.36	19.96	
20	64QAM	1	99	20.12	20.28	19.96	
20	64QAM	50	0	20.01	20.35	20.07	20.9
20	64QAM	50	24	20.18	20.30	20.05	
20	64QAM	50	50	20.06	20.46	20.03	
20	64QAM	100	0	20.03	20.30	20.04	
20	256QAM	1	0	19.07	19.63	19.25	20.7
20	256QAM	1	49	18.77	19.57	19.13	
20	256QAM	1	99	18.76	19.36	18.90	
20	256QAM	50	0	18.83	19.46	18.89	20.7
20	256QAM	50	24	18.76	19.37	18.90	
20	256QAM	50	50	18.77	19.35	18.90	
20	256QAM	100	0	18.71	19.42	18.94	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	20.00	20.29	20.09	20.9
15	QPSK	1	37	19.91	20.40	20.03	
15	QPSK	1	74	20.02	20.21	19.94	
15	QPSK	36	0	20.00	20.32	20.06	20.9
15	QPSK	36	20	19.91	20.34	19.97	
15	QPSK	36	39	19.96	20.17	19.92	
15	QPSK	75	0	19.96	20.32	19.86	
15	16QAM	1	0	19.96	20.26	19.85	20.9
15	16QAM	1	37	19.97	20.25	19.83	
15	16QAM	1	74	19.98	20.29	20.02	
15	16QAM	36	0	19.99	20.29	19.85	20.9
15	16QAM	36	20	20.00	20.35	19.84	
15	16QAM	36	39	19.80	20.21	19.79	
15	16QAM	75	0	19.88	20.42	19.93	
15	64QAM	1	0	20.00	20.18	19.93	20.9
15	64QAM	1	37	20.08	20.25	19.95	
15	64QAM	1	74	20.12	20.22	19.91	
15	64QAM	36	0	19.97	20.28	20.06	20.9
15	64QAM	36	20	20.03	20.22	19.97	
15	64QAM	36	39	20.06	20.34	20.01	
15	64QAM	75	0	19.91	20.13	19.89	
15	256QAM	1	0	18.93	19.62	19.21	20.7
15	256QAM	1	37	18.73	19.55	18.97	
15	256QAM	1	74	18.76	19.27	18.78	
15	256QAM	36	0	18.73	19.27	18.88	20.7
15	256QAM	36	20	18.83	19.24	18.82	
15	256QAM	36	39	18.70	19.25	18.87	

15	256QAM	75	0	18.89	19.42	18.86	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.10	20.29	20.08	20.9
10	QPSK	1	25	20.02	20.27	19.89	
10	QPSK	1	49	20.07	20.26	20.04	
10	QPSK	25	0	19.95	20.35	20.03	20.9
10	QPSK	25	12	20.05	20.26	20.06	
10	QPSK	25	25	19.90	20.19	19.90	
10	QPSK	50	0	19.94	20.25	19.89	
10	16QAM	1	0	20.06	20.29	19.80	20.9
10	16QAM	1	25	20.13	20.29	19.79	
10	16QAM	1	49	19.86	20.38	19.86	
10	16QAM	25	0	20.10	20.24	19.96	20.9
10	16QAM	25	12	19.98	20.19	19.95	
10	16QAM	25	25	19.98	20.25	19.86	
10	16QAM	50	0	19.87	20.36	19.95	
10	64QAM	1	0	20.13	20.26	19.99	20.9
10	64QAM	1	25	20.05	20.27	19.93	
10	64QAM	1	49	19.99	20.26	19.87	
10	64QAM	25	0	19.89	20.16	19.91	20.9
10	64QAM	25	12	20.14	20.25	19.95	
10	64QAM	25	25	20.01	20.29	19.98	
10	64QAM	50	0	19.83	20.12	19.91	
10	256QAM	1	0	19.07	19.47	19.19	20.7
10	256QAM	1	25	18.82	19.56	18.95	
10	256QAM	1	49	18.74	19.24	18.73	
10	256QAM	25	0	18.76	19.42	18.83	20.7
10	256QAM	25	12	18.86	19.19	18.73	
10	256QAM	25	25	18.72	19.33	18.85	
10	256QAM	50	0	18.81	19.31	18.77	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	20.14	20.40	19.95	20.9
5	QPSK	1	12	20.00	20.38	19.95	
5	QPSK	1	24	20.07	20.21	20.09	
5	QPSK	12	0	20.08	20.25	20.05	20.9
5	QPSK	12	7	20.06	20.31	20.00	
5	QPSK	12	13	20.00	20.22	20.06	
5	QPSK	25	0	20.05	20.26	20.00	
5	16QAM	1	0	20.04	20.30	19.92	20.9
5	16QAM	1	12	20.06	20.39	19.75	
5	16QAM	1	24	19.97	20.27	19.86	
5	16QAM	12	0	20.01	20.39	19.93	20.9
5	16QAM	12	7	19.92	20.31	19.94	
5	16QAM	12	13	19.98	20.40	19.90	
5	16QAM	25	0	19.93	20.36	19.95	
5	64QAM	1	0	20.00	20.32	19.95	20.9
5	64QAM	1	12	20.03	20.34	19.96	
5	64QAM	1	24	19.99	20.22	19.77	
5	64QAM	12	0	20.01	20.26	19.95	20.9
5	64QAM	12	7	20.09	20.27	19.91	
5	64QAM	12	13	19.92	20.31	19.86	
5	64QAM	25	0	19.84	20.26	19.86	
5	256QAM	1	0	18.89	19.57	19.05	20.7
5	256QAM	1	12	18.88	19.40	18.93	
5	256QAM	1	24	18.86	19.29	18.72	
5	256QAM	12	0	18.84	19.42	18.81	20.7
5	256QAM	12	7	18.85	19.28	18.84	
5	256QAM	12	13	18.70	19.15	18.84	
5	256QAM	25	0	18.72	19.25	18.82	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	20.03	20.48	20.00	20.9
3	QPSK	1	8	19.92	20.42	20.01	
3	QPSK	1	14	20.02	20.35	19.97	
3	QPSK	8	0	19.95	20.42	19.98	20.9
3	QPSK	8	4	20.02	20.31	19.92	
3	QPSK	8	7	19.96	20.29	19.88	
3	QPSK	15	0	19.91	20.17	19.88	
3	16QAM	1	0	20.06	20.20	19.78	20.9
3	16QAM	1	8	20.12	20.23	19.76	
3	16QAM	1	14	19.92	20.29	19.89	
3	16QAM	8	0	20.01	20.30	19.84	20.9
3	16QAM	8	4	19.95	20.37	19.89	
3	16QAM	8	7	19.98	20.35	19.87	
3	16QAM	15	0	19.90	20.35	19.96	
3	64QAM	1	0	20.14	20.24	20.02	20.9
3	64QAM	1	8	20.05	20.20	19.86	
3	64QAM	1	14	20.02	20.10	19.93	
3	64QAM	8	0	19.81	20.19	19.89	20.9
3	64QAM	8	4	20.04	20.13	19.92	
3	64QAM	8	7	19.92	20.40	19.96	
3	64QAM	15	0	20.00	20.23	19.98	
3	256QAM	1	0	18.96	19.61	19.22	20.7
3	256QAM	1	8	18.80	19.41	19.03	
3	256QAM	1	14	18.83	19.29	18.83	
3	256QAM	8	0	18.82	19.42	18.75	20.7
3	256QAM	8	4	18.80	19.20	18.74	
3	256QAM	8	7	18.86	19.30	18.86	
3	256QAM	15	0	18.71	19.31	18.78	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.20	20.30	20.06	20.9
1.4	QPSK	1	3	19.86	20.34	19.93	
1.4	QPSK	1	5	19.99	20.32	19.96	
1.4	QPSK	3	0	19.92	20.24	20.10	
1.4	QPSK	3	1	19.94	20.28	20.09	
1.4	QPSK	3	3	19.90	20.36	20.05	
1.4	QPSK	6	0	20.01	20.25	19.99	20.9
1.4	16QAM	1	0	19.89	20.27	19.92	20.9
1.4	16QAM	1	3	19.98	20.22	19.84	
1.4	16QAM	1	5	19.84	20.44	19.99	
1.4	16QAM	3	0	20.07	20.23	19.93	
1.4	16QAM	3	1	19.97	20.31	19.89	
1.4	16QAM	3	3	19.84	20.24	19.78	
1.4	16QAM	6	0	20.00	20.38	19.98	20.9
1.4	64QAM	1	0	20.20	20.17	20.02	20.9
1.4	64QAM	1	3	20.02	20.30	19.87	
1.4	64QAM	1	5	20.00	20.18	19.90	
1.4	64QAM	3	0	19.82	20.31	19.93	
1.4	64QAM	3	1	20.04	20.26	19.88	
1.4	64QAM	3	3	19.93	20.34	19.98	
1.4	64QAM	6	0	19.86	20.19	19.85	20.9
1.4	256QAM	1	0	18.90	19.56	19.21	20.7
1.4	256QAM	1	3	18.84	19.53	19.09	
1.4	256QAM	1	5	18.72	19.26	18.88	
1.4	256QAM	3	0	18.89	19.40	18.76	
1.4	256QAM	3	1	18.79	19.20	18.84	
1.4	256QAM	3	3	18.81	19.29	18.82	
1.4	256QAM	6	0	18.80	19.26	18.84	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.38	24.77	24.46	25.7
20	QPSK	1	49	24.23	24.48	24.29	
20	QPSK	1	99	24.24	24.13	24.28	
20	QPSK	50	0	23.31	23.53	23.39	24.7
20	QPSK	50	24	23.23	23.41	23.29	
20	QPSK	50	50	23.27	23.25	23.20	
20	QPSK	100	0	23.26	23.40	23.30	
20	16QAM	1	0	23.51	23.97	23.48	24.7
20	16QAM	1	49	23.53	23.52	23.42	
20	16QAM	1	99	23.47	23.35	23.65	
20	16QAM	50	0	22.25	22.56	22.19	23.7
20	16QAM	50	24	22.34	22.43	22.25	
20	16QAM	50	50	22.33	22.27	22.37	
20	16QAM	100	0	22.28	22.38	22.25	
20	64QAM	1	0	22.37	22.81	22.28	23.7
20	64QAM	1	49	22.55	22.66	22.28	
20	64QAM	1	99	22.54	22.33	22.43	
20	64QAM	50	0	21.30	21.58	21.24	22.7
20	64QAM	50	24	21.37	21.44	21.30	
20	64QAM	50	50	21.35	21.29	21.39	
20	64QAM	100	0	21.32	21.42	21.27	
20	256QAM	1	0	19.46	19.82	19.41	20.7
20	256QAM	1	49	19.12	19.50	19.04	
20	256QAM	1	99	18.89	19.32	18.85	
20	256QAM	50	0	19.16	19.60	19.14	20.7
20	256QAM	50	24	19.05	19.46	19.03	
20	256QAM	50	50	18.90	19.33	18.83	
20	256QAM	100	0	19.07	19.43	18.99	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.32	24.68	24.42	25.7
15	QPSK	1	37	24.19	24.38	24.14	
15	QPSK	1	74	24.11	24.03	24.08	
15	QPSK	36	0	23.23	23.47	23.30	24.7
15	QPSK	36	20	23.23	23.32	23.29	
15	QPSK	36	39	23.08	23.18	23.20	
15	QPSK	75	0	23.24	23.28	23.24	
15	16QAM	1	0	23.37	23.84	23.37	24.7
15	16QAM	1	37	23.46	23.32	23.40	
15	16QAM	1	74	23.30	23.25	23.54	
15	16QAM	36	0	22.11	22.52	21.99	23.7
15	16QAM	36	20	22.23	22.24	22.25	
15	16QAM	36	39	22.16	22.22	22.34	
15	16QAM	75	0	22.14	22.30	22.08	
15	64QAM	1	0	22.24	22.79	22.19	23.7
15	64QAM	1	37	22.35	22.65	22.19	
15	64QAM	1	74	22.51	22.24	22.25	
15	64QAM	36	0	21.15	21.50	21.17	22.7
15	64QAM	36	20	21.25	21.25	21.30	
15	64QAM	36	39	21.26	21.26	21.34	
15	64QAM	75	0	21.29	21.22	21.07	
15	256QAM	1	0	19.37	19.67	19.28	20.7
15	256QAM	1	37	19.08	19.46	19.00	
15	256QAM	1	74	18.83	19.19	18.76	
15	256QAM	36	0	19.11	19.50	19.07	20.7
15	256QAM	36	20	18.96	19.37	18.84	
15	256QAM	36	39	18.80	19.23	18.76	

15	256QAM	75	0	18.99	19.25	18.81	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.37	24.75	24.38	25.7
10	QPSK	1	25	24.21	24.39	24.18	
10	QPSK	1	49	24.04	23.97	24.13	
10	QPSK	25	0	23.16	23.41	23.25	24.7
10	QPSK	25	12	23.22	23.23	23.21	
10	QPSK	25	25	23.20	23.23	23.09	
10	QPSK	50	0	23.09	23.23	23.14	
10	16QAM	1	0	23.32	23.88	23.36	24.7
10	16QAM	1	25	23.43	23.34	23.23	
10	16QAM	1	49	23.43	23.28	23.48	
10	16QAM	25	0	22.09	22.50	22.05	23.7
10	16QAM	25	12	22.28	22.37	22.06	
10	16QAM	25	25	22.15	22.24	22.30	
10	16QAM	50	0	22.23	22.19	22.18	
10	64QAM	1	0	22.25	22.77	22.10	23.7
10	64QAM	1	25	22.43	22.63	22.26	
10	64QAM	1	49	22.40	22.21	22.34	
10	64QAM	25	0	21.10	21.57	21.20	22.7
10	64QAM	25	12	21.27	21.34	21.15	
10	64QAM	25	25	21.33	21.23	21.35	
10	64QAM	50	0	21.16	21.32	21.25	
10	256QAM	1	0	19.35	19.78	19.21	20.7
10	256QAM	1	25	18.93	19.42	18.95	
10	256QAM	1	49	18.73	19.26	18.83	
10	256QAM	25	0	19.13	19.45	19.10	20.7
10	256QAM	25	12	18.99	19.33	19.00	
10	256QAM	25	25	18.86	19.14	18.72	
10	256QAM	50	0	19.05	19.35	18.87	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.30	24.63	24.37	25.7
5	QPSK	1	12	24.21	24.40	24.11	
5	QPSK	1	24	24.14	23.96	24.08	
5	QPSK	12	0	23.31	23.47	23.19	24.7
5	QPSK	12	7	23.09	23.36	23.24	
5	QPSK	12	13	23.15	23.09	23.05	
5	QPSK	25	0	23.24	23.22	23.29	
5	16QAM	1	0	23.38	23.96	23.47	24.7
5	16QAM	1	12	23.42	23.35	23.31	
5	16QAM	1	24	23.30	23.16	23.63	
5	16QAM	12	0	22.22	22.45	22.03	23.7
5	16QAM	12	7	22.26	22.27	22.18	
5	16QAM	12	13	22.17	22.13	22.24	
5	16QAM	25	0	22.16	22.23	22.21	
5	64QAM	1	0	22.35	22.81	22.20	23.7
5	64QAM	1	12	22.54	22.57	22.14	
5	64QAM	1	24	22.43	22.30	22.31	
5	64QAM	12	0	21.17	21.43	21.09	22.7
5	64QAM	12	7	21.36	21.44	21.27	
5	64QAM	12	13	21.26	21.12	21.26	
5	64QAM	25	0	21.29	21.37	21.24	
5	256QAM	1	0	19.36	19.63	19.34	20.7
5	256QAM	1	12	18.95	19.38	18.97	
5	256QAM	1	24	18.83	19.32	18.70	
5	256QAM	12	0	19.10	19.57	19.14	20.7
5	256QAM	12	7	18.92	19.32	18.93	
5	256QAM	12	13	18.73	19.14	18.77	
5	256QAM	25	0	19.07	19.37	18.97	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.25	24.61	24.29	25.7
3	QPSK	1	8	24.16	24.32	24.11	
3	QPSK	1	14	24.19	24.12	24.20	
3	QPSK	8	0	23.11	23.40	23.34	24.7
3	QPSK	8	4	23.14	23.22	23.10	
3	QPSK	8	7	23.13	23.08	23.20	
3	QPSK	15	0	23.19	23.33	23.28	
3	16QAM	1	0	23.31	23.90	23.47	24.7
3	16QAM	1	8	23.53	23.39	23.41	
3	16QAM	1	14	23.27	23.20	23.53	
3	16QAM	8	0	22.07	22.49	22.05	23.7
3	16QAM	8	4	22.17	22.29	22.22	
3	16QAM	8	7	22.20	22.18	22.36	
3	16QAM	15	0	22.27	22.20	22.11	
3	64QAM	1	0	22.27	22.77	22.28	23.7
3	64QAM	1	8	22.42	22.59	22.18	
3	64QAM	1	14	22.43	22.24	22.32	
3	64QAM	8	0	21.10	21.44	21.20	22.7
3	64QAM	8	4	21.26	21.38	21.18	
3	64QAM	8	7	21.17	21.09	21.21	
3	64QAM	15	0	21.14	21.31	21.18	
3	256QAM	1	0	19.36	19.80	19.26	20.7
3	256QAM	1	8	18.97	19.45	18.98	
3	256QAM	1	14	18.75	19.14	18.70	
3	256QAM	8	0	19.13	19.50	19.03	20.7
3	256QAM	8	4	18.96	19.42	18.96	
3	256QAM	8	7	18.79	19.23	18.79	
3	256QAM	15	0	18.99	19.35	18.86	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.27	24.71	24.33	25.7
1.4	QPSK	1	3	24.13	24.41	24.18	
1.4	QPSK	1	5	24.23	24.01	24.08	
1.4	QPSK	3	0	24.37	24.65	24.46	
1.4	QPSK	3	1	24.04	24.30	24.16	
1.4	QPSK	3	3	24.21	23.96	24.12	
1.4	QPSK	6	0	23.27	23.43	23.25	24.7
1.4	16QAM	1	0	23.11	23.32	23.11	24.7
1.4	16QAM	1	3	23.09	23.06	23.15	
1.4	16QAM	1	5	23.07	23.29	23.23	
1.4	16QAM	3	0	23.49	23.81	23.38	
1.4	16QAM	3	1	23.35	23.32	23.42	
1.4	16QAM	3	3	23.31	23.20	23.60	
1.4	16QAM	6	0	22.12	22.48	21.99	23.7
1.4	64QAM	1	0	22.14	22.41	22.09	23.7
1.4	64QAM	1	3	22.24	22.26	22.31	
1.4	64QAM	1	5	22.18	22.18	22.07	
1.4	64QAM	3	0	22.21	22.75	22.16	
1.4	64QAM	3	1	22.53	22.50	22.20	
1.4	64QAM	3	3	22.44	22.18	22.40	
1.4	64QAM	6	0	21.17	21.49	21.23	22.7
1.4	256QAM	1	0	19.39	19.74	19.23	20.7
1.4	256QAM	1	3	19.08	19.35	19.00	
1.4	256QAM	1	5	18.70	19.30	18.84	
1.4	256QAM	3	0	18.97	19.54	19.00	
1.4	256QAM	3	1	19.01	19.35	18.95	
1.4	256QAM	3	3	18.84	19.30	18.73	
1.4	256QAM	6	0	18.93	19.35	18.94	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.38	24.77	24.46	25.7
20	QPSK	1	49	24.23	24.48	24.29	
20	QPSK	1	99	24.24	24.13	24.28	
20	QPSK	50	0	23.31	23.53	23.39	24.7
20	QPSK	50	24	23.23	23.41	23.29	
20	QPSK	50	50	23.27	23.25	23.20	
20	QPSK	100	0	23.26	23.40	23.30	
20	16QAM	1	0	23.51	23.97	23.48	24.7
20	16QAM	1	49	23.53	23.52	23.42	
20	16QAM	1	99	23.47	23.35	23.65	
20	16QAM	50	0	22.25	22.56	22.19	23.7
20	16QAM	50	24	22.34	22.43	22.25	
20	16QAM	50	50	22.33	22.27	22.37	
20	16QAM	100	0	22.28	22.38	22.25	
20	64QAM	1	0	22.37	22.81	22.28	23.7
20	64QAM	1	49	22.55	22.66	22.28	
20	64QAM	1	99	22.54	22.33	22.43	
20	64QAM	50	0	21.30	21.58	21.24	22.7
20	64QAM	50	24	21.37	21.44	21.30	
20	64QAM	50	50	21.35	21.29	21.39	
20	64QAM	100	0	21.32	21.42	21.27	
20	256QAM	1	0	19.46	19.82	19.41	20.7
20	256QAM	1	49	19.12	19.50	19.04	
20	256QAM	1	99	18.89	19.32	18.85	
20	256QAM	50	0	19.16	19.60	19.14	20.7
20	256QAM	50	24	19.05	19.46	19.03	
20	256QAM	50	50	18.90	19.33	18.83	
20	256QAM	100	0	19.07	19.43	18.99	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.32	24.68	24.42	25.7
15	QPSK	1	37	24.19	24.38	24.14	
15	QPSK	1	74	24.11	24.03	24.08	
15	QPSK	36	0	23.23	23.47	23.30	24.7
15	QPSK	36	20	23.23	23.32	23.29	
15	QPSK	36	39	23.08	23.18	23.20	
15	QPSK	75	0	23.24	23.28	23.24	
15	16QAM	1	0	23.37	23.84	23.37	24.7
15	16QAM	1	37	23.46	23.32	23.40	
15	16QAM	1	74	23.30	23.25	23.54	
15	16QAM	36	0	22.11	22.52	21.99	23.7
15	16QAM	36	20	22.23	22.24	22.25	
15	16QAM	36	39	22.16	22.22	22.34	
15	16QAM	75	0	22.14	22.30	22.08	
15	64QAM	1	0	22.24	22.79	22.19	23.7
15	64QAM	1	37	22.35	22.65	22.19	
15	64QAM	1	74	22.51	22.24	22.25	
15	64QAM	36	0	21.15	21.50	21.17	22.7
15	64QAM	36	20	21.25	21.25	21.30	
15	64QAM	36	39	21.26	21.26	21.34	
15	64QAM	75	0	21.29	21.22	21.07	
15	256QAM	1	0	19.37	19.67	19.28	20.7
15	256QAM	1	37	19.08	19.46	19.00	
15	256QAM	1	74	18.83	19.19	18.76	
15	256QAM	36	0	19.11	19.50	19.07	20.7
15	256QAM	36	20	18.96	19.37	18.84	
15	256QAM	36	39	18.80	19.23	18.76	

15	256QAM	75	0	18.99	19.25	18.81	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.37	24.75	24.38	25.7
10	QPSK	1	25	24.21	24.39	24.18	
10	QPSK	1	49	24.04	23.97	24.13	
10	QPSK	25	0	23.16	23.41	23.25	24.7
10	QPSK	25	12	23.22	23.23	23.21	
10	QPSK	25	25	23.20	23.23	23.09	
10	QPSK	50	0	23.09	23.23	23.14	
10	16QAM	1	0	23.32	23.88	23.36	24.7
10	16QAM	1	25	23.43	23.34	23.23	
10	16QAM	1	49	23.43	23.28	23.48	
10	16QAM	25	0	22.09	22.50	22.05	23.7
10	16QAM	25	12	22.28	22.37	22.06	
10	16QAM	25	25	22.15	22.24	22.30	
10	16QAM	50	0	22.23	22.19	22.18	
10	64QAM	1	0	22.25	22.77	22.10	23.7
10	64QAM	1	25	22.43	22.63	22.26	
10	64QAM	1	49	22.40	22.21	22.34	
10	64QAM	25	0	21.10	21.57	21.20	22.7
10	64QAM	25	12	21.27	21.34	21.15	
10	64QAM	25	25	21.33	21.23	21.35	
10	64QAM	50	0	21.16	21.32	21.25	
10	256QAM	1	0	19.35	19.78	19.21	20.7
10	256QAM	1	25	18.93	19.42	18.95	
10	256QAM	1	49	18.73	19.26	18.83	
10	256QAM	25	0	19.13	19.45	19.10	20.7
10	256QAM	25	12	18.99	19.33	19.00	
10	256QAM	25	25	18.86	19.14	18.72	
10	256QAM	50	0	19.05	19.35	18.87	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.30	24.63	24.37	25.7
5	QPSK	1	12	24.21	24.40	24.11	
5	QPSK	1	24	24.14	23.96	24.08	
5	QPSK	12	0	23.31	23.47	23.19	24.7
5	QPSK	12	7	23.09	23.36	23.24	
5	QPSK	12	13	23.15	23.09	23.05	
5	QPSK	25	0	23.24	23.22	23.29	
5	16QAM	1	0	23.38	23.96	23.47	24.7
5	16QAM	1	12	23.42	23.35	23.31	
5	16QAM	1	24	23.30	23.16	23.63	
5	16QAM	12	0	22.22	22.45	22.03	23.7
5	16QAM	12	7	22.26	22.27	22.18	
5	16QAM	12	13	22.17	22.13	22.24	
5	16QAM	25	0	22.16	22.23	22.21	
5	64QAM	1	0	22.35	22.81	22.20	23.7
5	64QAM	1	12	22.54	22.57	22.14	
5	64QAM	1	24	22.43	22.30	22.31	
5	64QAM	12	0	21.17	21.43	21.09	22.7
5	64QAM	12	7	21.36	21.44	21.27	
5	64QAM	12	13	21.26	21.12	21.26	
5	64QAM	25	0	21.29	21.37	21.24	
5	256QAM	1	0	19.36	19.63	19.34	20.7
5	256QAM	1	12	18.95	19.38	18.97	
5	256QAM	1	24	18.83	19.32	18.70	
5	256QAM	12	0	19.10	19.57	19.14	20.7
5	256QAM	12	7	18.92	19.32	18.93	
5	256QAM	12	13	18.73	19.14	18.77	
5	256QAM	25	0	19.07	19.37	18.97	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	24.25	24.61	24.29	25.7
3	QPSK	1	8	24.16	24.32	24.11	
3	QPSK	1	14	24.19	24.12	24.20	
3	QPSK	8	0	23.11	23.40	23.34	24.7
3	QPSK	8	4	23.14	23.22	23.10	
3	QPSK	8	7	23.13	23.08	23.20	
3	QPSK	15	0	23.19	23.33	23.28	
3	16QAM	1	0	23.31	23.90	23.47	24.7
3	16QAM	1	8	23.53	23.39	23.41	
3	16QAM	1	14	23.27	23.20	23.53	
3	16QAM	8	0	22.07	22.49	22.05	23.7
3	16QAM	8	4	22.17	22.29	22.22	
3	16QAM	8	7	22.20	22.18	22.36	
3	16QAM	15	0	22.27	22.20	22.11	
3	64QAM	1	0	22.27	22.77	22.28	23.7
3	64QAM	1	8	22.42	22.59	22.18	
3	64QAM	1	14	22.43	22.24	22.32	
3	64QAM	8	0	21.10	21.44	21.20	22.7
3	64QAM	8	4	21.26	21.38	21.18	
3	64QAM	8	7	21.17	21.09	21.21	
3	64QAM	15	0	21.14	21.31	21.18	
3	256QAM	1	0	19.36	19.80	19.26	20.7
3	256QAM	1	8	18.97	19.45	18.98	
3	256QAM	1	14	18.75	19.14	18.70	
3	256QAM	8	0	19.13	19.50	19.03	20.7
3	256QAM	8	4	18.96	19.42	18.96	
3	256QAM	8	7	18.79	19.23	18.79	
3	256QAM	15	0	18.99	19.35	18.86	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.27	24.71	24.33	25.7
1.4	QPSK	1	3	24.13	24.41	24.18	
1.4	QPSK	1	5	24.23	24.01	24.08	
1.4	QPSK	3	0	24.37	24.65	24.46	
1.4	QPSK	3	1	24.04	24.30	24.16	
1.4	QPSK	3	3	24.21	23.96	24.12	
1.4	QPSK	6	0	23.27	23.43	23.25	24.7
1.4	16QAM	1	0	23.11	23.32	23.11	24.7
1.4	16QAM	1	3	23.09	23.06	23.15	
1.4	16QAM	1	5	23.07	23.29	23.23	
1.4	16QAM	3	0	23.49	23.81	23.38	
1.4	16QAM	3	1	23.35	23.32	23.42	
1.4	16QAM	3	3	23.31	23.20	23.60	
1.4	16QAM	6	0	22.12	22.48	21.99	23.7
1.4	64QAM	1	0	22.14	22.41	22.09	23.7
1.4	64QAM	1	3	22.24	22.26	22.31	
1.4	64QAM	1	5	22.18	22.18	22.07	
1.4	64QAM	3	0	22.21	22.75	22.16	
1.4	64QAM	3	1	22.53	22.50	22.20	
1.4	64QAM	3	3	22.44	22.18	22.40	
1.4	64QAM	6	0	21.17	21.49	21.23	22.7
1.4	256QAM	1	0	19.39	19.74	19.23	20.7
1.4	256QAM	1	3	19.08	19.35	19.00	
1.4	256QAM	1	5	18.70	19.30	18.84	
1.4	256QAM	3	0	18.97	19.54	19.00	
1.4	256QAM	3	1	19.01	19.35	18.95	
1.4	256QAM	3	3	18.84	19.30	18.73	
1.4	256QAM	6	0	18.93	19.35	18.94	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.20	23.77	23.23	24.1
20	QPSK	1	49	23.02	23.72	23.20	
20	QPSK	1	99	23.13	23.62	23.06	
20	QPSK	50	0	23.40	23.54	23.44	24.1
20	QPSK	50	24	23.17	23.32	23.23	
20	QPSK	50	50	23.21	23.28	23.18	
20	QPSK	100	0	23.20	23.40	23.27	
20	16QAM	1	0	23.18	23.74	23.13	24.1
20	16QAM	1	49	23.11	23.75	23.20	
20	16QAM	1	99	23.03	23.71	23.22	
20	16QAM	50	0	22.33	22.49	22.15	23.7
20	16QAM	50	24	22.25	22.47	22.27	
20	16QAM	50	50	22.42	22.19	22.28	
20	16QAM	100	0	22.32	22.45	22.29	
20	64QAM	1	0	22.27	22.85	22.34	23.7
20	64QAM	1	49	22.53	22.72	22.20	
20	64QAM	1	99	22.48	22.36	22.37	
20	64QAM	50	0	21.35	21.67	21.20	22.7
20	64QAM	50	24	21.36	21.49	21.24	
20	64QAM	50	50	21.42	21.24	21.48	
20	64QAM	100	0	21.24	21.46	21.23	
20	256QAM	1	0	19.43	19.84	19.44	20.7
20	256QAM	1	49	19.20	19.47	19.11	
20	256QAM	1	99	18.97	19.33	18.84	
20	256QAM	50	0	19.15	19.70	19.06	20.7
20	256QAM	50	24	19.01	19.38	18.95	
20	256QAM	50	50	18.96	19.33	18.74	
20	256QAM	100	0	19.17	19.39	18.91	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.01	23.68	23.21	24.1
15	QPSK	1	37	22.92	23.57	23.13	
15	QPSK	1	74	22.95	23.61	23.03	
15	QPSK	36	0	23.34	23.54	23.39	24.1
15	QPSK	36	20	22.97	23.32	23.20	
15	QPSK	36	39	23.04	23.28	23.13	
15	QPSK	75	0	23.07	23.33	23.21	
15	16QAM	1	0	23.15	23.69	22.96	24.1
15	16QAM	1	37	22.96	23.69	23.11	
15	16QAM	1	74	22.92	23.54	23.20	
15	16QAM	36	0	22.28	22.33	21.99	23.7
15	16QAM	36	20	22.25	22.35	22.13	
15	16QAM	36	39	22.32	22.11	22.09	
15	16QAM	75	0	22.26	22.38	22.17	
15	64QAM	1	0	22.07	22.77	22.18	23.7
15	64QAM	1	37	22.34	22.68	22.07	
15	64QAM	1	74	22.38	22.27	22.31	
15	64QAM	36	0	21.28	21.56	21.04	22.7
15	64QAM	36	20	21.24	21.29	21.20	
15	64QAM	36	39	21.30	21.14	21.31	
15	64QAM	75	0	21.20	21.34	21.22	
15	256QAM	1	0	19.40	19.80	19.27	20.7
15	256QAM	1	37	19.00	19.44	18.95	
15	256QAM	1	74	18.81	19.26	18.78	
15	256QAM	36	0	19.09	19.66	18.97	20.7
15	256QAM	36	20	18.84	19.33	18.88	
15	256QAM	36	39	18.95	19.31	18.82	

15	256QAM	75	0	19.04	19.24	18.86	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.15	23.66	23.19	24.1
10	QPSK	1	25	22.93	23.62	23.08	
10	QPSK	1	49	23.02	23.53	22.95	
10	QPSK	25	0	23.35	23.42	23.33	24.1
10	QPSK	25	12	23.03	23.27	23.19	
10	QPSK	25	25	23.06	23.22	23.02	
10	QPSK	50	0	23.10	23.32	23.25	
10	16QAM	1	0	23.00	23.71	23.13	24.1
10	16QAM	1	25	23.07	23.62	23.05	
10	16QAM	1	49	23.00	23.53	23.17	
10	16QAM	25	0	22.27	22.47	22.15	23.7
10	16QAM	25	12	22.23	22.40	22.22	
10	16QAM	25	25	22.35	22.07	22.16	
10	16QAM	50	0	22.17	22.26	22.13	
10	64QAM	1	0	22.17	22.66	22.31	23.7
10	64QAM	1	25	22.43	22.52	22.12	
10	64QAM	1	49	22.46	22.19	22.35	
10	64QAM	25	0	21.22	21.64	21.05	22.7
10	64QAM	25	12	21.36	21.39	21.13	
10	64QAM	25	25	21.22	21.10	21.38	
10	64QAM	50	0	21.11	21.35	21.12	
10	256QAM	1	0	19.38	19.78	19.26	20.7
10	256QAM	1	25	19.20	19.40	18.99	
10	256QAM	1	49	18.81	19.15	18.72	
10	256QAM	25	0	18.97	19.57	18.91	20.7
10	256QAM	25	12	18.91	19.31	18.77	
10	256QAM	25	25	18.79	19.16	18.86	
10	256QAM	50	0	19.10	19.35	18.78	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.18	23.64	23.05	24.1
5	QPSK	1	12	23.00	23.63	23.05	
5	QPSK	1	24	23.06	23.57	23.07	
5	QPSK	12	0	23.22	23.44	23.40	24.1
5	QPSK	12	7	23.09	23.18	23.12	
5	QPSK	12	13	23.08	23.20	23.01	
5	QPSK	25	0	23.01	23.27	23.15	
5	16QAM	1	0	23.14	23.67	22.95	24.1
5	16QAM	1	12	22.99	23.74	23.04	
5	16QAM	1	24	22.88	23.57	23.12	
5	16QAM	12	0	22.18	22.45	22.09	23.7
5	16QAM	12	7	22.06	22.45	22.26	
5	16QAM	12	13	22.37	22.19	22.08	
5	16QAM	25	0	22.32	22.39	22.18	
5	64QAM	1	0	22.13	22.77	22.27	23.7
5	64QAM	1	12	22.36	22.71	22.02	
5	64QAM	1	24	22.34	22.18	22.28	
5	64QAM	12	0	21.21	21.66	21.01	22.7
5	64QAM	12	7	21.30	21.45	21.15	
5	64QAM	12	13	21.22	21.21	21.28	
5	64QAM	25	0	21.20	21.26	21.12	
5	256QAM	1	0	19.41	19.82	19.28	20.7
5	256QAM	1	12	19.04	19.46	18.98	
5	256QAM	1	24	18.90	19.21	18.72	
5	256QAM	12	0	18.96	19.50	19.05	20.7
5	256QAM	12	7	18.97	19.23	18.81	
5	256QAM	12	13	18.86	19.21	18.87	
5	256QAM	25	0	19.11	19.25	18.91	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.08	23.67	23.19	24.1
3	QPSK	1	8	23.07	23.70	23.00	
3	QPSK	1	14	23.00	23.55	23.02	
3	QPSK	8	0	23.20	23.36	23.39	24.1
3	QPSK	8	4	23.15	23.18	23.22	
3	QPSK	8	7	23.13	23.12	23.16	
3	QPSK	15	0	23.06	23.40	23.19	
3	16QAM	1	0	23.12	23.72	22.99	24.1
3	16QAM	1	8	23.07	23.74	23.08	
3	16QAM	1	14	23.03	23.59	23.08	
3	16QAM	8	0	22.22	22.43	22.10	23.7
3	16QAM	8	4	22.14	22.41	22.23	
3	16QAM	8	7	22.41	22.02	22.25	
3	16QAM	15	0	22.15	22.26	22.11	
3	64QAM	1	0	22.08	22.68	22.27	23.7
3	64QAM	1	8	22.44	22.55	22.11	
3	64QAM	1	14	22.37	22.33	22.23	
3	64QAM	8	0	21.20	21.53	21.11	22.7
3	64QAM	8	4	21.22	21.44	21.04	
3	64QAM	8	7	21.32	21.05	21.38	
3	64QAM	15	0	21.24	21.35	21.18	
3	256QAM	1	0	19.36	19.72	19.29	20.7
3	256QAM	1	8	19.03	19.40	19.04	
3	256QAM	1	14	18.96	19.28	18.84	
3	256QAM	8	0	19.13	19.55	19.05	20.7
3	256QAM	8	4	18.91	19.21	18.88	
3	256QAM	8	7	18.96	19.17	18.83	
3	256QAM	15	0	19.08	19.26	18.72	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.14	23.76	23.05	24.1
1.4	QPSK	1	3	22.93	23.55	23.19	
1.4	QPSK	1	5	23.10	23.59	22.94	
1.4	QPSK	3	0	23.18	23.67	23.10	
1.4	QPSK	3	1	23.03	23.62	23.20	
1.4	QPSK	3	3	23.11	23.54	22.98	
1.4	QPSK	6	0	23.21	23.48	23.27	24.1
1.4	16QAM	1	0	23.03	23.12	23.05	24.1
1.4	16QAM	1	3	23.15	23.10	23.14	
1.4	16QAM	1	5	23.11	23.39	23.16	
1.4	16QAM	3	0	23.09	23.58	22.99	
1.4	16QAM	3	1	23.05	23.69	23.05	
1.4	16QAM	3	3	22.95	23.52	23.11	
1.4	16QAM	6	0	22.28	22.31	22.13	23.7
1.4	64QAM	1	0	22.12	22.30	22.24	23.7
1.4	64QAM	1	3	22.32	22.13	22.13	
1.4	64QAM	1	5	22.32	22.36	22.29	
1.4	64QAM	3	0	22.17	22.82	22.33	
1.4	64QAM	3	1	22.45	22.69	22.15	
1.4	64QAM	3	3	22.45	22.25	22.18	
1.4	64QAM	6	0	21.31	21.51	21.10	22.7
1.4	256QAM	1	0	19.28	19.67	19.31	20.7
1.4	256QAM	1	3	19.01	19.46	18.99	
1.4	256QAM	1	5	18.89	19.33	18.82	
1.4	256QAM	3	0	19.15	19.70	19.05	
1.4	256QAM	3	1	18.89	19.38	18.95	
1.4	256QAM	3	3	18.85	19.25	18.71	
1.4	256QAM	6	0	19.15	19.29	18.72	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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.20	23.77	23.23	24.9
20	QPSK	1	49	23.02	23.72	23.20	
20	QPSK	1	99	23.13	23.62	23.06	
20	QPSK	50	0	23.40	23.54	23.44	24.7
20	QPSK	50	24	23.17	23.32	23.23	
20	QPSK	50	50	23.21	23.28	23.18	
20	QPSK	100	0	23.20	23.40	23.27	
20	16QAM	1	0	23.18	23.74	23.13	24.7
20	16QAM	1	49	23.11	23.75	23.20	
20	16QAM	1	99	23.03	23.71	23.22	
20	16QAM	50	0	22.33	22.49	22.15	23.7
20	16QAM	50	24	22.25	22.47	22.27	
20	16QAM	50	50	22.42	22.19	22.28	
20	16QAM	100	0	22.32	22.45	22.29	
20	64QAM	1	0	22.27	22.85	22.34	23.7
20	64QAM	1	49	22.53	22.72	22.20	
20	64QAM	1	99	22.48	22.36	22.37	
20	64QAM	50	0	21.35	21.67	21.20	22.7
20	64QAM	50	24	21.36	21.49	21.24	
20	64QAM	50	50	21.42	21.24	21.48	
20	64QAM	100	0	21.24	21.46	21.23	
20	256QAM	1	0	19.43	19.84	19.44	20.7
20	256QAM	1	49	19.20	19.47	19.11	
20	256QAM	1	99	18.97	19.33	18.84	
20	256QAM	50	0	19.15	19.70	19.06	20.7
20	256QAM	50	24	19.01	19.38	18.95	
20	256QAM	50	50	18.96	19.33	18.74	
20	256QAM	100	0	19.17	19.39	18.91	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.01	23.68	23.21	24.9
15	QPSK	1	37	22.92	23.57	23.13	
15	QPSK	1	74	22.95	23.61	23.03	
15	QPSK	36	0	23.34	23.54	23.39	24.7
15	QPSK	36	20	22.97	23.32	23.20	
15	QPSK	36	39	23.04	23.28	23.13	
15	QPSK	75	0	23.07	23.33	23.21	
15	16QAM	1	0	23.15	23.69	22.96	24.7
15	16QAM	1	37	22.96	23.69	23.11	
15	16QAM	1	74	22.92	23.54	23.20	
15	16QAM	36	0	22.28	22.33	21.99	23.7
15	16QAM	36	20	22.25	22.35	22.13	
15	16QAM	36	39	22.32	22.11	22.09	
15	16QAM	75	0	22.26	22.38	22.17	
15	64QAM	1	0	22.07	22.77	22.18	23.7
15	64QAM	1	37	22.34	22.68	22.07	
15	64QAM	1	74	22.38	22.27	22.31	
15	64QAM	36	0	21.28	21.56	21.04	22.7
15	64QAM	36	20	21.24	21.29	21.20	
15	64QAM	36	39	21.30	21.14	21.31	
15	64QAM	75	0	21.20	21.34	21.22	
15	256QAM	1	0	19.40	19.80	19.27	20.7
15	256QAM	1	37	19.00	19.44	18.95	
15	256QAM	1	74	18.81	19.26	18.78	
15	256QAM	36	0	19.09	19.66	18.97	20.7
15	256QAM	36	20	18.84	19.33	18.88	
15	256QAM	36	39	18.95	19.31	18.82	

15	256QAM	75	0	19.04	19.24	18.86	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.15	23.66	23.19	24.9
10	QPSK	1	25	22.93	23.62	23.08	
10	QPSK	1	49	23.02	23.53	22.95	
10	QPSK	25	0	23.35	23.42	23.33	24.7
10	QPSK	25	12	23.03	23.27	23.19	
10	QPSK	25	25	23.06	23.22	23.02	
10	QPSK	50	0	23.10	23.32	23.25	
10	16QAM	1	0	23.00	23.71	23.13	24.7
10	16QAM	1	25	23.07	23.62	23.05	
10	16QAM	1	49	23.00	23.53	23.17	
10	16QAM	25	0	22.27	22.47	22.15	23.7
10	16QAM	25	12	22.23	22.40	22.22	
10	16QAM	25	25	22.35	22.07	22.16	
10	16QAM	50	0	22.17	22.26	22.13	
10	64QAM	1	0	22.17	22.66	22.31	23.7
10	64QAM	1	25	22.43	22.52	22.12	
10	64QAM	1	49	22.46	22.19	22.35	
10	64QAM	25	0	21.22	21.64	21.05	22.7
10	64QAM	25	12	21.36	21.39	21.13	
10	64QAM	25	25	21.22	21.10	21.38	
10	64QAM	50	0	21.11	21.35	21.12	
10	256QAM	1	0	19.38	19.78	19.26	20.7
10	256QAM	1	25	19.20	19.40	18.99	
10	256QAM	1	49	18.81	19.15	18.72	
10	256QAM	25	0	18.97	19.57	18.91	20.7
10	256QAM	25	12	18.91	19.31	18.77	
10	256QAM	25	25	18.79	19.16	18.86	
10	256QAM	50	0	19.10	19.35	18.78	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.18	23.64	23.05	24.9
5	QPSK	1	12	23.00	23.63	23.05	
5	QPSK	1	24	23.06	23.57	23.07	
5	QPSK	12	0	23.22	23.44	23.40	24.7
5	QPSK	12	7	23.09	23.18	23.12	
5	QPSK	12	13	23.08	23.20	23.01	
5	QPSK	25	0	23.01	23.27	23.15	
5	16QAM	1	0	23.14	23.67	22.95	24.7
5	16QAM	1	12	22.99	23.74	23.04	
5	16QAM	1	24	22.88	23.57	23.12	
5	16QAM	12	0	22.18	22.45	22.09	23.7
5	16QAM	12	7	22.06	22.45	22.26	
5	16QAM	12	13	22.37	22.19	22.08	
5	16QAM	25	0	22.32	22.39	22.18	
5	64QAM	1	0	22.13	22.77	22.27	23.7
5	64QAM	1	12	22.36	22.71	22.02	
5	64QAM	1	24	22.34	22.18	22.28	
5	64QAM	12	0	21.21	21.66	21.01	22.7
5	64QAM	12	7	21.30	21.45	21.15	
5	64QAM	12	13	21.22	21.21	21.28	
5	64QAM	25	0	21.20	21.26	21.12	
5	256QAM	1	0	19.41	19.82	19.28	20.7
5	256QAM	1	12	19.04	19.46	18.98	
5	256QAM	1	24	18.90	19.21	18.72	
5	256QAM	12	0	18.96	19.50	19.05	20.7
5	256QAM	12	7	18.97	19.23	18.81	
5	256QAM	12	13	18.86	19.21	18.87	
5	256QAM	25	0	19.11	19.25	18.91	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.08	23.67	23.19	24.9
3	QPSK	1	8	23.07	23.70	23.00	
3	QPSK	1	14	23.00	23.55	23.02	
3	QPSK	8	0	23.20	23.36	23.39	24.7
3	QPSK	8	4	23.15	23.18	23.22	
3	QPSK	8	7	23.13	23.12	23.16	
3	QPSK	15	0	23.06	23.40	23.19	
3	16QAM	1	0	23.12	23.72	22.99	24.7
3	16QAM	1	8	23.07	23.74	23.08	
3	16QAM	1	14	23.03	23.59	23.08	
3	16QAM	8	0	22.22	22.43	22.10	23.7
3	16QAM	8	4	22.14	22.41	22.23	
3	16QAM	8	7	22.41	22.02	22.25	
3	16QAM	15	0	22.15	22.26	22.11	
3	64QAM	1	0	22.08	22.68	22.27	23.7
3	64QAM	1	8	22.44	22.55	22.11	
3	64QAM	1	14	22.37	22.33	22.23	
3	64QAM	8	0	21.20	21.53	21.11	22.7
3	64QAM	8	4	21.22	21.44	21.04	
3	64QAM	8	7	21.32	21.05	21.38	
3	64QAM	15	0	21.24	21.35	21.18	
3	256QAM	1	0	19.36	19.72	19.29	20.7
3	256QAM	1	8	19.03	19.40	19.04	
3	256QAM	1	14	18.96	19.28	18.84	
3	256QAM	8	0	19.13	19.55	19.05	20.7
3	256QAM	8	4	18.91	19.21	18.88	
3	256QAM	8	7	18.96	19.17	18.83	
3	256QAM	15	0	19.08	19.26	18.72	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.14	23.76	23.05	24.9
1.4	QPSK	1	3	22.93	23.55	23.19	
1.4	QPSK	1	5	23.10	23.59	22.94	
1.4	QPSK	3	0	23.18	23.67	23.10	
1.4	QPSK	3	1	23.03	23.62	23.20	
1.4	QPSK	3	3	23.11	23.54	22.98	
1.4	QPSK	6	0	23.21	23.48	23.27	24.7
1.4	16QAM	1	0	23.03	23.12	23.05	24.7
1.4	16QAM	1	3	23.15	23.10	23.14	
1.4	16QAM	1	5	23.11	23.39	23.16	
1.4	16QAM	3	0	23.09	23.58	22.99	
1.4	16QAM	3	1	23.05	23.69	23.05	
1.4	16QAM	3	3	22.95	23.52	23.11	
1.4	16QAM	6	0	22.28	22.31	22.13	23.7
1.4	64QAM	1	0	22.12	22.30	22.24	23.7
1.4	64QAM	1	3	22.32	22.13	22.13	
1.4	64QAM	1	5	22.32	22.36	22.29	
1.4	64QAM	3	0	22.17	22.82	22.33	
1.4	64QAM	3	1	22.45	22.69	22.15	
1.4	64QAM	3	3	22.45	22.25	22.18	
1.4	64QAM	6	0	21.31	21.51	21.10	22.7
1.4	256QAM	1	0	19.28	19.67	19.31	20.7
1.4	256QAM	1	3	19.01	19.46	18.99	
1.4	256QAM	1	5	18.89	19.33	18.82	
1.4	256QAM	3	0	19.15	19.70	19.05	
1.4	256QAM	3	1	18.89	19.38	18.95	
1.4	256QAM	3	3	18.85	19.25	18.71	
1.4	256QAM	6	0	19.15	19.29	18.72	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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.36	24.25	24.19	25.7
15	QPSK	1	37	24.19	24.15	24.11	
15	QPSK	1	74	24.22	24.22	24.13	
15	QPSK	36	0	23.21	23.20	23.20	24.7
15	QPSK	36	20	23.15	23.18	23.17	
15	QPSK	36	39	23.15	23.16	23.15	
15	QPSK	75	0	23.14	23.16	23.16	
15	16QAM	1	0	23.71	23.52	23.53	24.7
15	16QAM	1	37	23.54	23.57	23.45	
15	16QAM	1	74	23.62	23.52	23.41	
15	16QAM	36	0	22.20	22.16	22.22	23.7
15	16QAM	36	20	22.16	22.20	22.18	
15	16QAM	36	39	22.16	22.22	22.18	
15	16QAM	75	0	22.16	22.18	22.21	
15	64QAM	1	0	22.37	22.36	22.46	23.7
15	64QAM	1	37	22.41	22.38	22.27	
15	64QAM	1	74	22.43	22.51	22.20	
15	64QAM	36	0	21.25	21.20	21.25	22.7
15	64QAM	36	20	21.19	21.24	21.20	
15	64QAM	36	39	21.17	21.25	21.20	
15	64QAM	75	0	21.16	21.16	21.18	
15	256QAM	1	0	19.49	19.56	19.48	20.7
15	256QAM	1	37	19.16	19.23	19.15	
15	256QAM	1	74	19.00	19.17	18.99	
15	256QAM	36	0	19.26	19.35	19.20	20.7
15	256QAM	36	20	19.01	19.10	19.00	
15	256QAM	36	39	18.91	19.05	18.96	
15	256QAM	75	0	19.08	19.24	19.16	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.20	24.08	24.07	25.7
10	QPSK	1	25	24.15	24.13	23.95	
10	QPSK	1	49	24.19	24.11	24.00	
10	QPSK	25	0	23.13	23.04	23.10	24.7
10	QPSK	25	12	23.06	23.04	23.05	
10	QPSK	25	25	23.11	23.06	23.08	
10	QPSK	50	0	23.10	23.02	22.99	
10	16QAM	1	0	23.63	23.39	23.47	24.7
10	16QAM	1	25	23.53	23.54	23.30	
10	16QAM	1	49	23.56	23.33	23.21	
10	16QAM	25	0	22.08	22.07	22.12	23.7
10	16QAM	25	12	22.06	22.07	22.06	
10	16QAM	25	25	22.12	22.02	22.00	
10	16QAM	50	0	22.05	22.04	22.20	
10	64QAM	1	0	22.19	22.28	22.39	23.7
10	64QAM	1	25	22.29	22.30	22.22	
10	64QAM	1	49	22.36	22.34	22.18	
10	64QAM	25	0	21.14	21.19	21.17	22.7
10	64QAM	25	12	21.09	21.20	21.02	
10	64QAM	25	25	20.98	21.06	21.16	
10	64QAM	50	0	21.12	21.00	21.11	
10	256QAM	1	0	19.34	19.36	19.43	20.7
10	256QAM	1	25	19.09	19.20	19.12	
10	256QAM	1	49	18.97	19.09	18.79	
10	256QAM	25	0	19.23	19.30	19.13	20.7

10	256QAM	25	12	18.89	18.97	18.85	
10	256QAM	25	25	18.80	18.88	18.86	
10	256QAM	50	0	18.89	19.15	19.02	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.23	24.14	24.14	25.7
5	QPSK	1	12	24.05	24.05	24.05	
5	QPSK	1	24	24.22	24.22	24.10	
5	QPSK	12	0	23.14	23.07	23.17	24.7
5	QPSK	12	7	23.11	23.10	22.98	
5	QPSK	12	13	23.12	23.15	22.96	
5	QPSK	25	0	23.06	22.98	23.11	
5	16QAM	1	0	23.61	23.43	23.37	24.7
5	16QAM	1	12	23.44	23.45	23.34	
5	16QAM	1	24	23.42	23.41	23.39	
5	16QAM	12	0	22.08	22.03	22.18	23.7
5	16QAM	12	7	22.09	22.02	22.02	
5	16QAM	12	13	22.10	22.16	22.18	
5	16QAM	25	0	21.97	22.00	22.08	
5	64QAM	1	0	22.24	22.33	22.34	23.7
5	64QAM	1	12	22.31	22.22	22.14	
5	64QAM	1	24	22.31	22.48	22.17	
5	64QAM	12	0	21.21	21.01	21.07	22.7
5	64QAM	12	7	21.02	21.19	21.04	
5	64QAM	12	13	21.09	21.13	21.20	
5	64QAM	25	0	21.06	21.10	21.17	
5	256QAM	1	0	19.31	19.45	19.33	20.7
5	256QAM	1	12	19.00	19.07	19.13	
5	256QAM	1	24	18.96	19.07	18.85	
5	256QAM	12	0	19.26	19.33	19.17	20.7
5	256QAM	12	7	18.93	19.01	18.80	
5	256QAM	12	13	18.90	19.05	18.94	
5	256QAM	25	0	19.03	19.06	19.05	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.33	24.24	24.04	25.7
3	QPSK	1	8	24.03	24.06	24.01	
3	QPSK	1	14	24.12	24.11	23.94	
3	QPSK	8	0	23.02	23.12	23.13	24.7
3	QPSK	8	4	23.10	23.01	23.11	
3	QPSK	8	7	22.98	23.11	23.11	
3	QPSK	15	0	23.04	23.00	23.06	
3	16QAM	1	0	23.57	23.45	23.47	24.7
3	16QAM	1	8	23.47	23.50	23.41	
3	16QAM	1	14	23.54	23.34	23.31	
3	16QAM	8	0	22.04	21.97	22.11	23.7
3	16QAM	8	4	22.12	22.04	22.10	
3	16QAM	8	7	22.13	22.03	22.09	
3	16QAM	15	0	22.16	22.06	22.01	
3	64QAM	1	0	22.31	22.28	22.36	23.7
3	64QAM	1	8	22.26	22.35	22.22	
3	64QAM	1	14	22.23	22.47	22.18	
3	64QAM	8	0	21.07	21.09	21.20	22.7
3	64QAM	8	4	21.05	21.14	21.18	
3	64QAM	8	7	21.14	21.12	21.08	
3	64QAM	15	0	21.09	20.99	21.13	
3	256QAM	1	0	19.34	19.42	19.31	20.7
3	256QAM	1	8	19.06	19.13	19.03	
3	256QAM	1	14	18.89	19.15	18.95	
3	256QAM	8	0	19.06	19.33	19.07	20.7
3	256QAM	8	4	18.98	18.98	18.93	

3	256QAM	8	7	18.87	18.88	18.83	
3	256QAM	15	0	18.95	19.07	19.05	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.18	24.13	24.03	25.7
1.4	QPSK	1	3	24.02	24.01	24.00	
1.4	QPSK	1	5	24.15	24.02	23.97	
1.4	QPSK	3	0	24.26	24.07	24.14	
1.4	QPSK	3	1	24.16	23.96	23.99	
1.4	QPSK	3	3	24.08	24.10	24.09	
1.4	QPSK	6	0	23.20	23.11	23.00	24.7
1.4	16QAM	1	0	23.04	23.10	23.04	24.7
1.4	16QAM	1	3	23.04	23.13	23.02	
1.4	16QAM	1	5	23.06	23.15	23.07	
1.4	16QAM	3	0	23.70	23.34	23.35	
1.4	16QAM	3	1	23.34	23.56	23.44	
1.4	16QAM	3	3	23.48	23.52	23.27	
1.4	16QAM	6	0	22.01	22.15	22.16	23.7
1.4	64QAM	1	0	22.07	22.20	22.12	23.7
1.4	64QAM	1	3	22.03	22.17	22.04	
1.4	64QAM	1	5	22.05	22.08	22.16	
1.4	64QAM	3	0	22.26	22.24	22.27	
1.4	64QAM	3	1	22.25	22.34	22.17	
1.4	64QAM	3	3	22.26	22.44	22.07	
1.4	64QAM	6	0	21.21	21.01	21.05	22.7
1.4	256QAM	1	0	19.35	19.56	19.48	20.7
1.4	256QAM	1	3	18.96	19.10	18.97	
1.4	256QAM	1	5	18.90	19.17	18.87	
1.4	256QAM	3	0	19.06	19.24	19.10	
1.4	256QAM	3	1	18.98	19.00	18.85	
1.4	256QAM	3	3	18.90	18.85	18.86	
1.4	256QAM	6	0	19.00	19.22	19.01	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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.36	24.25	24.19	25.7
15	QPSK	1	37	24.19	24.15	24.11	
15	QPSK	1	74	24.22	24.22	24.13	
15	QPSK	36	0	23.21	23.20	23.20	24.7
15	QPSK	36	20	23.15	23.18	23.17	
15	QPSK	36	39	23.15	23.16	23.15	
15	QPSK	75	0	23.14	23.16	23.16	
15	16QAM	1	0	23.71	23.52	23.53	24.7
15	16QAM	1	37	23.54	23.57	23.45	
15	16QAM	1	74	23.62	23.52	23.41	
15	16QAM	36	0	22.20	22.16	22.22	23.7
15	16QAM	36	20	22.16	22.20	22.18	
15	16QAM	36	39	22.16	22.22	22.18	
15	16QAM	75	0	22.16	22.18	22.21	
15	64QAM	1	0	22.37	22.36	22.46	23.7
15	64QAM	1	37	22.41	22.38	22.27	
15	64QAM	1	74	22.43	22.51	22.20	
15	64QAM	36	0	21.25	21.20	21.25	22.7
15	64QAM	36	20	21.19	21.24	21.20	
15	64QAM	36	39	21.17	21.25	21.20	
15	64QAM	75	0	21.16	21.16	21.18	
15	256QAM	1	0	19.49	19.56	19.48	20.7
15	256QAM	1	37	19.16	19.23	19.15	
15	256QAM	1	74	19.00	19.17	18.99	
15	256QAM	36	0	19.26	19.35	19.20	20.7
15	256QAM	36	20	19.01	19.10	19.00	
15	256QAM	36	39	18.91	19.05	18.96	
15	256QAM	75	0	19.08	19.24	19.16	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.20	24.08	24.07	25.7
10	QPSK	1	25	24.15	24.13	23.95	
10	QPSK	1	49	24.19	24.11	24.00	
10	QPSK	25	0	23.13	23.04	23.10	24.7
10	QPSK	25	12	23.06	23.04	23.05	
10	QPSK	25	25	23.11	23.06	23.08	
10	QPSK	50	0	23.10	23.02	22.99	
10	16QAM	1	0	23.63	23.39	23.47	24.7
10	16QAM	1	25	23.53	23.54	23.30	
10	16QAM	1	49	23.56	23.33	23.21	
10	16QAM	25	0	22.08	22.07	22.12	23.7
10	16QAM	25	12	22.06	22.07	22.06	
10	16QAM	25	25	22.12	22.02	22.00	
10	16QAM	50	0	22.05	22.04	22.20	
10	64QAM	1	0	22.19	22.28	22.39	23.7
10	64QAM	1	25	22.29	22.30	22.22	
10	64QAM	1	49	22.36	22.34	22.18	
10	64QAM	25	0	21.14	21.19	21.17	22.7
10	64QAM	25	12	21.09	21.20	21.02	
10	64QAM	25	25	20.98	21.06	21.16	
10	64QAM	50	0	21.12	21.00	21.11	
10	256QAM	1	0	19.34	19.36	19.43	20.7
10	256QAM	1	25	19.09	19.20	19.12	
10	256QAM	1	49	18.97	19.09	18.79	
10	256QAM	25	0	19.23	19.30	19.13	20.7

10	256QAM	25	12	18.89	18.97	18.85	
10	256QAM	25	25	18.80	18.88	18.86	
10	256QAM	50	0	18.89	19.15	19.02	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.23	24.14	24.14	25.7
5	QPSK	1	12	24.05	24.05	24.05	
5	QPSK	1	24	24.22	24.22	24.10	
5	QPSK	12	0	23.14	23.07	23.17	24.7
5	QPSK	12	7	23.11	23.10	22.98	
5	QPSK	12	13	23.12	23.15	22.96	
5	QPSK	25	0	23.06	22.98	23.11	
5	16QAM	1	0	23.61	23.43	23.37	24.7
5	16QAM	1	12	23.44	23.45	23.34	
5	16QAM	1	24	23.42	23.41	23.39	
5	16QAM	12	0	22.08	22.03	22.18	23.7
5	16QAM	12	7	22.09	22.02	22.02	
5	16QAM	12	13	22.10	22.16	22.18	
5	16QAM	25	0	21.97	22.00	22.08	
5	64QAM	1	0	22.24	22.33	22.34	23.7
5	64QAM	1	12	22.31	22.22	22.14	
5	64QAM	1	24	22.31	22.48	22.17	
5	64QAM	12	0	21.21	21.01	21.07	22.7
5	64QAM	12	7	21.02	21.19	21.04	
5	64QAM	12	13	21.09	21.13	21.20	
5	64QAM	25	0	21.06	21.10	21.17	
5	256QAM	1	0	19.31	19.45	19.33	20.7
5	256QAM	1	12	19.00	19.07	19.13	
5	256QAM	1	24	18.96	19.07	18.85	
5	256QAM	12	0	19.26	19.33	19.17	20.7
5	256QAM	12	7	18.93	19.01	18.80	
5	256QAM	12	13	18.90	19.05	18.94	
5	256QAM	25	0	19.03	19.06	19.05	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.33	24.24	24.04	25.7
3	QPSK	1	8	24.03	24.06	24.01	
3	QPSK	1	14	24.12	24.11	23.94	
3	QPSK	8	0	23.02	23.12	23.13	24.7
3	QPSK	8	4	23.10	23.01	23.11	
3	QPSK	8	7	22.98	23.11	23.11	
3	QPSK	15	0	23.04	23.00	23.06	
3	16QAM	1	0	23.57	23.45	23.47	24.7
3	16QAM	1	8	23.47	23.50	23.41	
3	16QAM	1	14	23.54	23.34	23.31	
3	16QAM	8	0	22.04	21.97	22.11	23.7
3	16QAM	8	4	22.12	22.04	22.10	
3	16QAM	8	7	22.13	22.03	22.09	
3	16QAM	15	0	22.16	22.06	22.01	
3	64QAM	1	0	22.31	22.28	22.36	23.7
3	64QAM	1	8	22.26	22.35	22.22	
3	64QAM	1	14	22.23	22.47	22.18	
3	64QAM	8	0	21.07	21.09	21.20	22.7
3	64QAM	8	4	21.05	21.14	21.18	
3	64QAM	8	7	21.14	21.12	21.08	
3	64QAM	15	0	21.09	20.99	21.13	
3	256QAM	1	0	19.34	19.42	19.31	20.7
3	256QAM	1	8	19.06	19.13	19.03	
3	256QAM	1	14	18.89	19.15	18.95	
3	256QAM	8	0	19.06	19.33	19.07	20.7
3	256QAM	8	4	18.98	18.98	18.93	

3	256QAM	8	7	18.87	18.88	18.83	
3	256QAM	15	0	18.95	19.07	19.05	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.18	24.13	24.03	25.7
1.4	QPSK	1	3	24.02	24.01	24.00	
1.4	QPSK	1	5	24.15	24.02	23.97	
1.4	QPSK	3	0	24.26	24.07	24.14	
1.4	QPSK	3	1	24.16	23.96	23.99	
1.4	QPSK	3	3	24.08	24.10	24.09	
1.4	QPSK	6	0	23.20	23.11	23.00	24.7
1.4	16QAM	1	0	23.04	23.10	23.04	24.7
1.4	16QAM	1	3	23.04	23.13	23.02	
1.4	16QAM	1	5	23.06	23.15	23.07	
1.4	16QAM	3	0	23.70	23.34	23.35	
1.4	16QAM	3	1	23.34	23.56	23.44	
1.4	16QAM	3	3	23.48	23.52	23.27	
1.4	16QAM	6	0	22.01	22.15	22.16	23.7
1.4	64QAM	1	0	22.07	22.20	22.12	23.7
1.4	64QAM	1	3	22.03	22.17	22.04	
1.4	64QAM	1	5	22.05	22.08	22.16	
1.4	64QAM	3	0	22.26	22.24	22.27	
1.4	64QAM	3	1	22.25	22.34	22.17	
1.4	64QAM	3	3	22.26	22.44	22.07	
1.4	64QAM	6	0	21.21	21.01	21.05	22.7
1.4	256QAM	1	0	19.35	19.56	19.48	20.7
1.4	256QAM	1	3	18.96	19.10	18.97	
1.4	256QAM	1	5	18.90	19.17	18.87	
1.4	256QAM	3	0	19.06	19.24	19.10	
1.4	256QAM	3	1	18.98	19.00	18.85	
1.4	256QAM	3	3	18.90	18.85	18.86	
1.4	256QAM	6	0	19.00	19.22	19.01	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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.49	24.49	24.67	25.7
15	QPSK	1	37	24.33	24.27	24.41	
15	QPSK	1	74	24.38	24.32	24.35	
15	QPSK	36	0	23.46	23.45	23.47	24.7
15	QPSK	36	20	23.43	23.43	23.46	
15	QPSK	36	39	23.41	23.38	23.39	
15	QPSK	75	0	23.40	23.40	23.44	
15	16QAM	1	0	23.80	23.72	23.91	24.7
15	16QAM	1	37	23.75	23.70	23.77	
15	16QAM	1	74	23.83	23.78	23.53	
15	16QAM	36	0	22.47	22.41	22.50	23.7
15	16QAM	36	20	22.42	22.41	22.45	
15	16QAM	36	39	22.43	22.37	22.40	
15	16QAM	75	0	22.43	22.43	22.48	
15	64QAM	1	0	22.69	22.56	22.77	23.7
15	64QAM	1	37	22.65	22.50	22.69	
15	64QAM	1	74	22.59	22.50	22.45	
15	64QAM	36	0	21.49	21.46	21.53	22.7
15	64QAM	36	20	21.45	21.44	21.46	
15	64QAM	36	39	21.44	21.43	21.41	
15	64QAM	75	0	21.41	21.41	21.47	
15	256QAM	1	0	19.71	19.73	19.87	20.7
15	256QAM	1	37	19.33	19.45	19.51	
15	256QAM	1	74	19.39	19.41	19.51	
15	256QAM	36	0	19.31	19.38	19.45	20.7
15	256QAM	36	20	19.34	19.39	19.46	
15	256QAM	36	39	19.32	19.42	19.46	
15	256QAM	75	0	19.23	19.35	19.39	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.30	24.47	24.53	25.7
10	QPSK	1	25	24.25	24.07	24.26	
10	QPSK	1	49	24.32	24.23	24.21	
10	QPSK	25	0	23.38	23.40	23.38	24.7
10	QPSK	25	12	23.32	23.25	23.40	
10	QPSK	25	25	23.34	23.38	23.30	
10	QPSK	50	0	23.26	23.21	23.37	
10	16QAM	1	0	23.61	23.63	23.71	24.7
10	16QAM	1	25	23.74	23.67	23.75	
10	16QAM	1	49	23.77	23.60	23.33	
10	16QAM	25	0	22.28	22.22	22.37	23.7
10	16QAM	25	12	22.36	22.38	22.27	
10	16QAM	25	25	22.38	22.18	22.21	
10	16QAM	50	0	22.39	22.36	22.33	
10	64QAM	1	0	22.56	22.42	22.63	23.7
10	64QAM	1	25	22.46	22.43	22.63	
10	64QAM	1	49	22.40	22.34	22.34	
10	64QAM	25	0	21.31	21.34	21.39	22.7
10	64QAM	25	12	21.32	21.36	21.46	
10	64QAM	25	25	21.43	21.25	21.28	
10	64QAM	50	0	21.30	21.40	21.46	
10	256QAM	1	0	19.64	19.54	19.82	20.7
10	256QAM	1	25	19.20	19.31	19.42	
10	256QAM	1	49	19.36	19.33	19.40	
10	256QAM	25	0	19.16	19.27	19.33	20.7

10	256QAM	25	12	19.34	19.23	19.30	
10	256QAM	25	25	19.31	19.28	19.45	
10	256QAM	50	0	19.23	19.31	19.39	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.39	24.40	24.64	25.7
5	QPSK	1	12	24.26	24.26	24.30	
5	QPSK	1	24	24.19	24.27	24.29	
5	QPSK	12	0	23.28	23.33	23.43	24.7
5	QPSK	12	7	23.38	23.35	23.31	
5	QPSK	12	13	23.30	23.31	23.27	
5	QPSK	25	0	23.26	23.35	23.29	
5	16QAM	1	0	23.60	23.62	23.90	24.7
5	16QAM	1	12	23.75	23.65	23.74	
5	16QAM	1	24	23.77	23.75	23.34	
5	16QAM	12	0	22.35	22.39	22.38	23.7
5	16QAM	12	7	22.23	22.22	22.38	
5	16QAM	12	13	22.34	22.29	22.31	
5	16QAM	25	0	22.24	22.40	22.45	
5	64QAM	1	0	22.57	22.50	22.59	23.7
5	64QAM	1	12	22.56	22.50	22.49	
5	64QAM	1	24	22.51	22.35	22.43	
5	64QAM	12	0	21.43	21.44	21.47	22.7
5	64QAM	12	7	21.44	21.25	21.38	
5	64QAM	12	13	21.39	21.26	21.37	
5	64QAM	25	0	21.37	21.30	21.40	
5	256QAM	1	0	19.57	19.68	19.75	20.7
5	256QAM	1	12	19.23	19.27	19.31	
5	256QAM	1	24	19.37	19.31	19.33	
5	256QAM	12	0	19.31	19.18	19.38	20.7
5	256QAM	12	7	19.15	19.22	19.32	
5	256QAM	12	13	19.30	19.38	19.28	
5	256QAM	25	0	19.16	19.21	19.27	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.46	24.37	24.57	25.7
3	QPSK	1	8	24.18	24.21	24.32	
3	QPSK	1	14	24.35	24.16	24.19	
3	QPSK	8	0	23.27	23.31	23.41	24.7
3	QPSK	8	4	23.39	23.25	23.45	
3	QPSK	8	7	23.21	23.32	23.23	
3	QPSK	15	0	23.25	23.37	23.25	
3	16QAM	1	0	23.66	23.60	23.80	24.7
3	16QAM	1	8	23.66	23.55	23.76	
3	16QAM	1	14	23.69	23.66	23.47	
3	16QAM	8	0	22.33	22.32	22.31	23.7
3	16QAM	8	4	22.33	22.38	22.31	
3	16QAM	8	7	22.23	22.21	22.34	
3	16QAM	15	0	22.34	22.40	22.35	
3	64QAM	1	0	22.67	22.43	22.72	23.7
3	64QAM	1	8	22.52	22.44	22.55	
3	64QAM	1	14	22.45	22.34	22.45	
3	64QAM	8	0	21.43	21.45	21.51	22.7
3	64QAM	8	4	21.31	21.43	21.33	
3	64QAM	8	7	21.41	21.41	21.29	
3	64QAM	15	0	21.28	21.27	21.37	
3	256QAM	1	0	19.63	19.70	19.84	20.7
3	256QAM	1	8	19.25	19.25	19.44	
3	256QAM	1	14	19.31	19.34	19.32	
3	256QAM	8	0	19.26	19.31	19.45	20.7
3	256QAM	8	4	19.29	19.31	19.41	

3	256QAM	8	7	19.12	19.37	19.44	
3	256QAM	15	0	19.11	19.22	19.28	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.36	24.47	24.52	25.7
1.4	QPSK	1	3	24.16	24.26	24.41	
1.4	QPSK	1	5	24.29	24.29	24.35	
1.4	QPSK	3	0	24.37	24.48	24.51	
1.4	QPSK	3	1	24.30	24.16	24.25	
1.4	QPSK	3	3	24.22	24.13	24.22	
1.4	QPSK	6	0	23.37	23.38	23.31	24.7
1.4	16QAM	1	0	23.25	23.30	23.33	24.7
1.4	16QAM	1	3	23.31	23.33	23.36	
1.4	16QAM	1	5	23.33	23.22	23.28	
1.4	16QAM	3	0	23.77	23.71	23.71	
1.4	16QAM	3	1	23.64	23.63	23.72	
1.4	16QAM	3	3	23.70	23.69	23.35	
1.4	16QAM	6	0	22.27	22.33	22.46	23.7
1.4	64QAM	1	0	22.37	22.22	22.41	23.7
1.4	64QAM	1	3	22.27	22.18	22.23	
1.4	64QAM	1	5	22.24	22.27	22.28	
1.4	64QAM	3	0	22.68	22.55	22.70	
1.4	64QAM	3	1	22.49	22.43	22.69	
1.4	64QAM	3	3	22.50	22.49	22.39	
1.4	64QAM	6	0	21.40	21.34	21.38	22.7
1.4	256QAM	1	0	19.64	19.68	19.72	20.7
1.4	256QAM	1	3	19.28	19.42	19.48	
1.4	256QAM	1	5	19.20	19.34	19.37	
1.4	256QAM	3	0	19.26	19.24	19.45	
1.4	256QAM	3	1	19.18	19.30	19.40	
1.4	256QAM	3	3	19.14	19.26	19.28	
1.4	256QAM	6	0	19.12	19.16	19.24	20.7