Ant 0								
GSM850	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	32.59	32.86	32.55	33.70	23.59	23.86	23.55	24.70
GPRS 1 Tx slot	32.67	32.94	32.62	33.70	23.67	23.94	23.62	24.70
GPRS 2 Tx slots	31.11	31.12	30.76	32.00	25.11	25.12	24.76	26.00
GPRS 3 Tx slots	29.72	29.87	29.30	31.00	25.46	25.61	25.04	26.74
GPRS 4 Tx slots	28.60	28.74	28.15	30.00	25.60	25.74	25.15	27.00
EDGE 1 Tx slot	27.23	27.05	27.08	28.00	18.23	18.05	18.08	19.00
EDGE 2 Tx slots	25.77	25.99	25.86	27.00	19.77	19.99	19.86	21.00
EDGE 3 Tx slots	25.61	25.82	25.66	27.00	21.35	21.56	21.40	22.74
EDGE 4 Tx slots	24.61	24.82	24.51	25.00	21.61	21.82	21.51	22.00
Ant 2								
GSM1900	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	30.07	30.28	30.09	31.00	21.07	21.28	21.09	22.00
GPRS 1 Tx slot	29.83	30.09	29.91	31.00	20.83	21.09	20.91	22.00
GPRS 2 Tx slots	28.53	28.58	28.43	29.50	22.53	22.58	22.43	23.50
GPRS 3 Tx slots	28.17	28.24	27.69	29.00	23.91	23.98	23.43	24.74
GPRS 4 Tx slots	26.55	26.94	26.23	28.00	23.55	23.94	23.23	25.00
EDGE 1 Tx slot	25.16	25.03	25.07	27.00	16.16	16.03	16.07	18.00
EDGE 2 Tx slots	25.05	24.86	24.70	26.00	19.05	18.86	18.70	20.00
EDGE 3 Tx slots	24.02	23.65	23.50	25.00	19.76	19.39	19.24	20.74
EDGE 4 Tx slots	22.95	22.76	22.22	24.00	19.95	19.76	19.22	21.00

Ant 0								
GSM850	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	32.59	32.86	32.55	33.70	23.59	23.86	23.55	24.70
GPRS 1 Tx slot	32.67	32.94	32.62	33.70	23.67	23.94	23.62	24.70
GPRS 2 Tx slots	31.11	31.12	30.76	32.00	25.11	25.12	24.76	26.00
GPRS 3 Tx slots	29.72	29.87	29.30	31.00	25.46	25.61	25.04	26.74
GPRS 4 Tx slots	28.60	28.74	28.15	30.00	25.60	25.74	25.15	27.00
EDGE 1 Tx slot	27.23	27.05	27.08	28.00	18.23	18.05	18.08	19.00
EDGE 2 Tx slots	25.77	25.99	25.86	27.00	19.77	19.99	19.86	21.00
EDGE 3 Tx slots	25.61	25.82	25.66	27.00	21.35	21.56	21.40	22.74
EDGE 4 Tx slots	24.61	24.82	24.51	25.00	21.61	21.82	21.51	22.00
Ant 2								
GSM1900	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	30.07	30.28	30.09	31.00	21.07	21.28	21.09	22.00
GPRS 1 Tx slot	29.83	30.09	29.91	31.00	20.83	21.09	20.91	22.00
GPRS 2 Tx slots	28.53	28.58	28.43	29.50	22.53	22.58	22.43	23.50
GPRS 3 Tx slots	28.17	28.24	27.69	29.00	23.91	23.98	23.43	24.74
GPRS 4 Tx slots	26.55	26.94	26.23	28.00	23.55	23.94	23.23	25.00
EDGE 1 Tx slot	25.16	25.03	25.07	27.00	16.16	16.03	16.07	18.00
EDGE 2 Tx slots	25.05	24.86	24.70	26.00	19.05	18.86	18.70	20.00
EDGE 3 Tx slots	24.02	23.65	23.50	25.00	19.76	19.39	19.24	20.74
EDGE 4 Tx slots	22.95	22.76	22.22	24.00	19.95	19.76	19.22	21.00

Ant 0								
GSM850	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	32.59	32.86	32.55	33.70	23.59	23.86	23.55	24.70
GPRS 1 Tx slot	32.67	32.94	32.62	33.70	23.67	23.94	23.62	24.70
GPRS 2 Tx slots	31.11	31.12	30.76	32.00	25.11	25.12	24.76	26.00
GPRS 3 Tx slots	29.72	29.87	29.30	31.00	25.46	25.61	25.04	26.74
GPRS 4 Tx slots	28.60	28.74	28.15	30.00	25.60	25.74	25.15	27.00
EDGE 1 Tx slot	27.23	27.05	27.08	28.00	18.23	18.05	18.08	19.00
EDGE 2 Tx slots	25.77	25.99	25.86	27.00	19.77	19.99	19.86	21.00
EDGE 3 Tx slots	25.61	25.82	25.66	27.00	21.35	21.56	21.40	22.74
EDGE 4 Tx slots	24.61	24.82	24.51	25.00	21.61	21.82	21.51	22.00
Ant 2								
GSM1900	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	30.07	30.28	30.09	31.00	21.07	21.28	21.09	22.00
GPRS 1 Tx slot	29.83	30.09	29.91	31.00	20.83	21.09	20.91	22.00
GPRS 2 Tx slots	28.53	28.58	28.43	29.50	22.53	22.58	22.43	23.50
GPRS 3 Tx slots	28.17	28.24	27.69	29.00	23.91	23.98	23.43	24.74
GPRS 4 Tx slots	26.55	26.94	26.23	28.00	23.55	23.94	23.23	25.00
EDGE 1 Tx slot	25.16	25.03	25.07	27.00	16.16	16.03	16.07	18.00
EDGE 2 Tx slots	25.05	24.86	24.70	26.00	19.05	18.86	18.70	20.00
EDGE 3 Tx slots	24.02	23.65	23.50	25.00	19.76	19.39	19.24	20.74
EDGE 4 Tx slots	22.95	22.76	22.22	24.00	19.95	19.76	19.22	21.00

		Ant 2				Ant 2				Ant0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	24.75	24.62	24.51	25.00	23.98	24.02	24.05	25.00	24.75	24.71	23.85	25.00
3GPP Rel 99	RMC 12.2Kbps	24.78	24.68	24.53	25.00	24.03	24.10	24.09	25.00	24.78	24.75	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	23.66	23.66	23.55	24.00	22.80	22.88	22.80	24.00	23.81	23.70	22.55	24.00
3GPP Rel 6	HSDPA Subtest-2	23.64	23.71	23.52	24.00	22.89	22.94	22.88	24.00	23.79	23.69	22.51	24.00
3GPP Rel 6	HSDPA Subtest-3	23.24	23.26	23.07	23.50	22.29	22.42	22.43	23.50	23.23	23.37	22.23	23.50
3GPP Rel 6	HSDPA Subtest-4	23.28	23.35	23.05	23.50	22.33	22.46	22.42	23.50	23.31	23.32	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.62	23.64	23.44	24.00	22.78	22.95	22.84	24.00	23.76	23.80	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.55	23.76	23.49	24.00	22.72	22.87	22.94	24.00	23.70	23.72	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.30	23.26	22.99	23.50	22.36	22.50	22.35	23.50	23.26	23.28	22.15	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.21	23.20	22.95	23.50	22.47	22.39	22.42	23.50	23.28	23.23	22.15	23.50
3GPP Rel 6	HSUPA Subtest-1	23.79	23.60	23.68	24.00	22.75	22.98	22.84	24.00	23.59	23.71	22.60	24.00
3GPP Rel 6	HSUPA Subtest-2	21.79	21.66	21.63	22.00	20.90	20.99	21.08	22.00	21.59	21.56	20.82	22.00
3GPP Rel 6	HSUPA Subtest-3	22.81	22.72	22.68	23.00	21.97	22.10	22.01	23.00	22.71	22.70	21.71	23.00
3GPP Rel 6	HSUPA Subtest-4	21.78	21.82	21.64	22.00	20.97	21.03	21.12	22.00	21.47	21.58	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	23.74	23.76	23.53	24.00	22.83	22.95	22.98	24.00	23.53	23.64	22.68	24.00

		Ant 0				Ant 0				Ant 1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	24.85	24.79	24.77	25.00	24.65	24.71	24.69	25.00	24.65	24.72	23.80	25.00
3GPP Rel 99	RMC 12.2Kbps	24.87	24.83	24.80	25.00	24.70	24.75	24.72	25.00	24.70	24.76	23.82	25.00
3GPP Rel 6	HSDPA Subtest-1	23.77	23.85	23.66	24.00	23.50	23.52	23.47	24.00	23.80	23.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-2	23.77	23.83	23.63	24.00	23.53	23.56	23.59	24.00	23.80	23.72	22.49	24.00
3GPP Rel 6	HSDPA Subtest-3	23.27	23.33	23.18	23.50	22.98	23.11	23.04	23.50	23.26	23.31	22.18	23.50
3GPP Rel 6	HSDPA Subtest-4	23.37	23.43	23.13	23.50	22.94	23.14	23.09	23.50	23.24	23.36	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.70	23.75	23.64	24.00	23.39	23.57	23.52	24.00	23.72	23.76	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.69	23.83	23.55	24.00	23.48	23.51	23.59	24.00	23.68	23.80	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.31	23.34	23.19	23.50	23.06	23.21	23.05	23.50	23.23	23.25	22.13	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.39	23.29	23.10	23.50	23.09	23.09	23.08	23.50	23.30	23.18	22.19	23.50
3GPP Rel 6	HSUPA Subtest-1	23.89	23.73	23.80	24.00	23.45	23.66	23.56	24.00	23.67	23.71	22.58	24.00
3GPP Rel 6	HSUPA Subtest-2	21.82	21.72	21.79	22.00	21.64	21.68	21.76	22.00	21.53	21.51	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.94	22.82	22.84	23.00	22.69	22.78	22.73	23.00	22.61	22.74	21.65	23.00
3GPP Rel 6	HSUPA Subtest-4	21.98	21.94	21.81	22.00	21.55	21.68	21.78	22.00	21.52	21.53	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	23.83	23.82	23.59	24.00	23.55	23.63	23.70	24.00	23.57	23.66	22.70	24.00

		Ant 2			
Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.87	23.99	23.96	25.00
3GPP Rel 99	RMC 12.2Kbps	23.89	24.03	24.00	25.00
3GPP Rel 6	HSDPA Subtest-1	22.76	22.77	22.68	24.00
3GPP Rel 6	HSDPA Subtest-2	22.77	22.74	22.70	24.00
3GPP Rel 6	HSDPA Subtest-3	22.30	22.38	22.17	23.50
3GPP Rel 6	HSDPA Subtest-4	22.30	22.44	22.18	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.73	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.73	22.85	22.61	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.41	22.32	22.17	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.34	22.31	22.14	23.50
3GPP Rel 6	HSUPA Subtest-1	22.94	22.76	22.80	24.00
3GPP Rel 6	HSUPA Subtest-2	20.87	20.78	20.77	22.00
3GPP Rel 6	HSUPA Subtest-3	21.90	21.90	21.85	23.00
3GPP Rel 6	HSUPA Subtest-4	20.96	20.92	20.76	22.00
3GPP Rel 6	HSUPA Subtest-5	22.86	22.84	22.60	24.00

		Ant 0			
Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.44	21.44	21.30	23.00
3GPP Rel 99	RMC 12.2Kbps	21.45	21.47	21.32	23.00
3GPP Rel 6	HSDPA Subtest-1	20.14	20.14	20.20	22.00
3GPP Rel 6	HSDPA Subtest-2	20.18	20.24	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	19.67	19.72	19.75	21.50
3GPP Rel 6	HSDPA Subtest-4	19.61	19.85	19.82	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.12	20.30	20.15	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.07	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.73	19.82	19.69	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.77	19.77	19.71	21.50
3GPP Rel 6	HSUPA Subtest-1	20.16	20.31	20.14	22.00
3GPP Rel 6	HSUPA Subtest-2	18.25	18.32	18.37	20.00
3GPP Rel 6	HSUPA Subtest-3	19.34	19.42	19.34	21.00
3GPP Rel 6	HSUPA Subtest-4	18.30	18.36	18.45	20.00
3GPP Rel 6	HSUPA Subtest-5	20.25	20.27	20.30	22.00

		Ant 2				Ant 2				Ant0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	23.19	23.25	23.04	24.20	23.61	23.68	23.69	24.80	24.75	24.71	23.85	25.00
3GPP Rel 99	RMC 12.2Kbps	23.24	23.31	23.05	24.20	23.63	23.72	23.74	24.80	24.78	24.75	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	22.22	22.22	22.14	23.20	22.48	22.49	22.45	23.80	23.81	23.70	22.55	24.00
3GPP Rel 6	HSDPA Subtest-2	22.20	22.19	22.08	23.20	22.48	22.48	22.51	23.80	23.79	23.69	22.51	24.00
3GPP Rel 6	HSDPA Subtest-3	21.74	21.82	21.57	22.70	21.94	22.05	22.01	23.30	23.23	23.37	22.23	23.50
3GPP Rel 6	HSDPA Subtest-4	21.76	21.86	21.60	22.70	21.99	22.13	22.10	23.30	23.31	23.32	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.14	22.16	22.03	23.20	22.39	22.58	22.43	23.80	23.76	23.80	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.16	22.36	22.00	23.20	22.41	22.47	22.48	23.80	23.70	23.72	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.84	21.78	21.57	22.70	21.98	22.07	21.97	23.30	23.26	23.28	22.15	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.76	21.80	21.54	22.70	22.01	22.01	22.04	23.30	23.28	23.23	22.15	23.50
3GPP Rel 6	HSUPA Subtest-1	22.37	22.23	22.27	23.20	22.37	22.57	22.52	23.80	23.59	23.71	22.60	24.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.17	20.18	21.20	20.59	20.60	20.67	21.80	21.59	21.56	20.82	22.00
3GPP Rel 6	HSUPA Subtest-3	21.41	21.32	21.23	22.20	21.64	21.67	21.66	22.80	22.71	22.70	21.71	23.00
3GPP Rel 6	HSUPA Subtest-4	20.34	20.31	20.23	21.20	20.52	20.69	20.71	21.80	21.47	21.58	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	22.28	22.29	22.11	23.20	22.50	22.56	22.63	23.80	23.53	23.64	22.68	24.00

		Ant 0				Ant 0				Ant 1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	24.85	24.79	24.77	25.00	21.04	21.20	21.15	21.90	24.65	24.72	23.80	25.00
3GPP Rel 99	RMC 12.2Kbps	24.87	24.83	24.80	25.00	21.09	21.24	21.19	21.90	24.70	24.76	23.82	25.00
3GPP Rel 6	HSDPA Subtest-1	23.77	23.85	23.66	24.00	20.07	20.08	20.01	20.90	23.80	23.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-2	23.77	23.83	23.63	24.00	20.01	20.11	20.04	20.90	23.80	23.72	22.49	24.00
3GPP Rel 6	HSDPA Subtest-3	23.27	23.33	23.18	23.50	19.51	19.59	19.56	20.40	23.26	23.31	22.18	23.50
3GPP Rel 6	HSDPA Subtest-4	23.37	23.43	23.13	23.50	19.47	19.69	19.64	20.40	23.24	23.36	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.70	23.75	23.64	24.00	19.90	20.17	20.04	20.90	23.72	23.76	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.69	23.83	23.55	24.00	20.00	20.06	20.08	20.90	23.68	23.80	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.31	23.34	23.19	23.50	19.54	19.70	19.62	20.40	23.23	23.25	22.13	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.39	23.29	23.10	23.50	19.59	19.65	19.57	20.40	23.30	23.18	22.19	23.50
3GPP Rel 6	HSUPA Subtest-1	23.89	23.73	23.80	24.00	19.97	20.13	20.05	20.90	23.67	23.71	22.58	24.00
3GPP Rel 6	HSUPA Subtest-2	21.82	21.72	21.79	22.00	18.09	18.21	18.31	18.90	21.53	21.51	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.94	22.82	22.84	23.00	19.12	19.35	19.20	19.90	22.61	22.74	21.65	23.00
3GPP Rel 6	HSUPA Subtest-4	21.98	21.94	21.81	22.00	18.08	18.23	18.33	18.90	21.52	21.53	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	23.83	23.82	23.59	24.00	20.06	20.13	20.15	20.90	23.57	23.66	22.70	24.00

		Ant 2				Ant 2				Ant0			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	23.87	23.99	23.96	24.70	23.98	24.02	24.05	25.00	24.75	24.71	23.85	25.00
3GPP Rel 99	RMC 12.2Kbps	23.89	24.03	24.00	24.70	24.03	24.10	24.09	25.00	24.78	24.75	23.88	25.00
3GPP Rel 6	HSDPA Subtest-1	22.76	22.77	22.68	23.70	22.80	22.88	22.80	24.00	23.81	23.70	22.55	24.00
3GPP Rel 6	HSDPA Subtest-2	22.77	22.74	22.70	23.70	22.89	22.94	22.88	24.00	23.79	23.69	22.51	24.00
3GPP Rel 6	HSDPA Subtest-3	22.30	22.38	22.17	23.20	22.29	22.42	22.43	23.50	23.23	23.37	22.23	23.50
3GPP Rel 6	HSDPA Subtest-4	22.30	22.44	22.18	23.20	22.33	22.46	22.42	23.50	23.31	23.32	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.73	22.73	22.60	23.70	22.78	22.95	22.84	24.00	23.76	23.80	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.73	22.85	22.61	23.70	22.72	22.87	22.94	24.00	23.70	23.72	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.41	22.32	22.17	23.20	22.36	22.50	22.35	23.50	23.26	23.28	22.15	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.34	22.31	22.14	23.20	22.47	22.39	22.42	23.50	23.28	23.23	22.15	23.50
3GPP Rel 6	HSUPA Subtest-1	22.94	22.76	22.80	23.70	22.75	22.98	22.84	24.00	23.59	23.71	22.60	24.00
3GPP Rel 6	HSUPA Subtest-2	20.87	20.78	20.77	21.70	20.90	20.99	21.08	22.00	21.59	21.56	20.82	22.00
3GPP Rel 6	HSUPA Subtest-3	21.90	21.90	21.85	22.70	21.97	22.10	22.01	23.00	22.71	22.70	21.71	23.00
3GPP Rel 6	HSUPA Subtest-4	20.96	20.92	20.76	21.70	20.97	21.03	21.12	22.00	21.47	21.58	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	22.86	22.84	22.60	23.70	22.83	22.95	22.98	24.00	23.53	23.64	22.68	24.00

		Ant 0				Ant 0				Ant 1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	24.85	24.79	24.77	25.00	21.44	21.44	21.30	22.20	24.65	24.72	23.80	25.00
3GPP Rel 99	RMC 12.2Kbps	24.87	24.83	24.80	25.00	21.45	21.47	21.32	22.20	24.70	24.76	23.82	25.00
3GPP Rel 6	HSDPA Subtest-1	23.77	23.85	23.66	24.00	20.14	20.14	20.20	21.20	23.80	23.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-2	23.77	23.83	23.63	24.00	20.18	20.24	20.17	21.20	23.80	23.72	22.49	24.00
3GPP Rel 6	HSDPA Subtest-3	23.27	23.33	23.18	23.50	19.67	19.72	19.75	20.70	23.26	23.31	22.18	23.50
3GPP Rel 6	HSDPA Subtest-4	23.37	23.43	23.13	23.50	19.61	19.85	19.82	20.70	23.24	23.36	22.24	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.70	23.75	23.64	24.00	20.12	20.30	20.15	21.20	23.72	23.76	22.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.69	23.83	23.55	24.00	20.07	20.22	20.21	21.20	23.68	23.80	22.48	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.31	23.34	23.19	23.50	19.73	19.82	19.69	20.70	23.23	23.25	22.13	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.39	23.29	23.10	23.50	19.77	19.77	19.71	20.70	23.30	23.18	22.19	23.50
3GPP Rel 6	HSUPA Subtest-1	23.89	23.73	23.80	24.00	20.16	20.31	20.14	21.20	23.67	23.71	22.58	24.00
3GPP Rel 6	HSUPA Subtest-2	21.82	21.72	21.79	22.00	18.25	18.32	18.37	19.20	21.53	21.51	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	22.94	22.82	22.84	23.00	19.34	19.42	19.34	20.20	22.61	22.74	21.65	23.00
3GPP Rel 6	HSUPA Subtest-4	21.98	21.94	21.81	22.00	18.30	18.36	18.45	19.20	21.52	21.53	20.69	22.00
3GPP Rel 6	HSUPA Subtest-5	23.83	23.82	23.59	24.00	20.25	20.27	20.30	21.20	23.57	23.66	22.70	24.00

	Ant 0				Ant 2				Ant 0			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.69	24.66	24.05	25.00	24.66	24.70	24.57	25.00	24.63	24.61	24.68	25.00
RC3 SO55	24.70	24.70	24.09	25.00	24.66	24.70	24.58	25.00	24.66	24.64	24.67	25.00
RC3 SO32 (F+SCH)	24.71	24.73	24.04	25.00	24.61	24.64	24.57	25.00	24.69	24.73	24.70	25.00
RC3 SO32 (+SCH)	24.68	24.67	24.07	25.00	24.59	24.61	24.48	25.00	24.64	24.64	24.60	25.00
RTAP 153.6Kbps	24.68	24.74	24.06	25.00	24.63	24.68	24.59	25.00	24.70	24.75	24.71	25.00
RETAP 4096Bits	24.60	24.72	24.01	25.00	24.72	24.73	24.48	25.00	24.69	24.73	24.69	25.00

	Ant 1				Ant 0				Ant 1			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.68	24.69	24.47	25.00	24.61	24.65	24.51	25.00	24.70	24.41	24.53	25.00
RC3 SO55	24.67	24.75	24.50	25.00	24.70	24.77	24.58	25.00	24.74	24.48	24.51	25.00
RC3 SO32 (F+SCH)	24.64	24.72	24.45	25.00	24.62	24.69	24.57	25.00	24.69	24.45	24.46	25.00
RC3 SO32 (+SCH)	24.69	24.71	24.50	25.00	24.66	24.68	24.47	25.00	24.68	24.46	24.51	25.00
RTAP 153.6Kbps	24.62	24.67	24.47	25.00	24.60	24.68	24.59	25.00	24.58	24.42	24.43	25.00
RETAP 4096Bits	24.65	24.68	24.51	25.00	24.66	24.71	24.56	25.00	24.72	24.47	24.47	25.00

	Ant 0			
Band	CDMA BC1			Tune-up Limit (dBm)
TX Channel	25	600	1175	
Frequency (MHz)	1851.25	1880	1908.75	
RC1 SO55	23.18	23.14	23.04	24.70
RC3 SO55	23.16	23.28	23.00	24.70
RC3 SO32 (F+SCH)	23.10	23.12	23.02	24.70
RC3 SO32 (+SCH)	23.10	23.27	23.05	24.70
RTAP 153.6Kbps	23.16	23.24	23.04	24.70
RETAP 4096Bits	23.16	23.20	23.05	24.70

	Ant 0				Ant 2				Ant 0			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.69	24.66	24.05	25.00	22.92	22.97	22.68	23.70	24.63	24.61	24.68	25.00
RC3 SO55	24.70	24.70	24.09	25.00	22.96	22.98	22.69	23.70	24.66	24.64	24.67	25.00
RC3 SO32 (F+SCH)	24.71	24.73	24.04	25.00	22.96	22.95	22.70	23.70	24.69	24.73	24.70	25.00
RC3 SO32 (+SCH)	24.68	24.67	24.07	25.00	22.93	22.94	22.71	23.70	24.64	24.64	24.60	25.00
RTAP 153.6Kbps	24.68	24.74	24.06	25.00	22.99	23.00	22.74	23.70	24.70	24.75	24.71	25.00
RETAP 4096Bits	24.60	24.72	24.01	25.00	22.91	22.93	22.72	23.70	24.69	24.73	24.69	25.00

	Ant 1				Ant 0				Ant 1			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.68	24.69	24.47	25.00	23.29	23.28	23.38	24.10	24.70	24.41	24.53	25.00
RC3 SO55	24.67	24.75	24.50	25.00	23.33	23.39	23.41	24.10	24.74	24.48	24.51	25.00
RC3 SO32 (F+SCH)	24.64	24.72	24.45	25.00	23.28	23.35	23.50	24.10	24.69	24.45	24.46	25.00
RC3 SO32 (+SCH)	24.69	24.71	24.50	25.00	23.31	23.33	23.46	24.10	24.68	24.46	24.51	25.00
RTAP 153.6Kbps	24.62	24.67	24.47	25.00	23.36	23.44	23.52	24.10	24.58	24.42	24.43	25.00
RETAP 4096Bits	24.65	24.68	24.51	25.00	23.31	23.29	23.45	24.10	24.72	24.47	24.47	25.00

	Ant 0				Ant 2				Ant 0			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.69	24.66	24.05	25.00	23.18	23.14	23.04	23.90	24.63	24.61	24.68	25.00
RC3 SO55	24.70	24.70	24.09	25.00	23.16	23.28	23.00	23.90	24.66	24.64	24.67	25.00
RC3 SO32 (F+SCH)	24.71	24.73	24.04	25.00	23.10	23.12	23.02	23.90	24.69	24.73	24.70	25.00
RC3 SO32 (+SCH)	24.68	24.67	24.07	25.00	23.10	23.27	23.05	23.90	24.64	24.64	24.60	25.00
RTAP 153.6Kbps	24.68	24.74	24.06	25.00	23.16	23.24	23.04	23.90	24.70	24.75	24.71	25.00
RETAP 4096Bits	24.60	24.72	24.01	25.00	23.16	23.20	23.05	23.90	24.69	24.73	24.69	25.00

	Ant 1				Ant 0				Ant 1			
Band	CDMA BC0			Tune-up Limit (dBm)	CDMA BC1			Tune-up Limit (dBm)	CDMA BC10			Tune-up Limit (dBm)
TX Channel	1013	384	777		25	600	1175		476	580	684	
Frequency (MHz)	824.7	836.52	848.31		1851.25	1880	1908.75		817.9	820.5	823.1	
RC1 SO55	24.68	24.69	24.47	25.00	24.61	24.65	24.51	25.00	24.70	24.41	24.53	25.00
RC3 SO55	24.67	24.75	24.50	25.00	24.70	24.77	24.58	25.00	24.74	24.48	24.51	25.00
RC3 SO32 (F+SCH)	24.64	24.72	24.45	25.00	24.62	24.69	24.57	25.00	24.69	24.45	24.46	25.00
RC3 SO32 (+SCH)	24.69	24.71	24.50	25.00	24.66	24.68	24.47	25.00	24.68	24.46	24.51	25.00
RTAP 153.6Kbps	24.62	24.67	24.47	25.00	24.60	24.68	24.59	25.00	24.58	24.42	24.43	25.00
RETAP 4096Bits	24.65	24.68	24.51	25.00	24.66	24.71	24.56	25.00	24.72	24.47	24.47	25.00

Band 2							
Ant 2							
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	24.61	24.63	24.50	25
20	QPSK	1	49	24.54	24.59	24.41	
20	QPSK	1	99	24.48	24.50	24.37	
20	QPSK	50	0	23.64	23.66	23.60	24
20	QPSK	50	24	23.73	23.69	23.60	
20	QPSK	50	50	23.71	23.66	23.57	
20	QPSK	100	0	23.73	23.67	23.60	
20	16QAM	1	0	24.00	23.99	23.84	24
20	16QAM	1	49	23.92	23.92	23.77	
20	16QAM	1	99	23.84	23.89	23.69	
20	16QAM	50	0	22.67	22.66	22.63	23
20	16QAM	50	24	22.74	22.72	22.60	
20	16QAM	50	50	22.73	22.68	22.58	
20	16QAM	100	0	22.74	22.65	22.63	
20	64QAM	1	0	22.79	22.81	22.75	23
20	64QAM	1	49	22.80	22.84	22.63	
20	64QAM	1	99	22.73	22.69	22.51	
20	64QAM	50	0	21.69	21.71	21.63	22
20	64QAM	50	24	21.77	21.72	21.64	
20	64QAM	50	50	21.74	21.70	21.61	
20	64QAM	100	0	21.76	21.69	21.62	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.51	24.60	24.50	25
15	QPSK	1	37	24.53	24.52	24.37	
15	QPSK	1	74	24.41	24.43	24.32	
15	QPSK	36	0	23.56	23.64	23.58	24
15	QPSK	36	20	23.72	23.64	23.54	
15	QPSK	36	39	23.65	23.59	23.53	
15	QPSK	75	0	23.72	23.59	23.55	
15	16QAM	1	0	23.94	23.90	23.79	24
15	16QAM	1	37	23.85	23.86	23.70	
15	16QAM	1	74	23.84	23.87	23.63	
15	16QAM	36	0	22.66	22.65	22.56	23
15	16QAM	36	20	22.73	22.63	22.58	
15	16QAM	36	39	22.64	22.59	22.52	
15	16QAM	75	0	22.72	22.58	22.56	
15	64QAM	1	0	22.74	22.75	22.66	23
15	64QAM	1	37	22.70	22.76	22.60	
15	64QAM	1	74	22.64	22.67	22.43	
15	64QAM	36	0	21.66	21.64	21.56	22
15	64QAM	36	20	21.77	21.68	21.63	
15	64QAM	36	39	21.70	21.61	21.53	
15	64QAM	75	0	21.67	21.65	21.57	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.55	24.60	24.47	25
10	QPSK	1	25	24.47	24.55	24.41	
10	QPSK	1	49	24.40	24.42	24.34	
10	QPSK	25	0	23.54	23.60	23.52	24
10	QPSK	25	12	23.73	23.68	23.53	
10	QPSK	25	25	23.70	23.61	23.51	
10	QPSK	50	0	23.65	23.64	23.50	
10	16QAM	1	0	23.94	23.95	23.77	24
10	16QAM	1	25	23.90	23.83	23.68	
10	16QAM	1	49	23.74	23.85	23.67	
10	16QAM	25	0	22.62	22.65	22.55	23
10	16QAM	25	12	22.71	22.62	22.59	
10	16QAM	25	25	22.64	22.68	22.52	
10	16QAM	50	0	22.74	22.60	22.61	
10	64QAM	1	0	22.74	22.74	22.74	23
10	64QAM	1	25	22.74	22.79	22.59	
10	64QAM	1	49	22.73	22.61	22.45	
10	64QAM	25	0	21.63	21.66	21.60	22
10	64QAM	25	12	21.72	21.66	21.64	
10	64QAM	25	25	21.70	21.63	21.58	
10	64QAM	50	0	21.75	21.66	21.55	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.54	24.62	24.46	25
5	QPSK	1	12	24.53	24.52	24.32	
5	QPSK	1	24	24.45	24.42	24.31	
5	QPSK	12	0	23.54	23.63	23.56	24
5	QPSK	12	7	23.63	23.63	23.52	
5	QPSK	12	13	23.64	23.65	23.56	
5	QPSK	25	0	23.72	23.67	23.53	
5	16QAM	1	0	23.99	23.92	23.83	24
5	16QAM	1	12	23.87	23.88	23.67	
5	16QAM	1	24	23.76	23.85	23.64	
5	16QAM	12	0	22.67	22.64	22.59	23
5	16QAM	12	7	22.69	22.71	22.58	
5	16QAM	12	13	22.69	22.59	22.54	
5	16QAM	25	0	22.67	22.63	22.56	
5	64QAM	1	0	22.78	22.78	22.70	23
5	64QAM	1	12	22.75	22.80	22.63	
5	64QAM	1	24	22.65	22.62	22.42	
5	64QAM	12	0	21.61	21.61	21.62	22
5	64QAM	12	7	21.71	21.71	21.55	
5	64QAM	12	13	21.70	21.60	21.60	
5	64QAM	25	0	21.73	21.68	21.62	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.60	24.55	24.46	25
3	QPSK	1	8	24.52	24.55	24.34	
3	QPSK	1	14	24.39	24.40	24.36	
3	QPSK	8	0	23.56	23.58	23.57	24
3	QPSK	8	4	23.72	23.67	23.56	
3	QPSK	8	7	23.65	23.59	23.48	
3	QPSK	15	0	23.64	23.57	23.59	
3	16QAM	1	0	23.95	23.98	23.77	24
3	16QAM	1	8	23.85	23.86	23.68	
3	16QAM	1	14	23.80	23.83	23.61	
3	16QAM	8	0	22.64	22.66	22.56	23
3	16QAM	8	4	22.73	22.64	22.51	
3	16QAM	8	7	22.68	22.58	22.52	
3	16QAM	15	0	22.74	22.56	22.63	
3	64QAM	1	0	22.76	22.72	22.70	23
3	64QAM	1	8	22.70	22.78	22.62	
3	64QAM	1	14	22.66	22.69	22.51	
3	64QAM	8	0	21.66	21.65	21.62	22
3	64QAM	8	4	21.70	21.71	21.54	
3	64QAM	8	7	21.68	21.68	21.60	
3	64QAM	15	0	21.67	21.60	21.59	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.60	24.61	24.43	25
1.4	QPSK	1	3	24.51	24.49	24.31	
1.4	QPSK	1	5	24.44	24.48	24.37	
1.4	QPSK	3	0	24.61	24.57	24.43	
1.4	QPSK	3	1	24.52	24.51	24.38	
1.4	QPSK	3	3	24.40	24.50	24.36	
1.4	QPSK	6	0	23.70	23.60	23.51	24
1.4	16QAM	1	0	23.96	23.99	23.78	24
1.4	16QAM	1	3	23.90	23.85	23.70	
1.4	16QAM	1	5	23.77	23.79	23.67	
1.4	16QAM	3	0	23.65	23.60	23.60	
1.4	16QAM	3	1	23.71	23.59	23.47	
1.4	16QAM	3	3	23.72	23.67	23.57	
1.4	16QAM	6	0	22.69	22.62	22.63	23
1.4	64QAM	1	0	22.73	22.78	22.68	23
1.4	64QAM	1	3	22.74	22.83	22.55	
1.4	64QAM	1	5	22.69	22.62	22.47	
1.4	64QAM	3	0	22.73	22.57	22.59	
1.4	64QAM	3	1	22.75	22.74	22.74	
1.4	64QAM	3	3	22.70	22.76	22.62	
1.4	64QAM	6	0	21.68	21.69	21.58	22

Band 4

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.90	23.94	23.98	25
20	QPSK	1	49	23.74	23.76	23.79	
20	QPSK	1	99	23.72	23.75	23.78	
20	QPSK	50	0	23.25	23.28	23.31	24
20	QPSK	50	24	23.27	23.21	23.33	
20	QPSK	50	50	23.21	23.20	23.24	
20	QPSK	100	0	23.25	23.24	23.30	
20	16QAM	1	0	23.54	23.59	23.62	24
20	16QAM	1	49	23.40	23.42	23.46	
20	16QAM	1	99	23.36	23.38	23.40	
20	16QAM	50	0	22.25	22.29	22.32	23
20	16QAM	50	24	22.29	22.23	22.31	
20	16QAM	50	50	22.22	22.22	22.24	
20	16QAM	100	0	22.24	22.21	22.32	
20	64QAM	1	0	22.42	22.48	22.47	23
20	64QAM	1	49	22.30	22.33	22.31	
20	64QAM	1	99	22.32	22.34	22.32	
20	64QAM	50	0	21.27	21.32	21.35	22
20	64QAM	50	24	21.28	21.26	21.34	
20	64QAM	50	50	21.23	21.24	21.28	
20	64QAM	100	0	21.27	21.24	21.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.89	23.94	23.88	25
15	QPSK	1	37	23.65	23.69	23.79	
15	QPSK	1	74	23.62	23.72	23.78	
15	QPSK	36	0	23.16	23.22	23.24	24
15	QPSK	36	20	23.19	23.17	23.25	
15	QPSK	36	39	23.16	23.10	23.24	
15	QPSK	75	0	23.22	23.22	23.25	
15	16QAM	1	0	23.50	23.51	23.55	24
15	16QAM	1	37	23.36	23.35	23.45	
15	16QAM	1	74	23.28	23.29	23.40	
15	16QAM	36	0	22.15	22.28	22.25	23
15	16QAM	36	20	22.22	22.14	22.23	
15	16QAM	36	39	22.17	22.13	22.18	
15	16QAM	75	0	22.15	22.21	22.26	
15	64QAM	1	0	22.33	22.47	22.38	23
15	64QAM	1	37	22.26	22.31	22.31	
15	64QAM	1	74	22.32	22.34	22.30	
15	64QAM	36	0	21.20	21.31	21.35	22
15	64QAM	36	20	21.18	21.23	21.28	
15	64QAM	36	39	21.20	21.19	21.24	
15	64QAM	75	0	21.20	21.23	21.26	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.84	23.85	23.96	25
10	QPSK	1	25	23.73	23.68	23.77	
10	QPSK	1	49	23.68	23.66	23.77	
10	QPSK	25	0	23.25	23.18	23.29	24
10	QPSK	25	12	23.25	23.15	23.31	
10	QPSK	25	25	23.11	23.20	23.21	
10	QPSK	50	0	23.20	23.14	23.21	
10	16QAM	1	0	23.53	23.56	23.52	24
10	16QAM	1	25	23.35	23.33	23.40	
10	16QAM	1	49	23.36	23.35	23.39	
10	16QAM	25	0	22.15	22.25	22.27	23
10	16QAM	25	12	22.20	22.20	22.25	
10	16QAM	25	25	22.13	22.21	22.18	
10	16QAM	50	0	22.23	22.13	22.24	
10	64QAM	1	0	22.32	22.40	22.45	23
10	64QAM	1	25	22.27	22.29	22.25	
10	64QAM	1	49	22.30	22.34	22.24	
10	64QAM	25	0	21.17	21.23	21.26	22
10	64QAM	25	12	21.18	21.25	21.28	
10	64QAM	25	25	21.16	21.16	21.27	
10	64QAM	50	0	21.21	21.15	21.23	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.88	23.90	23.89	25
5	QPSK	1	12	23.67	23.70	23.76	
5	QPSK	1	24	23.63	23.72	23.71	
5	QPSK	12	0	23.25	23.20	23.24	24
5	QPSK	12	7	23.27	23.12	23.28	
5	QPSK	12	13	23.21	23.14	23.23	
5	QPSK	25	0	23.15	23.15	23.25	
5	16QAM	1	0	23.50	23.52	23.55	24
5	16QAM	1	12	23.36	23.34	23.46	
5	16QAM	1	24	23.28	23.29	23.30	
5	16QAM	12	0	22.20	22.25	22.23	23
5	16QAM	12	7	22.28	22.14	22.30	
5	16QAM	12	13	22.20	22.19	22.22	
5	16QAM	25	0	22.23	22.15	22.31	
5	64QAM	1	0	22.34	22.42	22.41	23
5	64QAM	1	12	22.20	22.23	22.28	
5	64QAM	1	24	22.27	22.27	22.27	
5	64QAM	12	0	21.23	21.22	21.33	22
5	64QAM	12	7	21.18	21.21	21.26	
5	64QAM	12	13	21.13	21.22	21.20	
5	64QAM	25	0	21.26	21.21	21.33	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.83	23.88	23.93	25
3	QPSK	1	8	23.73	23.74	23.79	
3	QPSK	1	14	23.67	23.70	23.73	
3	QPSK	8	0	23.23	23.18	23.31	24
3	QPSK	8	4	23.22	23.15	23.33	
3	QPSK	8	7	23.17	23.16	23.23	
3	QPSK	15	0	23.22	23.23	23.24	
3	16QAM	1	0	23.53	23.49	23.56	24
3	16QAM	1	8	23.35	23.33	23.45	
3	16QAM	1	14	23.36	23.30	23.31	
3	16QAM	8	0	22.24	22.19	22.23	23
3	16QAM	8	4	22.19	22.17	22.22	
3	16QAM	8	7	22.17	22.18	22.16	
3	16QAM	15	0	22.16	22.14	22.31	
3	64QAM	1	0	22.42	22.47	22.37	23
3	64QAM	1	8	22.30	22.23	22.29	
3	64QAM	1	14	22.26	22.34	22.27	
3	64QAM	8	0	21.22	21.26	21.27	22
3	64QAM	8	4	21.21	21.26	21.24	
3	64QAM	8	7	21.15	21.15	21.25	
3	64QAM	15	0	21.24	21.19	21.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.80	23.93	23.97	25
1.4	QPSK	1	3	23.69	23.67	23.74	
1.4	QPSK	1	5	23.72	23.75	23.72	
1.4	QPSK	3	0	23.78	23.88	23.92	
1.4	QPSK	3	1	23.64	23.64	23.67	
1.4	QPSK	3	3	23.72	23.69	23.68	
1.4	QPSK	6	0	23.24	23.21	23.28	24
1.4	16QAM	1	0	23.49	23.59	23.57	24
1.4	16QAM	1	3	23.39	23.34	23.45	
1.4	16QAM	1	5	23.29	23.29	23.30	
1.4	16QAM	3	0	23.46	23.49	23.49	
1.4	16QAM	3	1	23.32	23.29	23.42	
1.4	16QAM	3	3	23.27	23.21	23.23	
1.4	16QAM	6	0	22.21	22.15	22.22	23
1.4	64QAM	1	0	22.39	22.46	22.43	23
1.4	64QAM	1	3	22.29	22.26	22.26	
1.4	64QAM	1	5	22.23	22.31	22.28	
1.4	64QAM	3	0	22.29	22.42	22.39	
1.4	64QAM	3	1	22.25	22.24	22.20	
1.4	64QAM	3	3	22.19	22.27	22.28	
1.4	64QAM	6	0	21.25	21.19	21.28	22

Band 5							
Ant 0							
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	24.40	24.37	24.38	25
10	QPSK	1	25	24.27	24.29	24.30	
10	QPSK	1	49	24.32	24.33	24.28	
10	QPSK	25	0	23.43	23.41	23.40	24
10	QPSK	25	12	23.49	23.41	23.42	
10	QPSK	25	25	23.46	23.44	23.45	
10	QPSK	50	0	23.50	23.50	23.39	
10	16QAM	1	0	23.77	23.74	23.72	24
10	16QAM	1	25	23.69	23.70	23.66	
10	16QAM	1	49	23.69	23.66	23.61	
10	16QAM	25	0	22.44	22.42	22.40	23
10	16QAM	25	12	22.52	22.41	22.39	
10	16QAM	25	25	22.46	22.43	22.40	
10	16QAM	50	0	22.53	22.48	22.41	
10	64QAM	1	0	22.58	22.58	22.57	23
10	64QAM	1	25	22.64	22.63	22.46	
10	64QAM	1	49	22.56	22.60	22.11	
10	64QAM	25	0	21.44	21.43	21.45	22
10	64QAM	25	12	21.55	21.44	21.45	
10	64QAM	25	25	21.51	21.48	21.08	
10	64QAM	50	0	21.54	21.52	21.32	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.34	24.37	24.34	25
5	QPSK	1	12	24.22	24.21	24.22	
5	QPSK	1	24	24.24	24.31	24.26	
5	QPSK	12	0	23.38	23.35	23.35	24
5	QPSK	12	7	23.46	23.31	23.33	
5	QPSK	12	13	23.37	23.39	23.41	
5	QPSK	25	0	23.42	23.43	23.31	
5	16QAM	1	0	23.73	23.68	23.71	24
5	16QAM	1	12	23.68	23.70	23.59	
5	16QAM	1	24	23.64	23.56	23.59	
5	16QAM	12	0	22.37	22.37	22.33	23
5	16QAM	12	7	22.46	22.41	22.33	
5	16QAM	12	13	22.38	22.35	22.33	
5	16QAM	25	0	22.48	22.38	22.39	
5	64QAM	1	0	22.48	22.58	22.50	23
5	64QAM	1	12	22.61	22.58	22.41	
5	64QAM	1	24	22.54	22.52	22.07	
5	64QAM	12	0	21.36	21.34	21.44	22
5	64QAM	12	7	21.55	21.40	21.43	
5	64QAM	12	13	21.45	21.48	21.05	
5	64QAM	25	0	21.44	21.52	21.25	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.32	24.27	24.32	25
3	QPSK	1	8	24.19	24.23	24.30	
3	QPSK	1	14	24.26	24.27	24.25	
3	QPSK	8	0	23.42	23.41	23.31	24
3	QPSK	8	4	23.46	23.37	23.35	
3	QPSK	8	7	23.37	23.39	23.35	
3	QPSK	15	0	23.42	23.49	23.36	
3	16QAM	1	0	23.72	23.66	23.69	24
3	16QAM	1	8	23.66	23.65	23.65	
3	16QAM	1	14	23.65	23.59	23.56	
3	16QAM	8	0	22.44	22.32	22.36	23
3	16QAM	8	4	22.51	22.33	22.34	
3	16QAM	8	7	22.46	22.43	22.34	
3	16QAM	15	0	22.53	22.44	22.37	
3	64QAM	1	0	22.51	22.54	22.47	23
3	64QAM	1	8	22.57	22.63	22.44	
3	64QAM	1	14	22.48	22.50	22.09	
3	64QAM	8	0	21.39	21.40	21.40	22
3	64QAM	8	4	21.46	21.43	21.35	
3	64QAM	8	7	21.51	21.45	21.05	
3	64QAM	15	0	21.45	21.43	21.27	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.30	24.33	24.36	25
1.4	QPSK	1	3	24.20	24.24	24.27	
1.4	QPSK	1	5	24.32	24.29	24.24	
1.4	QPSK	3	0	24.22	24.32	24.32	
1.4	QPSK	3	1	24.10	24.24	24.27	
1.4	QPSK	3	3	24.29	24.19	24.18	
1.4	QPSK	6	0	23.44	23.41	23.30	24
1.4	16QAM	1	0	23.76	23.71	23.70	24
1.4	16QAM	1	3	23.62	23.63	23.56	
1.4	16QAM	1	5	23.63	23.61	23.60	
1.4	16QAM	3	0	23.76	23.64	23.63	
1.4	16QAM	3	1	23.53	23.55	23.50	
1.4	16QAM	3	3	23.60	23.55	23.54	
1.4	16QAM	6	0	22.52	22.40	22.40	23
1.4	64QAM	1	0	22.52	22.52	22.52	23
1.4	64QAM	1	3	22.54	22.57	22.45	
1.4	64QAM	1	5	22.53	22.50	22.01	
1.4	64QAM	3	0	22.44	22.48	22.50	
1.4	64QAM	3	1	22.51	22.52	22.42	
1.4	64QAM	3	3	22.52	22.49	21.96	
1.4	64QAM	6	0	21.49	21.50	21.32	22

Band 7							
Ant 2							
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	24.38	24.26	24.26	25
20	QPSK	1	49	24.41	24.30	24.28	
20	QPSK	1	99	24.42	24.40	24.36	
20	QPSK	50	0	23.53	23.40	23.42	24
20	QPSK	50	24	23.55	23.53	23.49	
20	QPSK	50	50	23.48	23.52	23.46	
20	QPSK	100	0	23.54	23.40	23.47	
20	16QAM	1	0	23.70	23.65	23.64	24
20	16QAM	1	49	23.73	23.70	23.67	
20	16QAM	1	99	23.75	23.78	23.72	
20	16QAM	50	0	22.53	22.38	22.44	23
20	16QAM	50	24	22.56	22.50	22.49	
20	16QAM	50	50	22.49	22.53	22.48	
20	16QAM	100	0	22.53	22.41	22.47	
20	64QAM	1	0	22.61	22.46	22.42	23
20	64QAM	1	49	22.65	22.52	22.36	
20	64QAM	1	99	22.57	22.64	22.29	
20	64QAM	50	0	21.55	21.42	21.20	22
20	64QAM	50	24	21.58	21.53	21.31	
20	64QAM	50	50	21.52	21.54	21.41	
20	64QAM	100	0	21.56	21.44	21.20	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.33	24.23	24.16	25
15	QPSK	1	37	24.36	24.25	24.18	
15	QPSK	1	74	24.37	24.33	24.29	
15	QPSK	36	0	23.47	23.40	23.37	24
15	QPSK	36	20	23.51	23.43	23.43	
15	QPSK	36	39	23.44	23.47	23.43	
15	QPSK	75	0	23.49	23.35	23.41	
15	16QAM	1	0	23.61	23.63	23.63	24
15	16QAM	1	37	23.73	23.65	23.67	
15	16QAM	1	74	23.67	23.71	23.69	
15	16QAM	36	0	22.48	22.30	22.35	23
15	16QAM	36	20	22.55	22.47	22.49	
15	16QAM	36	39	22.39	22.53	22.41	
15	16QAM	75	0	22.45	22.34	22.38	
15	64QAM	1	0	22.58	22.46	22.33	23
15	64QAM	1	37	22.61	22.44	22.28	
15	64QAM	1	74	22.48	22.60	22.22	
15	64QAM	36	0	21.45	21.36	21.17	22
15	64QAM	36	20	21.52	21.43	21.25	
15	64QAM	36	39	21.48	21.51	21.34	
15	64QAM	75	0	21.54	21.34	21.12	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.28	24.17	24.20	25
10	QPSK	1	25	24.40	24.22	24.23	
10	QPSK	1	49	24.32	24.39	24.35	
10	QPSK	25	0	23.44	23.32	23.34	24
10	QPSK	25	12	23.53	23.45	23.39	
10	QPSK	25	25	23.46	23.45	23.43	
10	QPSK	50	0	23.49	23.31	23.44	
10	16QAM	1	0	23.65	23.57	23.55	24
10	16QAM	1	25	23.73	23.69	23.63	
10	16QAM	1	49	23.66	23.75	23.66	
10	16QAM	25	0	22.44	22.28	22.41	23
10	16QAM	25	12	22.50	22.43	22.48	
10	16QAM	25	25	22.43	22.47	22.40	
10	16QAM	50	0	22.44	22.38	22.40	
10	64QAM	1	0	22.58	22.40	22.35	23
10	64QAM	1	25	22.64	22.45	22.32	
10	64QAM	1	49	22.55	22.56	22.23	
10	64QAM	25	0	21.49	21.41	21.18	22
10	64QAM	25	12	21.57	21.47	21.23	
10	64QAM	25	25	21.48	21.45	21.34	
10	64QAM	50	0	21.50	21.37	21.14	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.36	24.24	24.21	25
5	QPSK	1	12	24.35	24.24	24.23	
5	QPSK	1	24	24.41	24.39	24.27	
5	QPSK	12	0	23.48	23.36	23.34	24
5	QPSK	12	7	23.47	23.46	23.39	
5	QPSK	12	13	23.48	23.43	23.38	
5	QPSK	25	0	23.50	23.40	23.38	
5	16QAM	1	0	23.70	23.61	23.56	24
5	16QAM	1	12	23.64	23.65	23.57	
5	16QAM	1	24	23.66	23.73	23.70	
5	16QAM	12	0	22.44	22.32	22.44	23
5	16QAM	12	7	22.54	22.42	22.42	
5	16QAM	12	13	22.43	22.47	22.45	
5	16QAM	25	0	22.48	22.39	22.39	
5	64QAM	1	0	22.53	22.39	22.38	23
5	64QAM	1	12	22.60	22.44	22.32	
5	64QAM	1	24	22.57	22.54	22.29	
5	64QAM	12	0	21.55	21.40	21.11	22
5	64QAM	12	7	21.56	21.51	21.22	
5	64QAM	12	13	21.52	21.52	21.34	
5	64QAM	25	0	21.56	21.38	21.17	

Band 12							
Ant 0							
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	24.32	24.27	24.27	25
10	QPSK	1	25	24.30	24.30	24.33	
10	QPSK	1	49	24.37	24.38	24.31	
10	QPSK	25	0	23.43	23.46	23.43	24
10	QPSK	25	12	23.50	23.42	23.45	
10	QPSK	25	25	23.51	23.53	23.50	
10	QPSK	50	0	23.52	23.46	23.47	
10	16QAM	1	0	23.73	23.65	23.64	24
10	16QAM	1	25	23.70	23.72	23.69	
10	16QAM	1	49	23.77	23.74	23.72	
10	16QAM	25	0	22.44	22.46	22.47	23
10	16QAM	25	12	22.51	22.47	22.46	
10	16QAM	25	25	22.49	22.51	22.51	
10	16QAM	50	0	22.53	22.47	22.44	
10	64QAM	1	0	22.53	22.47	22.49	23
10	64QAM	1	25	22.61	22.64	22.61	
10	64QAM	1	49	22.67	22.60	22.60	
10	64QAM	25	0	21.46	21.47	21.48	22
10	64QAM	25	12	21.56	21.49	21.49	
10	64QAM	25	25	21.51	21.55	21.53	
10	64QAM	50	0	21.55	21.48	21.49	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.31	24.26	24.21	25
5	QPSK	1	12	24.22	24.21	24.24	
5	QPSK	1	24	24.36	24.30	24.25	
5	QPSK	12	0	23.40	23.46	23.42	24
5	QPSK	12	7	23.46	23.40	23.41	
5	QPSK	12	13	23.48	23.43	23.46	
5	QPSK	25	0	23.48	23.42	23.47	
5	16QAM	1	0	23.71	23.63	23.59	24
5	16QAM	1	12	23.69	23.62	23.61	
5	16QAM	1	24	23.76	23.72	23.65	
5	16QAM	12	0	22.34	22.38	22.43	23
5	16QAM	12	7	22.46	22.43	22.43	
5	16QAM	12	13	22.39	22.43	22.45	
5	16QAM	25	0	22.47	22.44	22.36	
5	64QAM	1	0	22.49	22.46	22.49	23
5	64QAM	1	12	22.58	22.61	22.57	
5	64QAM	1	24	22.63	22.50	22.54	
5	64QAM	12	0	21.38	21.40	21.46	22
5	64QAM	12	7	21.55	21.46	21.45	
5	64QAM	12	13	21.46	21.51	21.43	
5	64QAM	25	0	21.49	21.38	21.41	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.28	24.17	24.21	25
3	QPSK	1	8	24.20	24.29	24.27	
3	QPSK	1	14	24.32	24.28	24.23	
3	QPSK	8	0	23.40	23.38	23.39	24
3	QPSK	8	4	23.44	23.41	23.40	
3	QPSK	8	7	23.41	23.42	23.50	
3	QPSK	15	0	23.42	23.38	23.38	
3	16QAM	1	0	23.71	23.56	23.63	24
3	16QAM	1	8	23.61	23.68	23.63	
3	16QAM	1	14	23.73	23.73	23.72	
3	16QAM	8	0	22.41	22.37	22.41	23
3	16QAM	8	4	22.42	22.45	22.45	
3	16QAM	8	7	22.46	22.43	22.51	
3	16QAM	15	0	22.51	22.45	22.43	
3	64QAM	1	0	22.46	22.37	22.40	23
3	64QAM	1	8	22.56	22.60	22.59	
3	64QAM	1	14	22.59	22.51	22.60	
3	64QAM	8	0	21.40	21.37	21.47	22
3	64QAM	8	4	21.48	21.43	21.49	
3	64QAM	8	7	21.51	21.54	21.44	
3	64QAM	15	0	21.54	21.45	21.41	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.29	24.18	24.23	25
1.4	QPSK	1	3	24.24	24.30	24.29	
1.4	QPSK	1	5	24.29	24.28	24.27	
1.4	QPSK	3	0	24.23	24.11	24.15	
1.4	QPSK	3	1	24.14	24.22	24.23	
1.4	QPSK	3	3	24.19	24.18	24.22	
1.4	QPSK	6	0	23.51	23.37	23.41	24
1.4	16QAM	1	0	23.69	23.60	23.63	24
1.4	16QAM	1	3	23.66	23.68	23.65	
1.4	16QAM	1	5	23.75	23.69	23.68	
1.4	16QAM	3	0	23.65	23.50	23.63	
1.4	16QAM	3	1	23.62	23.63	23.61	
1.4	16QAM	3	3	23.69	23.62	23.58	
1.4	16QAM	6	0	22.44	22.44	22.35	23
1.4	64QAM	1	0	22.48	22.47	22.48	23
1.4	64QAM	1	3	22.55	22.61	22.61	
1.4	64QAM	1	5	22.58	22.53	22.57	
1.4	64QAM	3	0	22.38	22.40	22.40	
1.4	64QAM	3	1	22.51	22.59	22.52	
1.4	64QAM	3	3	22.58	22.53	22.53	
1.4	64QAM	6	0	21.50	21.38	21.46	22

Band 13							
Ant 0							
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		24.52		25
10	QPSK	1	25		24.48		
10	QPSK	1	49		24.45		
10	QPSK	25	0		23.54		24
10	QPSK	25	12		23.56		
10	QPSK	25	25		23.61		
10	QPSK	50	0		23.60		
10	16QAM	1	0		23.79		24
10	16QAM	1	25		23.82		
10	16QAM	1	49		23.82		
10	16QAM	25	0		22.56		23
10	16QAM	25	12		22.62		
10	16QAM	25	25		22.63		
10	16QAM	50	0		22.58		
10	64QAM	1	0		22.74		23
10	64QAM	1	25		22.72		
10	64QAM	1	49		22.75		
10	64QAM	25	0		21.58		22
10	64QAM	25	12		21.64		
10	64QAM	25	25		21.64		
10	64QAM	50	0		21.59		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.38	24.36	24.39	25
5	QPSK	1	12	24.43	24.48	24.40	
5	QPSK	1	24	24.47	24.48	24.42	
5	QPSK	12	0	23.53	23.45	23.50	24
5	QPSK	12	7	23.56	23.56	23.47	
5	QPSK	12	13	23.57	23.60	23.54	
5	QPSK	25	0	23.51	23.55	23.59	
5	16QAM	1	0	23.69	23.74	23.76	24
5	16QAM	1	12	23.81	23.72	23.77	
5	16QAM	1	24	23.80	23.72	23.73	
5	16QAM	12	0	22.51	22.50	22.53	23
5	16QAM	12	7	22.54	22.55	22.60	
5	16QAM	12	13	22.61	22.56	22.60	
5	16QAM	25	0	22.50	22.52	22.56	
5	64QAM	1	0	22.71	22.65	22.72	23
5	64QAM	1	12	22.71	22.69	22.64	
5	64QAM	1	24	22.75	22.65	22.66	
5	64QAM	12	0	21.55	21.50	21.51	22
5	64QAM	12	7	21.58	21.63	21.56	
5	64QAM	12	13	21.63	21.57	21.59	
5	64QAM	25	0	21.59	21.49	21.59	

Band 14							
Ant 0							
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		24.45		25
10	QPSK	1	25		24.40		
10	QPSK	1	49		24.35		
10	QPSK	25	0		23.49		24
10	QPSK	25	12		23.52		
10	QPSK	25	25		23.56		
10	QPSK	50	0		23.48		
10	16QAM	1	0		23.89		24
10	16QAM	1	25		23.76		
10	16QAM	1	49		23.78		
10	16QAM	25	0		22.50		23
10	16QAM	25	12		22.51		
10	16QAM	25	25		22.54		
10	16QAM	50	0		22.48		
10	64QAM	1	0		22.70		23
10	64QAM	1	25		22.76		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.53		22
10	64QAM	25	12		21.53		
10	64QAM	25	25		21.59		
10	64QAM	50	0		21.51		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.38	24.44	24.43	25
5	QPSK	1	12	24.41	24.36	24.42	
5	QPSK	1	24	24.30	24.27	24.31	
5	QPSK	12	0	23.39	23.43	23.43	24
5	QPSK	12	7	23.49	23.44	23.47	
5	QPSK	12	13	23.55	23.46	23.55	
5	QPSK	25	0	23.42	23.43	23.48	
5	16QAM	1	0	23.82	23.81	23.87	24
5	16QAM	1	12	23.68	23.68	23.69	
5	16QAM	1	24	23.70	23.70	23.78	
5	16QAM	12	0	22.50	22.41	22.41	23
5	16QAM	12	7	22.41	22.50	22.46	
5	16QAM	12	13	22.51	22.49	22.51	
5	16QAM	25	0	22.41	22.48	22.39	
5	64QAM	1	0	22.70	22.61	22.65	23
5	64QAM	1	12	22.75	22.68	22.75	
5	64QAM	1	24	22.60	22.63	22.54	
5	64QAM	12	0	21.51	21.47	21.46	22
5	64QAM	12	7	21.44	21.47	21.47	
5	64QAM	12	13	21.50	21.54	21.54	
5	64QAM	25	0	21.42	21.49	21.51	

Band 17							
Ant 0							
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	24.28	24.29	24.25	25
10	QPSK	1	25	24.33	24.32	24.31	
10	QPSK	1	49	24.38	24.37	24.32	
10	QPSK	25	0	23.38	23.38	23.37	24
10	QPSK	25	12	23.54	23.45	23.44	
10	QPSK	25	25	23.54	23.54	23.54	
10	QPSK	50	0	23.52	23.43	23.43	
10	16QAM	1	0	23.65	23.64	23.64	24
10	16QAM	1	25	23.69	23.69	23.71	
10	16QAM	1	49	23.71	23.73	23.70	
10	16QAM	25	0	22.38	22.39	22.40	23
10	16QAM	25	12	22.54	22.45	22.45	
10	16QAM	25	25	22.54	22.58	22.51	
10	16QAM	50	0	22.52	22.43	22.41	
10	64QAM	1	0	22.56	22.51	22.53	23
10	64QAM	1	25	22.64	22.64	22.66	
10	64QAM	1	49	22.64	22.64	22.62	
10	64QAM	25	0	21.43	21.42	21.43	22
10	64QAM	25	12	21.58	21.50	21.49	
10	64QAM	25	25	21.57	21.55	21.57	
10	64QAM	50	0	21.54	21.46	21.44	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.20	24.23	24.22	25
5	QPSK	1	12	24.23	24.32	24.28	
5	QPSK	1	24	24.31	24.33	24.27	
5	QPSK	12	0	23.33	23.29	23.31	24
5	QPSK	12	7	23.48	23.45	23.43	
5	QPSK	12	13	23.48	23.53	23.45	
5	QPSK	25	0	23.51	23.38	23.39	
5	16QAM	1	0	23.63	23.62	23.59	24
5	16QAM	1	12	23.68	23.61	23.68	
5	16QAM	1	24	23.68	23.73	23.65	
5	16QAM	12	0	22.34	22.29	22.31	23
5	16QAM	12	7	22.44	22.35	22.45	
5	16QAM	12	13	22.54	22.55	22.45	
5	16QAM	25	0	22.42	22.40	22.35	
5	64QAM	1	0	22.48	22.44	22.53	23
5	64QAM	1	12	22.60	22.54	22.62	
5	64QAM	1	24	22.61	22.54	22.54	
5	64QAM	12	0	21.35	21.36	21.37	22
5	64QAM	12	7	21.49	21.49	21.46	
5	64QAM	12	13	21.55	21.47	21.54	
5	64QAM	25	0	21.52	21.42	21.43	

Band 25

Ant 2

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	24.60	24.62	24.52	25
20	QPSK	1	49	24.52	24.58	24.39	
20	QPSK	1	99	24.46	24.55	24.30	
20	QPSK	50	0	23.64	23.69	23.59	24
20	QPSK	50	24	23.73	23.77	23.58	
20	QPSK	50	50	23.66	23.71	23.52	
20	QPSK	100	0	23.71	23.65	23.58	
20	16QAM	1	0	23.96	23.97	23.84	24
20	16QAM	1	49	23.88	23.94	23.75	
20	16QAM	1	99	23.82	23.92	23.65	
20	16QAM	50	0	22.65	22.71	22.61	23
20	16QAM	50	24	22.72	22.79	22.57	
20	16QAM	50	50	22.67	22.71	22.53	
20	16QAM	100	0	22.71	22.67	22.60	
20	64QAM	1	0	22.78	22.83	22.77	23
20	64QAM	1	49	22.78	22.78	22.62	
20	64QAM	1	99	22.70	22.80	22.30	
20	64QAM	50	0	21.68	21.73	21.63	22
20	64QAM	50	24	21.74	21.82	21.61	
20	64QAM	50	50	21.68	21.74	21.56	
20	64QAM	100	0	21.72	21.70	21.57	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.52	24.60	24.45	25
15	QPSK	1	37	24.50	24.56	24.36	
15	QPSK	1	74	24.42	24.47	24.20	
15	QPSK	36	0	23.60	23.60	23.55	24
15	QPSK	36	20	23.67	23.77	23.49	
15	QPSK	36	39	23.57	23.67	23.52	
15	QPSK	75	0	23.71	23.60	23.50	
15	16QAM	1	0	23.88	23.90	23.80	24
15	16QAM	1	37	23.79	23.93	23.72	
15	16QAM	1	74	23.82	23.88	23.64	
15	16QAM	36	0	22.61	22.63	22.57	23
15	16QAM	36	20	22.63	22.77	22.48	
15	16QAM	36	39	22.63	22.65	22.45	
15	16QAM	75	0	22.66	22.60	22.51	
15	64QAM	1	0	22.78	22.82	22.72	23
15	64QAM	1	37	22.69	22.74	22.61	
15	64QAM	1	74	22.64	22.71	22.30	
15	64QAM	36	0	21.62	21.64	21.54	22
15	64QAM	36	20	21.68	21.82	21.60	
15	64QAM	36	39	21.66	21.71	21.53	
15	64QAM	75	0	21.65	21.64	21.55	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.56	24.60	24.43	25
10	QPSK	1	25	24.44	24.48	24.34	
10	QPSK	1	49	24.46	24.47	24.26	
10	QPSK	25	0	23.55	23.61	23.59	24
10	QPSK	25	12	23.69	23.70	23.54	
10	QPSK	25	25	23.59	23.69	23.47	
10	QPSK	50	0	23.63	23.63	23.56	
10	16QAM	1	0	23.95	23.87	23.74	24
10	16QAM	1	25	23.84	23.92	23.67	
10	16QAM	1	49	23.80	23.87	23.64	
10	16QAM	25	0	22.60	22.66	22.61	23
10	16QAM	25	12	22.63	22.75	22.57	
10	16QAM	25	25	22.66	22.69	22.45	
10	16QAM	50	0	22.69	22.58	22.50	
10	64QAM	1	0	22.72	22.75	22.68	23
10	64QAM	1	25	22.72	22.70	22.62	
10	64QAM	1	49	22.69	22.73	22.29	
10	64QAM	25	0	21.63	21.64	21.57	22
10	64QAM	25	12	21.66	21.74	21.58	
10	64QAM	25	25	21.58	21.70	21.54	
10	64QAM	50	0	21.71	21.70	21.49	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.54	24.61	24.48	25
5	QPSK	1	12	24.49	24.51	24.33	
5	QPSK	1	24	24.37	24.54	24.27	
5	QPSK	12	0	23.56	23.67	23.49	24
5	QPSK	12	7	23.72	23.76	23.56	
5	QPSK	12	13	23.64	23.71	23.52	
5	QPSK	25	0	23.69	23.59	23.55	
5	16QAM	1	0	23.89	23.95	23.83	24
5	16QAM	1	12	23.81	23.84	23.68	
5	16QAM	1	24	23.73	23.82	23.62	
5	16QAM	12	0	22.62	22.71	22.53	23
5	16QAM	12	7	22.64	22.69	22.48	
5	16QAM	12	13	22.67	22.66	22.49	
5	16QAM	25	0	22.70	22.57	22.51	
5	64QAM	1	0	22.76	22.80	22.77	23
5	64QAM	1	12	22.70	22.72	22.54	
5	64QAM	1	24	22.63	22.71	22.26	
5	64QAM	12	0	21.66	21.69	21.58	22
5	64QAM	12	7	21.67	21.79	21.59	
5	64QAM	12	13	21.68	21.69	21.56	
5	64QAM	25	0	21.72	21.65	21.48	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.53	24.61	24.43	25
3	QPSK	1	8	24.44	24.53	24.37	
3	QPSK	1	14	24.41	24.54	24.28	
3	QPSK	8	0	23.64	23.67	23.53	24
3	QPSK	8	4	23.67	23.68	23.57	
3	QPSK	8	7	23.59	23.70	23.52	
3	QPSK	15	0	23.62	23.55	23.53	
3	16QAM	1	0	23.88	23.89	23.79	24
3	16QAM	1	8	23.88	23.94	23.66	
3	16QAM	1	14	23.72	23.88	23.65	
3	16QAM	8	0	22.61	22.67	22.57	23
3	16QAM	8	4	22.63	22.73	22.47	
3	16QAM	8	7	22.61	22.69	22.50	
3	16QAM	15	0	22.69	22.59	22.53	
3	64QAM	1	0	22.76	22.82	22.72	23
3	64QAM	1	8	22.74	22.74	22.60	
3	64QAM	1	14	22.67	22.76	22.27	
3	64QAM	8	0	21.61	21.64	21.53	22
3	64QAM	8	4	21.64	21.77	21.55	
3	64QAM	8	7	21.59	21.66	21.53	
3	64QAM	15	0	21.69	21.70	21.54	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.55	24.60	24.52	25
1.4	QPSK	1	3	24.46	24.50	24.39	
1.4	QPSK	1	5	24.38	24.47	24.30	
1.4	QPSK	3	0	24.57	24.52	24.45	
1.4	QPSK	3	1	24.44	24.52	24.31	
1.4	QPSK	3	3	24.40	24.51	24.29	
1.4	QPSK	6	0	23.71	23.58	23.50	24
1.4	16QAM	1	0	23.86	23.88	23.80	24
1.4	16QAM	1	3	23.81	23.89	23.66	
1.4	16QAM	1	5	23.78	23.84	23.65	
1.4	16QAM	3	0	23.69	23.72	23.48	
1.4	16QAM	3	1	23.66	23.63	23.52	
1.4	16QAM	3	3	23.69	23.60	23.53	
1.4	16QAM	6	0	22.71	22.63	22.54	23
1.4	64QAM	1	0	22.70	22.83	22.67	23
1.4	64QAM	1	3	22.71	22.68	22.52	
1.4	64QAM	1	5	22.68	22.73	22.29	
1.4	64QAM	3	0	22.62	22.65	22.55	
1.4	64QAM	3	1	22.62	22.78	22.48	
1.4	64QAM	3	3	22.66	22.71	22.44	
1.4	64QAM	6	0	21.62	21.61	21.57	22

Band 26							
Ant 0							
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	24.39	24.31	24.28	25
15	QPSK	1	37	24.30	24.29	24.28	
15	QPSK	1	74	24.32	24.29	24.17	
15	QPSK	36	0	23.46	23.41	23.42	24
15	QPSK	36	20	23.54	23.45	23.48	
15	QPSK	36	39	23.47	23.44	23.40	
15	QPSK	75	0	23.50	23.39	23.41	
15	16QAM	1	0	23.68	23.60	23.62	24
15	16QAM	1	37	23.62	23.63	23.61	
15	16QAM	1	74	23.64	23.59	23.47	
15	16QAM	36	0	22.49	22.44	22.45	23
15	16QAM	36	20	22.51	22.43	22.47	
15	16QAM	36	39	22.49	22.46	22.42	
15	16QAM	75	0	22.53	22.43	22.42	
15	64QAM	1	0	22.52	22.49	22.49	23
15	64QAM	1	37	22.58	22.54	22.52	
15	64QAM	1	74	22.57	22.55	22.05	
15	64QAM	36	0	21.50	21.50	21.49	22
15	64QAM	36	20	21.53	21.44	21.51	
15	64QAM	36	39	21.51	21.51	21.47	
15	64QAM	75	0	21.53	21.44	21.45	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.29	24.23	24.27	25
10	QPSK	1	25	24.25	24.27	24.27	
10	QPSK	1	49	24.26	24.21	24.17	
10	QPSK	25	0	23.41	23.42	23.35	24
10	QPSK	25	12	23.49	23.38	23.43	
10	QPSK	25	25	23.42	23.39	23.36	
10	QPSK	50	0	23.43	23.33	23.39	
10	16QAM	1	0	23.60	23.60	23.57	24
10	16QAM	1	25	23.54	23.54	23.53	
10	16QAM	1	49	23.62	23.53	23.42	
10	16QAM	25	0	22.41	22.38	22.40	23
10	16QAM	25	12	22.44	22.37	22.47	
10	16QAM	25	25	22.49	22.40	22.41	
10	16QAM	50	0	22.49	22.39	22.32	
10	64QAM	1	0	22.45	22.41	22.46	23
10	64QAM	1	25	22.49	22.54	22.47	
10	64QAM	1	49	22.54	22.48	22.03	
10	64QAM	25	0	21.50	21.48	21.49	22
10	64QAM	25	12	21.44	21.43	21.51	
10	64QAM	25	25	21.48	21.45	21.37	
10	64QAM	50	0	21.43	21.44	21.38	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.29	24.27	24.19	25
5	QPSK	1	12	24.23	24.28	24.18	
5	QPSK	1	24	24.32	24.30	24.17	
5	QPSK	12	0	23.42	23.37	23.39	24
5	QPSK	12	7	23.51	23.41	23.45	
5	QPSK	12	13	23.47	23.37	23.30	
5	QPSK	25	0	23.43	23.37	23.40	
5	16QAM	1	0	23.68	23.53	23.58	24
5	16QAM	1	12	23.54	23.55	23.56	
5	16QAM	1	24	23.56	23.58	23.44	
5	16QAM	12	0	22.42	22.35	22.37	23
5	16QAM	12	7	22.46	22.42	22.41	
5	16QAM	12	13	22.46	22.41	22.42	
5	16QAM	25	0	22.52	22.41	22.38	
5	64QAM	1	0	22.43	22.45	22.45	23
5	64QAM	1	12	22.54	22.53	22.47	
5	64QAM	1	24	22.55	22.54	21.95	
5	64QAM	12	0	21.47	21.46	21.41	22
5	64QAM	12	7	21.52	21.39	21.48	
5	64QAM	12	13	21.49	21.45	21.45	
5	64QAM	25	0	21.51	21.35	21.39	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.28	24.22	24.24	25
3	QPSK	1	8	24.24	24.25	24.27	
3	QPSK	1	14	24.30	24.29	24.16	
3	QPSK	8	0	23.45	23.42	23.32	24
3	QPSK	8	4	23.53	23.36	23.41	
3	QPSK	8	7	23.47	23.37	23.37	
3	QPSK	15	0	23.43	23.34	23.37	
3	16QAM	1	0	23.64	23.59	23.56	24
3	16QAM	1	8	23.57	23.55	23.61	
3	16QAM	1	14	23.61	23.55	23.41	
3	16QAM	8	0	22.44	22.40	22.43	23
3	16QAM	8	4	22.42	22.36	22.46	
3	16QAM	8	7	22.49	22.40	22.32	
3	16QAM	15	0	22.51	22.33	22.38	
3	64QAM	1	0	22.44	22.40	22.42	23
3	64QAM	1	8	22.50	22.48	22.43	
3	64QAM	1	14	22.57	22.49	21.97	
3	64QAM	8	0	21.45	21.48	21.40	22
3	64QAM	8	4	21.47	21.41	21.44	
3	64QAM	8	7	21.49	21.44	21.42	
3	64QAM	15	0	21.43	21.44	21.39	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.26	24.21	24.25	25
1.4	QPSK	1	3	24.25	24.27	24.25	
1.4	QPSK	1	5	24.29	24.25	24.15	
1.4	QPSK	3	0	24.33	24.15	24.20	
1.4	QPSK	3	1	24.19	24.17	24.16	
1.4	QPSK	3	3	24.27	24.25	24.05	
1.4	QPSK	6	0	23.46	23.38	23.35	24
1.4	16QAM	1	0	23.66	23.50	23.60	24
1.4	16QAM	1	3	23.62	23.63	23.61	
1.4	16QAM	1	5	23.64	23.56	23.45	
1.4	16QAM	3	0	23.58	23.46	23.54	
1.4	16QAM	3	1	23.60	23.63	23.61	
1.4	16QAM	3	3	23.61	23.55	23.40	
1.4	16QAM	6	0	22.50	22.35	22.42	23
1.4	64QAM	1	0	22.42	22.49	22.45	23
1.4	64QAM	1	3	22.51	22.49	22.43	
1.4	64QAM	1	5	22.47	22.54	22.05	
1.4	64QAM	3	0	22.33	22.47	22.38	
1.4	64QAM	3	1	22.45	22.42	22.42	
1.4	64QAM	3	3	22.37	22.47	21.95	
1.4	64QAM	6	0	21.52	21.36	21.40	22

Band 30							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.48		25
10	QPSK	1	25		24.38		
10	QPSK	1	49		24.36		
10	QPSK	25	0		23.42		24
10	QPSK	25	12		23.48		
10	QPSK	25	25		23.49		
10	QPSK	50	0		23.46		
10	16QAM	1	0		23.76		24
10	16QAM	1	25		23.77		
10	16QAM	1	49		23.74		
10	16QAM	25	0		22.42		23
10	16QAM	25	12		22.47		
10	16QAM	25	25		22.49		
10	16QAM	50	0		22.44		
10	64QAM	1	0		22.58		23
10	64QAM	1	25		22.70		
10	64QAM	1	49		22.54		
10	64QAM	25	0		21.44		22
10	64QAM	25	12		21.51		
10	64QAM	25	25		21.50		
10	64QAM	50	0		21.51		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.42	24.38	24.46	25
5	QPSK	1	12	24.35	24.35	24.35	
5	QPSK	1	24	24.29	24.29	24.33	
5	QPSK	12	0	23.35	23.33	23.35	24
5	QPSK	12	7	23.38	23.39	23.48	
5	QPSK	12	13	23.40	23.43	23.46	
5	QPSK	25	0	23.40	23.45	23.44	
5	16QAM	1	0	23.74	23.70	23.74	24
5	16QAM	1	12	23.75	23.76	23.70	
5	16QAM	1	24	23.71	23.69	23.70	
5	16QAM	12	0	22.32	22.39	22.34	23
5	16QAM	12	7	22.42	22.44	22.47	
5	16QAM	12	13	22.49	22.42	22.43	
5	16QAM	25	0	22.40	22.43	22.41	
5	64QAM	1	0	22.58	22.49	22.57	23
5	64QAM	1	12	22.68	22.70	22.61	
5	64QAM	1	24	22.44	22.45	22.47	
5	64QAM	12	0	21.35	21.38	21.37	22
5	64QAM	12	7	21.43	21.43	21.42	
5	64QAM	12	13	21.45	21.47	21.42	
5	64QAM	25	0	21.51	21.45	21.47	

Band 66

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.83	23.92	23.94	25
20	QPSK	1	49	23.77	23.89	23.83	
20	QPSK	1	99	23.78	23.82	23.75	
20	QPSK	50	0	23.19	23.29	23.25	24
20	QPSK	50	24	23.25	23.26	23.30	
20	QPSK	50	50	23.20	23.30	23.23	
20	QPSK	100	0	23.21	23.23	23.32	
20	16QAM	1	0	23.41	23.59	23.60	24
20	16QAM	1	49	23.41	23.52	23.48	
20	16QAM	1	99	23.46	23.43	23.35	
20	16QAM	50	0	22.19	22.30	22.28	23
20	16QAM	50	24	22.25	22.26	22.33	
20	16QAM	50	50	22.22	22.28	22.26	
20	16QAM	100	0	22.21	22.25	22.33	
20	64QAM	1	0	22.31	22.44	22.44	23
20	64QAM	1	49	22.26	22.32	22.35	
20	64QAM	1	99	22.32	22.33	22.13	
20	64QAM	50	0	21.21	21.17	21.30	22
20	64QAM	50	24	21.27	21.30	21.33	
20	64QAM	50	50	21.23	21.30	21.25	
20	64QAM	100	0	21.25	21.28	21.33	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.73	23.82	23.87	25
15	QPSK	1	37	23.74	23.87	23.76	
15	QPSK	1	74	23.74	23.74	23.65	
15	QPSK	36	0	23.09	23.25	23.24	24
15	QPSK	36	20	23.22	23.19	23.20	
15	QPSK	36	39	23.14	23.28	23.18	
15	QPSK	75	0	23.17	23.21	23.23	
15	16QAM	1	0	23.32	23.49	23.55	24
15	16QAM	1	37	23.34	23.48	23.38	
15	16QAM	1	74	23.39	23.38	23.25	
15	16QAM	36	0	22.16	22.23	22.25	23
15	16QAM	36	20	22.21	22.17	22.27	
15	16QAM	36	39	22.16	22.18	22.21	
15	16QAM	75	0	22.17	22.16	22.25	
15	64QAM	1	0	22.28	22.42	22.36	23
15	64QAM	1	37	22.17	22.24	22.26	
15	64QAM	1	74	22.31	22.29	22.11	
15	64QAM	36	0	21.13	21.16	21.29	22
15	64QAM	36	20	21.26	21.25	21.24	
15	64QAM	36	39	21.16	21.28	21.22	
15	64QAM	75	0	21.16	21.20	21.26	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.80	23.91	23.88	25
10	QPSK	1	25	23.68	23.84	23.75	
10	QPSK	1	49	23.72	23.73	23.75	
10	QPSK	25	0	23.18	23.19	23.25	24
10	QPSK	25	12	23.25	23.22	23.29	
10	QPSK	25	25	23.13	23.24	23.23	
10	QPSK	50	0	23.17	23.14	23.30	
10	16QAM	1	0	23.34	23.54	23.54	24
10	16QAM	1	25	23.37	23.50	23.41	
10	16QAM	1	49	23.43	23.33	23.34	
10	16QAM	25	0	22.19	22.29	22.28	23
10	16QAM	25	12	22.21	22.23	22.27	
10	16QAM	25	25	22.22	22.18	22.25	
10	16QAM	50	0	22.17	22.20	22.23	
10	64QAM	1	0	22.30	22.34	22.36	23
10	64QAM	1	25	22.18	22.25	22.26	
10	64QAM	1	49	22.22	22.25	22.04	
10	64QAM	25	0	21.13	21.12	21.25	22
10	64QAM	25	12	21.20	21.25	21.24	
10	64QAM	25	25	21.14	21.26	21.25	
10	64QAM	50	0	21.16	21.26	21.23	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.79	23.87	23.89	25
5	QPSK	1	12	23.70	23.85	23.78	
5	QPSK	1	24	23.74	23.77	23.70	
5	QPSK	12	0	23.12	23.23	23.21	24
5	QPSK	12	7	23.19	23.17	23.20	
5	QPSK	12	13	23.17	23.26	23.17	
5	QPSK	25	0	23.15	23.17	23.22	
5	16QAM	1	0	23.34	23.55	23.50	24
5	16QAM	1	12	23.38	23.46	23.38	
5	16QAM	1	24	23.40	23.33	23.25	
5	16QAM	12	0	22.18	22.27	22.26	23
5	16QAM	12	7	22.25	22.19	22.24	
5	16QAM	12	13	22.12	22.19	22.18	
5	16QAM	25	0	22.13	22.23	22.24	
5	64QAM	1	0	22.26	22.39	22.35	23
5	64QAM	1	12	22.22	22.23	22.35	
5	64QAM	1	24	22.24	22.28	22.13	
5	64QAM	12	0	21.19	21.15	21.22	22
5	64QAM	12	7	21.22	21.30	21.25	
5	64QAM	12	13	21.21	21.22	21.25	
5	64QAM	25	0	21.24	21.19	21.32	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.76	23.90	23.88	25
3	QPSK	1	8	23.70	23.86	23.77	
3	QPSK	1	14	23.70	23.81	23.72	
3	QPSK	8	0	23.16	23.20	23.16	24
3	QPSK	8	4	23.18	23.23	23.26	
3	QPSK	8	7	23.17	23.30	23.13	
3	QPSK	15	0	23.11	23.23	23.25	
3	16QAM	1	0	23.41	23.52	23.50	24
3	16QAM	1	8	23.39	23.50	23.41	
3	16QAM	1	14	23.44	23.39	23.27	
3	16QAM	8	0	22.12	22.22	22.27	23
3	16QAM	8	4	22.20	22.23	22.33	
3	16QAM	8	7	22.14	22.25	22.16	
3	16QAM	15	0	22.17	22.24	22.26	
3	64QAM	1	0	22.24	22.34	22.38	23
3	64QAM	1	8	22.18	22.27	22.25	
3	64QAM	1	14	22.23	22.32	22.06	
3	64QAM	8	0	21.15	21.11	21.28	22
3	64QAM	8	4	21.23	21.20	21.24	
3	64QAM	8	7	21.21	21.29	21.17	
3	64QAM	15	0	21.16	21.24	21.33	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.80	23.84	23.91	25
1.4	QPSK	1	3	23.73	23.85	23.81	
1.4	QPSK	1	5	23.74	23.76	23.70	
1.4	QPSK	3	0	23.80	23.80	23.81	
1.4	QPSK	3	1	23.68	23.78	23.74	
1.4	QPSK	3	3	23.65	23.70	23.69	
1.4	QPSK	6	0	23.14	23.15	23.22	24
1.4	16QAM	1	0	23.38	23.56	23.51	24
1.4	16QAM	1	3	23.37	23.52	23.41	
1.4	16QAM	1	5	23.46	23.33	23.32	
1.4	16QAM	3	0	23.36	23.54	23.44	
1.4	16QAM	3	1	23.33	23.44	23.36	
1.4	16QAM	3	3	23.38	23.28	23.28	
1.4	16QAM	6	0	22.12	22.20	22.23	23
1.4	64QAM	1	0	22.26	22.35	22.40	23
1.4	64QAM	1	3	22.22	22.22	22.26	
1.4	64QAM	1	5	22.22	22.31	22.12	
1.4	64QAM	3	0	22.19	22.29	22.37	
1.4	64QAM	3	1	22.14	22.13	22.23	
1.4	64QAM	3	3	22.21	22.24	22.10	
1.4	64QAM	6	0	21.24	21.27	21.32	22

Band 71							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.41	24.33	24.29	25
20	QPSK	1	49	24.30	24.32	24.32	
20	QPSK	1	99	24.34	24.33	24.28	
20	QPSK	50	0	23.58	23.49	23.45	24
20	QPSK	50	24	23.53	23.43	23.44	
20	QPSK	50	50	23.49	23.41	23.40	
20	QPSK	100	0	23.50	23.46	23.43	
20	16QAM	1	0	23.77	23.66	23.61	24
20	16QAM	1	49	23.65	23.69	23.67	
20	16QAM	1	99	23.67	23.70	23.59	
20	16QAM	50	0	22.47	22.40	22.40	23
20	16QAM	50	24	22.50	22.43	22.43	
20	16QAM	50	50	22.50	22.52	22.51	
20	16QAM	100	0	22.49	22.42	22.47	
20	64QAM	1	0	22.58	22.44	22.45	23
20	64QAM	1	49	22.54	22.54	22.55	
20	64QAM	1	99	22.58	22.57	22.50	
20	64QAM	50	0	21.48	21.41	21.41	22
20	64QAM	50	24	21.53	21.48	21.47	
20	64QAM	50	50	21.49	21.54	21.55	
20	64QAM	100	0	21.52	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.35	24.19	24.27	25
15	QPSK	1	37	24.23	24.29	24.26	
15	QPSK	1	74	24.34	24.28	24.20	
15	QPSK	36	0	23.39	23.31	23.33	24
15	QPSK	36	20	23.46	23.40	23.41	
15	QPSK	36	39	23.49	23.43	23.45	
15	QPSK	75	0	23.40	23.36	23.45	
15	16QAM	1	0	23.73	23.62	23.53	24
15	16QAM	1	37	23.58	23.63	23.59	
15	16QAM	1	74	23.66	23.69	23.51	
15	16QAM	36	0	22.38	22.34	22.33	23
15	16QAM	36	20	22.40	22.38	22.40	
15	16QAM	36	39	22.42	22.44	22.43	
15	16QAM	75	0	22.45	22.40	22.42	
15	64QAM	1	0	22.53	22.38	22.45	23
15	64QAM	1	37	22.45	22.54	22.54	
15	64QAM	1	74	22.52	22.52	22.40	
15	64QAM	36	0	21.39	21.35	21.33	22
15	64QAM	36	20	21.52	21.48	21.40	
15	64QAM	36	39	21.41	21.53	21.50	
15	64QAM	75	0	21.45	21.32	21.48	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.32	24.26	24.27	25
10	QPSK	1	25	24.27	24.31	24.25	
10	QPSK	1	49	24.26	24.23	24.21	
10	QPSK	25	0	23.39	23.34	23.31	24
10	QPSK	25	12	23.51	23.38	23.36	
10	QPSK	25	25	23.47	23.43	23.45	
10	QPSK	50	0	23.41	23.34	23.42	
10	16QAM	1	0	23.69	23.57	23.54	24
10	16QAM	1	25	23.59	23.65	23.67	
10	16QAM	1	49	23.59	23.63	23.57	
10	16QAM	25	0	22.42	22.40	22.40	23
10	16QAM	25	12	22.43	22.39	22.43	
10	16QAM	25	25	22.43	22.43	22.50	
10	16QAM	50	0	22.46	22.40	22.45	
10	64QAM	1	0	22.48	22.38	22.40	23
10	64QAM	1	25	22.50	22.52	22.50	
10	64QAM	1	49	22.58	22.53	22.49	
10	64QAM	25	0	21.42	21.41	21.37	22
10	64QAM	25	12	21.48	21.48	21.42	
10	64QAM	25	25	21.39	21.48	21.46	
10	64QAM	50	0	21.50	21.36	21.48	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.36	24.21	24.19	25
5	QPSK	1	12	24.24	24.27	24.29	
5	QPSK	1	24	24.28	24.23	24.21	
5	QPSK	12	0	23.42	23.37	23.35	24
5	QPSK	12	7	23.51	23.36	23.43	
5	QPSK	12	13	23.44	23.42	23.47	
5	QPSK	25	0	23.45	23.35	23.40	
5	16QAM	1	0	23.72	23.61	23.54	24
5	16QAM	1	12	23.56	23.69	23.67	
5	16QAM	1	24	23.58	23.62	23.55	
5	16QAM	12	0	22.44	22.38	22.38	23
5	16QAM	12	7	22.45	22.33	22.33	
5	16QAM	12	13	22.43	22.51	22.48	
5	16QAM	25	0	22.41	22.39	22.40	
5	64QAM	1	0	22.48	22.36	22.40	23
5	64QAM	1	12	22.47	22.52	22.55	
5	64QAM	1	24	22.54	22.47	22.48	
5	64QAM	12	0	21.48	21.36	21.36	22
5	64QAM	12	7	21.45	21.47	21.44	
5	64QAM	12	13	21.45	21.47	21.53	
5	64QAM	25	0	21.42	21.37	21.49	

Band 2

Ant 0							
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	24.77	24.84	25
20	QPSK	1	49	24.78	24.73	24.63	
20	QPSK	1	99	24.68	24.71	24.74	
20	QPSK	50	0	23.83	23.79	23.78	24
20	QPSK	50	24	23.84	23.81	23.81	
20	QPSK	50	50	23.90	23.89	23.81	
20	QPSK	100	0	23.85	23.89	23.80	
20	16QAM	1	0	23.90	23.90	23.81	24
20	16QAM	1	49	23.90	23.90	23.88	
20	16QAM	1	99	23.88	23.85	23.83	
20	16QAM	50	0	22.86	22.81	22.83	23
20	16QAM	50	24	22.84	22.90	22.83	
20	16QAM	50	50	22.82	22.90	22.82	
20	16QAM	100	0	22.84	22.88	22.81	
20	64QAM	1	0	22.89	22.82	22.88	23
20	64QAM	1	49	22.84	22.86	21.93	
20	64QAM	1	99	22.25	22.86	22.90	
20	64QAM	50	0	21.87	21.82	21.17	22
20	64QAM	50	24	21.87	21.84	21.10	
20	64QAM	50	50	21.35	21.81	21.78	
20	64QAM	100	0	21.89	21.90	21.41	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.69	24.76	24.83	25
15	QPSK	1	37	24.78	24.70	24.53	
15	QPSK	1	74	24.64	24.64	24.74	
15	QPSK	36	0	23.79	23.77	23.75	24
15	QPSK	36	20	23.89	23.81	23.80	
15	QPSK	36	39	23.84	23.89	23.88	
15	QPSK	75	0	23.83	23.81	23.76	
15	16QAM	1	0	23.84	23.80	23.80	24
15	16QAM	1	37	23.87	23.89	23.78	
15	16QAM	1	74	23.88	22.82	23.90	
15	16QAM	36	0	22.82	22.72	22.83	23
15	16QAM	36	20	22.84	22.87	22.82	
15	16QAM	36	39	22.88	22.80	22.82	
15	16QAM	75	0	22.82	22.88	22.79	
15	64QAM	1	0	22.83	22.79	22.90	23
15	64QAM	1	37	22.74	22.81	21.85	
15	64QAM	1	74	22.17	22.84	22.81	
15	64QAM	36	0	21.82	21.73	21.10	22
15	64QAM	36	20	21.84	21.89	21.10	
15	64QAM	36	39	21.26	21.81	21.77	
15	64QAM	75	0	21.85	21.80	21.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.77	24.76	24.77	25
10	QPSK	1	25	24.70	24.64	24.63	
10	QPSK	1	49	24.68	24.64	24.70	
10	QPSK	25	0	23.78	23.73	23.76	24
10	QPSK	25	12	23.90	23.86	23.80	
10	QPSK	25	25	23.81	23.88	23.86	
10	QPSK	50	0	22.81	23.82	23.77	
10	16QAM	1	0	23.90	23.89	23.84	24
10	16QAM	1	25	23.83	23.83	23.85	
10	16QAM	1	49	23.88	23.85	23.89	
10	16QAM	25	0	22.85	22.72	22.83	23
10	16QAM	25	12	22.87	22.86	22.78	
10	16QAM	25	25	22.89	22.89	22.89	
10	16QAM	50	0	22.88	22.78	22.80	
10	64QAM	1	0	22.90	22.75	22.83	23
10	64QAM	1	25	22.79	22.83	21.93	
10	64QAM	1	49	22.23	22.87	22.89	
10	64QAM	25	0	21.85	21.81	21.08	22
10	64QAM	25	12	21.79	21.83	21.07	
10	64QAM	25	25	21.25	21.89	21.72	
10	64QAM	50	0	21.81	21.88	21.39	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.71	24.77	25
5	QPSK	1	12	24.78	24.66	24.63	
5	QPSK	1	24	24.63	24.66	24.64	
5	QPSK	12	0	23.77	23.75	23.68	24
5	QPSK	12	7	23.85	23.85	23.78	
5	QPSK	12	13	23.84	23.86	23.82	
5	QPSK	25	0	23.89	23.89	23.78	
5	16QAM	1	0	23.81	23.83	23.89	24
5	16QAM	1	12	23.89	23.86	23.78	
5	16QAM	1	24	23.82	23.83	23.84	
5	16QAM	12	0	22.86	22.80	22.78	23
5	16QAM	12	7	22.84	22.80	22.73	
5	16QAM	12	13	22.84	22.87	22.86	
5	16QAM	25	0	22.87	22.83	22.78	
5	64QAM	1	0	22.90	22.74	22.85	23
5	64QAM	1	12	22.79	22.85	21.86	
5	64QAM	1	24	22.18	22.84	22.86	
5	64QAM	12	0	21.82	21.75	21.14	22
5	64QAM	12	7	21.81	21.85	21.08	
5	64QAM	12	13	21.29	21.82	21.70	
5	64QAM	25	0	21.83	21.90	21.41	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.78	24.71	24.81	25
3	QPSK	1	8	24.75	24.67	24.58	
3	QPSK	1	14	24.61	24.70	24.74	
3	QPSK	8	0	23.73	23.75	23.68	24
3	QPSK	8	4	23.86	23.84	23.78	
3	QPSK	8	7	23.90	23.87	23.85	
3	QPSK	15	0	23.85	23.84	23.73	
3	16QAM	1	0	23.84	23.80	23.87	24
3	16QAM	1	8	23.86	23.81	23.85	
3	16QAM	1	14	23.86	22.81	22.81	
3	16QAM	8	0	22.85	22.77	22.77	23
3	16QAM	8	4	22.81	22.84	22.81	
3	16QAM	8	7	22.88	22.80	22.83	
3	16QAM	15	0	22.84	22.80	22.77	
3	64QAM	1	0	22.87	22.72	22.83	23
3	64QAM	1	8	22.81	22.82	21.83	
3	64QAM	1	14	22.25	22.87	22.88	
3	64QAM	8	0	21.87	21.80	21.10	22
3	64QAM	8	4	21.86	21.87	21.01	
3	64QAM	8	7	21.27	21.81	21.70	
3	64QAM	15	0	21.79	21.85	21.39	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.75	24.76	24.83	25
1.4	QPSK	1	3	24.77	24.69	24.57	
1.4	QPSK	1	5	24.67	24.63	24.67	
1.4	QPSK	3	0	24.75	24.73	24.83	
1.4	QPSK	3	1	24.67	24.60	24.47	
1.4	QPSK	3	3	24.59	24.63	24.60	
1.4	QPSK	6	0	23.86	23.84	23.76	24
1.4	16QAM	1	0	23.80	23.82	23.82	24
1.4	16QAM	1	3	23.84	23.85	23.80	
1.4	16QAM	1	5	23.86	23.89	23.90	
1.4	16QAM	3	0	23.80	23.82	23.72	
1.4	16QAM	3	1	23.81	23.83	23.76	
1.4	16QAM	3	3	23.82	23.79	23.81	
1.4	16QAM	6	0	22.87	22.82	22.72	23
1.4	64QAM	1	0	22.81	22.76	22.82	23
1.4	64QAM	1	3	22.79	22.86	21.87	
1.4	64QAM	1	5	22.23	22.82	22.90	
1.4	64QAM	3	0	22.90	22.67	22.86	
1.4	64QAM	3	1	22.76	22.87	21.79	
1.4	64QAM	3	3	22.20	22.82	22.85	
1.4	64QAM	6	0	21.86	21.82	21.37	22

Band 4

Ant 0

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	24.35	24.97	23.15	25
20	QPSK	1	49	24.80	23.59	23.90	
20	QPSK	1	99	24.68	23.07	24.79	
20	QPSK	50	0	24.00	23.73	22.64	24
20	QPSK	50	24	23.94	22.46	23.24	
20	QPSK	50	50	23.95	22.43	23.91	
20	QPSK	100	0	24.00	22.80	22.99	
20	16QAM	1	0	23.76	23.96	22.39	24
20	16QAM	1	49	23.95	22.82	23.34	
20	16QAM	1	99	23.99	22.06	23.91	
20	16QAM	50	0	22.98	22.96	21.76	23
20	16QAM	50	24	22.92	21.95	22.37	
20	16QAM	50	50	22.96	21.61	22.93	
20	16QAM	100	0	23.00	22.27	22.33	
20	64QAM	1	0	21.40	22.98	21.66	23
20	64QAM	1	49	22.95	21.02	21.43	
20	64QAM	1	99	22.30	21.31	23.00	
20	64QAM	50	0	21.70	21.24	20.88	22
20	64QAM	50	24	21.93	20.00	20.56	
20	64QAM	50	50	21.99	20.20	21.35	
20	64QAM	100	0	21.78	20.47	20.39	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.27	24.97	23.07	25
15	QPSK	1	37	24.77	23.57	23.80	
15	QPSK	1	74	24.58	23.04	24.71	
15	QPSK	36	0	23.92	23.67	22.57	24
15	QPSK	36	20	23.85	22.40	23.18	
15	QPSK	36	39	23.87	22.35	23.85	
15	QPSK	75	0	23.93	22.72	22.95	
15	16QAM	1	0	23.74	23.88	22.35	24
15	16QAM	1	37	23.91	22.74	23.27	
15	16QAM	1	74	23.96	22.00	23.81	
15	16QAM	36	0	22.95	22.86	21.66	23
15	16QAM	36	20	22.87	21.91	22.36	
15	16QAM	36	39	22.96	21.52	22.85	
15	16QAM	75	0	22.96	22.17	22.30	
15	64QAM	1	0	21.39	22.92	21.66	23
15	64QAM	1	37	22.90	21.98	21.41	
15	64QAM	1	74	22.20	21.30	22.94	
15	64QAM	36	0	21.68	21.15	20.82	22
15	64QAM	36	20	21.91	20.77	20.47	
15	64QAM	36	39	21.94	20.10	21.32	
15	64QAM	75	0	21.74	20.42	20.29	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.26	24.87	23.11	25
10	QPSK	1	25	24.77	23.50	23.80	
10	QPSK	1	49	24.64	23.04	24.78	
10	QPSK	25	0	23.99	23.68	22.57	24
10	QPSK	25	12	23.85	22.38	23.18	
10	QPSK	25	25	23.87	22.42	23.90	
10	QPSK	50	0	23.91	22.73	22.93	
10	16QAM	1	0	23.76	23.90	22.29	24
10	16QAM	1	25	23.90	22.79	23.26	
10	16QAM	1	49	23.97	22.19	23.88	
10	16QAM	25	0	22.88	22.96	21.75	23
10	16QAM	25	12	22.84	21.95	22.37	
10	16QAM	25	25	22.93	21.61	22.91	
10	16QAM	50	0	22.91	22.17	22.23	
10	64QAM	1	0	21.32	22.89	21.62	23
10	64QAM	1	25	22.87	21.01	21.41	
10	64QAM	1	49	22.23	21.28	22.98	
10	64QAM	25	0	21.60	21.16	20.88	22
10	64QAM	25	12	21.88	20.98	20.49	
10	64QAM	25	25	21.98	20.13	21.27	
10	64QAM	50	0	21.72	20.38	20.33	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.35	24.90	23.05	25
5	QPSK	1	12	24.75	23.52	23.85	
5	QPSK	1	24	24.59	23.04	24.79	
5	QPSK	12	0	23.92	23.66	22.57	24
5	QPSK	12	7	23.89	22.46	23.24	
5	QPSK	12	13	23.91	22.41	23.83	
5	QPSK	25	0	23.98	22.71	22.90	
5	16QAM	1	0	23.76	23.95	22.38	24
5	16QAM	1	12	23.86	22.82	23.24	
5	16QAM	1	24	23.91	22.06	23.90	
5	16QAM	12	0	22.88	22.90	21.70	23
5	16QAM	12	7	22.92	21.88	22.31	
5	16QAM	12	13	22.90	21.51	22.93	
5	16QAM	25	0	22.90	22.25	22.27	
5	64QAM	1	0	21.33	22.92	21.66	23
5	64QAM	1	12	22.89	21.99	21.35	
5	64QAM	1	24	22.26	21.23	22.93	
5	64QAM	12	0	21.64	21.14	20.78	22
5	64QAM	12	7	21.87	20.87	20.55	
5	64QAM	12	13	21.99	20.14	21.28	
5	64QAM	25	0	21.71	20.47	20.30	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.26	24.87	23.06	25
3	QPSK	1	8	24.76	23.50	23.85	
3	QPSK	1	14	24.63	23.02	24.69	
3	QPSK	8	0	23.92	23.72	22.62	24
3	QPSK	8	4	23.89	22.37	23.14	
3	QPSK	8	7	23.87	22.41	23.84	
3	QPSK	15	0	23.97	22.71	22.98	
3	16QAM	1	0	23.73	23.94	22.34	24
3	16QAM	1	8	23.87	22.82	23.28	
3	16QAM	1	14	23.99	22.08	23.87	
3	16QAM	8	0	22.88	22.94	21.69	23
3	16QAM	8	4	22.84	21.87	22.32	
3	16QAM	8	7	22.87	21.58	22.93	
3	16QAM	15	0	22.95	22.26	22.27	
3	64QAM	1	0	21.36	22.90	21.56	23
3	64QAM	1	8	22.88	21.97	21.39	
3	64QAM	1	14	22.27	21.27	22.94	
3	64QAM	8	0	21.67	21.24	20.83	22
3	64QAM	8	4	21.86	20.13	20.56	
3	64QAM	8	7	21.89	20.16	21.27	
3	64QAM	15	0	21.72	20.43	20.32	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.31	24.90	23.15	25
1.4	QPSK	1	3	24.71	23.53	23.85	
1.4	QPSK	1	5	24.59	23.01	24.70	
1.4	QPSK	3	0	24.85	24.70	24.64	
1.4	QPSK	3	1	24.84	23.43	23.16	
1.4	QPSK	3	3	23.85	23.38	23.88	
1.4	QPSK	6	0	24.00	22.73	22.97	24
1.4	16QAM	1	0	23.76	23.88	22.29	24
1.4	16QAM	1	3	23.90	22.79	23.33	
1.4	16QAM	1	5	23.89	22.96	23.83	
1.4	16QAM	3	0	22.92	22.93	22.66	
1.4	16QAM	3	1	22.91	22.89	22.37	
1.4	16QAM	3	3	22.94	22.71	22.86	
1.4	16QAM	6	0	23.00	22.21	22.26	23
1.4	64QAM	1	0	21.33	22.90	21.61	23
1.4	64QAM	1	3	22.87	21.02	21.36	
1.4	64QAM	1	5	22.28	21.26	22.96	
1.4	64QAM	3	0	21.70	21.21	21.78	
1.4	64QAM	3	1	21.91	21.92	21.56	
1.4	64QAM	3	3	21.97	21.90	21.29	
1.4	64QAM	6	0	21.78	20.45	20.29	22

Band 5							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.29	24.26	24.33	25
10	QPSK	1	25	24.18	24.17	24.22	
10	QPSK	1	49	24.19	24.23	24.13	
10	QPSK	25	0	23.30	23.32	23.30	24
10	QPSK	25	12	23.38	23.33	23.30	
10	QPSK	25	25	23.34	23.36	23.35	
10	QPSK	50	0	23.39	23.39	23.32	
10	16QAM	1	0	23.66	23.63	23.61	24
10	16QAM	1	25	23.58	23.59	23.57	
10	16QAM	1	49	23.59	23.58	23.53	
10	16QAM	25	0	22.32	22.33	22.29	23
10	16QAM	25	12	22.39	22.29	22.30	
10	16QAM	25	25	22.36	22.35	22.39	
10	16QAM	50	0	22.39	22.37	22.30	
10	64QAM	1	0	22.50	22.50	22.46	23
10	64QAM	1	25	22.54	22.57	22.53	
10	64QAM	1	49	22.48	22.51	21.71	
10	64QAM	25	0	21.34	21.35	21.33	22
10	64QAM	25	12	21.42	21.38	21.36	
10	64QAM	25	25	21.38	21.40	21.13	
10	64QAM	50	0	21.45	21.41	21.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.24	24.22	24.19	25
5	QPSK	1	12	24.11	24.16	24.16	
5	QPSK	1	24	24.19	24.14	24.12	
5	QPSK	12	0	23.24	23.27	23.24	24
5	QPSK	12	7	23.35	23.31	23.29	
5	QPSK	12	13	23.30	23.30	23.33	
5	QPSK	25	0	23.31	23.38	23.26	
5	16QAM	1	0	23.64	23.60	23.60	24
5	16QAM	1	12	23.50	23.53	23.56	
5	16QAM	1	24	23.58	23.55	23.53	
5	16QAM	12	0	22.32	22.26	22.21	23
5	16QAM	12	7	22.30	22.28	22.23	
5	16QAM	12	13	22.26	22.30	22.36	
5	16QAM	25	0	22.34	22.34	22.27	
5	64QAM	1	0	22.44	22.43	22.38	23
5	64QAM	1	12	22.45	22.53	22.47	
5	64QAM	1	24	22.45	22.49	21.61	
5	64QAM	12	0	21.28	21.35	21.29	22
5	64QAM	12	7	21.33	21.32	21.28	
5	64QAM	12	13	21.33	21.31	21.09	
5	64QAM	25	0	21.41	21.36	21.16	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.25	24.25	24.29	25
3	QPSK	1	8	24.12	24.13	24.21	
3	QPSK	1	14	24.13	24.14	24.10	
3	QPSK	8	0	23.26	23.26	23.29	24
3	QPSK	8	4	23.30	23.25	23.26	
3	QPSK	8	7	23.24	23.34	23.26	
3	QPSK	15	0	23.31	23.29	23.22	
3	16QAM	1	0	23.62	23.54	23.54	24
3	16QAM	1	8	23.48	23.54	23.50	
3	16QAM	1	14	23.56	23.54	23.50	
3	16QAM	8	0	22.29	22.30	22.25	23
3	16QAM	8	4	22.38	22.22	22.25	
3	16QAM	8	7	22.30	22.35	22.37	
3	16QAM	15	0	22.37	22.38	22.29	
3	64QAM	1	0	22.47	22.44	22.37	23
3	64QAM	1	8	22.48	22.57	22.53	
3	64QAM	1	14	22.45	22.45	21.68	
3	64QAM	8	0	21.29	21.29	21.27	22
3	64QAM	8	4	21.38	21.32	21.33	
3	64QAM	8	7	21.31	21.37	21.06	
3	64QAM	15	0	21.43	21.37	21.12	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.27	24.26	24.21	25
1.4	QPSK	1	3	24.13	24.16	24.21	
1.4	QPSK	1	5	24.16	24.18	24.13	
1.4	QPSK	3	0	24.19	24.26	24.12	
1.4	QPSK	3	1	24.03	24.09	24.13	
1.4	QPSK	3	3	24.15	24.17	24.04	
1.4	QPSK	6	0	23.33	23.30	23.26	24
1.4	16QAM	1	0	23.66	23.56	23.52	24
1.4	16QAM	1	3	23.49	23.51	23.47	
1.4	16QAM	1	5	23.49	23.49	23.49	
1.4	16QAM	3	0	23.61	23.46	23.50	
1.4	16QAM	3	1	23.43	23.47	23.40	
1.4	16QAM	3	3	23.42	23.47	23.44	
1.4	16QAM	6	0	22.31	22.30	22.29	23
1.4	64QAM	1	0	22.43	22.46	22.40	23
1.4	64QAM	1	3	22.47	22.55	22.52	
1.4	64QAM	1	5	22.39	22.49	21.69	
1.4	64QAM	3	0	22.42	22.37	22.34	
1.4	64QAM	3	1	22.44	22.47	22.42	
1.4	64QAM	3	3	22.36	22.44	21.60	
1.4	64QAM	6	0	21.35	21.38	21.14	22

Band 7							
Ant 0							
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	24.70	24.74	23.54	25
20	QPSK	1	49	24.77	24.83	23.48	
20	QPSK	1	99	24.88	24.98	24.50	
20	QPSK	50	0	23.88	23.91	22.23	24
20	QPSK	50	24	23.94	24.00	22.65	
20	QPSK	50	50	23.88	23.95	23.66	
20	QPSK	100	0	23.94	23.99	22.86	
20	16QAM	1	0	23.98	23.97	22.82	24
20	16QAM	1	49	23.93	23.90	22.67	
20	16QAM	1	99	23.80	23.83	23.75	
20	16QAM	50	0	22.88	22.93	21.29	23
20	16QAM	50	24	22.95	22.98	21.68	
20	16QAM	50	50	22.90	22.86	22.65	
20	16QAM	100	0	22.92	22.99	21.96	
20	64QAM	1	0	22.93	22.61	21.02	23
20	64QAM	1	49	22.81	22.86	21.66	
20	64QAM	1	99	22.68	22.70	21.78	
20	64QAM	50	0	21.90	21.95	20.32	22
20	64QAM	50	24	21.97	21.92	20.62	
20	64QAM	50	50	21.51	21.94	20.60	
20	64QAM	100	0	21.78	21.81	20.16	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.65	24.71	23.46	25
15	QPSK	1	37	24.67	24.77	23.45	
15	QPSK	1	74	24.80	24.94	24.47	
15	QPSK	36	0	23.87	23.85	22.16	24
15	QPSK	36	20	23.88	23.94	22.63	
15	QPSK	36	39	23.85	23.93	23.64	
15	QPSK	75	0	23.84	23.95	22.78	
15	16QAM	1	0	23.96	23.91	22.80	24
15	16QAM	1	37	23.85	23.88	22.62	
15	16QAM	1	74	23.79	23.83	23.67	
15	16QAM	36	0	22.83	22.87	21.27	23
15	16QAM	36	20	22.93	22.90	21.68	
15	16QAM	36	39	22.86	22.77	22.58	
15	16QAM	75	0	22.89	22.90	21.93	
15	64QAM	1	0	22.83	22.52	21.89	23
15	64QAM	1	37	22.81	22.81	21.65	
15	64QAM	1	74	22.65	22.61	21.78	
15	64QAM	36	0	21.88	21.94	20.24	22
15	64QAM	36	20	21.96	21.85	20.53	
15	64QAM	36	39	21.44	21.88	20.57	
15	64QAM	75	0	21.76	21.79	20.13	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.64	24.72	23.44	25
10	QPSK	1	25	24.73	24.77	23.41	
10	QPSK	1	49	24.81	24.94	24.48	
10	QPSK	25	0	23.79	23.84	22.20	24
10	QPSK	25	12	23.90	23.90	22.59	
10	QPSK	25	25	23.78	23.92	23.64	
10	QPSK	50	0	23.92	23.93	22.86	
10	16QAM	1	0	23.90	23.94	22.76	24
10	16QAM	1	25	23.83	23.85	22.66	
10	16QAM	1	49	23.76	23.74	23.69	
10	16QAM	25	0	22.83	22.91	21.22	23
10	16QAM	25	12	22.86	22.98	21.63	
10	16QAM	25	25	22.80	22.82	22.55	
10	16QAM	50	0	22.91	22.91	21.94	
10	64QAM	1	0	22.91	22.55	21.95	23
10	64QAM	1	25	22.81	22.79	21.64	
10	64QAM	1	49	22.61	22.63	21.69	
10	64QAM	25	0	21.83	21.92	20.28	22
10	64QAM	25	12	21.97	21.92	20.62	
10	64QAM	25	25	21.46	21.90	20.54	
10	64QAM	50	0	21.70	21.75	20.06	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.68	24.65	23.45	25
5	QPSK	1	12	24.74	24.79	23.43	
5	QPSK	1	24	24.82	24.98	24.41	
5	QPSK	12	0	23.78	23.90	22.13	24
5	QPSK	12	7	23.84	23.90	22.60	
5	QPSK	12	13	23.85	23.86	23.58	
5	QPSK	25	0	23.85	23.98	22.83	
5	16QAM	1	0	23.94	23.92	22.75	24
5	16QAM	1	12	23.92	23.84	22.64	
5	16QAM	1	24	23.76	23.80	23.73	
5	16QAM	12	0	22.88	22.91	21.26	23
5	16QAM	12	7	22.94	22.92	21.68	
5	16QAM	12	13	22.85	22.81	22.55	
5	16QAM	25	0	22.86	22.89	21.92	
5	64QAM	1	0	22.84	22.51	21.93	23
5	64QAM	1	12	22.77	22.85	21.62	
5	64QAM	1	24	22.63	22.60	21.69	
5	64QAM	12	0	21.84	21.85	20.23	22
5	64QAM	12	7	21.89	21.90	20.54	
5	64QAM	12	13	21.50	21.93	20.54	
5	64QAM	25	0	21.68	21.73	20.16	

Band 12							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.31	24.25	24.23	25
10	QPSK	1	25	24.24	24.29	24.26	
10	QPSK	1	49	24.35	24.34	24.27	
10	QPSK	25	0	23.39	23.43	23.38	24
10	QPSK	25	12	23.50	23.46	23.45	
10	QPSK	25	25	23.44	23.38	23.40	
10	QPSK	50	0	23.48	23.40	23.41	
10	16QAM	1	0	23.66	23.62	23.62	24
10	16QAM	1	25	23.62	23.66	23.65	
10	16QAM	1	49	23.72	23.68	23.68	
10	16QAM	25	0	22.39	22.40	22.40	23
10	16QAM	25	12	22.48	22.41	22.41	
10	16QAM	25	25	22.44	22.46	22.40	
10	16QAM	50	0	22.46	22.41	22.40	
10	64QAM	1	0	22.53	22.46	22.46	23
10	64QAM	1	25	22.58	22.60	22.56	
10	64QAM	1	49	22.64	22.58	22.54	
10	64QAM	25	0	21.44	21.44	21.43	22
10	64QAM	25	12	21.53	21.44	21.45	
10	64QAM	25	25	21.48	21.48	21.47	
10	64QAM	50	0	21.52	21.45	21.42	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.22	24.18	24.20	25
5	QPSK	1	12	24.19	24.29	24.22	
5	QPSK	1	24	24.32	24.25	24.27	
5	QPSK	12	0	23.30	23.41	23.29	24
5	QPSK	12	7	23.40	23.38	23.33	
5	QPSK	12	13	23.38	23.42	23.42	
5	QPSK	25	0	23.46	23.33	23.39	
5	16QAM	1	0	23.59	23.56	23.52	24
5	16QAM	1	12	23.57	23.57	23.60	
5	16QAM	1	24	23.68	23.62	23.62	
5	16QAM	12	0	22.37	22.34	22.35	23
5	16QAM	12	7	22.43	22.32	22.31	
5	16QAM	12	13	22.43	22.42	22.35	
5	16QAM	25	0	22.36	22.33	22.35	
5	64QAM	1	0	22.43	22.37	22.38	23
5	64QAM	1	12	22.57	22.54	22.47	
5	64QAM	1	24	22.61	22.56	22.48	
5	64QAM	12	0	21.37	21.38	21.41	22
5	64QAM	12	7	21.45	21.34	21.45	
5	64QAM	12	13	21.38	21.44	21.43	
5	64QAM	25	0	21.52	21.37	21.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.24	24.19	24.21	25
3	QPSK	1	8	24.22	24.22	24.23	
3	QPSK	1	14	24.26	24.24	24.19	
3	QPSK	8	0	23.33	23.39	23.37	24
3	QPSK	8	4	23.41	23.38	23.40	
3	QPSK	8	7	23.35	23.41	23.42	
3	QPSK	15	0	23.43	23.31	23.31	
3	16QAM	1	0	23.57	23.61	23.57	24
3	16QAM	1	8	23.61	23.60	23.57	
3	16QAM	1	14	23.68	23.67	23.63	
3	16QAM	8	0	22.30	22.30	22.38	23
3	16QAM	8	4	22.40	22.38	22.37	
3	16QAM	8	7	22.42	22.40	22.39	
3	16QAM	15	0	22.40	22.33	22.30	
3	64QAM	1	0	22.48	22.39	22.39	23
3	64QAM	1	8	22.49	22.58	22.51	
3	64QAM	1	14	22.56	22.53	22.44	
3	64QAM	8	0	21.41	21.40	21.39	22
3	64QAM	8	4	21.48	21.43	21.42	
3	64QAM	8	7	21.44	21.48	21.45	
3	64QAM	15	0	21.49	21.43	21.32	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.25	24.25	24.21	25
1.4	QPSK	1	3	24.15	24.25	24.19	
1.4	QPSK	1	5	24.26	24.24	24.21	
1.4	QPSK	3	0	24.24	24.18	24.14	
1.4	QPSK	3	1	24.06	24.16	24.13	
1.4	QPSK	3	3	24.22	24.22	24.21	
1.4	QPSK	6	0	23.38	23.39	23.35	24
1.4	16QAM	1	0	23.57	23.58	23.52	24
1.4	16QAM	1	3	23.55	23.62	23.56	
1.4	16QAM	1	5	23.66	23.65	23.65	
1.4	16QAM	3	0	23.47	23.53	23.50	
1.4	16QAM	3	1	23.55	23.56	23.50	
1.4	16QAM	3	3	23.62	23.62	23.58	
1.4	16QAM	6	0	22.45	22.34	22.35	23
1.4	64QAM	1	0	22.51	22.38	22.38	23
1.4	64QAM	1	3	22.49	22.51	22.52	
1.4	64QAM	1	5	22.61	22.48	22.44	
1.4	64QAM	3	0	22.47	22.31	22.35	
1.4	64QAM	3	1	22.42	22.46	22.46	
1.4	64QAM	3	3	22.59	22.41	22.37	
1.4	64QAM	6	0	21.45	21.41	21.36	22

Band 13							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.36		25
10	QPSK	1	25		24.38		
10	QPSK	1	49		24.47		
10	QPSK	25	0		23.43		24
10	QPSK	25	12		23.53		
10	QPSK	25	25		23.51		
10	QPSK	50	0		23.53		
10	16QAM	1	0		23.71		24
10	16QAM	1	25		23.74		
10	16QAM	1	49		23.74		
10	16QAM	25	0		22.49		23
10	16QAM	25	12		22.54		
10	16QAM	25	25		22.55		
10	16QAM	50	0		22.50		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.71		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.51		22
10	64QAM	25	12		21.56		
10	64QAM	25	25		21.56		
10	64QAM	50	0		21.53		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.29	24.31	24.35	25
5	QPSK	1	12	24.30	24.32	24.33	
5	QPSK	1	24	24.43	24.42	24.45	
5	QPSK	12	0	23.42	23.43	23.40	24
5	QPSK	12	7	23.47	23.41	23.50	
5	QPSK	12	13	23.49	23.53	23.46	
5	QPSK	25	0	23.47	23.45	23.52	
5	16QAM	1	0	23.66	23.66	23.62	24
5	16QAM	1	12	23.65	23.70	23.68	
5	16QAM	1	24	23.64	23.74	23.67	
5	16QAM	12	0	22.39	22.43	22.46	23
5	16QAM	12	7	22.49	22.53	22.51	
5	16QAM	12	13	22.46	22.50	22.53	
5	16QAM	25	0	22.47	22.40	22.49	
5	64QAM	1	0	22.60	22.58	22.56	23
5	64QAM	1	12	22.67	22.65	22.65	
5	64QAM	1	24	22.62	22.59	22.58	
5	64QAM	12	0	21.41	21.45	21.49	22
5	64QAM	12	7	21.49	21.53	21.47	
5	64QAM	12	13	21.56	21.53	21.55	
5	64QAM	25	0	21.48	21.46	21.47	

Band 14							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.41		25
10	QPSK	1	25		24.31		
10	QPSK	1	49		24.29		
10	QPSK	25	0		23.42		24
10	QPSK	25	12		23.41		
10	QPSK	25	25		23.47		
10	QPSK	50	0		23.40		
10	16QAM	1	0		23.76		24
10	16QAM	1	25		23.78		
10	16QAM	1	49		23.69		
10	16QAM	25	0		22.40		23
10	16QAM	25	12		22.44		
10	16QAM	25	25		22.45		
10	16QAM	50	0		22.40		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.68		
10	64QAM	1	49		22.59		
10	64QAM	25	0		21.45		22
10	64QAM	25	12		21.48		
10	64QAM	25	25		21.50		
10	64QAM	50	0		21.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.39	24.32	24.35	25
5	QPSK	1	12	24.22	24.29	24.26	
5	QPSK	1	24	24.24	24.25	24.24	
5	QPSK	12	0	23.34	23.34	23.40	24
5	QPSK	12	7	23.34	23.33	23.38	
5	QPSK	12	13	23.44	23.43	23.46	
5	QPSK	25	0	23.37	23.31	23.32	
5	16QAM	1	0	23.74	23.67	23.76	24
5	16QAM	1	12	23.69	23.68	23.72	
5	16QAM	1	24	23.59	23.64	23.60	
5	16QAM	12	0	22.30	22.32	22.35	23
5	16QAM	12	7	22.38	22.34	22.44	
5	16QAM	12	13	22.36	22.36	22.36	
5	16QAM	25	0	22.37	22.38	22.35	
5	64QAM	1	0	22.58	22.60	22.65	23
5	64QAM	1	12	22.59	22.59	22.63	
5	64QAM	1	24	22.53	22.51	22.49	
5	64QAM	12	0	21.38	21.43	21.37	22
5	64QAM	12	7	21.47	21.39	21.47	
5	64QAM	12	13	21.43	21.43	21.50	
5	64QAM	25	0	21.42	21.41	21.33	

Band 17							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.24	24.16	24.23	25
10	QPSK	1	25	24.23	24.25	24.30	
10	QPSK	1	49	24.28	24.31	24.29	
10	QPSK	25	0	23.33	23.33	23.36	24
10	QPSK	25	12	23.45	23.39	23.39	
10	QPSK	25	25	23.48	23.50	23.48	
10	QPSK	50	0	23.47	23.38	23.37	
10	16QAM	1	0	23.59	23.61	23.61	24
10	16QAM	1	25	23.64	23.66	23.68	
10	16QAM	1	49	23.72	23.70	23.69	
10	16QAM	25	0	22.34	22.34	22.36	23
10	16QAM	25	12	22.45	22.41	22.40	
10	16QAM	25	25	22.44	22.48	22.46	
10	16QAM	50	0	22.46	22.39	22.38	
10	64QAM	1	0	22.50	22.46	22.47	23
10	64QAM	1	25	22.60	22.59	22.59	
10	64QAM	1	49	22.55	22.61	22.59	
10	64QAM	25	0	21.36	21.33	21.36	22
10	64QAM	25	12	21.46	21.46	21.43	
10	64QAM	25	25	21.50	21.51	21.50	
10	64QAM	50	0	21.51	21.43	21.41	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.15	24.10	24.15	25
5	QPSK	1	12	24.17	24.18	24.29	
5	QPSK	1	24	24.18	24.29	24.19	
5	QPSK	12	0	23.33	23.28	23.26	24
5	QPSK	12	7	23.38	23.32	23.31	
5	QPSK	12	13	23.44	23.43	23.47	
5	QPSK	25	0	23.40	23.29	23.35	
5	16QAM	1	0	23.54	23.61	23.59	24
5	16QAM	1	12	23.54	23.64	23.65	
5	16QAM	1	24	23.65	23.66	23.63	
5	16QAM	12	0	22.26	22.31	22.36	23
5	16QAM	12	7	22.43	22.33	22.31	
5	16QAM	12	13	22.37	22.45	22.39	
5	16QAM	25	0	22.36	22.33	22.33	
5	64QAM	1	0	22.44	22.41	22.46	23
5	64QAM	1	12	22.51	22.51	22.56	
5	64QAM	1	24	22.49	22.55	22.57	
5	64QAM	12	0	21.27	21.24	21.36	22
5	64QAM	12	7	21.39	21.40	21.36	
5	64QAM	12	13	21.42	21.51	21.44	
5	64QAM	25	0	21.43	21.37	21.32	

Band 25

Ant 0

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	24.85	24.77	24.61	25
20	QPSK	1	49	24.71	24.74	24.60	
20	QPSK	1	99	24.63	24.73	23.92	
20	QPSK	50	0	23.84	23.80	23.74	24
20	QPSK	50	24	23.78	23.70	23.65	
20	QPSK	50	50	23.82	23.75	23.70	
20	QPSK	100	0	23.80	23.85	23.80	
20	16QAM	1	0	23.82	23.85	23.90	24
20	16QAM	1	49	23.86	23.85	23.90	
20	16QAM	1	99	23.89	23.84	23.25	
20	16QAM	50	0	22.83	22.81	22.74	23
20	16QAM	50	24	22.90	22.81	22.84	
20	16QAM	50	50	22.83	22.85	22.81	
20	16QAM	100	0	22.87	22.87	22.81	
20	64QAM	1	0	22.83	22.45	21.98	23
20	64QAM	1	49	22.56	22.86	22.64	
20	64QAM	1	99	22.04	22.84	21.37	
20	64QAM	50	0	21.85	21.60	20.97	22
20	64QAM	50	24	21.61	21.81	21.31	
20	64QAM	50	50	21.12	21.85	21.25	
20	64QAM	100	0	21.59	21.81	20.95	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.75	24.71	24.59	25
15	QPSK	1	37	24.64	24.73	24.59	
15	QPSK	1	74	24.55	24.65	23.87	
15	QPSK	36	0	23.77	23.80	23.74	24
15	QPSK	36	20	23.86	23.84	23.75	
15	QPSK	36	39	23.80	23.81	23.80	
15	QPSK	75	0	23.82	23.77	23.72	
15	16QAM	1	0	23.84	23.90	23.89	24
15	16QAM	1	37	23.83	23.87	23.85	
15	16QAM	1	74	23.83	23.84	23.16	
15	16QAM	36	0	22.81	22.76	22.72	23
15	16QAM	36	20	22.88	22.83	22.75	
15	16QAM	36	39	22.74	22.84	22.77	
15	16QAM	75	0	22.80	22.87	22.78	
15	64QAM	1	0	22.85	22.41	21.90	23
15	64QAM	1	37	22.46	22.90	22.64	
15	64QAM	1	74	21.95	22.85	21.27	
15	64QAM	36	0	21.80	21.59	20.97	22
15	64QAM	36	20	21.59	21.88	21.27	
15	64QAM	36	39	21.10	21.82	21.24	
15	64QAM	75	0	21.54	21.81	20.90	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.85	24.71	24.53	25
10	QPSK	1	25	24.70	24.73	24.54	
10	QPSK	1	49	24.58	24.70	23.92	
10	QPSK	25	0	23.76	23.74	23.67	24
10	QPSK	25	12	23.78	23.82	23.80	
10	QPSK	25	25	23.79	23.78	23.73	
10	QPSK	50	0	23.90	23.78	23.72	
10	16QAM	1	0	23.87	23.83	23.86	24
10	16QAM	1	25	23.81	23.90	23.85	
10	16QAM	1	49	23.81	23.88	23.23	
10	16QAM	25	0	22.81	22.78	22.64	23
10	16QAM	25	12	22.89	22.81	22.82	
10	16QAM	25	25	22.82	22.75	22.81	
10	16QAM	50	0	22.82	22.81	22.80	
10	64QAM	1	0	22.82	22.41	21.97	23
10	64QAM	1	25	22.52	22.89	22.64	
10	64QAM	1	49	21.97	22.84	21.32	
10	64QAM	25	0	21.78	21.56	20.95	22
10	64QAM	25	12	21.54	21.84	21.25	
10	64QAM	25	25	21.09	21.85	21.18	
10	64QAM	50	0	21.54	21.80	20.86	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.76	24.74	24.54	25
5	QPSK	1	12	24.67	24.74	24.58	
5	QPSK	1	24	24.55	24.70	23.87	
5	QPSK	12	0	23.82	23.78	23.73	24
5	QPSK	12	7	23.80	23.82	23.80	
5	QPSK	12	13	23.81	23.83	23.76	
5	QPSK	25	0	23.90	23.78	23.71	
5	16QAM	1	0	23.90	23.80	23.90	24
5	16QAM	1	12	23.83	23.81	23.90	
5	16QAM	1	24	23.89	23.86	23.17	
5	16QAM	12	0	22.78	22.73	22.66	23
5	16QAM	12	7	22.85	22.81	22.78	
5	16QAM	12	13	22.77	22.78	22.76	
5	16QAM	25	0	22.87	22.84	22.71	
5	64QAM	1	0	22.85	22.40	21.88	23
5	64QAM	1	12	22.49	22.86	22.61	
5	64QAM	1	24	22.01	22.88	21.29	
5	64QAM	12	0	21.77	21.53	20.91	22
5	64QAM	12	7	21.53	21.83	21.27	
5	64QAM	12	13	21.09	21.80	21.21	
5	64QAM	25	0	21.50	21.76	20.94	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.76	24.67	24.60	25
3	QPSK	1	8	24.61	24.70	24.52	
3	QPSK	1	14	24.56	24.72	23.88	
3	QPSK	8	0	23.79	23.79	23.70	24
3	QPSK	8	4	23.80	23.88	23.85	
3	QPSK	8	7	23.77	23.82	23.79	
3	QPSK	15	0	23.87	23.78	23.79	
3	16QAM	1	0	23.85	23.84	23.81	24
3	16QAM	1	8	23.79	23.84	23.89	
3	16QAM	1	14	23.82	23.86	23.22	
3	16QAM	8	0	22.82	22.78	22.73	23
3	16QAM	8	4	22.83	22.90	22.76	
3	16QAM	8	7	22.83	22.81	22.79	
3	16QAM	15	0	22.79	22.86	22.74	
3	64QAM	1	0	22.85	22.36	21.91	23
3	64QAM	1	8	22.47	22.90	22.57	
3	64QAM	1	14	21.98	21.84	21.32	
3	64QAM	8	0	21.82	21.52	20.90	22
3	64QAM	8	4	21.51	21.87	21.24	
3	64QAM	8	7	21.03	21.78	21.16	
3	64QAM	15	0	21.59	21.71	20.90	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.75	24.67	24.54	25
1.4	QPSK	1	3	24.66	24.65	24.56	
1.4	QPSK	1	5	24.60	24.65	23.86	
1.4	QPSK	3	0	24.68	24.65	24.52	
1.4	QPSK	3	1	24.64	24.62	24.54	
1.4	QPSK	3	3	24.60	24.65	23.86	
1.4	QPSK	6	0	23.88	23.83	23.73	24
1.4	16QAM	1	0	23.90	23.89	23.84	24
1.4	16QAM	1	3	23.78	23.89	23.90	
1.4	16QAM	1	5	23.87	23.87	23.23	
1.4	16QAM	3	0	23.89	23.79	23.78	
1.4	16QAM	3	1	23.73	23.82	23.81	
1.4	16QAM	3	3	23.81	23.84	23.15	
1.4	16QAM	6	0	22.82	22.77	22.74	23
1.4	64QAM	1	0	22.83	22.45	21.92	23
1.4	64QAM	1	3	22.55	22.86	22.54	
1.4	64QAM	1	5	21.99	22.81	21.27	
1.4	64QAM	3	0	22.81	22.36	21.90	
1.4	64QAM	3	1	22.55	22.90	22.50	
1.4	64QAM	3	3	21.99	22.88	21.22	
1.4	64QAM	6	0	21.53	21.77	20.85	21.9

Band 26

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.29	24.21	24.20	25
15	QPSK	1	37	24.19	24.18	24.16	
15	QPSK	1	74	24.21	24.17	24.09	
15	QPSK	36	0	23.38	23.33	23.35	24
15	QPSK	36	20	23.40	23.34	23.38	
15	QPSK	36	39	23.40	23.30	23.35	
15	QPSK	75	0	23.41	23.30	23.31	
15	16QAM	1	0	23.62	23.50	23.50	24
15	16QAM	1	37	23.54	23.51	23.52	
15	16QAM	1	74	23.53	23.50	23.37	
15	16QAM	36	0	22.37	22.36	22.36	23
15	16QAM	36	20	22.42	22.32	22.37	
15	16QAM	36	39	22.40	22.36	22.32	
15	16QAM	75	0	22.42	22.32	22.33	
15	64QAM	1	0	22.45	22.34	22.38	23
15	64QAM	1	37	22.47	22.41	22.45	
15	64QAM	1	74	22.41	22.41	21.72	
15	64QAM	36	0	21.41	21.40	21.41	22
15	64QAM	36	20	21.45	21.32	21.41	
15	64QAM	36	39	21.42	21.43	21.41	
15	64QAM	75	0	21.43	21.34	21.34	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.24	24.08	24.17	25
10	QPSK	1	25	24.15	24.17	24.09	
10	QPSK	1	49	24.12	24.12	24.02	
10	QPSK	25	0	23.31	23.30	23.25	24
10	QPSK	25	12	23.35	23.20	23.37	
10	QPSK	25	25	23.40	23.31	23.32	
10	QPSK	50	0	23.38	23.21	23.23	
10	16QAM	1	0	23.58	23.41	23.44	24
10	16QAM	1	25	23.54	23.51	23.50	
10	16QAM	1	49	23.52	23.50	23.31	
10	16QAM	25	0	22.31	22.32	22.28	23
10	16QAM	25	12	22.35	22.31	22.32	
10	16QAM	25	25	22.40	22.34	22.28	
10	16QAM	50	0	22.41	22.25	22.30	
10	64QAM	1	0	22.42	22.26	22.38	23
10	64QAM	1	25	22.42	22.32	22.43	
10	64QAM	1	49	22.35	22.34	21.66	
10	64QAM	25	0	21.35	21.36	21.39	22
10	64QAM	25	12	21.40	21.28	21.41	
10	64QAM	25	25	21.38	21.36	21.32	
10	64QAM	50	0	21.37	21.27	21.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.25	24.13	24.14	25
5	QPSK	1	12	24.17	24.15	24.15	
5	QPSK	1	24	24.19	24.19	24.07	
5	QPSK	12	0	23.35	23.29	23.27	24
5	QPSK	12	7	23.36	23.24	23.35	
5	QPSK	12	13	23.36	23.27	23.26	
5	QPSK	25	0	23.32	23.20	23.23	
5	16QAM	1	0	23.59	23.48	23.41	24
5	16QAM	1	12	23.50	23.48	23.50	
5	16QAM	1	24	23.50	23.49	23.31	
5	16QAM	12	0	22.36	22.27	22.32	23
5	16QAM	12	7	22.32	22.32	22.32	
5	16QAM	12	13	22.33	22.32	22.30	
5	16QAM	25	0	22.41	22.25	22.24	
5	64QAM	1	0	22.38	22.30	22.30	23
5	64QAM	1	12	22.46	22.39	22.43	
5	64QAM	1	24	22.39	22.36	21.62	
5	64QAM	12	0	21.38	21.32	21.40	22
5	64QAM	12	7	21.38	21.23	21.32	
5	64QAM	12	13	21.40	21.42	21.41	
5	64QAM	25	0	21.36	21.31	21.32	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.25	24.11	24.12	25
3	QPSK	1	8	24.10	24.13	24.07	
3	QPSK	1	14	24.18	24.21	24.02	
3	QPSK	8	0	23.38	23.26	23.35	24
3	QPSK	8	4	23.32	23.21	23.31	
3	QPSK	8	7	23.32	23.25	23.25	
3	QPSK	15	0	23.32	23.30	23.25	
3	16QAM	1	0	23.52	23.47	23.43	24
3	16QAM	1	8	23.45	23.44	23.48	
3	16QAM	1	14	23.48	23.41	23.31	
3	16QAM	8	0	22.33	22.35	22.28	23
3	16QAM	8	4	22.32	22.32	22.33	
3	16QAM	8	7	22.38	22.31	22.25	
3	16QAM	15	0	22.39	22.28	22.33	
3	64QAM	1	0	22.37	22.27	22.37	23
3	64QAM	1	8	22.37	22.32	22.38	
3	64QAM	1	14	22.41	22.39	21.67	
3	64QAM	8	0	21.40	21.39	21.38	22
3	64QAM	8	4	21.41	21.29	21.39	
3	64QAM	8	7	21.34	21.38	21.38	
3	64QAM	15	0	21.33	21.29	21.25	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.25	24.12	24.11	25
1.4	QPSK	1	3	24.18	24.16	24.12	
1.4	QPSK	1	5	24.16	24.21	24.01	
1.4	QPSK	3	0	24.16	24.08	24.08	
1.4	QPSK	3	1	24.14	24.10	24.02	
1.4	QPSK	3	3	24.11	24.20	24.00	
1.4	QPSK	6	0	23.38	23.20	23.30	24
1.4	16QAM	1	0	23.59	23.42	23.40	24
1.4	16QAM	1	3	23.44	23.46	23.51	
1.4	16QAM	1	5	23.45	23.49	23.37	
1.4	16QAM	3	0	23.49	23.35	23.38	
1.4	16QAM	3	1	23.41	23.39	23.44	
1.4	16QAM	3	3	23.42	23.47	23.31	
1.4	16QAM	6	0	22.40	22.31	22.27	23
1.4	64QAM	1	0	22.39	22.31	22.34	23
1.4	64QAM	1	3	22.44	22.37	22.42	
1.4	64QAM	1	5	22.41	22.31	21.62	
1.4	64QAM	3	0	22.37	22.25	22.26	
1.4	64QAM	3	1	22.39	22.34	22.35	
1.4	64QAM	3	3	22.40	22.29	21.62	
1.4	64QAM	6	0	21.39	21.32	21.24	22

Band 30							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.61		25
10	QPSK	1	25		24.65		
10	QPSK	1	49		24.62		
10	QPSK	25	0		23.62		24
10	QPSK	25	12		23.68		
10	QPSK	25	25		23.71		
10	QPSK	50	0		23.69		
10	16QAM	1	0		23.99		24
10	16QAM	1	25		23.93		
10	16QAM	1	49		23.98		
10	16QAM	25	0		22.64		23
10	16QAM	25	12		22.71		
10	16QAM	25	25		22.70		
10	16QAM	50	0		22.70		
10	64QAM	1	0		22.82		23
10	64QAM	1	25		22.90		
10	64QAM	1	49		22.83		
10	64QAM	25	0		21.69		22
10	64QAM	25	12		21.71		
10	64QAM	25	25		21.75		
10	64QAM	50	0		21.70		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.53	24.51	24.55	25
5	QPSK	1	12	24.60	24.59	24.63	
5	QPSK	1	24	24.54	24.56	24.60	
5	QPSK	12	0	23.60	23.61	23.57	24
5	QPSK	12	7	23.62	23.64	23.59	
5	QPSK	12	13	23.68	23.63	23.64	
5	QPSK	25	0	23.62	23.64	23.63	
5	16QAM	1	0	23.93	23.96	23.93	24
5	16QAM	1	12	23.93	23.88	23.88	
5	16QAM	1	24	23.93	23.89	23.92	
5	16QAM	12	0	22.54	22.59	22.60	23
5	16QAM	12	7	22.68	22.65	22.71	
5	16QAM	12	13	22.65	22.64	22.67	
5	16QAM	25	0	22.63	22.67	22.62	
5	64QAM	1	0	22.81	22.75	22.78	23
5	64QAM	1	12	22.81	22.86	22.82	
5	64QAM	1	24	22.80	22.77	22.80	
5	64QAM	12	0	21.65	21.63	21.60	22
5	64QAM	12	7	21.64	21.63	21.63	
5	64QAM	12	13	21.69	21.73	21.68	
5	64QAM	25	0	21.70	21.65	21.63	

Band 66

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.60	24.05	24.98	25
20	QPSK	1	49	24.89	24.35	24.51	
20	QPSK	1	99	24.91	24.96	24.87	
20	QPSK	50	0	23.82	23.21	23.96	24
20	QPSK	50	24	23.94	23.82	23.68	
20	QPSK	50	50	23.92	23.83	23.82	
20	QPSK	100	0	23.82	23.82	23.96	
20	16QAM	1	0	23.95	23.41	23.87	24
20	16QAM	1	49	23.74	23.66	23.68	
20	16QAM	1	99	23.74	23.85	23.84	
20	16QAM	50	0	22.96	22.33	22.95	23
20	16QAM	50	24	22.96	22.91	22.79	
20	16QAM	50	50	22.92	22.81	22.82	
20	16QAM	100	0	22.93	22.96	22.93	
20	64QAM	1	0	21.61	21.55	22.87	23
20	64QAM	1	49	22.85	21.70	21.83	
20	64QAM	1	99	22.75	22.81	22.59	
20	64QAM	50	0	21.98	20.42	21.22	22
20	64QAM	50	24	21.90	21.01	20.80	
20	64QAM	50	50	21.96	21.85	21.28	
20	64QAM	100	0	21.96	21.00	21.36	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.56	24.00	24.91	25
15	QPSK	1	37	24.89	24.32	24.45	
15	QPSK	1	74	24.90	24.90	24.81	
15	QPSK	36	0	23.74	23.18	23.83	24
15	QPSK	36	20	23.92	23.81	23.68	
15	QPSK	36	39	23.83	23.78	23.74	
15	QPSK	75	0	23.81	23.74	23.88	
15	16QAM	1	0	23.91	23.40	23.82	24
15	16QAM	1	37	23.66	23.61	23.64	
15	16QAM	1	74	23.66	23.75	23.80	
15	16QAM	36	0	22.89	22.32	22.91	23
15	16QAM	36	20	22.87	22.89	22.78	
15	16QAM	36	39	22.90	22.75	22.79	
15	16QAM	75	0	22.89	22.93	22.88	
15	64QAM	1	0	21.60	21.50	22.78	23
15	64QAM	1	37	22.85	21.63	21.78	
15	64QAM	1	74	22.73	22.74	22.49	
15	64QAM	36	0	21.95	20.38	21.22	22
15	64QAM	36	20	21.90	21.00	20.78	
15	64QAM	36	39	21.96	21.85	21.25	
15	64QAM	75	0	21.95	21.00	21.26	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.58	23.99	24.92	25
10	QPSK	1	25	24.87	24.26	24.49	
10	QPSK	1	49	24.85	24.88	24.77	
10	QPSK	25	0	23.81	23.11	23.83	24
10	QPSK	25	12	23.86	23.75	23.63	
10	QPSK	25	25	23.87	23.73	23.76	
10	QPSK	50	0	23.75	23.79	23.89	
10	16QAM	1	0	23.93	23.37	23.79	24
10	16QAM	1	25	23.74	23.65	23.60	
10	16QAM	1	49	23.67	23.85	23.75	
10	16QAM	25	0	22.89	22.23	22.86	23
10	16QAM	25	12	22.88	22.91	22.71	
10	16QAM	25	25	22.92	22.76	22.81	
10	16QAM	50	0	22.90	22.95	22.90	
10	64QAM	1	0	21.53	21.55	22.79	23
10	64QAM	1	25	22.75	21.62	21.81	
10	64QAM	1	49	22.74	22.79	22.59	
10	64QAM	25	0	21.96	20.33	21.12	22
10	64QAM	25	12	21.87	20.92	20.77	
10	64QAM	25	25	21.96	21.75	21.23	
10	64QAM	50	0	21.88	20.95	21.35	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.59	24.01	24.95	25
5	QPSK	1	12	24.81	24.27	24.43	
5	QPSK	1	24	24.83	24.92	24.79	
5	QPSK	12	0	23.74	23.11	23.81	24
5	QPSK	12	7	23.88	23.75	23.67	
5	QPSK	12	13	23.89	23.80	23.72	
5	QPSK	25	0	23.78	23.79	23.88	
5	16QAM	1	0	23.93	23.35	23.83	24
5	16QAM	1	12	23.69	23.61	23.67	
5	16QAM	1	24	23.72	23.77	23.80	
5	16QAM	12	0	22.93	22.24	22.91	23
5	16QAM	12	7	22.94	22.86	22.77	
5	16QAM	12	13	22.91	22.77	22.76	
5	16QAM	25	0	22.92	22.93	22.85	
5	64QAM	1	0	21.55	21.53	22.85	23
5	64QAM	1	12	22.84	21.68	21.81	
5	64QAM	1	24	22.74	22.73	22.55	
5	64QAM	12	0	21.88	20.33	21.21	22
5	64QAM	12	7	21.88	20.94	20.77	
5	64QAM	12	13	21.88	21.78	21.24	
5	64QAM	25	0	21.94	20.94	21.35	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.55	24.03	24.92	25
3	QPSK	1	8	24.87	24.32	24.44	
3	QPSK	1	14	24.89	24.87	24.78	
3	QPSK	8	0	23.75	23.12	23.89	24
3	QPSK	8	4	23.92	23.79	23.62	
3	QPSK	8	7	23.84	23.77	23.72	
3	QPSK	15	0	23.78	23.81	23.87	
3	16QAM	1	0	23.85	23.31	23.81	24
3	16QAM	1	8	23.68	23.60	23.59	
3	16QAM	1	14	23.67	23.75	23.79	
3	16QAM	8	0	22.92	22.28	22.92	23
3	16QAM	8	4	22.91	22.84	22.69	
3	16QAM	8	7	22.85	22.77	22.75	
3	16QAM	15	0	22.83	22.93	22.91	
3	64QAM	1	0	21.58	21.49	22.78	23
3	64QAM	1	8	22.83	21.67	21.80	
3	64QAM	1	14	22.73	22.76	22.59	
3	64QAM	8	0	21.94	20.33	21.18	22
3	64QAM	8	4	21.80	20.96	20.74	
3	64QAM	8	7	21.93	21.81	21.26	
3	64QAM	15	0	21.91	20.96	21.35	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.57	24.09	24.91	25
1.4	QPSK	1	3	24.89	24.26	24.47	
1.4	QPSK	1	5	24.83	24.88	24.77	
1.4	QPSK	3	0	24.75	24.12	24.72	
1.4	QPSK	3	1	24.81	24.79	24.62	
1.4	QPSK	3	3	24.85	24.74	24.72	
1.4	QPSK	6	0	23.76	23.73	23.88	24
1.4	16QAM	1	0	23.86	23.38	23.86	24
1.4	16QAM	1	3	23.74	23.56	23.59	
1.4	16QAM	1	5	23.67	23.79	23.79	
1.4	16QAM	3	0	23.86	23.30	23.80	
1.4	16QAM	3	1	23.80	23.82	23.85	
1.4	16QAM	3	3	23.82	23.79	23.88	
1.4	16QAM	6	0	22.91	22.86	22.87	23
1.4	64QAM	1	0	21.56	21.55	22.78	23
1.4	64QAM	1	3	22.84	21.64	21.79	
1.4	64QAM	1	5	22.68	22.78	22.56	
1.4	64QAM	3	0	22.83	21.35	22.13	
1.4	64QAM	3	1	22.80	21.98	21.80	
1.4	64QAM	3	3	22.89	21.82	22.89	
1.4	64QAM	6	0	21.89	20.90	21.31	22

Band 71							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.40	24.34	24.28	25
20	QPSK	1	49	24.30	24.32	24.31	
20	QPSK	1	99	24.30	24.30	24.26	
20	QPSK	50	0	23.45	23.52	23.39	24
20	QPSK	50	24	23.42	23.42	23.46	
20	QPSK	50	50	23.50	23.51	23.50	
20	QPSK	100	0	23.48	23.44	23.48	
20	16QAM	1	0	23.72	23.62	23.64	24
20	16QAM	1	49	23.65	23.69	23.65	
20	16QAM	1	99	23.65	23.69	23.62	
20	16QAM	50	0	22.47	22.42	22.40	23
20	16QAM	50	24	22.52	22.45	22.42	
20	16QAM	50	50	22.51	22.53	22.49	
20	16QAM	100	0	22.46	22.42	22.47	
20	64QAM	1	0	22.60	22.50	22.48	23
20	64QAM	1	49	22.50	22.55	22.52	
20	64QAM	1	99	22.57	22.59	22.50	
20	64QAM	50	0	21.49	21.40	21.41	22
20	64QAM	50	24	21.52	21.47	21.46	
20	64QAM	50	50	21.49	21.53	21.52	
20	64QAM	100	0	21.53	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.33	24.29	24.18	25
15	QPSK	1	37	24.27	24.24	24.25	
15	QPSK	1	74	24.24	24.34	24.17	
15	QPSK	36	0	23.39	23.37	23.31	24
15	QPSK	36	20	23.50	23.38	23.42	
15	QPSK	36	39	23.49	23.51	23.47	
15	QPSK	75	0	23.48	23.36	23.41	
15	16QAM	1	0	23.69	23.56	23.59	24
15	16QAM	1	37	23.59	23.66	23.58	
15	16QAM	1	74	23.65	23.66	23.53	
15	16QAM	36	0	22.43	22.37	22.39	23
15	16QAM	36	20	22.45	22.36	22.35	
15	16QAM	36	39	22.50	22.43	22.47	
15	16QAM	75	0	22.38	22.42	22.39	
15	64QAM	1	0	22.50	22.43	22.38	23
15	64QAM	1	37	22.46	22.45	22.49	
15	64QAM	1	74	22.53	22.50	22.43	
15	64QAM	36	0	21.47	21.37	21.37	22
15	64QAM	36	20	21.47	21.40	21.38	
15	64QAM	36	39	21.41	21.48	21.43	
15	64QAM	75	0	21.46	21.32	21.46	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.35	24.30	24.18	25
10	QPSK	1	25	24.27	24.27	24.23	
10	QPSK	1	49	24.20	24.25	24.24	
10	QPSK	25	0	23.45	23.42	23.32	24
10	QPSK	25	12	23.52	23.32	23.37	
10	QPSK	25	25	23.42	23.47	23.44	
10	QPSK	50	0	23.46	23.36	23.43	
10	16QAM	1	0	23.64	23.60	23.60	24
10	16QAM	1	25	23.63	23.63	23.57	
10	16QAM	1	49	23.57	23.62	23.52	
10	16QAM	25	0	22.43	22.39	22.37	23
10	16QAM	25	12	22.49	22.36	22.32	
10	16QAM	25	25	22.46	22.52	22.43	
10	16QAM	50	0	22.36	22.41	22.43	
10	64QAM	1	0	22.55	22.43	22.46	23
10	64QAM	1	25	22.43	22.47	22.52	
10	64QAM	1	49	22.50	22.54	22.42	
10	64QAM	25	0	21.43	21.37	21.35	22
10	64QAM	25	12	21.46	21.37	21.37	
10	64QAM	25	25	21.44	21.52	21.50	
10	64QAM	50	0	21.47	21.32	21.46	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.32	24.25	24.23	25
5	QPSK	1	12	24.23	24.28	24.28	
5	QPSK	1	24	24.22	24.24	24.18	
5	QPSK	12	0	23.43	23.37	23.36	24
5	QPSK	12	7	23.48	23.39	23.36	
5	QPSK	12	13	23.50	23.45	23.42	
5	QPSK	25	0	23.47	23.39	23.43	
5	16QAM	1	0	23.65	23.62	23.61	24
5	16QAM	1	12	23.59	23.66	23.64	
5	16QAM	1	24	23.59	23.67	23.53	
5	16QAM	12	0	22.38	22.42	22.38	23
5	16QAM	12	7	22.42	22.39	22.34	
5	16QAM	12	13	22.46	22.48	22.45	
5	16QAM	25	0	22.42	22.34	22.37	
5	64QAM	1	0	22.51	22.45	22.46	23
5	64QAM	1	12	22.50	22.52	22.43	
5	64QAM	1	24	22.47	22.57	22.46	
5	64QAM	12	0	21.48	21.36	21.40	22
5	64QAM	12	7	21.44	21.41	21.45	
5	64QAM	12	13	21.46	21.51	21.42	
5	64QAM	25	0	21.43	21.36	21.41	

Band 2

Ant 2							
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	23.62	23.61	23.69	25
20	QPSK	1	49	23.62	23.62	23.52	
20	QPSK	1	99	23.54	23.49	23.51	
20	QPSK	50	0	23.35	23.37	23.30	24
20	QPSK	50	24	23.44	23.39	23.30	
20	QPSK	50	50	23.42	23.37	23.27	
20	QPSK	100	0	23.44	23.37	23.30	
20	16QAM	1	0	23.66	23.68	23.59	24
20	16QAM	1	49	23.62	23.64	23.49	
20	16QAM	1	99	23.54	23.55	23.36	
20	16QAM	50	0	22.66	22.67	22.62	23
20	16QAM	50	24	22.74	22.70	22.60	
20	16QAM	50	50	22.72	22.67	22.59	
20	16QAM	100	0	22.72	22.66	22.61	
20	64QAM	1	0	22.84	22.78	22.77	23
20	64QAM	1	49	22.78	22.79	22.66	
20	64QAM	1	99	22.69	22.75	22.53	
20	64QAM	50	0	21.68	21.70	21.64	22
20	64QAM	50	24	21.76	21.71	21.62	
20	64QAM	50	50	21.73	21.71	21.60	
20	64QAM	100	0	21.74	21.66	21.61	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.26	23.29	23.29	25
15	QPSK	1	37	23.17	23.18	23.16	
15	QPSK	1	74	23.11	23.10	23.13	
15	QPSK	36	0	23.35	23.33	23.29	24
15	QPSK	36	20	23.44	23.38	23.39	
15	QPSK	36	39	23.38	23.41	23.33	
15	QPSK	75	0	23.37	23.37	23.37	
15	16QAM	1	0	23.66	23.68	23.59	24
15	16QAM	1	37	23.62	23.64	23.49	
15	16QAM	1	74	23.54	23.55	23.36	
15	16QAM	36	0	22.64	22.66	22.65	23
15	16QAM	36	20	22.74	22.69	22.64	
15	16QAM	36	39	22.68	22.62	22.68	
15	16QAM	75	0	22.69	22.70	22.63	
15	64QAM	1	0	22.77	22.83	22.77	23
15	64QAM	1	37	22.70	22.78	22.78	
15	64QAM	1	74	22.63	22.63	22.60	
15	64QAM	36	0	21.61	21.59	21.67	22
15	64QAM	36	20	21.72	21.76	21.68	
15	64QAM	36	39	21.67	21.71	21.67	
15	64QAM	75	0	21.68	21.68	21.72	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.24	23.33	23.27	25
10	QPSK	1	25	23.18	23.20	23.16	
10	QPSK	1	49	23.15	23.18	23.10	
10	QPSK	25	0	23.34	23.33	23.28	24
10	QPSK	25	12	23.36	23.34	23.36	
10	QPSK	25	25	23.42	23.42	23.38	
10	QPSK	50	0	23.41	23.37	23.42	
10	16QAM	1	0	23.59	23.65	23.60	24
10	16QAM	1	25	23.55	23.55	23.53	
10	16QAM	1	49	23.47	23.53	23.46	
10	16QAM	25	0	22.65	22.63	22.60	23
10	16QAM	25	12	22.69	22.64	22.66	
10	16QAM	25	25	22.63	22.65	22.68	
10	16QAM	50	0	22.67	22.66	22.72	
10	64QAM	1	0	22.83	22.80	22.74	23
10	64QAM	1	25	22.73	22.69	22.74	
10	64QAM	1	49	22.66	22.59	22.63	
10	64QAM	25	0	21.58	21.64	21.64	22
10	64QAM	25	12	21.67	21.69	21.74	
10	64QAM	25	25	21.72	21.70	21.63	
10	64QAM	50	0	21.72	21.73	21.68	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.32	23.33	23.25	25
5	QPSK	1	12	23.19	23.16	23.17	
5	QPSK	1	24	23.09	23.14	23.10	
5	QPSK	12	0	23.28	23.33	23.27	24
5	QPSK	12	7	23.37	23.41	23.44	
5	QPSK	12	13	23.39	23.40	23.37	
5	QPSK	25	0	23.34	23.44	23.36	
5	16QAM	1	0	23.65	23.68	23.67	24
5	16QAM	1	12	23.60	23.52	23.52	
5	16QAM	1	24	23.45	23.48	23.51	
5	16QAM	12	0	22.62	22.57	22.58	23
5	16QAM	12	7	22.66	22.73	22.68	
5	16QAM	12	13	22.62	22.69	22.69	
5	16QAM	25	0	22.69	22.70	22.72	
5	64QAM	1	0	22.79	22.76	22.81	23
5	64QAM	1	12	22.70	22.77	22.71	
5	64QAM	1	24	22.65	22.59	22.68	
5	64QAM	12	0	21.59	21.59	21.64	22
5	64QAM	12	7	21.74	21.71	21.73	
5	64QAM	12	13	21.73	21.70	21.63	
5	64QAM	25	0	21.74	21.72	21.71	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.25	23.33	23.34	25
3	QPSK	1	8	23.18	23.21	23.17	
3	QPSK	1	14	23.13	23.10	23.18	
3	QPSK	8	0	23.30	23.27	23.35	24
3	QPSK	8	4	23.35	23.41	23.44	
3	QPSK	8	7	23.39	23.42	23.32	
3	QPSK	15	0	23.36	23.36	23.40	
3	16QAM	1	0	23.65	23.68	23.67	24
3	16QAM	1	8	23.55	23.53	23.52	
3	16QAM	1	14	23.50	23.50	23.48	
3	16QAM	8	0	22.65	22.56	22.66	23
3	16QAM	8	4	22.72	22.74	22.69	
3	16QAM	8	7	22.66	22.70	22.72	
3	16QAM	15	0	22.69	22.63	22.67	
3	64QAM	1	0	22.80	22.84	22.76	23
3	64QAM	1	8	22.69	22.69	22.69	
3	64QAM	1	14	22.59	22.68	22.68	
3	64QAM	8	0	21.58	21.62	21.59	22
3	64QAM	8	4	21.72	21.69	21.73	
3	64QAM	8	7	21.63	21.64	21.63	
3	64QAM	15	0	21.67	21.74	21.67	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.25	23.31	23.31	25
1.4	QPSK	1	3	23.16	23.14	23.13	
1.4	QPSK	1	5	23.09	23.09	23.12	
1.4	QPSK	3	0	23.30	23.30	23.30	
1.4	QPSK	3	1	23.39	23.36	23.36	
1.4	QPSK	3	3	23.42	23.32	23.34	
1.4	QPSK	6	0	23.40	23.39	23.37	24
1.4	16QAM	1	0	23.67	23.64	23.62	24
1.4	16QAM	1	3	23.56	23.59	23.59	
1.4	16QAM	1	5	23.44	23.51	23.50	
1.4	16QAM	3	0	23.56	23.66	23.62	
1.4	16QAM	3	1	23.54	23.63	23.68	
1.4	16QAM	3	3	23.64	23.65	23.62	
1.4	16QAM	6	0	23.66	22.66	22.63	23
1.4	64QAM	1	0	22.76	22.81	22.80	23
1.4	64QAM	1	3	22.70	22.69	22.68	
1.4	64QAM	1	5	22.65	22.65	22.63	
1.4	64QAM	3	0	22.64	22.58	22.60	
1.4	64QAM	3	1	22.72	22.74	22.71	
1.4	64QAM	3	3	22.66	22.64	22.66	
1.4	64QAM	6	0	21.67	21.70	21.64	22

Band 4

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.90	23.94	23.98	25
20	QPSK	1	49	23.74	23.76	23.79	
20	QPSK	1	99	23.72	23.75	23.78	
20	QPSK	50	0	23.25	23.28	23.31	24
20	QPSK	50	24	23.27	23.21	23.33	
20	QPSK	50	50	23.21	23.20	23.24	
20	QPSK	100	0	23.25	23.24	23.30	
20	16QAM	1	0	23.54	23.59	23.62	24
20	16QAM	1	49	23.40	23.42	23.46	
20	16QAM	1	99	23.36	23.38	23.40	
20	16QAM	50	0	22.25	22.29	22.32	23
20	16QAM	50	24	22.29	22.23	22.31	
20	16QAM	50	50	22.22	22.22	22.24	
20	16QAM	100	0	22.24	22.21	22.32	
20	64QAM	1	0	22.42	22.48	22.47	23
20	64QAM	1	49	22.30	22.33	22.31	
20	64QAM	1	99	22.32	22.34	22.32	
20	64QAM	50	0	21.27	21.32	21.35	22
20	64QAM	50	24	21.28	21.26	21.34	
20	64QAM	50	50	21.23	21.24	21.28	
20	64QAM	100	0	21.27	21.24	21.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.89	23.94	23.88	25
15	QPSK	1	37	23.65	23.69	23.79	
15	QPSK	1	74	23.62	23.72	23.78	
15	QPSK	36	0	23.16	23.22	23.24	24
15	QPSK	36	20	23.19	23.17	23.25	
15	QPSK	36	39	23.16	23.10	23.24	
15	QPSK	75	0	23.22	23.22	23.25	
15	16QAM	1	0	23.50	23.51	23.55	24
15	16QAM	1	37	23.36	23.35	23.45	
15	16QAM	1	74	23.28	23.29	23.40	
15	16QAM	36	0	22.15	22.28	22.25	23
15	16QAM	36	20	22.22	22.14	22.23	
15	16QAM	36	39	22.17	22.13	22.18	
15	16QAM	75	0	22.15	22.21	22.26	
15	64QAM	1	0	22.33	22.47	22.38	23
15	64QAM	1	37	22.26	22.31	22.31	
15	64QAM	1	74	22.32	22.34	22.30	
15	64QAM	36	0	21.20	21.31	21.35	22
15	64QAM	36	20	21.18	21.23	21.28	
15	64QAM	36	39	21.20	21.19	21.24	
15	64QAM	75	0	21.20	21.23	21.26	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.84	23.85	23.96	25
10	QPSK	1	25	23.73	23.68	23.77	
10	QPSK	1	49	23.68	23.66	23.77	
10	QPSK	25	0	23.25	23.18	23.29	24
10	QPSK	25	12	23.25	23.15	23.31	
10	QPSK	25	25	23.11	23.20	23.21	
10	QPSK	50	0	23.20	23.14	23.21	
10	16QAM	1	0	23.53	23.56	23.52	24
10	16QAM	1	25	23.35	23.33	23.40	
10	16QAM	1	49	23.36	23.35	23.39	
10	16QAM	25	0	22.15	22.25	22.27	23
10	16QAM	25	12	22.20	22.20	22.25	
10	16QAM	25	25	22.13	22.21	22.18	
10	16QAM	50	0	22.23	22.13	22.24	
10	64QAM	1	0	22.32	22.40	22.45	23
10	64QAM	1	25	22.27	22.29	22.25	
10	64QAM	1	49	22.30	22.34	22.24	
10	64QAM	25	0	21.17	21.23	21.26	22
10	64QAM	25	12	21.18	21.25	21.28	
10	64QAM	25	25	21.16	21.16	21.27	
10	64QAM	50	0	21.21	21.15	21.23	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.88	23.90	23.89	25
5	QPSK	1	12	23.67	23.70	23.76	
5	QPSK	1	24	23.63	23.72	23.71	
5	QPSK	12	0	23.25	23.20	23.24	24
5	QPSK	12	7	23.27	23.12	23.28	
5	QPSK	12	13	23.21	23.14	23.23	
5	QPSK	25	0	23.15	23.15	23.25	
5	16QAM	1	0	23.50	23.52	23.55	24
5	16QAM	1	12	23.36	23.34	23.46	
5	16QAM	1	24	23.28	23.29	23.30	
5	16QAM	12	0	22.20	22.25	22.23	23
5	16QAM	12	7	22.28	22.14	22.30	
5	16QAM	12	13	22.20	22.19	22.22	
5	16QAM	25	0	22.23	22.15	22.31	
5	64QAM	1	0	22.34	22.42	22.41	23
5	64QAM	1	12	22.20	22.23	22.28	
5	64QAM	1	24	22.27	22.27	22.27	
5	64QAM	12	0	21.23	21.22	21.33	22
5	64QAM	12	7	21.18	21.21	21.26	
5	64QAM	12	13	21.13	21.22	21.20	
5	64QAM	25	0	21.26	21.21	21.33	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.83	23.88	23.93	25
3	QPSK	1	8	23.73	23.74	23.79	
3	QPSK	1	14	23.67	23.70	23.73	
3	QPSK	8	0	23.23	23.18	23.31	24
3	QPSK	8	4	23.22	23.15	23.33	
3	QPSK	8	7	23.17	23.16	23.23	
3	QPSK	15	0	23.22	23.23	23.24	
3	16QAM	1	0	23.53	23.49	23.56	24
3	16QAM	1	8	23.35	23.33	23.45	
3	16QAM	1	14	23.36	23.30	23.31	
3	16QAM	8	0	22.24	22.19	22.23	23
3	16QAM	8	4	22.19	22.17	22.22	
3	16QAM	8	7	22.17	22.18	22.16	
3	16QAM	15	0	22.16	22.14	22.31	
3	64QAM	1	0	22.42	22.47	22.37	23
3	64QAM	1	8	22.30	22.23	22.29	
3	64QAM	1	14	22.26	22.34	22.27	
3	64QAM	8	0	21.22	21.26	21.27	22
3	64QAM	8	4	21.21	21.26	21.24	
3	64QAM	8	7	21.15	21.15	21.25	
3	64QAM	15	0	21.24	21.19	21.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.80	23.93	23.97	25
1.4	QPSK	1	3	23.69	23.67	23.74	
1.4	QPSK	1	5	23.72	23.75	23.72	
1.4	QPSK	3	0	23.78	23.88	23.92	
1.4	QPSK	3	1	23.64	23.64	23.67	
1.4	QPSK	3	3	23.72	23.69	23.68	
1.4	QPSK	6	0	23.24	23.21	23.28	24
1.4	16QAM	1	0	23.49	23.59	23.57	24
1.4	16QAM	1	3	23.39	23.34	23.45	
1.4	16QAM	1	5	23.29	23.29	23.30	
1.4	16QAM	3	0	23.46	23.49	23.49	
1.4	16QAM	3	1	23.32	23.29	23.42	
1.4	16QAM	3	3	23.27	23.21	23.23	
1.4	16QAM	6	0	22.21	22.15	22.22	23
1.4	64QAM	1	0	22.39	22.46	22.43	23
1.4	64QAM	1	3	22.29	22.26	22.26	
1.4	64QAM	1	5	22.23	22.31	22.28	
1.4	64QAM	3	0	22.29	22.42	22.39	
1.4	64QAM	3	1	22.25	22.24	22.20	
1.4	64QAM	3	3	22.19	22.27	22.28	
1.4	64QAM	6	0	21.25	21.19	21.28	22

Band 5							
Ant 0							
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	24.40	24.37	24.38	25
10	QPSK	1	25	24.27	24.29	24.30	
10	QPSK	1	49	24.32	24.33	24.28	
10	QPSK	25	0	23.43	23.41	23.40	24
10	QPSK	25	12	23.49	23.41	23.42	
10	QPSK	25	25	23.46	23.44	23.45	
10	QPSK	50	0	23.50	23.50	23.39	
10	16QAM	1	0	23.77	23.74	23.72	24
10	16QAM	1	25	23.69	23.70	23.66	
10	16QAM	1	49	23.69	23.66	23.61	
10	16QAM	25	0	22.44	22.42	22.40	23
10	16QAM	25	12	22.52	22.41	22.39	
10	16QAM	25	25	22.46	22.43	22.40	
10	16QAM	50	0	22.53	22.48	22.41	
10	64QAM	1	0	22.58	22.58	22.57	23
10	64QAM	1	25	22.64	22.63	22.46	
10	64QAM	1	49	22.56	22.60	22.11	
10	64QAM	25	0	21.44	21.43	21.45	22
10	64QAM	25	12	21.55	21.44	21.45	
10	64QAM	25	25	21.51	21.48	21.08	
10	64QAM	50	0	21.54	21.52	21.32	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.34	24.37	24.34	25
5	QPSK	1	12	24.22	24.21	24.22	
5	QPSK	1	24	24.24	24.31	24.26	
5	QPSK	12	0	23.38	23.35	23.35	24
5	QPSK	12	7	23.46	23.31	23.33	
5	QPSK	12	13	23.37	23.39	23.41	
5	QPSK	25	0	23.42	23.43	23.31	
5	16QAM	1	0	23.73	23.68	23.71	24
5	16QAM	1	12	23.68	23.70	23.59	
5	16QAM	1	24	23.64	23.56	23.59	
5	16QAM	12	0	22.37	22.37	22.33	23
5	16QAM	12	7	22.46	22.41	22.33	
5	16QAM	12	13	22.38	22.35	22.33	
5	16QAM	25	0	22.48	22.38	22.39	
5	64QAM	1	0	22.48	22.58	22.50	23
5	64QAM	1	12	22.61	22.58	22.41	
5	64QAM	1	24	22.54	22.52	22.07	
5	64QAM	12	0	21.36	21.34	21.44	22
5	64QAM	12	7	21.55	21.40	21.43	
5	64QAM	12	13	21.45	21.48	21.05	
5	64QAM	25	0	21.44	21.52	21.25	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.32	24.27	24.32	25
3	QPSK	1	8	24.19	24.23	24.30	
3	QPSK	1	14	24.26	24.27	24.25	
3	QPSK	8	0	23.42	23.41	23.31	24
3	QPSK	8	4	23.46	23.37	23.35	
3	QPSK	8	7	23.37	23.39	23.35	
3	QPSK	15	0	23.42	23.49	23.36	
3	16QAM	1	0	23.72	23.66	23.69	24
3	16QAM	1	8	23.66	23.65	23.65	
3	16QAM	1	14	23.65	23.59	23.56	
3	16QAM	8	0	22.44	22.32	22.36	23
3	16QAM	8	4	22.51	22.33	22.34	
3	16QAM	8	7	22.46	22.43	22.34	
3	16QAM	15	0	22.53	22.44	22.37	
3	64QAM	1	0	22.51	22.54	22.47	23
3	64QAM	1	8	22.57	22.63	22.44	
3	64QAM	1	14	22.48	22.50	22.09	
3	64QAM	8	0	21.39	21.40	21.40	22
3	64QAM	8	4	21.46	21.43	21.35	
3	64QAM	8	7	21.51	21.45	21.05	
3	64QAM	15	0	21.45	21.43	21.27	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.30	24.33	24.36	25
1.4	QPSK	1	3	24.20	24.24	24.27	
1.4	QPSK	1	5	24.32	24.29	24.24	
1.4	QPSK	3	0	24.22	24.32	24.32	
1.4	QPSK	3	1	24.10	24.24	24.27	
1.4	QPSK	3	3	24.29	24.19	24.18	
1.4	QPSK	6	0	23.44	23.41	23.30	24
1.4	16QAM	1	0	23.76	23.71	23.70	24
1.4	16QAM	1	3	23.62	23.63	23.56	
1.4	16QAM	1	5	23.63	23.61	23.60	
1.4	16QAM	3	0	23.76	23.64	23.63	
1.4	16QAM	3	1	23.53	23.55	23.50	
1.4	16QAM	3	3	23.60	23.55	23.54	
1.4	16QAM	6	0	22.52	22.40	22.40	23
1.4	64QAM	1	0	22.52	22.52	22.52	23
1.4	64QAM	1	3	22.54	22.57	22.45	
1.4	64QAM	1	5	22.53	22.50	22.01	
1.4	64QAM	3	0	22.44	22.48	22.50	
1.4	64QAM	3	1	22.51	22.52	22.42	
1.4	64QAM	3	3	22.52	22.49	21.96	
1.4	64QAM	6	0	21.49	21.50	21.32	22

Band 7							
Ant 2							
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	21.40	21.42	21.43	23.1
20	QPSK	1	49	21.26	21.39	21.30	
20	QPSK	1	99	21.31	21.21	21.24	
20	QPSK	50	0	21.35	21.36	21.39	23.1
20	QPSK	50	24	21.27	21.35	21.30	
20	QPSK	50	50	21.32	21.32	21.31	
20	QPSK	100	0	21.31	21.33	21.37	
20	16QAM	1	0	21.39	21.21	21.24	23.1
20	16QAM	1	49	21.36	21.26	21.25	
20	16QAM	1	99	21.34	21.39	21.39	
20	16QAM	50	0	21.33	21.28	21.24	23
20	16QAM	50	24	21.21	21.24	21.28	
20	16QAM	50	50	21.38	21.38	21.36	
20	16QAM	100	0	21.32	21.25	21.21	
20	64QAM	1	0	21.29	21.35	21.40	23
20	64QAM	1	49	21.27	21.28	21.32	
20	64QAM	1	99	21.28	21.24	21.22	
20	64QAM	50	0	21.17	21.02	21.17	22
20	64QAM	50	24	21.11	21.13	21.17	
20	64QAM	50	50	21.16	21.19	21.15	
20	64QAM	100	0	21.11	21.20	21.00	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.40	21.36	21.35	23.1
15	QPSK	1	37	21.23	21.36	21.29	
15	QPSK	1	74	21.31	21.14	21.23	
15	QPSK	36	0	21.27	21.28	21.34	23.1
15	QPSK	36	20	21.25	21.32	21.22	
15	QPSK	36	39	21.29	21.29	21.27	
15	QPSK	75	0	21.25	21.30	21.35	
15	16QAM	1	0	21.31	21.20	21.21	23.1
15	16QAM	1	37	21.36	21.18	21.21	
15	16QAM	1	74	21.26	21.34	21.35	
15	16QAM	36	0	21.33	21.19	21.14	23
15	16QAM	36	20	21.12	21.14	21.25	
15	16QAM	36	39	21.30	21.37	21.28	
15	16QAM	75	0	21.29	21.16	21.12	
15	64QAM	1	0	21.27	21.31	21.33	23
15	64QAM	1	37	21.22	21.24	21.32	
15	64QAM	1	74	21.28	21.14	21.15	
15	64QAM	36	0	21.08	20.99	21.13	22
15	64QAM	36	20	21.07	21.03	21.16	
15	64QAM	36	39	21.06	21.16	21.12	
15	64QAM	75	0	21.11	21.13	20.99	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.38	21.36	21.42	23.1
10	QPSK	1	25	21.23	21.35	21.20	
10	QPSK	1	49	21.29	21.13	21.24	
10	QPSK	25	0	21.27	21.26	21.33	23.1
10	QPSK	25	12	21.17	21.34	21.20	
10	QPSK	25	25	21.28	21.22	21.21	
10	QPSK	50	0	21.22	21.26	21.29	
10	16QAM	1	0	21.38	21.21	21.19	23.1
10	16QAM	1	25	21.33	21.19	21.23	
10	16QAM	1	49	21.24	21.37	21.38	
10	16QAM	25	0	21.24	21.22	21.22	23
10	16QAM	25	12	21.18	21.14	21.24	
10	16QAM	25	25	21.35	21.31	21.34	
10	16QAM	50	0	21.26	21.17	21.15	
10	64QAM	1	0	21.19	21.30	21.34	23
10	64QAM	1	25	21.22	21.21	21.27	
10	64QAM	1	49	21.28	21.21	21.21	
10	64QAM	25	0	21.11	20.92	21.07	22
10	64QAM	25	12	21.04	21.09	21.13	
10	64QAM	25	25	21.10	21.14	21.07	
10	64QAM	50	0	21.09	21.20	20.97	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.39	21.36	21.35	23.1
5	QPSK	1	12	21.16	21.35	21.23	
5	QPSK	1	24	21.24	21.14	21.21	
5	QPSK	12	0	21.35	21.34	21.31	23.1
5	QPSK	12	7	21.27	21.26	21.25	
5	QPSK	12	13	21.29	21.28	21.23	
5	QPSK	25	0	21.25	21.30	21.34	
5	16QAM	1	0	21.30	21.13	21.24	23.1
5	16QAM	1	12	21.33	21.22	21.16	
5	16QAM	1	24	21.24	21.38	21.34	
5	16QAM	12	0	21.24	21.28	21.23	23
5	16QAM	12	7	21.11	21.17	21.27	
5	16QAM	12	13	21.37	21.32	21.31	
5	16QAM	25	0	21.24	21.18	21.11	
5	64QAM	1	0	21.28	21.25	21.36	23
5	64QAM	1	12	21.26	21.20	21.32	
5	64QAM	1	24	21.20	21.23	21.14	
5	64QAM	12	0	21.14	20.97	21.13	22
5	64QAM	12	7	21.11	21.10	21.09	
5	64QAM	12	13	21.15	21.13	21.14	
5	64QAM	25	0	21.06	21.20	20.96	

Band 12

Ant 0

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	24.32	24.27	24.27	25
10	QPSK	1	25	24.30	24.30	24.33	
10	QPSK	1	49	24.37	24.38	24.31	
10	QPSK	25	0	23.43	23.46	23.43	24
10	QPSK	25	12	23.50	23.42	23.45	
10	QPSK	25	25	23.51	23.53	23.50	
10	QPSK	50	0	23.52	23.46	23.47	
10	16QAM	1	0	23.73	23.65	23.64	24
10	16QAM	1	25	23.70	23.72	23.69	
10	16QAM	1	49	23.77	23.74	23.72	
10	16QAM	25	0	22.44	22.46	22.47	23
10	16QAM	25	12	22.51	22.47	22.46	
10	16QAM	25	25	22.49	22.51	22.51	
10	16QAM	50	0	22.53	22.47	22.44	
10	64QAM	1	0	22.53	22.47	22.49	23
10	64QAM	1	25	22.61	22.64	22.61	
10	64QAM	1	49	22.67	22.60	22.60	
10	64QAM	25	0	21.46	21.47	21.48	22
10	64QAM	25	12	21.56	21.49	21.49	
10	64QAM	25	25	21.51	21.55	21.53	
10	64QAM	50	0	21.55	21.48	21.49	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.31	24.26	24.21	25
5	QPSK	1	12	24.22	24.21	24.24	
5	QPSK	1	24	24.36	24.30	24.25	
5	QPSK	12	0	23.40	23.46	23.42	24
5	QPSK	12	7	23.46	23.40	23.41	
5	QPSK	12	13	23.48	23.43	23.46	
5	QPSK	25	0	23.48	23.42	23.47	
5	16QAM	1	0	23.71	23.63	23.59	24
5	16QAM	1	12	23.69	23.62	23.61	
5	16QAM	1	24	23.76	23.72	23.65	
5	16QAM	12	0	22.34	22.38	22.43	23
5	16QAM	12	7	22.46	22.43	22.43	
5	16QAM	12	13	22.39	22.43	22.45	
5	16QAM	25	0	22.47	22.44	22.36	
5	64QAM	1	0	22.49	22.46	22.49	23
5	64QAM	1	12	22.58	22.61	22.57	
5	64QAM	1	24	22.63	22.50	22.54	
5	64QAM	12	0	21.38	21.40	21.46	22
5	64QAM	12	7	21.55	21.46	21.45	
5	64QAM	12	13	21.46	21.51	21.43	
5	64QAM	25	0	21.49	21.38	21.41	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.28	24.17	24.21	25
3	QPSK	1	8	24.20	24.29	24.27	
3	QPSK	1	14	24.32	24.28	24.23	
3	QPSK	8	0	23.40	23.38	23.39	24
3	QPSK	8	4	23.44	23.41	23.40	
3	QPSK	8	7	23.41	23.42	23.50	
3	QPSK	15	0	23.42	23.38	23.38	
3	16QAM	1	0	23.71	23.56	23.63	24
3	16QAM	1	8	23.61	23.68	23.63	
3	16QAM	1	14	23.73	23.73	23.72	
3	16QAM	8	0	22.41	22.37	22.41	23
3	16QAM	8	4	22.42	22.45	22.45	
3	16QAM	8	7	22.46	22.43	22.51	
3	16QAM	15	0	22.51	22.45	22.43	
3	64QAM	1	0	22.46	22.37	22.40	23
3	64QAM	1	8	22.56	22.60	22.59	
3	64QAM	1	14	22.59	22.51	22.60	
3	64QAM	8	0	21.40	21.37	21.47	22
3	64QAM	8	4	21.48	21.43	21.49	
3	64QAM	8	7	21.51	21.54	21.44	
3	64QAM	15	0	21.54	21.45	21.41	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.29	24.18	24.23	25
1.4	QPSK	1	3	24.24	24.30	24.29	
1.4	QPSK	1	5	24.29	24.28	24.27	
1.4	QPSK	3	0	24.23	24.11	24.15	
1.4	QPSK	3	1	24.14	24.22	24.23	
1.4	QPSK	3	3	24.19	24.18	24.22	
1.4	QPSK	6	0	23.51	23.37	23.41	24
1.4	16QAM	1	0	23.69	23.60	23.63	24
1.4	16QAM	1	3	23.66	23.68	23.65	
1.4	16QAM	1	5	23.75	23.69	23.68	
1.4	16QAM	3	0	23.65	23.50	23.63	
1.4	16QAM	3	1	23.62	23.63	23.61	
1.4	16QAM	3	3	23.69	23.62	23.58	
1.4	16QAM	6	0	22.44	22.44	22.35	23
1.4	64QAM	1	0	22.48	22.47	22.48	23
1.4	64QAM	1	3	22.55	22.61	22.61	
1.4	64QAM	1	5	22.58	22.53	22.57	
1.4	64QAM	3	0	22.38	22.40	22.40	
1.4	64QAM	3	1	22.51	22.59	22.52	
1.4	64QAM	3	3	22.58	22.53	22.53	
1.4	64QAM	6	0	21.50	21.38	21.46	22

Band 13							
Ant 0							
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		24.52		25
10	QPSK	1	25		24.48		
10	QPSK	1	49		24.45		
10	QPSK	25	0		23.54		24
10	QPSK	25	12		23.56		
10	QPSK	25	25		23.61		
10	QPSK	50	0		23.60		
10	16QAM	1	0		23.79		24
10	16QAM	1	25		23.82		
10	16QAM	1	49		23.82		
10	16QAM	25	0		22.56		23
10	16QAM	25	12		22.62		
10	16QAM	25	25		22.63		
10	16QAM	50	0		22.58		
10	64QAM	1	0		22.74		23
10	64QAM	1	25		22.72		
10	64QAM	1	49		22.75		
10	64QAM	25	0		21.58		22
10	64QAM	25	12		21.64		
10	64QAM	25	25		21.64		
10	64QAM	50	0		21.59		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.38	24.36	24.39	25
5	QPSK	1	12	24.43	24.48	24.40	
5	QPSK	1	24	24.47	24.48	24.42	
5	QPSK	12	0	23.53	23.45	23.50	24
5	QPSK	12	7	23.56	23.56	23.47	
5	QPSK	12	13	23.57	23.60	23.54	
5	QPSK	25	0	23.51	23.55	23.59	
5	16QAM	1	0	23.69	23.74	23.76	24
5	16QAM	1	12	23.81	23.72	23.77	
5	16QAM	1	24	23.80	23.72	23.73	
5	16QAM	12	0	22.51	22.50	22.53	23
5	16QAM	12	7	22.54	22.55	22.60	
5	16QAM	12	13	22.61	22.56	22.60	
5	16QAM	25	0	22.50	22.52	22.56	
5	64QAM	1	0	22.71	22.65	22.72	23
5	64QAM	1	12	22.71	22.69	22.64	
5	64QAM	1	24	22.75	22.65	22.66	
5	64QAM	12	0	21.55	21.50	21.51	22
5	64QAM	12	7	21.58	21.63	21.56	
5	64QAM	12	13	21.63	21.57	21.59	
5	64QAM	25	0	21.59	21.49	21.59	

Band 14							
Ant 0							
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		24.45		25
10	QPSK	1	25		24.40		
10	QPSK	1	49		24.35		
10	QPSK	25	0		23.49		24
10	QPSK	25	12		23.52		
10	QPSK	25	25		23.56		
10	QPSK	50	0		23.48		
10	16QAM	1	0		23.89		24
10	16QAM	1	25		23.76		
10	16QAM	1	49		23.78		
10	16QAM	25	0		22.50		23
10	16QAM	25	12		22.51		
10	16QAM	25	25		22.54		
10	16QAM	50	0		22.48		
10	64QAM	1	0		22.70		23
10	64QAM	1	25		22.76		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.53		22
10	64QAM	25	12		21.53		
10	64QAM	25	25		21.59		
10	64QAM	50	0		21.51		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.38	24.44	24.43	25
5	QPSK	1	12	24.41	24.36	24.42	
5	QPSK	1	24	24.30	24.27	24.31	
5	QPSK	12	0	23.39	23.43	23.43	24
5	QPSK	12	7	23.49	23.44	23.47	
5	QPSK	12	13	23.55	23.46	23.55	
5	QPSK	25	0	23.42	23.43	23.48	
5	16QAM	1	0	23.82	23.81	23.87	24
5	16QAM	1	12	23.68	23.68	23.69	
5	16QAM	1	24	23.70	23.70	23.78	
5	16QAM	12	0	22.50	22.41	22.41	23
5	16QAM	12	7	22.41	22.50	22.46	
5	16QAM	12	13	22.51	22.49	22.51	
5	16QAM	25	0	22.41	22.48	22.39	
5	64QAM	1	0	22.70	22.61	22.65	23
5	64QAM	1	12	22.75	22.68	22.75	
5	64QAM	1	24	22.60	22.63	22.54	
5	64QAM	12	0	21.51	21.47	21.46	22
5	64QAM	12	7	21.44	21.47	21.47	
5	64QAM	12	13	21.50	21.54	21.54	
5	64QAM	25	0	21.42	21.49	21.51	

Band 17							
Ant 0							
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	24.28	24.29	24.25	25
10	QPSK	1	25	24.33	24.32	24.31	
10	QPSK	1	49	24.38	24.37	24.32	
10	QPSK	25	0	23.38	23.38	23.37	24
10	QPSK	25	12	23.54	23.45	23.44	
10	QPSK	25	25	23.54	23.54	23.54	
10	QPSK	50	0	23.52	23.43	23.43	
10	16QAM	1	0	23.65	23.64	23.64	24
10	16QAM	1	25	23.69	23.69	23.71	
10	16QAM	1	49	23.71	23.73	23.70	
10	16QAM	25	0	22.38	22.39	22.40	23
10	16QAM	25	12	22.54	22.45	22.45	
10	16QAM	25	25	22.54	22.58	22.51	
10	16QAM	50	0	22.52	22.43	22.41	
10	64QAM	1	0	22.56	22.51	22.53	23
10	64QAM	1	25	22.64	22.64	22.66	
10	64QAM	1	49	22.64	22.64	22.62	
10	64QAM	25	0	21.43	21.42	21.43	22
10	64QAM	25	12	21.58	21.50	21.49	
10	64QAM	25	25	21.57	21.55	21.57	
10	64QAM	50	0	21.54	21.46	21.44	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.20	24.23	24.22	25
5	QPSK	1	12	24.23	24.32	24.28	
5	QPSK	1	24	24.31	24.33	24.27	
5	QPSK	12	0	23.33	23.29	23.31	24
5	QPSK	12	7	23.48	23.45	23.43	
5	QPSK	12	13	23.48	23.53	23.45	
5	QPSK	25	0	23.51	23.38	23.39	
5	16QAM	1	0	23.63	23.62	23.59	24
5	16QAM	1	12	23.68	23.61	23.68	
5	16QAM	1	24	23.68	23.73	23.65	
5	16QAM	12	0	22.34	22.29	22.31	23
5	16QAM	12	7	22.44	22.35	22.45	
5	16QAM	12	13	22.54	22.55	22.45	
5	16QAM	25	0	22.42	22.40	22.35	
5	64QAM	1	0	22.48	22.44	22.53	23
5	64QAM	1	12	22.60	22.54	22.62	
5	64QAM	1	24	22.61	22.54	22.54	
5	64QAM	12	0	21.35	21.36	21.37	22
5	64QAM	12	7	21.49	21.49	21.46	
5	64QAM	12	13	21.55	21.47	21.54	
5	64QAM	25	0	21.52	21.42	21.43	

Band 25

Ant 2

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	23.59	23.66	23.50	25
20	QPSK	1	49	23.51	23.61	23.40	
20	QPSK	1	99	23.45	23.54	23.30	
20	QPSK	50	0	23.34	23.41	23.26	24
20	QPSK	50	24	23.30	23.37	23.22	
20	QPSK	50	50	23.31	23.38	23.19	
20	QPSK	100	0	23.17	23.32	23.25	
20	16QAM	1	0	23.26	23.30	23.16	24
20	16QAM	1	49	23.19	23.25	23.05	
20	16QAM	1	99	23.13	23.20	22.98	
20	16QAM	50	0	22.61	22.64	22.56	23
20	16QAM	50	24	22.65	22.75	22.54	
20	16QAM	50	50	22.61	22.67	22.50	
20	16QAM	100	0	22.64	22.62	22.53	
20	64QAM	1	0	22.71	22.80	22.69	23
20	64QAM	1	49	22.72	22.81	22.58	
20	64QAM	1	99	22.66	22.77	22.05	
20	64QAM	50	0	21.63	21.67	21.59	22
20	64QAM	50	24	21.67	21.77	21.57	
20	64QAM	50	50	21.63	21.70	21.45	
20	64QAM	100	0	21.65	21.64	21.37	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.02	23.07	22.87	25
15	QPSK	1	37	22.90	23.00	22.82	
15	QPSK	1	74	22.89	22.98	22.74	
15	QPSK	36	0	23.01	23.05	22.99	24
15	QPSK	36	20	23.12	23.14	22.99	
15	QPSK	36	39	23.04	23.15	22.89	
15	QPSK	75	0	23.15	23.00	22.94	
15	16QAM	1	0	23.36	23.40	23.25	24
15	16QAM	1	37	23.31	23.33	23.13	
15	16QAM	1	74	23.16	23.22	23.08	
15	16QAM	36	0	22.39	22.37	22.31	23
15	16QAM	36	20	22.42	22.50	22.29	
15	16QAM	36	39	22.39	22.40	22.25	
15	16QAM	75	0	22.36	22.31	22.29	
15	64QAM	1	0	22.44	22.52	22.44	23
15	64QAM	1	37	22.51	22.53	22.34	
15	64QAM	1	74	22.38	22.50	21.76	
15	64QAM	36	0	21.36	21.36	21.37	22
15	64QAM	36	20	21.38	21.45	21.28	
15	64QAM	36	39	21.36	21.48	21.16	
15	64QAM	75	0	21.40	21.37	21.11	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.98	22.98	22.86	25
10	QPSK	1	25	22.91	22.99	22.83	
10	QPSK	1	49	22.91	22.95	22.71	
10	QPSK	25	0	23.02	23.04	22.98	24
10	QPSK	25	12	23.10	23.12	22.99	
10	QPSK	25	25	23.02	23.11	22.91	
10	QPSK	50	0	23.07	23.06	23.00	
10	16QAM	1	0	23.36	23.41	23.23	24
10	16QAM	1	25	23.27	23.33	23.09	
10	16QAM	1	49	23.16	23.23	23.02	
10	16QAM	25	0	22.39	22.36	22.33	23
10	16QAM	25	12	22.42	22.44	22.29	
10	16QAM	25	25	22.35	22.38	22.20	
10	16QAM	50	0	22.37	22.34	22.28	
10	64QAM	1	0	22.49	22.55	22.38	23
10	64QAM	1	25	22.44	22.53	22.33	
10	64QAM	1	49	22.36	22.50	21.75	
10	64QAM	25	0	21.40	21.39	21.29	22
10	64QAM	25	12	21.39	21.48	21.33	
10	64QAM	25	25	21.38	21.48	21.15	
10	64QAM	50	0	21.39	21.41	21.06	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.05	22.98	22.92	25
5	QPSK	1	12	22.94	23.01	22.79	
5	QPSK	1	24	22.85	22.94	22.72	
5	QPSK	12	0	23.08	23.08	23.03	24
5	QPSK	12	7	23.06	23.13	22.95	
5	QPSK	12	13	23.09	23.10	22.97	
5	QPSK	25	0	23.12	23.03	22.97	
5	16QAM	1	0	23.31	23.39	23.25	24
5	16QAM	1	12	23.21	23.34	23.08	
5	16QAM	1	24	23.25	23.28	22.98	
5	16QAM	12	0	22.38	22.39	22.25	23
5	16QAM	12	7	22.41	22.51	22.32	
5	16QAM	12	13	22.38	22.36	22.24	
5	16QAM	25	0	22.41	22.37	22.22	
5	64QAM	1	0	22.51	22.49	22.44	23
5	64QAM	1	12	22.49	22.58	22.34	
5	64QAM	1	24	22.37	22.53	21.75	
5	64QAM	12	0	21.39	21.43	21.29	22
5	64QAM	12	7	21.40	21.46	21.30	
5	64QAM	12	13	21.38	21.47	21.19	
5	64QAM	25	0	21.35	21.32	21.11	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.99	22.98	22.84	25
3	QPSK	1	8	22.95	22.97	22.75	
3	QPSK	1	14	22.83	22.91	22.72	
3	QPSK	8	0	23.07	23.12	23.02	24
3	QPSK	8	4	23.08	23.18	22.93	
3	QPSK	8	7	23.10	23.09	22.88	
3	QPSK	15	0	23.07	23.06	22.95	
3	16QAM	1	0	23.39	23.44	23.22	24
3	16QAM	1	8	23.24	23.34	23.18	
3	16QAM	1	14	23.20	23.28	23.00	
3	16QAM	8	0	22.32	22.32	22.24	23
3	16QAM	8	4	22.39	22.43	22.32	
3	16QAM	8	7	22.35	22.41	22.19	
3	16QAM	15	0	22.38	22.34	22.25	
3	64QAM	1	0	22.49	22.56	22.44	23
3	64QAM	1	8	22.52	22.58	22.33	
3	64QAM	1	14	22.37	22.53	21.76	
3	64QAM	8	0	21.42	21.35	21.29	22
3	64QAM	8	4	21.44	21.53	21.35	
3	64QAM	8	7	21.37	21.43	21.20	
3	64QAM	15	0	21.35	21.41	21.13	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.97	23.02	22.94	25
1.4	QPSK	1	3	22.90	22.97	22.77	
1.4	QPSK	1	5	22.87	22.94	22.70	
1.4	QPSK	3	0	22.93	22.92	22.87	
1.4	QPSK	3	1	22.87	22.97	22.69	
1.4	QPSK	3	3	22.81	22.87	22.60	
1.4	QPSK	6	0	23.16	23.06	23.01	24
1.4	16QAM	1	0	23.33	23.34	23.25	24
1.4	16QAM	1	3	23.22	23.34	23.17	
1.4	16QAM	1	5	23.19	23.30	22.98	
1.4	16QAM	3	0	23.32	23.33	23.21	
1.4	16QAM	3	1	23.14	23.26	23.13	
1.4	16QAM	3	3	23.19	23.24	22.96	
1.4	16QAM	6	0	22.37	22.37	22.27	23
1.4	64QAM	1	0	22.51	22.53	22.44	23
1.4	64QAM	1	3	22.42	22.53	22.29	
1.4	64QAM	1	5	22.39	22.46	21.75	
1.4	64QAM	3	0	22.42	22.48	22.35	
1.4	64QAM	3	1	22.39	22.45	22.22	
1.4	64QAM	3	3	22.36	22.41	21.74	
1.4	64QAM	6	0	21.39	21.35	21.12	22

Band 26

Ant 0

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	24.39	24.31	24.28	25
15	QPSK	1	37	24.30	24.29	24.28	
15	QPSK	1	74	24.32	24.29	24.17	
15	QPSK	36	0	23.46	23.45	23.42	24
15	QPSK	36	20	23.54	23.41	23.48	
15	QPSK	36	39	23.47	23.44	23.40	
15	QPSK	75	0	23.50	23.39	23.41	
15	16QAM	1	0	23.68	23.60	23.62	24
15	16QAM	1	37	23.62	23.63	23.61	
15	16QAM	1	74	23.64	23.59	23.47	
15	16QAM	36	0	22.49	22.44	22.45	23
15	16QAM	36	20	22.51	22.43	22.47	
15	16QAM	36	39	22.49	22.46	22.42	
15	16QAM	75	0	22.53	22.43	22.42	
15	64QAM	1	0	22.52	22.49	22.49	23
15	64QAM	1	37	22.58	22.54	22.52	
15	64QAM	1	74	22.57	22.55	22.05	
15	64QAM	36	0	21.50	21.50	21.49	22
15	64QAM	36	20	21.53	21.44	21.51	
15	64QAM	36	39	21.51	21.51	21.47	
15	64QAM	75	0	21.53	21.44	21.45	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.29	24.23	24.27	25
10	QPSK	1	25	24.25	24.27	24.27	
10	QPSK	1	49	24.26	24.21	24.17	
10	QPSK	25	0	23.41	23.42	23.35	24
10	QPSK	25	12	23.49	23.38	23.43	
10	QPSK	25	25	23.42	23.39	23.36	
10	QPSK	50	0	23.43	23.33	23.39	
10	16QAM	1	0	23.60	23.60	23.57	24
10	16QAM	1	25	23.54	23.54	23.53	
10	16QAM	1	49	23.62	23.53	23.42	
10	16QAM	25	0	22.41	22.38	22.40	23
10	16QAM	25	12	22.44	22.37	22.47	
10	16QAM	25	25	22.49	22.40	22.41	
10	16QAM	50	0	22.49	22.39	22.32	
10	64QAM	1	0	22.45	22.41	22.46	23
10	64QAM	1	25	22.49	22.54	22.47	
10	64QAM	1	49	22.54	22.48	22.03	
10	64QAM	25	0	21.50	21.48	21.49	22
10	64QAM	25	12	21.44	21.43	21.51	
10	64QAM	25	25	21.48	21.45	21.37	
10	64QAM	50	0	21.43	21.44	21.38	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.29	24.27	24.19	25
5	QPSK	1	12	24.23	24.28	24.18	
5	QPSK	1	24	24.32	24.30	24.17	
5	QPSK	12	0	23.42	23.37	23.39	24
5	QPSK	12	7	23.51	23.41	23.45	
5	QPSK	12	13	23.47	23.37	23.30	
5	QPSK	25	0	23.43	23.37	23.40	
5	16QAM	1	0	23.68	23.53	23.58	24
5	16QAM	1	12	23.54	23.55	23.56	
5	16QAM	1	24	23.56	23.58	23.44	
5	16QAM	12	0	22.42	22.35	22.37	23
5	16QAM	12	7	22.46	22.42	22.41	
5	16QAM	12	13	22.46	22.41	22.42	
5	16QAM	25	0	22.52	22.41	22.38	
5	64QAM	1	0	22.43	22.45	22.45	23
5	64QAM	1	12	22.54	22.53	22.47	
5	64QAM	1	24	22.55	22.54	21.95	
5	64QAM	12	0	21.47	21.46	21.41	22
5	64QAM	12	7	21.52	21.39	21.48	
5	64QAM	12	13	21.49	21.45	21.45	
5	64QAM	25	0	21.51	21.35	21.39	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.28	24.22	24.24	25
3	QPSK	1	8	24.24	24.25	24.27	
3	QPSK	1	14	24.30	24.29	24.16	
3	QPSK	8	0	23.45	23.42	23.32	24
3	QPSK	8	4	23.53	23.36	23.41	
3	QPSK	8	7	23.47	23.37	23.37	
3	QPSK	15	0	23.43	23.34	23.37	
3	16QAM	1	0	23.64	23.59	23.56	24
3	16QAM	1	8	23.57	23.55	23.61	
3	16QAM	1	14	23.61	23.55	23.41	
3	16QAM	8	0	22.44	22.40	22.43	23
3	16QAM	8	4	22.42	22.36	22.46	
3	16QAM	8	7	22.49	22.40	22.32	
3	16QAM	15	0	22.51	22.33	22.38	
3	64QAM	1	0	22.44	22.40	22.42	23
3	64QAM	1	8	22.50	22.48	22.43	
3	64QAM	1	14	22.57	22.49	21.97	
3	64QAM	8	0	21.45	21.48	21.40	22
3	64QAM	8	4	21.47	21.41	21.44	
3	64QAM	8	7	21.49	21.44	21.42	
3	64QAM	15	0	21.43	21.44	21.39	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.26	24.21	24.25	25
1.4	QPSK	1	3	24.25	24.27	24.25	
1.4	QPSK	1	5	24.29	24.25	24.15	
1.4	QPSK	3	0	24.33	24.15	24.20	
1.4	QPSK	3	1	24.19	24.17	24.16	
1.4	QPSK	3	3	24.27	24.25	24.05	
1.4	QPSK	6	0	23.46	23.38	23.35	24
1.4	16QAM	1	0	23.66	23.50	23.60	24
1.4	16QAM	1	3	23.62	23.63	23.61	
1.4	16QAM	1	5	23.64	23.56	23.45	
1.4	16QAM	3	0	23.58	23.46	23.54	
1.4	16QAM	3	1	23.60	23.63	23.61	
1.4	16QAM	3	3	23.61	23.55	23.40	
1.4	16QAM	6	0	22.50	22.35	22.42	23
1.4	64QAM	1	0	22.42	22.49	22.45	23
1.4	64QAM	1	3	22.51	22.49	22.43	
1.4	64QAM	1	5	22.47	22.54	22.05	
1.4	64QAM	3	0	22.33	22.47	22.38	
1.4	64QAM	3	1	22.45	22.42	22.42	
1.4	64QAM	3	3	22.37	22.47	21.95	
1.4	64QAM	6	0	21.52	21.36	21.40	22

Band 30

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.15		22.9
10	QPSK	1	25		21.16		
10	QPSK	1	49		21.11		
10	QPSK	25	0		20.91		22.9
10	QPSK	25	12		20.93		
10	QPSK	25	25		20.94		
10	QPSK	50	0		20.98		
10	16QAM	1	0		20.99		22.9
10	16QAM	1	25		20.96		
10	16QAM	1	49		20.91		
10	16QAM	25	0		20.94		22.9
10	16QAM	25	12		20.95		
10	16QAM	25	25		20.92		
10	16QAM	50	0		20.94		
10	64QAM	1	0		21.03		22.9
10	64QAM	1	25		21.12		
10	64QAM	1	49		20.99		
10	64QAM	25	0		20.83		22
10	64QAM	25	12		20.92		
10	64QAM	25	25		20.93		
10	64QAM	50	0		20.91		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	20.96	20.94	20.94	22.9
5	QPSK	1	12	20.94	20.95	20.94	
5	QPSK	1	24	20.98	20.97	20.92	
5	QPSK	12	0	20.92	20.92	20.95	22.9
5	QPSK	12	7	20.98	20.97	20.99	
5	QPSK	12	13	20.94	20.90	20.93	
5	QPSK	25	0	20.95	20.97	20.92	
5	16QAM	1	0	20.91	20.92	20.92	22.9
5	16QAM	1	12	20.92	20.91	20.98	
5	16QAM	1	24	20.90	20.92	20.92	
5	16QAM	12	0	20.98	20.92	20.98	22.9
5	16QAM	12	7	20.94	20.90	20.98	
5	16QAM	12	13	20.96	20.92	20.92	
5	16QAM	25	0	20.93	20.96	20.94	
5	64QAM	1	0	21.00	20.98	21.04	22.9
5	64QAM	1	12	21.10	21.08	21.11	
5	64QAM	1	24	21.01	20.96	21.02	
5	64QAM	12	0	20.85	20.87	20.88	22
5	64QAM	12	7	20.87	20.91	20.88	
5	64QAM	12	13	20.91	20.97	20.88	
5	64QAM	25	0	20.90	20.90	20.95	

Band 66

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.83	23.92	23.94	25
20	QPSK	1	49	23.77	23.89	23.83	
20	QPSK	1	99	23.78	23.82	23.75	
20	QPSK	50	0	23.19	23.29	23.25	24
20	QPSK	50	24	23.25	23.26	23.30	
20	QPSK	50	50	23.20	23.30	23.23	
20	QPSK	100	0	23.21	23.23	23.32	
20	16QAM	1	0	23.41	23.59	23.60	24
20	16QAM	1	49	23.41	23.52	23.48	
20	16QAM	1	99	23.46	23.43	23.35	
20	16QAM	50	0	22.19	22.30	22.28	23
20	16QAM	50	24	22.25	22.26	22.33	
20	16QAM	50	50	22.22	22.28	22.26	
20	16QAM	100	0	22.21	22.25	22.33	
20	64QAM	1	0	22.31	22.44	22.44	23
20	64QAM	1	49	22.26	22.32	22.35	
20	64QAM	1	99	22.32	22.33	22.13	
20	64QAM	50	0	21.21	21.17	21.30	22
20	64QAM	50	24	21.27	21.30	21.33	
20	64QAM	50	50	21.23	21.30	21.25	
20	64QAM	100	0	21.25	21.28	21.33	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.73	23.82	23.87	25
15	QPSK	1	37	23.74	23.87	23.76	
15	QPSK	1	74	23.74	23.74	23.65	
15	QPSK	36	0	23.09	23.25	23.24	24
15	QPSK	36	20	23.22	23.19	23.20	
15	QPSK	36	39	23.14	23.28	23.18	
15	QPSK	75	0	23.17	23.21	23.23	
15	16QAM	1	0	23.32	23.49	23.55	24
15	16QAM	1	37	23.34	23.48	23.38	
15	16QAM	1	74	23.39	23.38	23.25	
15	16QAM	36	0	22.16	22.23	22.25	23
15	16QAM	36	20	22.21	22.17	22.27	
15	16QAM	36	39	22.16	22.18	22.21	
15	16QAM	75	0	22.17	22.16	22.25	
15	64QAM	1	0	22.28	22.42	22.36	23
15	64QAM	1	37	22.17	22.24	22.26	
15	64QAM	1	74	22.31	22.29	22.11	
15	64QAM	36	0	21.13	21.16	21.29	22
15	64QAM	36	20	21.26	21.25	21.24	
15	64QAM	36	39	21.16	21.28	21.22	
15	64QAM	75	0	21.16	21.20	21.26	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.80	23.91	23.88	25
10	QPSK	1	25	23.68	23.84	23.75	
10	QPSK	1	49	23.72	23.73	23.75	
10	QPSK	25	0	23.18	23.19	23.25	24
10	QPSK	25	12	23.25	23.22	23.29	
10	QPSK	25	25	23.13	23.24	23.23	
10	QPSK	50	0	23.17	23.14	23.30	
10	16QAM	1	0	23.34	23.54	23.54	24
10	16QAM	1	25	23.37	23.50	23.41	
10	16QAM	1	49	23.43	23.33	23.34	
10	16QAM	25	0	22.19	22.29	22.28	23
10	16QAM	25	12	22.21	22.23	22.27	
10	16QAM	25	25	22.22	22.18	22.25	
10	16QAM	50	0	22.17	22.20	22.23	
10	64QAM	1	0	22.30	22.34	22.36	23
10	64QAM	1	25	22.18	22.25	22.26	
10	64QAM	1	49	22.22	22.25	22.04	
10	64QAM	25	0	21.13	21.12	21.25	22
10	64QAM	25	12	21.20	21.25	21.24	
10	64QAM	25	25	21.14	21.26	21.25	
10	64QAM	50	0	21.16	21.26	21.23	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.79	23.87	23.89	25
5	QPSK	1	12	23.70	23.85	23.78	
5	QPSK	1	24	23.74	23.77	23.70	
5	QPSK	12	0	23.12	23.23	23.21	24
5	QPSK	12	7	23.19	23.17	23.20	
5	QPSK	12	13	23.17	23.26	23.17	
5	QPSK	25	0	23.15	23.17	23.22	
5	16QAM	1	0	23.34	23.55	23.50	24
5	16QAM	1	12	23.38	23.46	23.38	
5	16QAM	1	24	23.40	23.33	23.25	
5	16QAM	12	0	22.18	22.27	22.26	23
5	16QAM	12	7	22.25	22.19	22.24	
5	16QAM	12	13	22.12	22.19	22.18	
5	16QAM	25	0	22.13	22.23	22.24	
5	64QAM	1	0	22.26	22.39	22.35	23
5	64QAM	1	12	22.22	22.23	22.35	
5	64QAM	1	24	22.24	22.28	22.13	
5	64QAM	12	0	21.19	21.15	21.22	22
5	64QAM	12	7	21.22	21.30	21.25	
5	64QAM	12	13	21.21	21.22	21.25	
5	64QAM	25	0	21.24	21.19	21.32	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.76	23.90	23.88	25
3	QPSK	1	8	23.70	23.86	23.77	
3	QPSK	1	14	23.70	23.81	23.72	
3	QPSK	8	0	23.16	23.20	23.16	24
3	QPSK	8	4	23.18	23.23	23.26	
3	QPSK	8	7	23.17	23.30	23.13	
3	QPSK	15	0	23.11	23.23	23.25	
3	16QAM	1	0	23.41	23.52	23.50	24
3	16QAM	1	8	23.39	23.50	23.41	
3	16QAM	1	14	23.44	23.39	23.27	
3	16QAM	8	0	22.12	22.22	22.27	23
3	16QAM	8	4	22.20	22.23	22.33	
3	16QAM	8	7	22.14	22.25	22.16	
3	16QAM	15	0	22.17	22.24	22.26	
3	64QAM	1	0	22.24	22.34	22.38	23
3	64QAM	1	8	22.18	22.27	22.25	
3	64QAM	1	14	22.23	22.32	22.06	
3	64QAM	8	0	21.15	21.11	21.28	22
3	64QAM	8	4	21.23	21.20	21.24	
3	64QAM	8	7	21.21	21.29	21.17	
3	64QAM	15	0	21.16	21.24	21.33	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.80	23.84	23.91	25
1.4	QPSK	1	3	23.73	23.85	23.81	
1.4	QPSK	1	5	23.74	23.76	23.70	
1.4	QPSK	3	0	23.80	23.80	23.81	
1.4	QPSK	3	1	23.68	23.78	23.74	
1.4	QPSK	3	3	23.65	23.70	23.69	
1.4	QPSK	6	0	23.14	23.15	23.22	24
1.4	16QAM	1	0	23.38	23.56	23.51	24
1.4	16QAM	1	3	23.37	23.52	23.41	
1.4	16QAM	1	5	23.46	23.33	23.32	
1.4	16QAM	3	0	23.38	23.54	23.44	
1.4	16QAM	3	1	23.33	23.44	23.36	
1.4	16QAM	3	3	23.38	23.28	23.28	
1.4	16QAM	6	0	22.12	22.20	22.23	23
1.4	64QAM	1	0	22.26	22.35	22.40	23
1.4	64QAM	1	3	22.22	22.22	22.26	
1.4	64QAM	1	5	22.22	22.31	22.12	
1.4	64QAM	3	0	22.19	22.29	22.37	
1.4	64QAM	3	1	22.14	22.13	22.23	
1.4	64QAM	3	3	22.21	22.24	22.10	
1.4	64QAM	6	0	21.24	21.27	21.32	22

Band 71							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.41	24.33	24.29	25
20	QPSK	1	49	24.30	24.32	24.32	
20	QPSK	1	99	24.34	24.33	24.28	
20	QPSK	50	0	23.58	23.49	23.45	24
20	QPSK	50	24	23.53	23.43	23.44	
20	QPSK	50	50	23.49	23.41	23.40	
20	QPSK	100	0	23.50	23.46	23.43	
20	16QAM	1	0	23.77	23.66	23.61	24
20	16QAM	1	49	23.65	23.69	23.67	
20	16QAM	1	99	23.67	23.70	23.59	
20	16QAM	50	0	22.47	22.40	22.40	23
20	16QAM	50	24	22.50	22.43	22.43	
20	16QAM	50	50	22.50	22.52	22.51	
20	16QAM	100	0	22.49	22.42	22.47	
20	64QAM	1	0	22.58	22.44	22.45	23
20	64QAM	1	49	22.54	22.54	22.55	
20	64QAM	1	99	22.58	22.57	22.50	
20	64QAM	50	0	21.48	21.41	21.41	22
20	64QAM	50	24	21.53	21.48	21.47	
20	64QAM	50	50	21.49	21.54	21.55	
20	64QAM	100	0	21.52	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.35	24.19	24.27	25
15	QPSK	1	37	24.23	24.29	24.26	
15	QPSK	1	74	24.34	24.28	24.20	
15	QPSK	36	0	23.39	23.31	23.33	24
15	QPSK	36	20	23.46	23.40	23.41	
15	QPSK	36	39	23.49	23.43	23.45	
15	QPSK	75	0	23.40	23.36	23.45	
15	16QAM	1	0	23.73	23.62	23.53	24
15	16QAM	1	37	23.58	23.63	23.59	
15	16QAM	1	74	23.66	23.69	23.51	
15	16QAM	36	0	22.38	22.34	22.33	23
15	16QAM	36	20	22.40	22.38	22.40	
15	16QAM	36	39	22.42	22.44	22.43	
15	16QAM	75	0	22.45	22.40	22.42	
15	64QAM	1	0	22.53	22.38	22.45	23
15	64QAM	1	37	22.45	22.54	22.54	
15	64QAM	1	74	22.52	22.52	22.40	
15	64QAM	36	0	21.39	21.35	21.33	22
15	64QAM	36	20	21.52	21.48	21.40	
15	64QAM	36	39	21.41	21.53	21.50	
15	64QAM	75	0	21.45	21.32	21.48	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.32	24.26	24.27	25
10	QPSK	1	25	24.27	24.31	24.25	
10	QPSK	1	49	24.26	24.23	24.21	
10	QPSK	25	0	23.39	23.34	23.31	24
10	QPSK	25	12	23.51	23.38	23.36	
10	QPSK	25	25	23.47	23.43	23.45	
10	QPSK	50	0	23.41	23.34	23.42	
10	16QAM	1	0	23.69	23.57	23.54	24
10	16QAM	1	25	23.59	23.65	23.67	
10	16QAM	1	49	23.59	23.63	23.57	
10	16QAM	25	0	22.42	22.40	22.40	23
10	16QAM	25	12	22.43	22.39	22.43	
10	16QAM	25	25	22.43	22.43	22.50	
10	16QAM	50	0	22.46	22.40	22.45	
10	64QAM	1	0	22.48	22.38	22.40	23
10	64QAM	1	25	22.50	22.52	22.50	
10	64QAM	1	49	22.58	22.53	22.49	
10	64QAM	25	0	21.42	21.41	21.37	22
10	64QAM	25	12	21.48	21.48	21.42	
10	64QAM	25	25	21.39	21.48	21.46	
10	64QAM	50	0	21.50	21.36	21.48	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.36	24.21	24.19	25
5	QPSK	1	12	24.24	24.27	24.29	
5	QPSK	1	24	24.28	24.23	24.21	
5	QPSK	12	0	23.42	23.37	23.35	24
5	QPSK	12	7	23.51	23.36	23.43	
5	QPSK	12	13	23.44	23.42	23.47	
5	QPSK	25	0	23.45	23.35	23.40	
5	16QAM	1	0	23.72	23.61	23.54	24
5	16QAM	1	12	23.56	23.69	23.67	
5	16QAM	1	24	23.58	23.62	23.55	
5	16QAM	12	0	22.44	22.38	22.38	23
5	16QAM	12	7	22.45	22.33	22.33	
5	16QAM	12	13	22.43	22.51	22.48	
5	16QAM	25	0	22.41	22.39	22.40	
5	64QAM	1	0	22.48	22.36	22.40	23
5	64QAM	1	12	22.47	22.52	22.55	
5	64QAM	1	24	22.54	22.47	22.48	
5	64QAM	12	0	21.48	21.36	21.36	22
5	64QAM	12	7	21.45	21.47	21.44	
5	64QAM	12	13	21.45	21.47	21.53	
5	64QAM	25	0	21.42	21.37	21.49	

Band 2

Ant 0							
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	24.77	24.84	25
20	QPSK	1	49	24.78	24.73	24.63	
20	QPSK	1	99	24.68	24.71	24.74	
20	QPSK	50	0	23.83	23.79	23.78	24
20	QPSK	50	24	23.84	23.81	23.81	
20	QPSK	50	50	23.90	23.89	23.81	
20	QPSK	100	0	23.85	23.89	23.80	
20	16QAM	1	0	23.90	23.90	23.81	24
20	16QAM	1	49	23.90	23.90	23.88	
20	16QAM	1	99	23.88	23.85	23.83	
20	16QAM	50	0	22.86	22.81	22.83	23
20	16QAM	50	24	22.84	22.90	22.83	
20	16QAM	50	50	22.82	22.90	22.82	
20	16QAM	100	0	22.84	22.88	22.81	
20	64QAM	1	0	22.89	22.82	22.88	23
20	64QAM	1	49	22.84	22.86	21.93	
20	64QAM	1	99	22.25	22.86	22.90	
20	64QAM	50	0	21.87	21.82	21.17	22
20	64QAM	50	24	21.87	21.84	21.10	
20	64QAM	50	50	21.35	21.81	21.78	
20	64QAM	100	0	21.89	21.90	21.41	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.69	24.76	24.83	25
15	QPSK	1	37	24.78	24.70	24.53	
15	QPSK	1	74	24.64	24.64	24.74	
15	QPSK	36	0	23.79	23.77	23.75	24
15	QPSK	36	20	23.89	23.81	23.80	
15	QPSK	36	39	23.84	23.89	23.88	
15	QPSK	75	0	23.83	23.81	23.76	
15	16QAM	1	0	23.84	23.80	23.80	24
15	16QAM	1	37	23.87	23.89	23.78	
15	16QAM	1	74	23.88	22.82	23.90	
15	16QAM	36	0	22.82	22.72	22.83	23
15	16QAM	36	20	22.84	22.87	22.82	
15	16QAM	36	39	22.88	22.80	22.82	
15	16QAM	75	0	22.82	22.88	22.79	
15	64QAM	1	0	22.83	22.79	22.90	23
15	64QAM	1	37	22.74	22.81	21.85	
15	64QAM	1	74	22.17	22.84	22.81	
15	64QAM	36	0	21.82	21.73	21.10	22
15	64QAM	36	20	21.84	21.89	21.10	
15	64QAM	36	39	21.26	21.81	21.77	
15	64QAM	75	0	21.85	21.80	21.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.77	24.76	24.77	25
10	QPSK	1	25	24.70	24.64	24.63	
10	QPSK	1	49	24.68	24.64	24.70	
10	QPSK	25	0	23.78	23.73	23.76	24
10	QPSK	25	12	23.90	23.86	23.80	
10	QPSK	25	25	23.81	23.88	23.86	
10	QPSK	50	0	22.81	23.82	23.77	
10	16QAM	1	0	23.90	23.89	23.84	24
10	16QAM	1	25	23.83	23.83	23.85	
10	16QAM	1	49	23.88	23.85	23.89	
10	16QAM	25	0	22.85	22.72	22.83	23
10	16QAM	25	12	22.87	22.86	22.78	
10	16QAM	25	25	22.89	22.89	22.89	
10	16QAM	50	0	22.88	22.78	22.80	
10	64QAM	1	0	22.90	22.75	22.83	23
10	64QAM	1	25	22.79	22.83	21.93	
10	64QAM	1	49	22.23	22.87	22.89	
10	64QAM	25	0	21.85	21.81	21.08	22
10	64QAM	25	12	21.79	21.83	21.07	
10	64QAM	25	25	21.25	21.89	21.72	
10	64QAM	50	0	21.81	21.88	21.39	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.71	24.77	25
5	QPSK	1	12	24.78	24.66	24.63	
5	QPSK	1	24	24.63	24.66	24.64	
5	QPSK	12	0	23.77	23.75	23.68	24
5	QPSK	12	7	23.85	23.85	23.78	
5	QPSK	12	13	23.84	23.86	23.82	
5	QPSK	25	0	23.89	23.89	23.78	
5	16QAM	1	0	23.81	23.83	23.89	24
5	16QAM	1	12	23.89	23.86	23.78	
5	16QAM	1	24	23.82	23.83	23.84	
5	16QAM	12	0	22.86	22.80	22.78	23
5	16QAM	12	7	22.84	22.80	22.73	
5	16QAM	12	13	22.84	22.87	22.86	
5	16QAM	25	0	22.87	22.83	22.78	
5	64QAM	1	0	22.90	22.74	22.85	23
5	64QAM	1	12	22.79	22.85	21.86	
5	64QAM	1	24	22.18	22.84	22.86	
5	64QAM	12	0	21.82	21.75	21.14	22
5	64QAM	12	7	21.81	21.85	21.08	
5	64QAM	12	13	21.29	21.82	21.70	
5	64QAM	25	0	21.83	21.90	21.41	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.78	24.71	24.81	25
3	QPSK	1	8	24.75	24.67	24.58	
3	QPSK	1	14	24.61	24.70	24.74	
3	QPSK	8	0	23.73	23.75	23.68	24
3	QPSK	8	4	23.86	23.84	23.78	
3	QPSK	8	7	23.90	23.87	23.85	
3	QPSK	15	0	23.85	23.84	23.73	
3	16QAM	1	0	23.84	23.80	23.87	24
3	16QAM	1	8	23.86	23.81	23.85	
3	16QAM	1	14	23.86	22.81	22.81	
3	16QAM	8	0	22.85	22.77	22.77	23
3	16QAM	8	4	22.81	22.84	22.81	
3	16QAM	8	7	22.88	22.80	22.83	
3	16QAM	15	0	22.84	22.80	22.77	
3	64QAM	1	0	22.87	22.72	22.83	23
3	64QAM	1	8	22.81	22.82	21.83	
3	64QAM	1	14	22.25	22.87	22.88	
3	64QAM	8	0	21.87	21.80	21.10	22
3	64QAM	8	4	21.86	21.87	21.01	
3	64QAM	8	7	21.27	21.81	21.70	
3	64QAM	15	0	21.79	21.85	21.39	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.75	24.76	24.83	25
1.4	QPSK	1	3	24.77	24.69	24.57	
1.4	QPSK	1	5	24.67	24.63	24.67	
1.4	QPSK	3	0	24.75	24.73	24.83	
1.4	QPSK	3	1	24.67	24.60	24.47	
1.4	QPSK	3	3	24.59	24.63	24.60	
1.4	QPSK	6	0	23.86	23.84	23.76	24
1.4	16QAM	1	0	23.80	23.82	23.82	24
1.4	16QAM	1	3	23.84	23.85	23.80	
1.4	16QAM	1	5	23.86	23.89	23.90	
1.4	16QAM	3	0	23.80	23.82	23.72	
1.4	16QAM	3	1	23.81	23.83	23.76	
1.4	16QAM	3	3	23.82	23.79	23.81	
1.4	16QAM	6	0	22.87	22.82	22.72	23
1.4	64QAM	1	0	22.81	22.76	22.82	23
1.4	64QAM	1	3	22.79	22.86	21.87	
1.4	64QAM	1	5	22.23	22.82	22.90	
1.4	64QAM	3	0	22.90	22.67	22.86	
1.4	64QAM	3	1	22.76	22.87	21.79	
1.4	64QAM	3	3	22.20	22.82	22.85	
1.4	64QAM	6	0	21.86	21.82	21.37	22

Band 4

Ant 0

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	21.74	21.73	21.77	23
20	QPSK	1	49	21.60	21.60	21.59	
20	QPSK	1	99	21.65	21.53	21.54	
20	QPSK	50	0	21.38	21.41	21.43	23
20	QPSK	50	24	21.23	21.23	21.25	
20	QPSK	50	50	21.27	21.23	21.25	
20	QPSK	100	0	21.46	21.44	21.42	
20	16QAM	1	0	21.48	21.38	21.45	23
20	16QAM	1	49	21.39	21.36	21.37	
20	16QAM	1	99	21.42	21.56	21.41	
20	16QAM	50	0	21.43	21.47	21.47	23
20	16QAM	50	24	21.49	21.41	21.49	
20	16QAM	50	50	21.39	21.34	21.41	
20	16QAM	100	0	21.43	21.54	21.47	
20	64QAM	1	0	21.28	21.63	21.45	23
20	64QAM	1	49	21.46	21.34	21.20	
20	64QAM	1	99	21.53	21.58	21.55	
20	64QAM	50	0	21.42	21.07	21.17	22
20	64QAM	50	24	21.50	21.06	21.15	
20	64QAM	50	50	21.44	21.04	21.15	
20	64QAM	100	0	21.49	21.06	21.19	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.67	21.73	21.68	23
15	QPSK	1	37	21.60	21.52	21.57	
15	QPSK	1	74	21.58	21.52	21.54	
15	QPSK	36	0	21.30	21.33	21.42	23
15	QPSK	36	20	21.22	21.19	21.19	
15	QPSK	36	39	21.23	21.21	21.21	
15	QPSK	75	0	21.41	21.42	21.41	
15	16QAM	1	0	21.46	21.37	21.37	23
15	16QAM	1	37	21.36	21.34	21.37	
15	16QAM	1	74	21.36	21.47	21.32	
15	16QAM	36	0	21.37	21.41	21.38	23
15	16QAM	36	20	21.46	21.31	21.49	
15	16QAM	36	39	21.37	21.28	21.41	
15	16QAM	75	0	21.36	21.53	21.37	
15	64QAM	1	0	21.21	21.61	21.42	23
15	64QAM	1	37	21.43	21.31	21.11	
15	64QAM	1	74	21.44	21.52	21.47	
15	64QAM	36	0	21.35	21.04	21.12	22
15	64QAM	36	20	21.49	21.04	21.05	
15	64QAM	36	39	21.38	20.99	21.14	
15	64QAM	75	0	21.42	20.97	21.17	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.73	21.69	21.71	23
10	QPSK	1	25	21.50	21.53	21.56	
10	QPSK	1	49	21.60	21.53	21.47	
10	QPSK	25	0	21.32	21.36	21.38	23
10	QPSK	25	12	21.14	21.20	21.25	
10	QPSK	25	25	21.19	21.21	21.25	
10	QPSK	50	0	21.43	21.39	21.41	
10	16QAM	1	0	21.41	21.33	21.38	23
10	16QAM	1	25	21.30	21.34	21.28	
10	16QAM	1	49	21.36	21.49	21.40	
10	16QAM	25	0	21.33	21.43	21.44	23
10	16QAM	25	12	21.40	21.32	21.44	
10	16QAM	25	25	21.38	21.34	21.41	
10	16QAM	50	0	21.35	21.53	21.41	
10	64QAM	1	0	21.26	21.61	21.36	23
10	64QAM	1	25	21.45	21.26	21.15	
10	64QAM	1	49	21.52	21.50	21.52	
10	64QAM	25	0	21.39	21.03	21.11	22
10	64QAM	25	12	21.41	21.01	21.09	
10	64QAM	25	25	21.39	21.03	21.13	
10	64QAM	50	0	21.49	21.05	21.15	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.67	21.67	21.72	23
5	QPSK	1	12	21.52	21.54	21.58	
5	QPSK	1	24	21.57	21.46	21.48	
5	QPSK	12	0	21.38	21.34	21.36	23
5	QPSK	12	7	21.23	21.20	21.24	
5	QPSK	12	13	21.22	21.21	21.15	
5	QPSK	25	0	21.41	21.38	21.38	
5	16QAM	1	0	21.38	21.33	21.37	23
5	16QAM	1	12	21.32	21.33	21.29	
5	16QAM	1	24	21.37	21.55	21.37	
5	16QAM	12	0	21.41	21.46	21.39	23
5	16QAM	12	7	21.42	21.39	21.40	
5	16QAM	12	13	21.32	21.26	21.39	
5	16QAM	25	0	21.37	21.52	21.43	
5	64QAM	1	0	21.25	21.59	21.37	23
5	64QAM	1	12	21.38	21.24	21.10	
5	64QAM	1	24	21.48	21.57	21.48	
5	64QAM	12	0	21.41	21.00	21.10	22
5	64QAM	12	7	21.49	20.97	21.11	
5	64QAM	12	13	21.43	20.99	21.15	
5	64QAM	25	0	21.40	20.98	21.10	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.72	21.67	21.69	23
3	QPSK	1	8	21.50	21.54	21.58	
3	QPSK	1	14	21.55	21.45	21.48	
3	QPSK	8	0	21.32	21.35	21.39	23
3	QPSK	8	4	21.16	21.22	21.15	
3	QPSK	8	7	21.19	21.22	21.23	
3	QPSK	15	0	21.43	21.39	21.39	
3	16QAM	1	0	21.47	21.32	21.39	23
3	16QAM	1	8	21.34	21.36	21.27	
3	16QAM	1	14	21.41	21.55	21.31	
3	16QAM	8	0	21.42	21.39	21.38	23
3	16QAM	8	4	21.40	21.33	21.45	
3	16QAM	8	7	21.38	21.30	21.32	
3	16QAM	15	0	21.43	21.50	21.42	
3	64QAM	1	0	21.18	21.60	21.39	23
3	64QAM	1	8	21.40	21.34	21.13	
3	64QAM	1	14	21.50	21.50	21.48	
3	64QAM	8	0	21.33	21.05	21.08	22
3	64QAM	8	4	21.43	20.99	21.06	
3	64QAM	8	7	21.38	20.98	21.13	
3	64QAM	15	0	21.48	21.03	21.18	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.67	21.73	21.72	23
1.4	QPSK	1	3	21.58	21.52	21.55	
1.4	QPSK	1	5	21.61	21.47	21.48	
1.4	QPSK	3	0	21.29	21.34	21.41	
1.4	QPSK	3	1	21.21	21.16	21.24	
1.4	QPSK	3	3	21.18	21.22	21.21	
1.4	QPSK	6	0	21.46	21.36	21.36	23
1.4	16QAM	1	0	21.38	21.33	21.36	23
1.4	16QAM	1	3	21.30	21.30	21.27	
1.4	16QAM	1	5	21.39	21.52	21.31	
1.4	16QAM	3	0	21.41	21.46	21.44	
1.4	16QAM	3	1	21.42	21.38	21.40	
1.4	16QAM	3	3	21.34	21.27	21.39	
1.4	16QAM	6	0	21.43	21.48	21.47	23
1.4	64QAM	1	0	21.25	21.55	21.38	23
1.4	64QAM	1	3	21.44	21.31	21.14	
1.4	64QAM	1	5	21.53	21.57	21.49	
1.4	64QAM	3	0	21.35	20.97	21.12	
1.4	64QAM	3	1	21.50	20.96	21.14	
1.4	64QAM	3	3	21.34	20.94	21.08	
1.4	64QAM	6	0	21.39	21.05	21.09	22

Band 5							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.29	24.26	24.33	25
10	QPSK	1	25	24.18	24.17	24.22	
10	QPSK	1	49	24.19	24.23	24.13	
10	QPSK	25	0	23.30	23.32	23.30	24
10	QPSK	25	12	23.38	23.33	23.30	
10	QPSK	25	25	23.34	23.36	23.35	
10	QPSK	50	0	23.39	23.39	23.32	
10	16QAM	1	0	23.66	23.63	23.61	24
10	16QAM	1	25	23.58	23.59	23.57	
10	16QAM	1	49	23.59	23.58	23.53	
10	16QAM	25	0	22.32	22.33	22.29	23
10	16QAM	25	12	22.39	22.29	22.30	
10	16QAM	25	25	22.36	22.35	22.39	
10	16QAM	50	0	22.39	22.37	22.30	
10	64QAM	1	0	22.50	22.50	22.46	23
10	64QAM	1	25	22.54	22.57	22.53	
10	64QAM	1	49	22.48	22.51	21.71	
10	64QAM	25	0	21.34	21.35	21.33	22
10	64QAM	25	12	21.42	21.38	21.36	
10	64QAM	25	25	21.38	21.40	21.13	
10	64QAM	50	0	21.45	21.41	21.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.24	24.22	24.19	25
5	QPSK	1	12	24.11	24.16	24.16	
5	QPSK	1	24	24.19	24.14	24.12	
5	QPSK	12	0	23.24	23.27	23.24	24
5	QPSK	12	7	23.35	23.31	23.29	
5	QPSK	12	13	23.30	23.30	23.33	
5	QPSK	25	0	23.31	23.38	23.26	
5	16QAM	1	0	23.64	23.60	23.60	24
5	16QAM	1	12	23.50	23.53	23.56	
5	16QAM	1	24	23.58	23.55	23.53	
5	16QAM	12	0	22.32	22.26	22.21	23
5	16QAM	12	7	22.30	22.28	22.23	
5	16QAM	12	13	22.26	22.30	22.36	
5	16QAM	25	0	22.34	22.34	22.27	
5	64QAM	1	0	22.44	22.43	22.38	23
5	64QAM	1	12	22.45	22.53	22.47	
5	64QAM	1	24	22.45	22.49	21.61	
5	64QAM	12	0	21.28	21.35	21.29	22
5	64QAM	12	7	21.33	21.32	21.28	
5	64QAM	12	13	21.33	21.31	21.09	
5	64QAM	25	0	21.41	21.36	21.16	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.25	24.25	24.29	25
3	QPSK	1	8	24.12	24.13	24.21	
3	QPSK	1	14	24.13	24.14	24.10	
3	QPSK	8	0	23.26	23.26	23.29	24
3	QPSK	8	4	23.30	23.25	23.26	
3	QPSK	8	7	23.24	23.34	23.26	
3	QPSK	15	0	23.31	23.29	23.22	
3	16QAM	1	0	23.62	23.54	23.54	24
3	16QAM	1	8	23.48	23.54	23.50	
3	16QAM	1	14	23.56	23.54	23.50	
3	16QAM	8	0	22.29	22.30	22.25	23
3	16QAM	8	4	22.38	22.22	22.25	
3	16QAM	8	7	22.30	22.35	22.37	
3	16QAM	15	0	22.37	22.38	22.29	
3	64QAM	1	0	22.47	22.44	22.37	23
3	64QAM	1	8	22.48	22.57	22.53	
3	64QAM	1	14	22.45	22.45	21.68	
3	64QAM	8	0	21.29	21.29	21.27	22
3	64QAM	8	4	21.38	21.32	21.33	
3	64QAM	8	7	21.31	21.37	21.06	
3	64QAM	15	0	21.43	21.37	21.12	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.27	24.26	24.21	25
1.4	QPSK	1	3	24.13	24.16	24.21	
1.4	QPSK	1	5	24.16	24.18	24.13	
1.4	QPSK	3	0	24.19	24.26	24.12	
1.4	QPSK	3	1	24.03	24.09	24.13	
1.4	QPSK	3	3	24.15	24.17	24.04	
1.4	QPSK	6	0	23.33	23.30	23.26	24
1.4	16QAM	1	0	23.66	23.56	23.52	24
1.4	16QAM	1	3	23.49	23.51	23.47	
1.4	16QAM	1	5	23.49	23.49	23.49	
1.4	16QAM	3	0	23.61	23.46	23.50	
1.4	16QAM	3	1	23.43	23.47	23.40	
1.4	16QAM	3	3	23.42	23.47	23.44	
1.4	16QAM	6	0	22.31	22.30	22.29	23
1.4	64QAM	1	0	22.43	22.46	22.40	23
1.4	64QAM	1	3	22.47	22.55	22.52	
1.4	64QAM	1	5	22.39	22.49	21.69	
1.4	64QAM	3	0	22.42	22.37	22.34	
1.4	64QAM	3	1	22.44	22.47	22.42	
1.4	64QAM	3	3	22.36	22.44	21.60	
1.4	64QAM	6	0	21.35	21.38	21.14	22

Band 7							
Ant 0							
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	24.57	24.58	23.68	25
20	QPSK	1	49	24.54	24.55	23.54	
20	QPSK	1	99	24.58	24.62	24.68	
20	QPSK	50	0	23.63	23.67	23.29	24
20	QPSK	50	24	23.68	23.64	23.51	
20	QPSK	50	50	23.54	23.48	23.53	
20	QPSK	100	0	23.59	23.63	23.45	
20	16QAM	1	0	23.68	23.62	23.05	24
20	16QAM	1	49	23.41	23.63	22.78	
20	16QAM	1	99	23.55	23.68	23.69	
20	16QAM	50	0	22.61	22.66	21.37	23
20	16QAM	50	24	22.60	22.65	21.73	
20	16QAM	50	50	22.56	22.50	22.68	
20	16QAM	100	0	22.69	22.64	22.02	
20	64QAM	1	0	22.68	22.67	21.14	23
20	64QAM	1	49	22.40	22.47	21.68	
20	64QAM	1	99	22.52	22.54	21.83	
20	64QAM	50	0	21.65	21.69	21.00	22
20	64QAM	50	24	21.62	21.66	21.09	
20	64QAM	50	50	21.69	21.64	20.66	
20	64QAM	100	0	20.91	20.92	20.05	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.61	23.68	23.67	25
15	QPSK	1	37	23.52	23.51	23.54	
15	QPSK	1	74	24.58	24.61	24.67	
15	QPSK	36	0	22.26	22.27	22.26	24
15	QPSK	36	20	22.65	22.65	22.61	
15	QPSK	36	39	23.43	23.50	23.50	
15	QPSK	75	0	22.90	22.87	22.93	
15	16QAM	1	0	23.02	23.01	23.02	24
15	16QAM	1	37	22.72	22.68	22.73	
15	16QAM	1	74	23.66	23.60	23.63	
15	16QAM	36	0	21.28	21.31	21.30	23
15	16QAM	36	20	21.68	21.73	21.73	
15	16QAM	36	39	22.61	22.60	22.67	
15	16QAM	75	0	21.95	22.00	21.93	
15	64QAM	1	0	21.06	21.08	21.06	23
15	64QAM	1	37	21.66	21.64	21.60	
15	64QAM	1	74	21.74	21.73	21.74	
15	64QAM	36	0	20.93	21.00	20.99	22
15	64QAM	36	20	21.09	21.04	20.99	
15	64QAM	36	39	20.64	20.63	20.56	
15	64QAM	75	0	20.02	19.98	19.96	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.58	23.60	23.63	25
10	QPSK	1	25	23.54	23.44	23.53	
10	QPSK	1	49	24.63	24.60	24.67	
10	QPSK	25	0	22.28	22.27	22.21	24
10	QPSK	25	12	22.61	22.61	22.65	
10	QPSK	25	25	23.53	23.48	23.50	
10	QPSK	50	0	22.89	22.91	22.89	
10	16QAM	1	0	22.95	23.04	23.03	24
10	16QAM	1	25	22.68	22.69	22.75	
10	16QAM	1	49	23.60	23.65	23.69	
10	16QAM	25	0	21.36	21.29	21.29	23
10	16QAM	25	12	21.63	21.67	21.72	
10	16QAM	25	25	22.65	22.62	22.65	
10	16QAM	50	0	22.02	21.92	21.92	
10	64QAM	1	0	21.09	21.09	21.05	23
10	64QAM	1	25	21.66	21.64	21.60	
10	64QAM	1	49	21.83	21.82	21.75	
10	64QAM	25	0	20.94	21.00	20.92	22
10	64QAM	25	12	21.02	21.05	21.02	
10	64QAM	25	25	20.66	20.63	20.60	
10	64QAM	50	0	20.05	19.99	19.96	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.58	23.65	23.64	25
5	QPSK	1	12	23.46	23.48	23.44	
5	QPSK	1	24	24.64	24.66	24.63	
5	QPSK	12	0	22.24	22.23	22.19	24
5	QPSK	12	7	22.67	22.68	22.69	
5	QPSK	12	13	23.43	23.44	23.43	
5	QPSK	25	0	22.91	22.86	22.91	
5	16QAM	1	0	23.00	23.00	22.95	24
5	16QAM	1	12	22.78	22.74	22.70	
5	16QAM	1	24	23.59	23.60	23.67	
5	16QAM	12	0	21.31	21.31	21.30	23
5	16QAM	12	7	21.73	21.71	21.68	
5	16QAM	12	13	22.65	22.62	22.65	
5	16QAM	25	0	21.96	22.01	22.02	
5	64QAM	1	0	21.10	21.14	21.04	23
5	64QAM	1	12	21.61	21.64	21.64	
5	64QAM	1	24	21.82	21.83	21.79	
5	64QAM	12	0	20.99	20.98	20.94	22
5	64QAM	12	7	21.03	20.99	21.04	
5	64QAM	12	13	20.65	20.65	20.57	
5	64QAM	25	0	20.05	20.01	19.99	

Band 12

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.31	24.25	24.23	25
10	QPSK	1	25	24.24	24.29	24.26	
10	QPSK	1	49	24.35	24.34	24.27	
10	QPSK	25	0	23.39	23.43	23.38	24
10	QPSK	25	12	23.50	23.46	23.45	
10	QPSK	25	25	23.44	23.38	23.40	
10	QPSK	50	0	23.48	23.40	23.41	
10	16QAM	1	0	23.66	23.62	23.62	24
10	16QAM	1	25	23.62	23.66	23.65	
10	16QAM	1	49	23.72	23.68	23.68	
10	16QAM	25	0	22.39	22.40	22.40	23
10	16QAM	25	12	22.48	22.41	22.41	
10	16QAM	25	25	22.44	22.46	22.40	
10	16QAM	50	0	22.46	22.41	22.40	
10	64QAM	1	0	22.53	22.46	22.46	23
10	64QAM	1	25	22.58	22.60	22.56	
10	64QAM	1	49	22.64	22.58	22.54	
10	64QAM	25	0	21.44	21.44	21.43	22
10	64QAM	25	12	21.53	21.44	21.45	
10	64QAM	25	25	21.48	21.48	21.47	
10	64QAM	50	0	21.52	21.45	21.42	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.22	24.18	24.20	25
5	QPSK	1	12	24.19	24.29	24.22	
5	QPSK	1	24	24.32	24.25	24.27	
5	QPSK	12	0	23.30	23.41	23.29	24
5	QPSK	12	7	23.40	23.38	23.33	
5	QPSK	12	13	23.38	23.42	23.42	
5	QPSK	25	0	23.46	23.33	23.39	
5	16QAM	1	0	23.59	23.56	23.52	24
5	16QAM	1	12	23.57	23.57	23.60	
5	16QAM	1	24	23.68	23.62	23.62	
5	16QAM	12	0	22.37	22.34	22.35	23
5	16QAM	12	7	22.43	22.32	22.31	
5	16QAM	12	13	22.43	22.42	22.35	
5	16QAM	25	0	22.36	22.33	22.35	
5	64QAM	1	0	22.43	22.37	22.38	23
5	64QAM	1	12	22.57	22.54	22.47	
5	64QAM	1	24	22.61	22.56	22.48	
5	64QAM	12	0	21.37	21.38	21.41	22
5	64QAM	12	7	21.45	21.34	21.45	
5	64QAM	12	13	21.38	21.44	21.43	
5	64QAM	25	0	21.52	21.37	21.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.24	24.19	24.21	25
3	QPSK	1	8	24.22	24.22	24.23	
3	QPSK	1	14	24.26	24.24	24.19	
3	QPSK	8	0	23.33	23.39	23.37	24
3	QPSK	8	4	23.41	23.38	23.40	
3	QPSK	8	7	23.35	23.41	23.42	
3	QPSK	15	0	23.43	23.31	23.31	
3	16QAM	1	0	23.57	23.61	23.57	24
3	16QAM	1	8	23.61	23.60	23.57	
3	16QAM	1	14	23.68	23.67	23.63	
3	16QAM	8	0	22.30	22.30	22.38	23
3	16QAM	8	4	22.40	22.38	22.37	
3	16QAM	8	7	22.42	22.40	22.39	
3	16QAM	15	0	22.40	22.33	22.30	
3	64QAM	1	0	22.48	22.39	22.39	23
3	64QAM	1	8	22.49	22.58	22.51	
3	64QAM	1	14	22.56	22.53	22.44	
3	64QAM	8	0	21.41	21.40	21.39	22
3	64QAM	8	4	21.48	21.43	21.42	
3	64QAM	8	7	21.44	21.48	21.45	
3	64QAM	15	0	21.49	21.43	21.32	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.25	24.25	24.21	25
1.4	QPSK	1	3	24.15	24.25	24.19	
1.4	QPSK	1	5	24.26	24.24	24.21	
1.4	QPSK	3	0	24.24	24.18	24.14	
1.4	QPSK	3	1	24.06	24.16	24.13	
1.4	QPSK	3	3	24.22	24.22	24.21	
1.4	QPSK	6	0	23.38	23.39	23.35	24
1.4	16QAM	1	0	23.57	23.58	23.52	24
1.4	16QAM	1	3	23.55	23.62	23.56	
1.4	16QAM	1	5	23.66	23.65	23.65	
1.4	16QAM	3	0	23.47	23.53	23.50	
1.4	16QAM	3	1	23.55	23.56	23.50	
1.4	16QAM	3	3	23.62	23.62	23.58	
1.4	16QAM	6	0	22.45	22.34	22.35	23
1.4	64QAM	1	0	22.51	22.38	22.38	23
1.4	64QAM	1	3	22.49	22.51	22.52	
1.4	64QAM	1	5	22.61	22.48	22.44	
1.4	64QAM	3	0	22.47	22.31	22.35	
1.4	64QAM	3	1	22.42	22.46	22.46	
1.4	64QAM	3	3	22.59	22.41	22.37	
1.4	64QAM	6	0	21.45	21.41	21.36	22

Band 13							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.36		25
10	QPSK	1	25		24.38		
10	QPSK	1	49		24.47		
10	QPSK	25	0		23.43		24
10	QPSK	25	12		23.53		
10	QPSK	25	25		23.51		
10	QPSK	50	0		23.53		
10	16QAM	1	0		23.71		24
10	16QAM	1	25		23.74		
10	16QAM	1	49		23.74		
10	16QAM	25	0		22.49		23
10	16QAM	25	12		22.54		
10	16QAM	25	25		22.55		
10	16QAM	50	0		22.50		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.71		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.51		22
10	64QAM	25	12		21.56		
10	64QAM	25	25		21.56		
10	64QAM	50	0		21.53		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.29	24.31	24.35	25
5	QPSK	1	12	24.30	24.32	24.33	
5	QPSK	1	24	24.43	24.42	24.45	
5	QPSK	12	0	23.42	23.43	23.40	24
5	QPSK	12	7	23.47	23.41	23.50	
5	QPSK	12	13	23.49	23.53	23.46	
5	QPSK	25	0	23.47	23.45	23.52	
5	16QAM	1	0	23.66	23.66	23.62	24
5	16QAM	1	12	23.65	23.70	23.68	
5	16QAM	1	24	23.64	23.74	23.67	
5	16QAM	12	0	22.39	22.43	22.46	23
5	16QAM	12	7	22.49	22.53	22.51	
5	16QAM	12	13	22.46	22.50	22.53	
5	16QAM	25	0	22.47	22.40	22.49	
5	64QAM	1	0	22.60	22.58	22.56	23
5	64QAM	1	12	22.67	22.65	22.65	
5	64QAM	1	24	22.62	22.59	22.58	
5	64QAM	12	0	21.41	21.45	21.49	22
5	64QAM	12	7	21.49	21.53	21.47	
5	64QAM	12	13	21.56	21.53	21.55	
5	64QAM	25	0	21.48	21.46	21.47	

Band 14

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.41		25
10	QPSK	1	25		24.31		
10	QPSK	1	49		24.29		
10	QPSK	25	0		23.42		24
10	QPSK	25	12		23.41		
10	QPSK	25	25		23.47		
10	QPSK	50	0		23.40		
10	16QAM	1	0		23.76		24
10	16QAM	1	25		23.78		
10	16QAM	1	49		23.69		
10	16QAM	25	0		22.40		23
10	16QAM	25	12		22.44		
10	16QAM	25	25		22.45		
10	16QAM	50	0		22.40		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.68		
10	64QAM	1	49		22.59		
10	64QAM	25	0		21.45		22
10	64QAM	25	12		21.48		
10	64QAM	25	25		21.50		
10	64QAM	50	0		21.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.39	24.32	24.35	25
5	QPSK	1	12	24.22	24.29	24.26	
5	QPSK	1	24	24.24	24.25	24.24	
5	QPSK	12	0	23.34	23.34	23.40	24
5	QPSK	12	7	23.34	23.33	23.38	
5	QPSK	12	13	23.44	23.43	23.46	
5	QPSK	25	0	23.37	23.31	23.32	
5	16QAM	1	0	23.74	23.67	23.76	24
5	16QAM	1	12	23.69	23.68	23.72	
5	16QAM	1	24	23.59	23.64	23.60	
5	16QAM	12	0	22.30	22.32	22.35	23
5	16QAM	12	7	22.38	22.34	22.44	
5	16QAM	12	13	22.36	22.36	22.36	
5	16QAM	25	0	22.37	22.38	22.35	
5	64QAM	1	0	22.58	22.60	22.65	23
5	64QAM	1	12	22.59	22.59	22.63	
5	64QAM	1	24	22.53	22.51	22.49	
5	64QAM	12	0	21.38	21.43	21.37	22
5	64QAM	12	7	21.47	21.39	21.47	
5	64QAM	12	13	21.43	21.43	21.50	
5	64QAM	25	0	21.42	21.41	21.33	

Band 17							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.24	24.16	24.23	25
10	QPSK	1	25	24.23	24.25	24.30	
10	QPSK	1	49	24.28	24.31	24.29	
10	QPSK	25	0	23.33	23.33	23.36	24
10	QPSK	25	12	23.45	23.39	23.39	
10	QPSK	25	25	23.48	23.50	23.48	
10	QPSK	50	0	23.47	23.38	23.37	
10	16QAM	1	0	23.59	23.61	23.61	24
10	16QAM	1	25	23.64	23.66	23.68	
10	16QAM	1	49	23.72	23.70	23.69	
10	16QAM	25	0	22.34	22.34	22.36	23
10	16QAM	25	12	22.45	22.41	22.40	
10	16QAM	25	25	22.44	22.48	22.46	
10	16QAM	50	0	22.46	22.39	22.38	
10	64QAM	1	0	22.50	22.46	22.47	23
10	64QAM	1	25	22.60	22.59	22.59	
10	64QAM	1	49	22.55	22.61	22.59	
10	64QAM	25	0	21.36	21.33	21.36	22
10	64QAM	25	12	21.46	21.46	21.43	
10	64QAM	25	25	21.50	21.51	21.50	
10	64QAM	50	0	21.51	21.43	21.41	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.15	24.10	24.15	25
5	QPSK	1	12	24.17	24.18	24.29	
5	QPSK	1	24	24.18	24.29	24.19	
5	QPSK	12	0	23.33	23.28	23.26	24
5	QPSK	12	7	23.38	23.32	23.31	
5	QPSK	12	13	23.44	23.43	23.47	
5	QPSK	25	0	23.40	23.29	23.35	
5	16QAM	1	0	23.54	23.61	23.59	24
5	16QAM	1	12	23.54	23.64	23.65	
5	16QAM	1	24	23.65	23.66	23.63	
5	16QAM	12	0	22.26	22.31	22.36	23
5	16QAM	12	7	22.43	22.33	22.31	
5	16QAM	12	13	22.37	22.45	22.39	
5	16QAM	25	0	22.36	22.33	22.33	
5	64QAM	1	0	22.44	22.41	22.46	23
5	64QAM	1	12	22.51	22.51	22.56	
5	64QAM	1	24	22.49	22.55	22.57	
5	64QAM	12	0	21.27	21.24	21.36	22
5	64QAM	12	7	21.39	21.40	21.36	
5	64QAM	12	13	21.42	21.51	21.44	
5	64QAM	25	0	21.43	21.37	21.32	

Band 25

Ant 0

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	24.85	24.77	24.61	25
20	QPSK	1	49	24.71	24.74	24.60	
20	QPSK	1	99	24.63	24.73	23.92	
20	QPSK	50	0	23.84	23.80	23.74	24
20	QPSK	50	24	23.78	23.70	23.65	
20	QPSK	50	50	23.82	23.75	23.70	
20	QPSK	100	0	23.80	23.85	23.80	
20	16QAM	1	0	23.82	23.85	23.90	24
20	16QAM	1	49	23.86	23.85	23.90	
20	16QAM	1	99	23.89	23.84	23.25	
20	16QAM	50	0	22.83	22.81	22.74	23
20	16QAM	50	24	22.90	22.81	22.84	
20	16QAM	50	50	22.83	22.85	22.81	
20	16QAM	100	0	22.87	22.87	22.81	
20	64QAM	1	0	22.83	22.45	21.98	23
20	64QAM	1	49	22.56	22.86	22.64	
20	64QAM	1	99	22.04	22.84	21.37	
20	64QAM	50	0	21.85	21.60	20.97	22
20	64QAM	50	24	21.61	21.81	21.31	
20	64QAM	50	50	21.12	21.85	21.25	
20	64QAM	100	0	21.59	21.81	20.95	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.75	24.71	24.59	25
15	QPSK	1	37	24.64	24.73	24.59	
15	QPSK	1	74	24.55	24.65	23.87	
15	QPSK	36	0	23.77	23.80	23.74	24
15	QPSK	36	20	23.86	23.84	23.75	
15	QPSK	36	39	23.80	23.81	23.80	
15	QPSK	75	0	23.82	23.77	23.72	
15	16QAM	1	0	23.84	23.90	23.89	24
15	16QAM	1	37	23.83	23.87	23.85	
15	16QAM	1	74	23.83	23.84	23.16	
15	16QAM	36	0	22.81	22.76	22.72	23
15	16QAM	36	20	22.88	22.83	22.75	
15	16QAM	36	39	22.74	22.84	22.77	
15	16QAM	75	0	22.80	22.87	22.78	
15	64QAM	1	0	22.85	22.41	21.90	23
15	64QAM	1	37	22.46	22.90	22.64	
15	64QAM	1	74	21.95	22.85	21.27	
15	64QAM	36	0	21.80	21.59	20.97	22
15	64QAM	36	20	21.59	21.88	21.27	
15	64QAM	36	39	21.10	21.82	21.24	
15	64QAM	75	0	21.54	21.81	20.90	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.85	24.71	24.53	25
10	QPSK	1	25	24.70	24.73	24.54	
10	QPSK	1	49	24.58	24.70	23.92	
10	QPSK	25	0	23.76	23.74	23.67	24
10	QPSK	25	12	23.78	23.82	23.80	
10	QPSK	25	25	23.79	23.78	23.73	
10	QPSK	50	0	23.90	23.78	23.72	
10	16QAM	1	0	23.87	23.83	23.86	24
10	16QAM	1	25	23.81	23.90	23.85	
10	16QAM	1	49	23.81	23.88	23.23	
10	16QAM	25	0	22.81	22.78	22.64	23
10	16QAM	25	12	22.89	22.81	22.82	
10	16QAM	25	25	22.82	22.75	22.81	
10	16QAM	50	0	22.82	22.81	22.80	
10	64QAM	1	0	22.82	22.41	21.97	23
10	64QAM	1	25	22.52	22.89	22.64	
10	64QAM	1	49	21.97	22.84	21.32	
10	64QAM	25	0	21.78	21.56	20.95	22
10	64QAM	25	12	21.54	21.84	21.25	
10	64QAM	25	25	21.09	21.85	21.18	
10	64QAM	50	0	21.54	21.80	20.86	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.76	24.74	24.54	25
5	QPSK	1	12	24.67	24.74	24.58	
5	QPSK	1	24	24.55	24.70	23.87	
5	QPSK	12	0	23.82	23.78	23.73	24
5	QPSK	12	7	23.80	23.82	23.80	
5	QPSK	12	13	23.81	23.83	23.76	
5	QPSK	25	0	23.90	23.78	23.71	
5	16QAM	1	0	23.90	23.80	23.90	24
5	16QAM	1	12	23.83	23.81	23.90	
5	16QAM	1	24	23.89	23.86	23.17	
5	16QAM	12	0	22.78	22.73	22.66	23
5	16QAM	12	7	22.85	22.81	22.78	
5	16QAM	12	13	22.77	22.78	22.76	
5	16QAM	25	0	22.87	22.84	22.71	
5	64QAM	1	0	22.85	22.40	21.88	23
5	64QAM	1	12	22.49	22.86	22.61	
5	64QAM	1	24	22.01	22.88	21.29	
5	64QAM	12	0	21.77	21.53	20.91	22
5	64QAM	12	7	21.53	21.83	21.27	
5	64QAM	12	13	21.09	21.80	21.21	
5	64QAM	25	0	21.50	21.76	20.94	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.76	24.67	24.60	25
3	QPSK	1	8	24.61	24.70	24.52	
3	QPSK	1	14	24.56	24.72	23.88	
3	QPSK	8	0	23.79	23.79	23.70	24
3	QPSK	8	4	23.80	23.88	23.85	
3	QPSK	8	7	23.77	23.82	23.79	
3	QPSK	15	0	23.87	23.78	23.79	
3	16QAM	1	0	23.85	23.84	23.81	24
3	16QAM	1	8	23.79	23.84	23.89	
3	16QAM	1	14	23.82	23.86	23.22	
3	16QAM	8	0	22.82	22.78	22.73	23
3	16QAM	8	4	22.83	22.90	22.76	
3	16QAM	8	7	22.83	22.81	22.79	
3	16QAM	15	0	22.79	22.86	22.74	
3	64QAM	1	0	22.85	22.36	21.91	23
3	64QAM	1	8	22.47	22.90	22.57	
3	64QAM	1	14	21.98	21.84	21.32	
3	64QAM	8	0	21.82	21.52	20.90	22
3	64QAM	8	4	21.51	21.87	21.24	
3	64QAM	8	7	21.03	21.78	21.16	
3	64QAM	15	0	21.59	21.71	20.90	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.75	24.67	24.54	25
1.4	QPSK	1	3	24.66	24.65	24.56	
1.4	QPSK	1	5	24.60	24.65	23.86	
1.4	QPSK	3	0	24.68	24.65	24.52	
1.4	QPSK	3	1	24.64	24.62	24.54	
1.4	QPSK	3	3	24.60	24.65	23.86	
1.4	QPSK	6	0	23.88	23.83	23.73	24
1.4	16QAM	1	0	23.90	23.89	23.84	24
1.4	16QAM	1	3	23.78	23.89	23.90	
1.4	16QAM	1	5	23.87	23.87	23.23	
1.4	16QAM	3	0	23.89	23.79	23.78	
1.4	16QAM	3	1	23.73	23.82	23.81	
1.4	16QAM	3	3	23.81	23.84	23.15	
1.4	16QAM	6	0	22.82	22.77	22.74	23
1.4	64QAM	1	0	22.83	22.45	21.92	23
1.4	64QAM	1	3	22.55	22.86	22.54	
1.4	64QAM	1	5	21.99	22.81	21.27	
1.4	64QAM	3	0	22.81	22.36	21.90	
1.4	64QAM	3	1	22.55	22.90	22.50	
1.4	64QAM	3	3	21.99	22.88	21.22	
1.4	64QAM	6	0	21.53	21.77	20.85	21.9

Band 26							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.29	24.21	24.20	25
15	QPSK	1	37	24.19	24.18	24.16	
15	QPSK	1	74	24.21	24.17	24.09	
15	QPSK	36	0	23.38	23.33	23.35	24
15	QPSK	36	20	23.40	23.34	23.38	
15	QPSK	36	39	23.40	23.30	23.35	
15	QPSK	75	0	23.41	23.30	23.31	
15	16QAM	1	0	23.62	23.50	23.50	24
15	16QAM	1	37	23.54	23.51	23.52	
15	16QAM	1	74	23.53	23.50	23.37	
15	16QAM	36	0	22.37	22.36	22.36	23
15	16QAM	36	20	22.42	22.32	22.37	
15	16QAM	36	39	22.40	22.36	22.32	
15	16QAM	75	0	22.42	22.32	22.33	
15	64QAM	1	0	22.45	22.34	22.38	23
15	64QAM	1	37	22.47	22.41	22.45	
15	64QAM	1	74	22.41	22.41	21.72	
15	64QAM	36	0	21.41	21.40	21.41	22
15	64QAM	36	20	21.45	21.32	21.41	
15	64QAM	36	39	21.42	21.43	21.41	
15	64QAM	75	0	21.43	21.34	21.34	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.24	24.08	24.17	25
10	QPSK	1	25	24.15	24.17	24.09	
10	QPSK	1	49	24.12	24.12	24.02	
10	QPSK	25	0	23.31	23.30	23.25	24
10	QPSK	25	12	23.35	23.20	23.37	
10	QPSK	25	25	23.40	23.31	23.32	
10	QPSK	50	0	23.38	23.21	23.23	
10	16QAM	1	0	23.58	23.41	23.44	24
10	16QAM	1	25	23.54	23.51	23.50	
10	16QAM	1	49	23.52	23.50	23.31	
10	16QAM	25	0	22.31	22.32	22.28	23
10	16QAM	25	12	22.35	22.31	22.32	
10	16QAM	25	25	22.40	22.34	22.28	
10	16QAM	50	0	22.41	22.25	22.30	
10	64QAM	1	0	22.42	22.26	22.38	23
10	64QAM	1	25	22.42	22.32	22.43	
10	64QAM	1	49	22.35	22.34	21.66	
10	64QAM	25	0	21.35	21.36	21.39	22
10	64QAM	25	12	21.40	21.28	21.41	
10	64QAM	25	25	21.38	21.36	21.32	
10	64QAM	50	0	21.37	21.27	21.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.25	24.13	24.14	25
5	QPSK	1	12	24.17	24.15	24.15	
5	QPSK	1	24	24.19	24.19	24.07	
5	QPSK	12	0	23.35	23.29	23.27	24
5	QPSK	12	7	23.36	23.24	23.35	
5	QPSK	12	13	23.36	23.27	23.26	
5	QPSK	25	0	23.32	23.20	23.23	
5	16QAM	1	0	23.59	23.48	23.41	24
5	16QAM	1	12	23.50	23.48	23.50	
5	16QAM	1	24	23.50	23.49	23.31	
5	16QAM	12	0	22.36	22.27	22.32	23
5	16QAM	12	7	22.32	22.32	22.32	
5	16QAM	12	13	22.33	22.32	22.30	
5	16QAM	25	0	22.41	22.25	22.24	
5	64QAM	1	0	22.38	22.30	22.30	23
5	64QAM	1	12	22.46	22.39	22.43	
5	64QAM	1	24	22.39	22.36	21.62	
5	64QAM	12	0	21.38	21.32	21.40	22
5	64QAM	12	7	21.38	21.23	21.32	
5	64QAM	12	13	21.40	21.42	21.41	
5	64QAM	25	0	21.36	21.31	21.32	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.25	24.11	24.12	25
3	QPSK	1	8	24.10	24.13	24.07	
3	QPSK	1	14	24.18	24.21	24.02	
3	QPSK	8	0	23.38	23.26	23.35	24
3	QPSK	8	4	23.32	23.21	23.31	
3	QPSK	8	7	23.32	23.25	23.25	
3	QPSK	15	0	23.32	23.30	23.25	
3	16QAM	1	0	23.52	23.47	23.43	24
3	16QAM	1	8	23.45	23.44	23.48	
3	16QAM	1	14	23.48	23.41	23.31	
3	16QAM	8	0	22.33	22.35	22.28	23
3	16QAM	8	4	22.32	22.32	22.33	
3	16QAM	8	7	22.38	22.31	22.25	
3	16QAM	15	0	22.39	22.28	22.33	
3	64QAM	1	0	22.37	22.27	22.37	23
3	64QAM	1	8	22.37	22.32	22.38	
3	64QAM	1	14	22.41	22.39	21.67	
3	64QAM	8	0	21.40	21.39	21.38	22
3	64QAM	8	4	21.41	21.29	21.39	
3	64QAM	8	7	21.34	21.38	21.38	
3	64QAM	15	0	21.33	21.29	21.25	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.25	24.12	24.11	25
1.4	QPSK	1	3	24.18	24.16	24.12	
1.4	QPSK	1	5	24.16	24.21	24.01	
1.4	QPSK	3	0	24.16	24.08	24.08	
1.4	QPSK	3	1	24.14	24.10	24.02	
1.4	QPSK	3	3	24.11	24.20	24.00	
1.4	QPSK	6	0	23.38	23.20	23.30	24
1.4	16QAM	1	0	23.59	23.42	23.40	24
1.4	16QAM	1	3	23.44	23.46	23.51	
1.4	16QAM	1	5	23.45	23.49	23.37	
1.4	16QAM	3	0	23.49	23.35	23.38	
1.4	16QAM	3	1	23.41	23.39	23.44	
1.4	16QAM	3	3	23.42	23.47	23.31	
1.4	16QAM	6	0	22.40	22.31	22.27	23
1.4	64QAM	1	0	22.39	22.31	22.34	23
1.4	64QAM	1	3	22.44	22.37	22.42	
1.4	64QAM	1	5	22.41	22.31	21.62	
1.4	64QAM	3	0	22.37	22.25	22.26	
1.4	64QAM	3	1	22.39	22.34	22.35	
1.4	64QAM	3	3	22.40	22.29	21.62	
1.4	64QAM	6	0	21.39	21.32	21.24	22

Band 30							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.61		25
10	QPSK	1	25		24.65		
10	QPSK	1	49		24.62		
10	QPSK	25	0		23.62		24
10	QPSK	25	12		23.68		
10	QPSK	25	25		23.71		
10	QPSK	50	0		23.69		
10	16QAM	1	0		23.99		24
10	16QAM	1	25		23.93		
10	16QAM	1	49		23.98		
10	16QAM	25	0		22.64		23
10	16QAM	25	12		22.71		
10	16QAM	25	25		22.70		
10	16QAM	50	0		22.70		
10	64QAM	1	0		22.82		23
10	64QAM	1	25		22.90		
10	64QAM	1	49		22.83		
10	64QAM	25	0		21.69		22
10	64QAM	25	12		21.71		
10	64QAM	25	25		21.75		
10	64QAM	50	0		21.70		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.53	24.51	24.55	25
5	QPSK	1	12	24.60	24.59	24.63	
5	QPSK	1	24	24.54	24.56	24.60	
5	QPSK	12	0	23.60	23.61	23.57	24
5	QPSK	12	7	23.62	23.64	23.59	
5	QPSK	12	13	23.68	23.63	23.64	
5	QPSK	25	0	23.62	23.64	23.63	
5	16QAM	1	0	23.93	23.96	23.93	24
5	16QAM	1	12	23.93	23.88	23.88	
5	16QAM	1	24	23.93	23.89	23.92	
5	16QAM	12	0	22.54	22.59	22.60	23
5	16QAM	12	7	22.68	22.65	22.71	
5	16QAM	12	13	22.65	22.64	22.67	
5	16QAM	25	0	22.63	22.67	22.62	
5	64QAM	1	0	22.81	22.75	22.78	23
5	64QAM	1	12	22.81	22.86	22.82	
5	64QAM	1	24	22.80	22.77	22.80	
5	64QAM	12	0	21.65	21.63	21.60	22
5	64QAM	12	7	21.64	21.63	21.63	
5	64QAM	12	13	21.69	21.73	21.68	
5	64QAM	25	0	21.70	21.65	21.63	

Band 66

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.69	21.72	21.80	23
20	QPSK	1	49	21.59	21.60	21.70	
20	QPSK	1	99	21.61	21.58	21.59	
20	QPSK	50	0	21.34	21.39	21.47	23
20	QPSK	50	24	21.44	21.38	21.48	
20	QPSK	50	50	21.39	21.39	21.50	
20	QPSK	100	0	21.38	21.32	21.45	
20	16QAM	1	0	21.43	21.00	21.62	23
20	16QAM	1	49	21.44	21.15	21.60	
20	16QAM	1	99	21.45	21.56	21.63	
20	16QAM	50	0	21.38	21.58	20.95	23
20	16QAM	50	24	21.44	21.49	21.44	
20	16QAM	50	50	21.41	21.34	21.47	
20	16QAM	100	0	21.46	21.48	21.42	
20	64QAM	1	0	21.31	21.37	21.42	23
20	64QAM	1	49	21.23	21.28	21.36	
20	64QAM	1	99	21.22	21.25	21.31	
20	64QAM	50	0	21.35	21.37	21.43	22
20	64QAM	50	24	21.45	21.37	21.45	
20	64QAM	50	50	21.37	21.39	21.48	
20	64QAM	100	0	21.40	21.29	21.43	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.67	21.67	21.74	23
15	QPSK	1	37	21.55	21.50	21.60	
15	QPSK	1	74	21.57	21.53	21.50	
15	QPSK	36	0	21.29	21.33	21.42	23
15	QPSK	36	20	21.39	21.28	21.44	
15	QPSK	36	39	21.39	21.30	21.50	
15	QPSK	75	0	21.35	21.22	21.39	
15	16QAM	1	0	21.37	20.98	21.58	23
15	16QAM	1	37	21.34	21.08	21.58	
15	16QAM	1	74	21.45	21.49	21.53	
15	16QAM	36	0	21.32	21.55	20.89	23
15	16QAM	36	20	21.35	21.47	21.39	
15	16QAM	36	39	21.32	21.29	21.38	
15	16QAM	75	0	21.39	21.40	21.42	
15	64QAM	1	0	21.27	21.30	21.34	23
15	64QAM	1	37	21.14	21.23	21.29	
15	64QAM	1	74	21.16	21.25	21.30	
15	64QAM	36	0	21.27	21.35	21.33	22
15	64QAM	36	20	21.39	21.34	21.37	
15	64QAM	36	39	21.33	21.39	21.47	
15	64QAM	75	0	21.36	21.29	21.43	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.63	21.65	21.70	23
10	QPSK	1	25	21.50	21.53	21.66	
10	QPSK	1	49	21.52	21.50	21.49	
10	QPSK	25	0	21.33	21.36	21.40	23
10	QPSK	25	12	21.38	21.38	21.47	
10	QPSK	25	25	21.34	21.30	21.41	
10	QPSK	50	0	21.33	21.27	21.45	
10	16QAM	1	0	21.35	20.96	21.53	23
10	16QAM	1	25	21.35	21.06	21.55	
10	16QAM	1	49	21.37	21.54	21.56	
10	16QAM	25	0	21.31	21.51	20.85	23
10	16QAM	25	12	21.36	21.48	21.44	
10	16QAM	25	25	21.40	21.27	21.44	
10	16QAM	50	0	21.44	21.46	21.38	
10	64QAM	1	0	21.29	21.29	21.42	23
10	64QAM	1	25	21.23	21.21	21.35	
10	64QAM	1	49	21.12	21.25	21.22	
10	64QAM	25	0	21.27	21.31	21.37	22
10	64QAM	25	12	21.40	21.27	21.45	
10	64QAM	25	25	21.36	21.39	21.44	
10	64QAM	50	0	21.30	21.23	21.42	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.62	21.69	21.77	23
5	QPSK	1	12	21.55	21.57	21.69	
5	QPSK	1	24	21.55	21.52	21.56	
5	QPSK	12	0	21.32	21.34	21.37	23
5	QPSK	12	7	21.40	21.29	21.48	
5	QPSK	12	13	21.34	21.31	21.48	
5	QPSK	25	0	21.32	21.25	21.41	
5	16QAM	1	0	21.40	20.98	21.54	23
5	16QAM	1	12	21.37	21.14	21.58	
5	16QAM	1	24	21.41	21.49	21.58	
5	16QAM	12	0	21.32	21.51	20.87	23
5	16QAM	12	7	21.40	21.45	21.37	
5	16QAM	12	13	21.34	21.25	21.41	
5	16QAM	25	0	21.41	21.38	21.32	
5	64QAM	1	0	21.28	21.36	21.34	23
5	64QAM	1	12	21.23	21.18	21.26	
5	64QAM	1	24	21.12	21.17	21.29	
5	64QAM	12	0	21.28	21.34	21.38	22
5	64QAM	12	7	21.37	21.35	21.43	
5	64QAM	12	13	21.27	21.37	21.46	
5	64QAM	25	0	21.39	21.24	21.35	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.61	21.72	21.72	23
3	QPSK	1	8	21.50	21.55	21.68	
3	QPSK	1	14	21.60	21.57	21.52	
3	QPSK	8	0	21.30	21.30	21.39	23
3	QPSK	8	4	21.40	21.29	21.46	
3	QPSK	8	7	21.35	21.32	21.41	
3	QPSK	15	0	21.30	21.22	21.44	
3	16QAM	1	0	21.43	20.92	21.52	23
3	16QAM	1	8	21.41	21.14	21.56	
3	16QAM	1	14	21.41	21.46	21.56	
3	16QAM	8	0	21.32	21.49	20.94	23
3	16QAM	8	4	21.39	21.40	21.37	
3	16QAM	8	7	21.39	21.27	21.47	
3	16QAM	15	0	21.40	21.45	21.35	
3	64QAM	1	0	21.28	21.35	21.38	23
3	64QAM	1	8	21.22	21.23	21.30	
3	64QAM	1	14	21.16	21.25	21.24	
3	64QAM	8	0	21.33	21.32	21.37	22
3	64QAM	8	4	21.36	21.36	21.44	
3	64QAM	8	7	21.33	21.31	21.42	
3	64QAM	15	0	21.33	21.26	21.34	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.65	21.66	21.74	23
1.4	QPSK	1	3	21.51	21.55	21.69	
1.4	QPSK	1	5	21.53	21.50	21.59	
1.4	QPSK	3	0	21.32	21.30	21.42	
1.4	QPSK	3	1	21.34	21.34	21.43	
1.4	QPSK	3	3	21.36	21.31	21.45	
1.4	QPSK	6	0	21.30	21.32	21.44	23
1.4	16QAM	1	0	21.33	20.96	21.59	23
1.4	16QAM	1	3	21.40	21.05	21.59	
1.4	16QAM	1	5	21.41	21.56	21.60	
1.4	16QAM	3	0	21.29	21.51	20.89	
1.4	16QAM	3	1	21.38	21.44	21.42	
1.4	16QAM	3	3	21.37	21.24	21.38	
1.4	16QAM	6	0	21.44	21.45	21.35	23
1.4	64QAM	1	0	21.27	21.33	21.36	23
1.4	64QAM	1	3	21.21	21.19	21.28	
1.4	64QAM	1	5	21.21	21.15	21.22	
1.4	64QAM	3	0	21.30	21.32	21.43	
1.4	64QAM	3	1	21.43	21.31	21.42	
1.4	64QAM	3	3	21.28	21.37	21.39	
1.4	64QAM	6	0	21.34	21.28	21.43	22

Band 71							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.40	24.34	24.28	25
20	QPSK	1	49	24.30	24.32	24.31	
20	QPSK	1	99	24.30	24.30	24.26	
20	QPSK	50	0	23.45	23.52	23.39	24
20	QPSK	50	24	23.42	23.42	23.46	
20	QPSK	50	50	23.50	23.51	23.50	
20	QPSK	100	0	23.48	23.44	23.48	
20	16QAM	1	0	23.72	23.62	23.64	24
20	16QAM	1	49	23.65	23.69	23.65	
20	16QAM	1	99	23.65	23.69	23.62	
20	16QAM	50	0	22.47	22.42	22.40	23
20	16QAM	50	24	22.52	22.45	22.42	
20	16QAM	50	50	22.51	22.53	22.49	
20	16QAM	100	0	22.46	22.42	22.47	
20	64QAM	1	0	22.60	22.50	22.48	23
20	64QAM	1	49	22.50	22.55	22.52	
20	64QAM	1	99	22.57	22.59	22.50	
20	64QAM	50	0	21.49	21.40	21.41	22
20	64QAM	50	24	21.52	21.47	21.46	
20	64QAM	50	50	21.49	21.53	21.52	
20	64QAM	100	0	21.53	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.33	24.29	24.18	25
15	QPSK	1	37	24.27	24.24	24.25	
15	QPSK	1	74	24.24	24.34	24.17	
15	QPSK	36	0	23.39	23.37	23.31	24
15	QPSK	36	20	23.50	23.38	23.42	
15	QPSK	36	39	23.49	23.51	23.47	
15	QPSK	75	0	23.48	23.36	23.41	
15	16QAM	1	0	23.69	23.56	23.59	24
15	16QAM	1	37	23.59	23.66	23.58	
15	16QAM	1	74	23.65	23.66	23.53	
15	16QAM	36	0	22.43	22.37	22.39	23
15	16QAM	36	20	22.45	22.36	22.35	
15	16QAM	36	39	22.50	22.43	22.47	
15	16QAM	75	0	22.38	22.42	22.39	
15	64QAM	1	0	22.50	22.43	22.38	23
15	64QAM	1	37	22.46	22.45	22.49	
15	64QAM	1	74	22.53	22.50	22.43	
15	64QAM	36	0	21.47	21.37	21.37	22
15	64QAM	36	20	21.47	21.40	21.38	
15	64QAM	36	39	21.41	21.48	21.43	
15	64QAM	75	0	21.46	21.32	21.46	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.35	24.30	24.18	25
10	QPSK	1	25	24.27	24.27	24.23	
10	QPSK	1	49	24.20	24.25	24.24	
10	QPSK	25	0	23.45	23.42	23.32	24
10	QPSK	25	12	23.52	23.32	23.37	
10	QPSK	25	25	23.42	23.47	23.44	
10	QPSK	50	0	23.46	23.36	23.43	
10	16QAM	1	0	23.64	23.60	23.60	24
10	16QAM	1	25	23.63	23.63	23.57	
10	16QAM	1	49	23.57	23.62	23.52	
10	16QAM	25	0	22.43	22.39	22.37	23
10	16QAM	25	12	22.49	22.36	22.32	
10	16QAM	25	25	22.46	22.52	22.43	
10	16QAM	50	0	22.36	22.41	22.43	
10	64QAM	1	0	22.55	22.43	22.46	23
10	64QAM	1	25	22.43	22.47	22.52	
10	64QAM	1	49	22.50	22.54	22.42	
10	64QAM	25	0	21.43	21.37	21.35	22
10	64QAM	25	12	21.46	21.37	21.37	
10	64QAM	25	25	21.44	21.52	21.50	
10	64QAM	50	0	21.47	21.32	21.46	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.32	24.25	24.23	25
5	QPSK	1	12	24.23	24.28	24.28	
5	QPSK	1	24	24.22	24.24	24.18	
5	QPSK	12	0	23.43	23.37	23.36	24
5	QPSK	12	7	23.48	23.39	23.36	
5	QPSK	12	13	23.50	23.45	23.42	
5	QPSK	25	0	23.47	23.39	23.43	
5	16QAM	1	0	23.65	23.62	23.61	24
5	16QAM	1	12	23.59	23.66	23.64	
5	16QAM	1	24	23.59	23.67	23.53	
5	16QAM	12	0	22.38	22.42	22.38	23
5	16QAM	12	7	22.42	22.39	22.34	
5	16QAM	12	13	22.46	22.48	22.45	
5	16QAM	25	0	22.42	22.34	22.37	
5	64QAM	1	0	22.51	22.45	22.46	23
5	64QAM	1	12	22.50	22.52	22.43	
5	64QAM	1	24	22.47	22.57	22.46	
5	64QAM	12	0	21.48	21.36	21.40	22
5	64QAM	12	7	21.44	21.41	21.45	
5	64QAM	12	13	21.46	21.51	21.42	
5	64QAM	25	0	21.43	21.36	21.41	

Band 2

Ant 2							
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	23.39	23.41	23.29	24.2
20	QPSK	1	49	23.35	23.39	23.20	
20	QPSK	1	99	23.27	23.29	23.14	
20	QPSK	50	0	22.95	22.93	22.85	24
20	QPSK	50	24	22.87	22.94	22.88	
20	QPSK	50	50	22.86	22.93	22.83	
20	QPSK	100	0	22.88	22.91	22.96	
20	16QAM	1	0	23.08	23.07	22.99	24
20	16QAM	1	49	22.97	23.05	22.85	
20	16QAM	1	99	22.95	22.98	22.80	
20	16QAM	50	0	22.40	22.43	22.37	23
20	16QAM	50	24	22.49	22.45	22.37	
20	16QAM	50	50	22.46	22.43	22.33	
20	16QAM	100	0	22.47	22.41	22.36	
20	64QAM	1	0	22.56	22.57	22.55	23
20	64QAM	1	49	22.50	22.54	22.33	
20	64QAM	1	99	22.50	22.43	22.29	
20	64QAM	50	0	21.42	21.45	21.39	22
20	64QAM	50	24	21.50	21.48	21.40	
20	64QAM	50	50	21.49	21.46	21.36	
20	64QAM	100	0	21.49	21.44	21.36	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.38	23.40	23.29	24.2
15	QPSK	1	37	23.31	23.36	23.20	
15	QPSK	1	74	23.19	23.25	23.04	
15	QPSK	36	0	22.34	22.39	22.30	24
15	QPSK	36	20	22.45	22.45	22.30	
15	QPSK	36	39	22.36	22.35	22.33	
15	QPSK	75	0	22.41	22.38	22.29	
15	16QAM	1	0	23.01	22.98	22.95	24
15	16QAM	1	37	22.89	22.98	22.78	
15	16QAM	1	74	22.87	22.98	22.71	
15	16QAM	36	0	22.91	22.83	22.84	23
15	16QAM	36	20	22.84	22.84	22.83	
15	16QAM	36	39	22.82	22.84	22.76	
15	16QAM	75	0	22.80	22.83	22.96	
15	64QAM	1	0	22.51	22.47	22.50	23
15	64QAM	1	37	22.41	22.54	22.23	
15	64QAM	1	74	22.43	22.41	22.23	
15	64QAM	36	0	21.33	21.36	21.32	22
15	64QAM	36	20	21.41	21.46	21.30	
15	64QAM	36	39	21.39	21.44	21.27	
15	64QAM	75	0	21.43	21.35	21.27	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.30	23.39	23.20	24.2
10	QPSK	1	25	23.30	23.37	23.15	
10	QPSK	1	49	23.19	23.19	23.14	
10	QPSK	25	0	22.32	22.39	22.34	24
10	QPSK	25	12	22.44	22.42	22.32	
10	QPSK	25	25	22.41	22.35	22.24	
10	QPSK	50	0	22.41	22.39	22.28	
10	16QAM	1	0	23.02	22.99	22.95	24
10	16QAM	1	25	22.90	23.00	22.80	
10	16QAM	1	49	22.85	22.88	22.79	
10	16QAM	25	0	22.87	22.85	22.76	23
10	16QAM	25	12	22.86	22.86	22.79	
10	16QAM	25	25	22.81	22.83	22.79	
10	16QAM	50	0	22.88	22.91	22.93	
10	64QAM	1	0	22.54	22.57	22.46	23
10	64QAM	1	25	22.45	22.46	22.26	
10	64QAM	1	49	22.48	22.40	22.24	
10	64QAM	25	0	21.35	21.40	21.37	22
10	64QAM	25	12	21.41	21.45	21.33	
10	64QAM	25	25	21.41	21.44	21.33	
10	64QAM	50	0	21.41	21.39	21.29	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.39	23.37	23.22	24.2
5	QPSK	1	12	23.34	23.29	23.20	
5	QPSK	1	24	23.21	23.27	23.13	
5	QPSK	12	0	22.39	22.36	22.35	24
5	QPSK	12	7	22.49	22.44	22.28	
5	QPSK	12	13	22.36	22.38	22.32	
5	QPSK	25	0	22.41	22.41	22.33	
5	16QAM	1	0	23.01	23.02	22.97	24
5	16QAM	1	12	22.89	22.96	22.83	
5	16QAM	1	24	22.90	22.89	22.75	
5	16QAM	12	0	22.95	22.92	22.76	23
5	16QAM	12	7	22.85	22.91	22.82	
5	16QAM	12	13	22.76	22.89	22.81	
5	16QAM	25	0	22.81	22.90	22.95	
5	64QAM	1	0	22.55	22.47	22.50	23
5	64QAM	1	12	22.41	22.49	22.29	
5	64QAM	1	24	22.42	22.37	22.19	
5	64QAM	12	0	21.37	21.37	21.35	22
5	64QAM	12	7	21.47	21.43	21.33	
5	64QAM	12	13	21.46	21.46	21.30	
5	64QAM	25	0	21.41	21.36	21.33	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.29	23.32	23.20	24.2
3	QPSK	1	8	23.28	23.32	23.17	
3	QPSK	1	14	23.26	23.24	23.06	
3	QPSK	8	0	22.40	22.40	22.27	24
3	QPSK	8	4	22.49	22.43	22.37	
3	QPSK	8	7	22.46	22.38	22.29	
3	QPSK	15	0	22.46	22.32	22.27	
3	16QAM	1	0	23.07	23.01	22.98	24
3	16QAM	1	8	22.88	22.97	22.85	
3	16QAM	1	14	22.94	22.94	22.76	
3	16QAM	8	0	22.90	22.86	22.77	23
3	16QAM	8	4	22.83	22.90	22.84	
3	16QAM	8	7	22.77	22.85	22.79	
3	16QAM	15	0	22.84	22.86	22.86	
3	64QAM	1	0	22.55	22.57	22.54	23
3	64QAM	1	8	22.43	22.52	22.33	
3	64QAM	1	14	22.47	22.33	22.22	
3	64QAM	8	0	21.39	21.37	21.33	22
3	64QAM	8	4	21.45	21.46	21.39	
3	64QAM	8	7	21.40	21.40	21.31	
3	64QAM	15	0	21.47	21.35	21.35	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.39	23.36	23.25	24.2
1.4	QPSK	1	3	23.30	23.33	23.20	
1.4	QPSK	1	5	23.19	23.26	23.04	
1.4	QPSK	3	0	23.37	23.39	23.24	
1.4	QPSK	3	1	23.25	23.31	23.20	
1.4	QPSK	3	3	23.23	23.25	23.05	
1.4	QPSK	6	0	22.44	22.37	22.36	24
1.4	16QAM	1	0	22.99	23.07	22.98	24
1.4	16QAM	1	3	22.88	22.99	22.77	
1.4	16QAM	1	5	22.85	22.92	22.78	
1.4	16QAM	3	0	22.92	22.93	22.76	
1.4	16QAM	3	1	22.81	22.87	22.87	
1.4	16QAM	3	3	22.81	22.86	22.83	
1.4	16QAM	6	0	22.84	22.87	22.89	23
1.4	64QAM	1	0	22.54	22.57	22.47	23
1.4	64QAM	1	3	22.47	22.46	22.26	
1.4	64QAM	1	5	22.42	22.34	22.29	
1.4	64QAM	3	0	22.54	22.55	22.51	
1.4	64QAM	3	1	22.41	22.44	22.25	
1.4	64QAM	3	3	22.48	22.36	22.27	
1.4	64QAM	6	0	21.41	21.43	21.27	22

Band 4

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.90	23.94	23.98	25
20	QPSK	1	49	23.74	23.76	23.79	
20	QPSK	1	99	23.72	23.75	23.78	
20	QPSK	50	0	23.25	23.28	23.31	24
20	QPSK	50	24	23.27	23.21	23.33	
20	QPSK	50	50	23.21	23.20	23.24	
20	QPSK	100	0	23.25	23.24	23.30	
20	16QAM	1	0	23.54	23.59	23.62	24
20	16QAM	1	49	23.40	23.42	23.46	
20	16QAM	1	99	23.36	23.38	23.40	
20	16QAM	50	0	22.25	22.29	22.32	23
20	16QAM	50	24	22.29	22.23	22.31	
20	16QAM	50	50	22.22	22.22	22.24	
20	16QAM	100	0	22.24	22.21	22.32	
20	64QAM	1	0	22.42	22.48	22.47	23
20	64QAM	1	49	22.30	22.33	22.31	
20	64QAM	1	99	22.32	22.34	22.32	
20	64QAM	50	0	21.27	21.32	21.35	22
20	64QAM	50	24	21.28	21.26	21.34	
20	64QAM	50	50	21.23	21.24	21.28	
20	64QAM	100	0	21.27	21.24	21.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.89	23.94	23.88	25
15	QPSK	1	37	23.65	23.69	23.79	
15	QPSK	1	74	23.62	23.72	23.78	
15	QPSK	36	0	23.16	23.22	23.24	24
15	QPSK	36	20	23.19	23.17	23.25	
15	QPSK	36	39	23.16	23.10	23.24	
15	QPSK	75	0	23.22	23.22	23.25	
15	16QAM	1	0	23.50	23.51	23.55	24
15	16QAM	1	37	23.36	23.35	23.45	
15	16QAM	1	74	23.28	23.29	23.40	
15	16QAM	36	0	22.15	22.28	22.25	23
15	16QAM	36	20	22.22	22.14	22.23	
15	16QAM	36	39	22.17	22.13	22.18	
15	16QAM	75	0	22.15	22.21	22.26	
15	64QAM	1	0	22.33	22.47	22.38	23
15	64QAM	1	37	22.26	22.31	22.31	
15	64QAM	1	74	22.32	22.34	22.30	
15	64QAM	36	0	21.20	21.31	21.35	22
15	64QAM	36	20	21.18	21.23	21.28	
15	64QAM	36	39	21.20	21.19	21.24	
15	64QAM	75	0	21.20	21.23	21.26	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.84	23.85	23.96	25
10	QPSK	1	25	23.73	23.68	23.77	
10	QPSK	1	49	23.68	23.66	23.77	
10	QPSK	25	0	23.25	23.18	23.29	24
10	QPSK	25	12	23.25	23.15	23.31	
10	QPSK	25	25	23.11	23.20	23.21	
10	QPSK	50	0	23.20	23.14	23.21	
10	16QAM	1	0	23.53	23.56	23.52	24
10	16QAM	1	25	23.35	23.33	23.40	
10	16QAM	1	49	23.36	23.35	23.39	
10	16QAM	25	0	22.15	22.25	22.27	23
10	16QAM	25	12	22.20	22.20	22.25	
10	16QAM	25	25	22.13	22.21	22.18	
10	16QAM	50	0	22.23	22.13	22.24	
10	64QAM	1	0	22.32	22.40	22.45	23
10	64QAM	1	25	22.27	22.29	22.25	
10	64QAM	1	49	22.30	22.34	22.24	
10	64QAM	25	0	21.17	21.23	21.26	22
10	64QAM	25	12	21.18	21.25	21.28	
10	64QAM	25	25	21.16	21.16	21.27	
10	64QAM	50	0	21.21	21.15	21.23	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.88	23.90	23.89	25
5	QPSK	1	12	23.67	23.70	23.76	
5	QPSK	1	24	23.63	23.72	23.71	
5	QPSK	12	0	23.25	23.20	23.24	24
5	QPSK	12	7	23.27	23.12	23.28	
5	QPSK	12	13	23.21	23.14	23.23	
5	QPSK	25	0	23.15	23.15	23.25	
5	16QAM	1	0	23.50	23.52	23.55	24
5	16QAM	1	12	23.36	23.34	23.46	
5	16QAM	1	24	23.28	23.29	23.30	
5	16QAM	12	0	22.20	22.25	22.23	23
5	16QAM	12	7	22.28	22.14	22.30	
5	16QAM	12	13	22.20	22.19	22.22	
5	16QAM	25	0	22.23	22.15	22.31	
5	64QAM	1	0	22.34	22.42	22.41	23
5	64QAM	1	12	22.20	22.23	22.28	
5	64QAM	1	24	22.27	22.27	22.27	
5	64QAM	12	0	21.23	21.22	21.33	22
5	64QAM	12	7	21.18	21.21	21.26	
5	64QAM	12	13	21.13	21.22	21.20	
5	64QAM	25	0	21.26	21.21	21.33	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.83	23.88	23.93	25
3	QPSK	1	8	23.73	23.74	23.79	
3	QPSK	1	14	23.67	23.70	23.73	
3	QPSK	8	0	23.23	23.18	23.31	24
3	QPSK	8	4	23.22	23.15	23.33	
3	QPSK	8	7	23.17	23.16	23.23	
3	QPSK	15	0	23.22	23.23	23.24	
3	16QAM	1	0	23.53	23.49	23.56	24
3	16QAM	1	8	23.35	23.33	23.45	
3	16QAM	1	14	23.36	23.30	23.31	
3	16QAM	8	0	22.24	22.19	22.23	23
3	16QAM	8	4	22.19	22.17	22.22	
3	16QAM	8	7	22.17	22.18	22.16	
3	16QAM	15	0	22.16	22.14	22.31	
3	64QAM	1	0	22.42	22.47	22.37	23
3	64QAM	1	8	22.30	22.23	22.29	
3	64QAM	1	14	22.26	22.34	22.27	
3	64QAM	8	0	21.22	21.26	21.27	22
3	64QAM	8	4	21.21	21.26	21.24	
3	64QAM	8	7	21.15	21.15	21.25	
3	64QAM	15	0	21.24	21.19	21.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.80	23.93	23.97	25
1.4	QPSK	1	3	23.69	23.67	23.74	
1.4	QPSK	1	5	23.72	23.75	23.72	
1.4	QPSK	3	0	23.78	23.88	23.92	
1.4	QPSK	3	1	23.64	23.64	23.67	
1.4	QPSK	3	3	23.72	23.69	23.68	
1.4	QPSK	6	0	23.24	23.21	23.28	24
1.4	16QAM	1	0	23.49	23.59	23.57	24
1.4	16QAM	1	3	23.39	23.34	23.45	
1.4	16QAM	1	5	23.29	23.29	23.30	
1.4	16QAM	3	0	23.46	23.49	23.49	
1.4	16QAM	3	1	23.32	23.29	23.42	
1.4	16QAM	3	3	23.27	23.21	23.23	
1.4	16QAM	6	0	22.21	22.15	22.22	23
1.4	64QAM	1	0	22.39	22.46	22.43	23
1.4	64QAM	1	3	22.29	22.26	22.26	
1.4	64QAM	1	5	22.23	22.31	22.28	
1.4	64QAM	3	0	22.29	22.42	22.39	
1.4	64QAM	3	1	22.25	22.24	22.20	
1.4	64QAM	3	3	22.19	22.27	22.28	
1.4	64QAM	6	0	21.25	21.19	21.28	22

Band 5							
Ant 0							
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	24.40	24.37	24.38	25
10	QPSK	1	25	24.27	24.29	24.30	
10	QPSK	1	49	24.32	24.33	24.28	
10	QPSK	25	0	23.43	23.41	23.40	24
10	QPSK	25	12	23.49	23.41	23.42	
10	QPSK	25	25	23.46	23.44	23.45	
10	QPSK	50	0	23.50	23.50	23.39	
10	16QAM	1	0	23.77	23.74	23.72	24
10	16QAM	1	25	23.69	23.70	23.66	
10	16QAM	1	49	23.69	23.66	23.61	
10	16QAM	25	0	22.44	22.42	22.40	23
10	16QAM	25	12	22.52	22.41	22.39	
10	16QAM	25	25	22.46	22.43	22.40	
10	16QAM	50	0	22.53	22.48	22.41	
10	64QAM	1	0	22.58	22.58	22.57	23
10	64QAM	1	25	22.64	22.63	22.46	
10	64QAM	1	49	22.56	22.60	22.11	
10	64QAM	25	0	21.44	21.43	21.45	22
10	64QAM	25	12	21.55	21.44	21.45	
10	64QAM	25	25	21.51	21.48	21.08	
10	64QAM	50	0	21.54	21.52	21.32	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.34	24.37	24.34	25
5	QPSK	1	12	24.22	24.21	24.22	
5	QPSK	1	24	24.24	24.31	24.26	
5	QPSK	12	0	23.38	23.35	23.35	24
5	QPSK	12	7	23.46	23.31	23.33	
5	QPSK	12	13	23.37	23.39	23.41	
5	QPSK	25	0	23.42	23.43	23.31	
5	16QAM	1	0	23.73	23.68	23.71	24
5	16QAM	1	12	23.68	23.70	23.59	
5	16QAM	1	24	23.64	23.56	23.59	
5	16QAM	12	0	22.37	22.37	22.33	23
5	16QAM	12	7	22.46	22.41	22.33	
5	16QAM	12	13	22.38	22.35	22.33	
5	16QAM	25	0	22.48	22.38	22.39	
5	64QAM	1	0	22.48	22.58	22.50	23
5	64QAM	1	12	22.61	22.58	22.41	
5	64QAM	1	24	22.54	22.52	22.07	
5	64QAM	12	0	21.36	21.34	21.44	22
5	64QAM	12	7	21.55	21.40	21.43	
5	64QAM	12	13	21.45	21.48	21.05	
5	64QAM	25	0	21.44	21.52	21.25	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.32	24.27	24.32	25
3	QPSK	1	8	24.19	24.23	24.30	
3	QPSK	1	14	24.26	24.27	24.25	
3	QPSK	8	0	23.42	23.41	23.31	24
3	QPSK	8	4	23.46	23.37	23.35	
3	QPSK	8	7	23.37	23.39	23.35	
3	QPSK	15	0	23.42	23.49	23.36	
3	16QAM	1	0	23.72	23.66	23.69	24
3	16QAM	1	8	23.66	23.65	23.65	
3	16QAM	1	14	23.65	23.59	23.56	
3	16QAM	8	0	22.44	22.32	22.36	23
3	16QAM	8	4	22.51	22.33	22.34	
3	16QAM	8	7	22.46	22.43	22.34	
3	16QAM	15	0	22.53	22.44	22.37	
3	64QAM	1	0	22.51	22.54	22.47	23
3	64QAM	1	8	22.57	22.63	22.44	
3	64QAM	1	14	22.48	22.50	22.09	
3	64QAM	8	0	21.39	21.40	21.40	22
3	64QAM	8	4	21.46	21.43	21.35	
3	64QAM	8	7	21.51	21.45	21.05	
3	64QAM	15	0	21.45	21.43	21.27	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.30	24.33	24.36	25
1.4	QPSK	1	3	24.20	24.24	24.27	
1.4	QPSK	1	5	24.32	24.29	24.24	
1.4	QPSK	3	0	24.22	24.32	24.32	
1.4	QPSK	3	1	24.10	24.24	24.27	
1.4	QPSK	3	3	24.29	24.19	24.18	
1.4	QPSK	6	0	23.44	23.41	23.30	24
1.4	16QAM	1	0	23.76	23.71	23.70	24
1.4	16QAM	1	3	23.62	23.63	23.56	
1.4	16QAM	1	5	23.63	23.61	23.60	
1.4	16QAM	3	0	23.76	23.64	23.63	
1.4	16QAM	3	1	23.53	23.55	23.50	
1.4	16QAM	3	3	23.60	23.55	23.54	
1.4	16QAM	6	0	22.52	22.40	22.40	23
1.4	64QAM	1	0	22.52	22.52	22.52	23
1.4	64QAM	1	3	22.54	22.57	22.45	
1.4	64QAM	1	5	22.53	22.50	22.01	
1.4	64QAM	3	0	22.44	22.48	22.50	
1.4	64QAM	3	1	22.51	22.52	22.42	
1.4	64QAM	3	3	22.52	22.49	21.96	
1.4	64QAM	6	0	21.49	21.50	21.32	22

Band 7							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.56	17.69	17.74	18.7
20	QPSK	1	49	17.44	17.41	17.57	
20	QPSK	1	99	17.46	17.32	17.62	
20	QPSK	50	0	17.48	17.49	17.50	18.7
20	QPSK	50	24	17.30	17.46	17.33	
20	QPSK	50	50	17.25	17.40	17.34	
20	QPSK	100	0	17.42	17.33	17.45	
20	16QAM	1	0	17.40	17.49	17.43	18.7
20	16QAM	1	49	17.54	17.60	17.60	
20	16QAM	1	99	17.60	17.52	17.34	
20	16QAM	50	0	17.51	17.34	17.52	18.7
20	16QAM	50	24	17.58	17.31	17.55	
20	16QAM	50	50	17.22	17.27	17.54	
20	16QAM	100	0	17.57	17.45	17.45	
20	64QAM	1	0	17.50	17.23	17.52	18.7
20	64QAM	1	49	17.21	17.25	17.25	
20	64QAM	1	99	17.27	17.22	17.52	
20	64QAM	50	0	17.44	17.27	17.53	18.7
20	64QAM	50	24	17.46	17.35	17.44	
20	64QAM	50	50	17.53	17.59	17.34	
20	64QAM	100	0	17.21	17.29	17.53	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.55	17.40	17.24	18.7
15	QPSK	1	37	17.30	17.40	17.49	
15	QPSK	1	74	17.58	17.20	17.56	
15	QPSK	36	0	17.36	17.50	17.40	18.7
15	QPSK	36	20	17.47	17.49	17.29	
15	QPSK	36	39	17.24	17.50	17.57	
15	QPSK	75	0	17.20	17.47	17.55	
15	16QAM	1	0	17.60	17.27	17.60	18.7
15	16QAM	1	37	17.60	17.24	17.35	
15	16QAM	1	74	17.39	17.53	17.41	
15	16QAM	36	0	17.26	17.54	17.59	18.7
15	16QAM	36	20	17.39	17.25	17.57	
15	16QAM	36	39	17.31	17.36	17.48	
15	16QAM	75	0	17.52	17.53	17.32	
15	64QAM	1	0	17.23	17.22	17.38	18.7
15	64QAM	1	37	17.36	17.54	17.41	
15	64QAM	1	74	17.36	17.30	17.45	
15	64QAM	36	0	17.45	17.24	17.35	18.7
15	64QAM	36	20	17.24	17.29	17.51	
15	64QAM	36	39	17.55	17.29	17.49	
15	64QAM	75	0	17.55	17.44	17.43	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.55	17.40	17.24	18.7
10	QPSK	1	25	17.30	17.40	17.49	
10	QPSK	1	49	17.58	17.20	17.56	
10	QPSK	25	0	17.36	17.50	17.40	18.7
10	QPSK	25	12	17.47	17.49	17.29	
10	QPSK	25	25	17.24	17.50	17.57	
10	QPSK	50	0	17.20	17.47	17.55	
10	16QAM	1	0	17.60	17.27	17.60	18.7
10	16QAM	1	25	17.60	17.24	17.35	
10	16QAM	1	49	17.39	17.53	17.41	
10	16QAM	25	0	17.26	17.54	17.59	18.7
10	16QAM	25	12	17.39	17.25	17.57	
10	16QAM	25	25	17.31	17.36	17.48	
10	16QAM	50	0	17.52	17.53	17.32	
10	64QAM	1	0	17.23	17.22	17.38	18.7
10	64QAM	1	25	17.36	17.54	17.41	
10	64QAM	1	49	17.36	17.30	17.45	
10	64QAM	25	0	17.45	17.24	17.35	18.7
10	64QAM	25	12	17.24	17.29	17.51	
10	64QAM	25	25	17.55	17.29	17.49	
10	64QAM	50	0	17.55	17.44	17.43	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.26	17.60	17.28	18.7
5	QPSK	1	12	17.57	17.27	17.44	
5	QPSK	1	24	17.23	17.36	17.36	
5	QPSK	12	0	17.32	17.41	17.31	18.7
5	QPSK	12	7	17.28	17.36	17.24	
5	QPSK	12	13	17.56	17.49	17.42	
5	QPSK	25	0	17.27	17.46	17.38	
5	16QAM	1	0	17.28	17.57	17.21	18.7
5	16QAM	1	12	17.39	17.52	17.44	
5	16QAM	1	24	17.29	17.48	17.21	
5	16QAM	12	0	17.40	17.48	17.38	18.7
5	16QAM	12	7	17.58	17.37	17.37	
5	16QAM	12	13	17.59	17.51	17.30	
5	16QAM	25	0	17.29	17.55	17.21	
5	64QAM	1	0	17.33	17.60	17.45	18.7
5	64QAM	1	12	17.20	17.22	17.50	
5	64QAM	1	24	17.49	17.60	17.56	
5	64QAM	12	0	17.39	17.25	17.48	18.7
5	64QAM	12	7	17.40	17.48	17.44	
5	64QAM	12	13	17.43	17.22	17.27	
5	64QAM	25	0	17.54	17.38	17.38	

Band 12							
Ant 0							
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	24.32	24.27	24.27	25
10	QPSK	1	25	24.30	24.30	24.33	
10	QPSK	1	49	24.37	24.38	24.31	
10	QPSK	25	0	23.43	23.46	23.43	24
10	QPSK	25	12	23.50	23.42	23.45	
10	QPSK	25	25	23.51	23.53	23.50	
10	QPSK	50	0	23.52	23.46	23.47	
10	16QAM	1	0	23.73	23.65	23.64	24
10	16QAM	1	25	23.70	23.72	23.69	
10	16QAM	1	49	23.77	23.74	23.72	
10	16QAM	25	0	22.44	22.46	22.47	23
10	16QAM	25	12	22.51	22.47	22.46	
10	16QAM	25	25	22.49	22.51	22.51	
10	16QAM	50	0	22.53	22.47	22.44	
10	64QAM	1	0	22.53	22.47	22.49	23
10	64QAM	1	25	22.61	22.64	22.61	
10	64QAM	1	49	22.67	22.60	22.60	
10	64QAM	25	0	21.46	21.47	21.48	22
10	64QAM	25	12	21.56	21.49	21.49	
10	64QAM	25	25	21.51	21.55	21.53	
10	64QAM	50	0	21.55	21.48	21.49	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.31	24.26	24.21	25
5	QPSK	1	12	24.22	24.21	24.24	
5	QPSK	1	24	24.36	24.30	24.25	
5	QPSK	12	0	23.40	23.46	23.42	24
5	QPSK	12	7	23.46	23.40	23.41	
5	QPSK	12	13	23.48	23.43	23.46	
5	QPSK	25	0	23.48	23.42	23.47	
5	16QAM	1	0	23.71	23.63	23.59	24
5	16QAM	1	12	23.69	23.62	23.61	
5	16QAM	1	24	23.76	23.72	23.65	
5	16QAM	12	0	22.34	22.38	22.43	23
5	16QAM	12	7	22.46	22.43	22.43	
5	16QAM	12	13	22.39	22.43	22.45	
5	16QAM	25	0	22.47	22.44	22.36	
5	64QAM	1	0	22.49	22.46	22.49	23
5	64QAM	1	12	22.58	22.61	22.57	
5	64QAM	1	24	22.63	22.50	22.54	
5	64QAM	12	0	21.38	21.40	21.46	22
5	64QAM	12	7	21.55	21.46	21.45	
5	64QAM	12	13	21.46	21.51	21.43	
5	64QAM	25	0	21.49	21.38	21.41	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.28	24.17	24.21	25
3	QPSK	1	8	24.20	24.29	24.27	
3	QPSK	1	14	24.32	24.28	24.23	
3	QPSK	8	0	23.40	23.38	23.39	24
3	QPSK	8	4	23.44	23.41	23.40	
3	QPSK	8	7	23.41	23.42	23.50	
3	QPSK	15	0	23.42	23.38	23.38	
3	16QAM	1	0	23.71	23.56	23.63	24
3	16QAM	1	8	23.61	23.68	23.63	
3	16QAM	1	14	23.73	23.73	23.72	
3	16QAM	8	0	22.41	22.37	22.41	23
3	16QAM	8	4	22.42	22.45	22.45	
3	16QAM	8	7	22.46	22.43	22.51	
3	16QAM	15	0	22.51	22.45	22.43	
3	64QAM	1	0	22.46	22.37	22.40	23
3	64QAM	1	8	22.56	22.60	22.59	
3	64QAM	1	14	22.59	22.51	22.60	
3	64QAM	8	0	21.40	21.37	21.47	22
3	64QAM	8	4	21.48	21.43	21.49	
3	64QAM	8	7	21.51	21.54	21.44	
3	64QAM	15	0	21.54	21.45	21.41	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.29	24.18	24.23	25
1.4	QPSK	1	3	24.24	24.30	24.29	
1.4	QPSK	1	5	24.29	24.28	24.27	
1.4	QPSK	3	0	24.23	24.11	24.15	
1.4	QPSK	3	1	24.14	24.22	24.23	
1.4	QPSK	3	3	24.19	24.18	24.22	
1.4	QPSK	6	0	23.51	23.37	23.41	24
1.4	16QAM	1	0	23.69	23.60	23.63	24
1.4	16QAM	1	3	23.66	23.68	23.65	
1.4	16QAM	1	5	23.75	23.69	23.68	
1.4	16QAM	3	0	23.65	23.50	23.63	
1.4	16QAM	3	1	23.62	23.63	23.61	
1.4	16QAM	3	3	23.69	23.62	23.58	
1.4	16QAM	6	0	22.44	22.44	22.35	23
1.4	64QAM	1	0	22.48	22.47	22.48	23
1.4	64QAM	1	3	22.55	22.61	22.61	
1.4	64QAM	1	5	22.58	22.53	22.57	
1.4	64QAM	3	0	22.38	22.40	22.40	
1.4	64QAM	3	1	22.51	22.59	22.52	
1.4	64QAM	3	3	22.58	22.53	22.53	
1.4	64QAM	6	0	21.50	21.38	21.46	22

Band 13							
Ant 0							
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		24.52		25
10	QPSK	1	25		24.48		
10	QPSK	1	49		24.45		
10	QPSK	25	0		23.54		24
10	QPSK	25	12		23.56		
10	QPSK	25	25		23.61		
10	QPSK	50	0		23.60		
10	16QAM	1	0		23.79		24
10	16QAM	1	25		23.82		
10	16QAM	1	49		23.82		
10	16QAM	25	0		22.56		23
10	16QAM	25	12		22.62		
10	16QAM	25	25		22.63		
10	16QAM	50	0		22.58		
10	64QAM	1	0		22.74		23
10	64QAM	1	25		22.72		
10	64QAM	1	49		22.75		
10	64QAM	25	0		21.58		22
10	64QAM	25	12		21.64		
10	64QAM	25	25		21.64		
10	64QAM	50	0		21.59		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.38	24.36	24.39	25
5	QPSK	1	12	24.43	24.48	24.40	
5	QPSK	1	24	24.47	24.48	24.42	
5	QPSK	12	0	23.53	23.45	23.50	24
5	QPSK	12	7	23.56	23.56	23.47	
5	QPSK	12	13	23.57	23.60	23.54	
5	QPSK	25	0	23.51	23.55	23.59	
5	16QAM	1	0	23.69	23.74	23.76	24
5	16QAM	1	12	23.81	23.72	23.77	
5	16QAM	1	24	23.80	23.72	23.73	
5	16QAM	12	0	22.51	22.50	22.53	23
5	16QAM	12	7	22.54	22.55	22.60	
5	16QAM	12	13	22.61	22.56	22.60	
5	16QAM	25	0	22.50	22.52	22.56	
5	64QAM	1	0	22.71	22.65	22.72	23
5	64QAM	1	12	22.71	22.69	22.64	
5	64QAM	1	24	22.75	22.65	22.66	
5	64QAM	12	0	21.55	21.50	21.51	22
5	64QAM	12	7	21.58	21.63	21.56	
5	64QAM	12	13	21.63	21.57	21.59	
5	64QAM	25	0	21.59	21.49	21.59	

Band 14

Ant 0

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		24.45		25
10	QPSK	1	25		24.40		
10	QPSK	1	49		24.35		
10	QPSK	25	0		23.49		24
10	QPSK	25	12		23.52		
10	QPSK	25	25		23.56		
10	QPSK	50	0		23.48		
10	16QAM	1	0		23.89		24
10	16QAM	1	25		23.76		
10	16QAM	1	49		23.78		
10	16QAM	25	0		22.50		23
10	16QAM	25	12		22.51		
10	16QAM	25	25		22.54		
10	16QAM	50	0		22.48		
10	64QAM	1	0		22.70		23
10	64QAM	1	25		22.76		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.53		22
10	64QAM	25	12		21.53		
10	64QAM	25	25		21.59		
10	64QAM	50	0		21.51		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.38	24.44	24.43	25
5	QPSK	1	12	24.41	24.36	24.42	
5	QPSK	1	24	24.30	24.27	24.31	
5	QPSK	12	0	23.39	23.43	23.43	24
5	QPSK	12	7	23.49	23.44	23.47	
5	QPSK	12	13	23.55	23.46	23.55	
5	QPSK	25	0	23.42	23.43	23.48	
5	16QAM	1	0	23.82	23.81	23.87	24
5	16QAM	1	12	23.68	23.68	23.69	
5	16QAM	1	24	23.70	23.70	23.78	
5	16QAM	12	0	22.50	22.41	22.41	23
5	16QAM	12	7	22.41	22.50	22.46	
5	16QAM	12	13	22.51	22.49	22.51	
5	16QAM	25	0	22.41	22.48	22.39	
5	64QAM	1	0	22.70	22.61	22.65	23
5	64QAM	1	12	22.75	22.68	22.75	
5	64QAM	1	24	22.60	22.63	22.54	
5	64QAM	12	0	21.51	21.47	21.46	22
5	64QAM	12	7	21.44	21.47	21.47	
5	64QAM	12	13	21.50	21.54	21.54	
5	64QAM	25	0	21.42	21.49	21.51	

Band 17							
Ant 0							
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	24.28	24.29	24.25	25
10	QPSK	1	25	24.33	24.32	24.31	
10	QPSK	1	49	24.38	24.37	24.32	
10	QPSK	25	0	23.38	23.38	23.37	24
10	QPSK	25	12	23.54	23.45	23.44	
10	QPSK	25	25	23.54	23.54	23.54	
10	QPSK	50	0	23.52	23.43	23.43	
10	16QAM	1	0	23.65	23.64	23.64	24
10	16QAM	1	25	23.69	23.69	23.71	
10	16QAM	1	49	23.71	23.73	23.70	
10	16QAM	25	0	22.38	22.39	22.40	23
10	16QAM	25	12	22.54	22.45	22.45	
10	16QAM	25	25	22.54	22.58	22.51	
10	16QAM	50	0	22.52	22.43	22.41	
10	64QAM	1	0	22.56	22.51	22.53	23
10	64QAM	1	25	22.64	22.64	22.66	
10	64QAM	1	49	22.64	22.64	22.62	
10	64QAM	25	0	21.43	21.42	21.43	22
10	64QAM	25	12	21.58	21.50	21.49	
10	64QAM	25	25	21.57	21.55	21.57	
10	64QAM	50	0	21.54	21.46	21.44	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.20	24.23	24.22	25
5	QPSK	1	12	24.23	24.32	24.28	
5	QPSK	1	24	24.31	24.33	24.27	
5	QPSK	12	0	23.33	23.29	23.31	24
5	QPSK	12	7	23.48	23.45	23.43	
5	QPSK	12	13	23.48	23.53	23.45	
5	QPSK	25	0	23.51	23.38	23.39	
5	16QAM	1	0	23.63	23.62	23.59	24
5	16QAM	1	12	23.68	23.61	23.68	
5	16QAM	1	24	23.68	23.73	23.65	
5	16QAM	12	0	22.34	22.29	22.31	23
5	16QAM	12	7	22.44	22.35	22.45	
5	16QAM	12	13	22.54	22.55	22.45	
5	16QAM	25	0	22.42	22.40	22.35	
5	64QAM	1	0	22.48	22.44	22.53	23
5	64QAM	1	12	22.60	22.54	22.62	
5	64QAM	1	24	22.61	22.54	22.54	
5	64QAM	12	0	21.35	21.36	21.37	22
5	64QAM	12	7	21.49	21.49	21.46	
5	64QAM	12	13	21.55	21.47	21.54	
5	64QAM	25	0	21.52	21.42	21.43	

Band 25

Ant 2

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	23.59	23.66	23.50	24.2
20	QPSK	1	49	23.51	23.61	23.40	
20	QPSK	1	99	23.45	23.54	23.30	
20	QPSK	50	0	23.34	23.41	23.26	24
20	QPSK	50	24	23.30	23.37	23.22	
20	QPSK	50	50	23.31	23.38	23.19	
20	QPSK	100	0	23.17	23.32	23.25	
20	16QAM	1	0	23.26	23.30	23.16	24
20	16QAM	1	49	23.19	23.25	23.05	
20	16QAM	1	99	23.13	23.20	22.98	
20	16QAM	50	0	22.61	22.64	22.56	23
20	16QAM	50	24	22.65	22.75	22.54	
20	16QAM	50	50	22.61	22.67	22.50	
20	16QAM	100	0	22.64	22.62	22.53	
20	64QAM	1	0	22.71	22.80	22.69	23
20	64QAM	1	49	22.72	22.81	22.58	
20	64QAM	1	99	22.66	22.77	22.05	
20	64QAM	50	0	21.63	21.67	21.59	22
20	64QAM	50	24	21.67	21.77	21.57	
20	64QAM	50	50	21.63	21.70	21.45	
20	64QAM	100	0	21.65	21.64	21.37	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.02	23.07	22.87	24.2
15	QPSK	1	37	22.90	23.00	22.82	
15	QPSK	1	74	22.89	22.98	22.74	
15	QPSK	36	0	23.01	23.05	22.99	24
15	QPSK	36	20	23.12	23.14	22.99	
15	QPSK	36	39	23.04	23.15	22.89	
15	QPSK	75	0	23.15	23.00	22.94	
15	16QAM	1	0	23.36	23.40	23.25	24
15	16QAM	1	37	23.31	23.33	23.13	
15	16QAM	1	74	23.16	23.22	23.08	
15	16QAM	36	0	22.39	22.37	22.31	23
15	16QAM	36	20	22.42	22.50	22.29	
15	16QAM	36	39	22.39	22.40	22.25	
15	16QAM	75	0	22.36	22.31	22.29	
15	64QAM	1	0	22.44	22.52	22.44	23
15	64QAM	1	37	22.51	22.53	22.34	
15	64QAM	1	74	22.38	22.50	21.76	
15	64QAM	36	0	21.36	21.36	21.37	22
15	64QAM	36	20	21.38	21.45	21.28	
15	64QAM	36	39	21.36	21.48	21.16	
15	64QAM	75	0	21.40	21.37	21.11	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.98	22.98	22.86	24.2
10	QPSK	1	25	22.91	22.99	22.83	
10	QPSK	1	49	22.91	22.95	22.71	
10	QPSK	25	0	23.02	23.04	22.98	24
10	QPSK	25	12	23.10	23.12	22.99	
10	QPSK	25	25	23.02	23.11	22.91	
10	QPSK	50	0	23.07	23.06	23.00	
10	16QAM	1	0	23.36	23.41	23.23	24
10	16QAM	1	25	23.27	23.33	23.09	
10	16QAM	1	49	23.16	23.23	23.02	
10	16QAM	25	0	22.39	22.36	22.33	23
10	16QAM	25	12	22.42	22.44	22.29	
10	16QAM	25	25	22.35	22.38	22.20	
10	16QAM	50	0	22.37	22.34	22.28	
10	64QAM	1	0	22.49	22.55	22.38	23
10	64QAM	1	25	22.44	22.53	22.33	
10	64QAM	1	49	22.36	22.50	21.75	
10	64QAM	25	0	21.40	21.39	21.29	22
10	64QAM	25	12	21.39	21.48	21.33	
10	64QAM	25	25	21.38	21.48	21.15	
10	64QAM	50	0	21.39	21.41	21.06	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.05	22.98	22.92	24.2
5	QPSK	1	12	22.94	23.01	22.79	
5	QPSK	1	24	22.85	22.94	22.72	
5	QPSK	12	0	23.08	23.08	23.03	24
5	QPSK	12	7	23.06	23.13	22.95	
5	QPSK	12	13	23.09	23.10	22.97	
5	QPSK	25	0	23.12	23.03	22.97	
5	16QAM	1	0	23.31	23.39	23.25	24
5	16QAM	1	12	23.21	23.34	23.08	
5	16QAM	1	24	23.25	23.28	22.98	
5	16QAM	12	0	22.38	22.39	22.25	23
5	16QAM	12	7	22.41	22.51	22.32	
5	16QAM	12	13	22.38	22.36	22.24	
5	16QAM	25	0	22.41	22.37	22.22	
5	64QAM	1	0	22.51	22.49	22.44	23
5	64QAM	1	12	22.49	22.58	22.34	
5	64QAM	1	24	22.37	22.53	21.75	
5	64QAM	12	0	21.39	21.43	21.29	22
5	64QAM	12	7	21.40	21.46	21.30	
5	64QAM	12	13	21.38	21.47	21.19	
5	64QAM	25	0	21.35	21.32	21.11	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.99	22.98	22.84	24.2
3	QPSK	1	8	22.95	22.97	22.75	
3	QPSK	1	14	22.83	22.91	22.72	
3	QPSK	8	0	23.07	23.12	23.02	24
3	QPSK	8	4	23.08	23.18	22.93	
3	QPSK	8	7	23.10	23.09	22.88	
3	QPSK	15	0	23.07	23.06	22.95	
3	16QAM	1	0	23.39	23.44	23.22	24
3	16QAM	1	8	23.24	23.34	23.18	
3	16QAM	1	14	23.20	23.28	23.00	
3	16QAM	8	0	22.32	22.32	22.24	23
3	16QAM	8	4	22.39	22.43	22.32	
3	16QAM	8	7	22.35	22.41	22.19	
3	16QAM	15	0	22.38	22.34	22.25	
3	64QAM	1	0	22.49	22.56	22.44	23
3	64QAM	1	8	22.52	22.58	22.33	
3	64QAM	1	14	22.37	22.53	21.76	
3	64QAM	8	0	21.42	21.35	21.29	22
3	64QAM	8	4	21.44	21.53	21.35	
3	64QAM	8	7	21.37	21.43	21.20	
3	64QAM	15	0	21.35	21.41	21.13	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.97	23.02	22.94	24.2
1.4	QPSK	1	3	22.90	22.97	22.77	
1.4	QPSK	1	5	22.87	22.94	22.70	
1.4	QPSK	3	0	22.93	22.92	22.87	
1.4	QPSK	3	1	22.87	22.97	22.69	
1.4	QPSK	3	3	22.81	22.87	22.60	
1.4	QPSK	6	0	23.16	23.06	23.01	24
1.4	16QAM	1	0	23.33	23.34	23.25	24
1.4	16QAM	1	3	23.22	23.34	23.17	
1.4	16QAM	1	5	23.19	23.30	22.98	
1.4	16QAM	3	0	23.32	23.33	23.21	
1.4	16QAM	3	1	23.14	23.26	23.13	
1.4	16QAM	3	3	23.19	23.24	22.96	
1.4	16QAM	6	0	22.37	22.37	22.27	23
1.4	64QAM	1	0	22.51	22.53	22.44	23
1.4	64QAM	1	3	22.42	22.53	22.29	
1.4	64QAM	1	5	22.39	22.46	21.75	
1.4	64QAM	3	0	22.42	22.48	22.35	
1.4	64QAM	3	1	22.39	22.45	22.22	
1.4	64QAM	3	3	22.36	22.41	21.74	
1.4	64QAM	6	0	21.39	21.35	21.12	21.2

Band 26

Ant 0

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	24.39	24.31	24.28	25
15	QPSK	1	37	24.30	24.29	24.28	
15	QPSK	1	74	24.32	24.29	24.17	
15	QPSK	36	0	23.46	23.45	23.42	24
15	QPSK	36	20	23.54	23.41	23.48	
15	QPSK	36	39	23.47	23.44	23.40	
15	QPSK	75	0	23.50	23.39	23.41	
15	16QAM	1	0	23.68	23.60	23.62	24
15	16QAM	1	37	23.62	23.63	23.61	
15	16QAM	1	74	23.64	23.59	23.47	
15	16QAM	36	0	22.49	22.44	22.45	23
15	16QAM	36	20	22.51	22.43	22.47	
15	16QAM	36	39	22.49	22.46	22.42	
15	16QAM	75	0	22.53	22.43	22.42	
15	64QAM	1	0	22.52	22.49	22.49	23
15	64QAM	1	37	22.58	22.54	22.52	
15	64QAM	1	74	22.57	22.55	22.05	
15	64QAM	36	0	21.50	21.50	21.49	22
15	64QAM	36	20	21.53	21.44	21.51	
15	64QAM	36	39	21.51	21.51	21.47	
15	64QAM	75	0	21.53	21.44	21.45	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.29	24.23	24.27	25
10	QPSK	1	25	24.25	24.27	24.27	
10	QPSK	1	49	24.26	24.21	24.17	
10	QPSK	25	0	23.41	23.42	23.35	24
10	QPSK	25	12	23.49	23.38	23.43	
10	QPSK	25	25	23.42	23.39	23.36	
10	QPSK	50	0	23.43	23.33	23.39	
10	16QAM	1	0	23.60	23.60	23.57	24
10	16QAM	1	25	23.54	23.54	23.53	
10	16QAM	1	49	23.62	23.53	23.42	
10	16QAM	25	0	22.41	22.38	22.40	23
10	16QAM	25	12	22.44	22.37	22.47	
10	16QAM	25	25	22.49	22.40	22.41	
10	16QAM	50	0	22.49	22.39	22.32	
10	64QAM	1	0	22.45	22.41	22.46	23
10	64QAM	1	25	22.49	22.54	22.47	
10	64QAM	1	49	22.54	22.48	22.03	
10	64QAM	25	0	21.50	21.48	21.49	22
10	64QAM	25	12	21.44	21.43	21.51	
10	64QAM	25	25	21.48	21.45	21.37	
10	64QAM	50	0	21.43	21.44	21.38	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.29	24.27	24.19	25
5	QPSK	1	12	24.23	24.28	24.18	
5	QPSK	1	24	24.32	24.30	24.17	
5	QPSK	12	0	23.42	23.37	23.39	24
5	QPSK	12	7	23.51	23.41	23.45	
5	QPSK	12	13	23.47	23.37	23.30	
5	QPSK	25	0	23.43	23.37	23.40	
5	16QAM	1	0	23.68	23.53	23.58	24
5	16QAM	1	12	23.54	23.55	23.56	
5	16QAM	1	24	23.56	23.58	23.44	
5	16QAM	12	0	22.42	22.35	22.37	23
5	16QAM	12	7	22.46	22.42	22.41	
5	16QAM	12	13	22.46	22.41	22.42	
5	16QAM	25	0	22.52	22.41	22.38	
5	64QAM	1	0	22.43	22.45	22.45	23
5	64QAM	1	12	22.54	22.53	22.47	
5	64QAM	1	24	22.55	22.54	21.95	
5	64QAM	12	0	21.47	21.46	21.41	22
5	64QAM	12	7	21.52	21.39	21.48	
5	64QAM	12	13	21.49	21.45	21.45	
5	64QAM	25	0	21.51	21.35	21.39	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.28	24.22	24.24	25
3	QPSK	1	8	24.24	24.25	24.27	
3	QPSK	1	14	24.30	24.29	24.16	
3	QPSK	8	0	23.45	23.42	23.32	24
3	QPSK	8	4	23.53	23.36	23.41	
3	QPSK	8	7	23.47	23.37	23.37	
3	QPSK	15	0	23.43	23.34	23.37	
3	16QAM	1	0	23.64	23.59	23.56	24
3	16QAM	1	8	23.57	23.55	23.61	
3	16QAM	1	14	23.61	23.55	23.41	
3	16QAM	8	0	22.44	22.40	22.43	23
3	16QAM	8	4	22.42	22.36	22.46	
3	16QAM	8	7	22.49	22.40	22.32	
3	16QAM	15	0	22.51	22.33	22.38	
3	64QAM	1	0	22.44	22.40	22.42	23
3	64QAM	1	8	22.50	22.48	22.43	
3	64QAM	1	14	22.57	22.49	21.97	
3	64QAM	8	0	21.45	21.48	21.40	22
3	64QAM	8	4	21.47	21.41	21.44	
3	64QAM	8	7	21.49	21.44	21.42	
3	64QAM	15	0	21.43	21.44	21.39	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.26	24.21	24.25	25
1.4	QPSK	1	3	24.25	24.27	24.25	
1.4	QPSK	1	5	24.29	24.25	24.15	
1.4	QPSK	3	0	24.33	24.15	24.20	
1.4	QPSK	3	1	24.19	24.17	24.16	
1.4	QPSK	3	3	24.27	24.25	24.05	
1.4	QPSK	6	0	23.46	23.38	23.35	24
1.4	16QAM	1	0	23.66	23.50	23.60	24
1.4	16QAM	1	3	23.62	23.63	23.61	
1.4	16QAM	1	5	23.64	23.56	23.45	
1.4	16QAM	3	0	23.58	23.46	23.54	
1.4	16QAM	3	1	23.60	23.63	23.61	
1.4	16QAM	3	3	23.61	23.55	23.40	
1.4	16QAM	6	0	22.50	22.35	22.42	23
1.4	64QAM	1	0	22.42	22.49	22.45	23
1.4	64QAM	1	3	22.51	22.49	22.43	
1.4	64QAM	1	5	22.47	22.54	22.05	
1.4	64QAM	3	0	22.33	22.47	22.38	
1.4	64QAM	3	1	22.45	22.42	22.42	
1.4	64QAM	3	3	22.37	22.47	21.95	
1.4	64QAM	6	0	21.52	21.36	21.40	22

Band 30							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		19.01		19.7
10	QPSK	1	25		18.93		
10	QPSK	1	49		18.92		
10	QPSK	25	0		18.68		19.7
10	QPSK	25	12		18.81		
10	QPSK	25	25		18.73		
10	QPSK	50	0		18.74		
10	16QAM	1	0		18.54		19.7
10	16QAM	1	25		18.51		
10	16QAM	1	49		18.49		
10	16QAM	25	0		18.60		19.7
10	16QAM	25	12		18.68		
10	16QAM	25	25		18.69		
10	16QAM	50	0		18.64		
10	64QAM	1	0		18.84		19.7
10	64QAM	1	25		18.94		
10	64QAM	1	49		18.78		
10	64QAM	25	0		18.67		19.7
10	64QAM	25	12		18.70		
10	64QAM	25	25		18.71		
10	64QAM	50	0		18.68		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	18.85	18.85	18.87	19.7
5	QPSK	1	12	18.90	18.90	18.93	
5	QPSK	1	24	18.86	18.87	18.87	
5	QPSK	12	0	18.57	18.53	18.53	19.7
5	QPSK	12	7	18.53	18.58	18.61	
5	QPSK	12	13	18.62	18.58	18.59	
5	QPSK	25	0	18.57	18.61	18.54	
5	16QAM	1	0	18.54	18.52	18.48	19.7
5	16QAM	1	12	18.48	18.43	18.46	
5	16QAM	1	24	18.42	18.41	18.45	
5	16QAM	12	0	18.56	18.59	18.53	19.7
5	16QAM	12	7	18.66	18.66	18.62	
5	16QAM	12	13	18.62	18.62	18.65	
5	16QAM	25	0	18.54	18.63	18.62	
5	64QAM	1	0	18.82	18.75	18.77	19.7
5	64QAM	1	12	18.93	18.85	18.91	
5	64QAM	1	24	18.75	18.69	18.75	
5	64QAM	12	0	18.67	18.62	18.59	19.7
5	64QAM	12	7	18.65	18.61	18.61	
5	64QAM	12	13	18.65	18.61	18.64	
5	64QAM	25	0	18.61	18.68	18.60	

Band 66

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.83	23.92	23.94	25
20	QPSK	1	49	23.77	23.89	23.83	
20	QPSK	1	99	23.78	23.82	23.75	
20	QPSK	50	0	23.19	23.29	23.25	24
20	QPSK	50	24	23.25	23.26	23.30	
20	QPSK	50	50	23.20	23.30	23.23	
20	QPSK	100	0	23.21	23.23	23.32	
20	16QAM	1	0	23.41	23.59	23.60	24
20	16QAM	1	49	23.41	23.52	23.48	
20	16QAM	1	99	23.46	23.43	23.35	
20	16QAM	50	0	22.19	22.30	22.28	23
20	16QAM	50	24	22.25	22.26	22.33	
20	16QAM	50	50	22.22	22.28	22.26	
20	16QAM	100	0	22.21	22.25	22.33	
20	64QAM	1	0	22.31	22.44	22.44	23
20	64QAM	1	49	22.26	22.32	22.35	
20	64QAM	1	99	22.32	22.33	22.13	
20	64QAM	50	0	21.21	21.17	21.30	22
20	64QAM	50	24	21.27	21.30	21.33	
20	64QAM	50	50	21.23	21.30	21.25	
20	64QAM	100	0	21.25	21.28	21.33	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.73	23.82	23.87	25
15	QPSK	1	37	23.74	23.87	23.76	
15	QPSK	1	74	23.74	23.74	23.65	
15	QPSK	36	0	23.09	23.25	23.24	24
15	QPSK	36	20	23.22	23.19	23.20	
15	QPSK	36	39	23.14	23.28	23.18	
15	QPSK	75	0	23.17	23.21	23.23	
15	16QAM	1	0	23.32	23.49	23.55	24
15	16QAM	1	37	23.34	23.48	23.38	
15	16QAM	1	74	23.39	23.38	23.25	
15	16QAM	36	0	22.16	22.23	22.25	23
15	16QAM	36	20	22.21	22.17	22.27	
15	16QAM	36	39	22.16	22.18	22.21	
15	16QAM	75	0	22.17	22.16	22.25	
15	64QAM	1	0	22.28	22.42	22.36	23
15	64QAM	1	37	22.17	22.24	22.26	
15	64QAM	1	74	22.31	22.29	22.11	
15	64QAM	36	0	21.13	21.16	21.29	22
15	64QAM	36	20	21.26	21.25	21.24	
15	64QAM	36	39	21.16	21.28	21.22	
15	64QAM	75	0	21.16	21.20	21.26	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.80	23.91	23.88	25
10	QPSK	1	25	23.68	23.84	23.75	
10	QPSK	1	49	23.72	23.73	23.75	
10	QPSK	25	0	23.18	23.19	23.25	24
10	QPSK	25	12	23.25	23.22	23.29	
10	QPSK	25	25	23.13	23.24	23.23	
10	QPSK	50	0	23.17	23.14	23.30	
10	16QAM	1	0	23.34	23.54	23.54	24
10	16QAM	1	25	23.37	23.50	23.41	
10	16QAM	1	49	23.43	23.33	23.34	
10	16QAM	25	0	22.19	22.29	22.28	23
10	16QAM	25	12	22.21	22.23	22.27	
10	16QAM	25	25	22.22	22.18	22.25	
10	16QAM	50	0	22.17	22.20	22.23	
10	64QAM	1	0	22.30	22.34	22.36	23
10	64QAM	1	25	22.18	22.25	22.26	
10	64QAM	1	49	22.22	22.25	22.04	
10	64QAM	25	0	21.13	21.12	21.25	22
10	64QAM	25	12	21.20	21.25	21.24	
10	64QAM	25	25	21.14	21.26	21.25	
10	64QAM	50	0	21.16	21.26	21.23	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.79	23.87	23.89	25
5	QPSK	1	12	23.70	23.85	23.78	
5	QPSK	1	24	23.74	23.77	23.70	
5	QPSK	12	0	23.12	23.23	23.21	24
5	QPSK	12	7	23.19	23.17	23.20	
5	QPSK	12	13	23.17	23.26	23.17	
5	QPSK	25	0	23.15	23.17	23.22	
5	16QAM	1	0	23.34	23.55	23.50	24
5	16QAM	1	12	23.38	23.46	23.38	
5	16QAM	1	24	23.40	23.33	23.25	
5	16QAM	12	0	22.18	22.27	22.26	23
5	16QAM	12	7	22.25	22.19	22.24	
5	16QAM	12	13	22.12	22.19	22.18	
5	16QAM	25	0	22.13	22.23	22.24	
5	64QAM	1	0	22.26	22.39	22.35	23
5	64QAM	1	12	22.22	22.23	22.35	
5	64QAM	1	24	22.24	22.28	22.13	
5	64QAM	12	0	21.19	21.15	21.22	22
5	64QAM	12	7	21.22	21.30	21.25	
5	64QAM	12	13	21.21	21.22	21.25	
5	64QAM	25	0	21.24	21.19	21.32	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.76	23.90	23.88	25
3	QPSK	1	8	23.70	23.86	23.77	
3	QPSK	1	14	23.70	23.81	23.72	
3	QPSK	8	0	23.16	23.20	23.16	24
3	QPSK	8	4	23.18	23.23	23.26	
3	QPSK	8	7	23.17	23.30	23.13	
3	QPSK	15	0	23.11	23.23	23.25	
3	16QAM	1	0	23.41	23.52	23.50	24
3	16QAM	1	8	23.39	23.50	23.41	
3	16QAM	1	14	23.44	23.39	23.27	
3	16QAM	8	0	22.12	22.22	22.27	23
3	16QAM	8	4	22.20	22.23	22.33	
3	16QAM	8	7	22.14	22.25	22.16	
3	16QAM	15	0	22.17	22.24	22.26	
3	64QAM	1	0	22.24	22.34	22.38	23
3	64QAM	1	8	22.18	22.27	22.25	
3	64QAM	1	14	22.23	22.32	22.06	
3	64QAM	8	0	21.15	21.11	21.28	22
3	64QAM	8	4	21.23	21.20	21.24	
3	64QAM	8	7	21.21	21.29	21.17	
3	64QAM	15	0	21.16	21.24	21.33	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.80	23.84	23.91	25
1.4	QPSK	1	3	23.73	23.85	23.81	
1.4	QPSK	1	5	23.74	23.76	23.70	
1.4	QPSK	3	0	23.80	23.80	23.81	
1.4	QPSK	3	1	23.68	23.78	23.74	
1.4	QPSK	3	3	23.65	23.70	23.69	
1.4	QPSK	6	0	23.14	23.15	23.22	24
1.4	16QAM	1	0	23.38	23.56	23.51	24
1.4	16QAM	1	3	23.37	23.52	23.41	
1.4	16QAM	1	5	23.46	23.33	23.32	
1.4	16QAM	3	0	23.38	23.54	23.44	
1.4	16QAM	3	1	23.33	23.44	23.36	
1.4	16QAM	3	3	23.38	23.28	23.28	
1.4	16QAM	6	0	22.12	22.20	22.23	23
1.4	64QAM	1	0	22.26	22.35	22.40	23
1.4	64QAM	1	3	22.22	22.22	22.26	
1.4	64QAM	1	5	22.22	22.31	22.12	
1.4	64QAM	3	0	22.19	22.29	22.37	
1.4	64QAM	3	1	22.14	22.13	22.23	
1.4	64QAM	3	3	22.21	22.24	22.10	
1.4	64QAM	6	0	21.24	21.27	21.32	22

Band 71							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.41	24.33	24.29	25
20	QPSK	1	49	24.30	24.32	24.32	
20	QPSK	1	99	24.34	24.33	24.28	
20	QPSK	50	0	23.58	23.49	23.45	24
20	QPSK	50	24	23.53	23.43	23.44	
20	QPSK	50	50	23.49	23.41	23.40	
20	QPSK	100	0	23.50	23.46	23.43	
20	16QAM	1	0	23.77	23.66	23.61	24
20	16QAM	1	49	23.65	23.69	23.67	
20	16QAM	1	99	23.67	23.70	23.59	
20	16QAM	50	0	22.47	22.40	22.40	23
20	16QAM	50	24	22.50	22.43	22.43	
20	16QAM	50	50	22.50	22.52	22.51	
20	16QAM	100	0	22.49	22.42	22.47	
20	64QAM	1	0	22.58	22.44	22.45	23
20	64QAM	1	49	22.54	22.54	22.55	
20	64QAM	1	99	22.58	22.57	22.50	
20	64QAM	50	0	21.48	21.41	21.41	22
20	64QAM	50	24	21.53	21.48	21.47	
20	64QAM	50	50	21.49	21.54	21.55	
20	64QAM	100	0	21.52	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.35	24.19	24.27	25
15	QPSK	1	37	24.23	24.29	24.26	
15	QPSK	1	74	24.34	24.28	24.20	
15	QPSK	36	0	23.39	23.31	23.33	24
15	QPSK	36	20	23.46	23.40	23.41	
15	QPSK	36	39	23.49	23.43	23.45	
15	QPSK	75	0	23.40	23.36	23.45	
15	16QAM	1	0	23.73	23.62	23.53	24
15	16QAM	1	37	23.58	23.63	23.59	
15	16QAM	1	74	23.66	23.69	23.51	
15	16QAM	36	0	22.38	22.34	22.33	23
15	16QAM	36	20	22.40	22.38	22.40	
15	16QAM	36	39	22.42	22.44	22.43	
15	16QAM	75	0	22.45	22.40	22.42	
15	64QAM	1	0	22.53	22.38	22.45	23
15	64QAM	1	37	22.45	22.54	22.54	
15	64QAM	1	74	22.52	22.52	22.40	
15	64QAM	36	0	21.39	21.35	21.33	22
15	64QAM	36	20	21.52	21.48	21.40	
15	64QAM	36	39	21.41	21.53	21.50	
15	64QAM	75	0	21.45	21.32	21.48	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.32	24.26	24.27	25
10	QPSK	1	25	24.27	24.31	24.25	
10	QPSK	1	49	24.26	24.23	24.21	
10	QPSK	25	0	23.39	23.34	23.31	24
10	QPSK	25	12	23.51	23.38	23.36	
10	QPSK	25	25	23.47	23.43	23.45	
10	QPSK	50	0	23.41	23.34	23.42	
10	16QAM	1	0	23.69	23.57	23.54	24
10	16QAM	1	25	23.59	23.65	23.67	
10	16QAM	1	49	23.59	23.63	23.57	
10	16QAM	25	0	22.42	22.40	22.40	23
10	16QAM	25	12	22.43	22.39	22.43	
10	16QAM	25	25	22.43	22.43	22.50	
10	16QAM	50	0	22.46	22.40	22.45	
10	64QAM	1	0	22.48	22.38	22.40	23
10	64QAM	1	25	22.50	22.52	22.50	
10	64QAM	1	49	22.58	22.53	22.49	
10	64QAM	25	0	21.42	21.41	21.37	22
10	64QAM	25	12	21.48	21.48	21.42	
10	64QAM	25	25	21.39	21.48	21.46	
10	64QAM	50	0	21.50	21.36	21.48	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.36	24.21	24.19	25
5	QPSK	1	12	24.24	24.27	24.29	
5	QPSK	1	24	24.28	24.23	24.21	
5	QPSK	12	0	23.42	23.37	23.35	24
5	QPSK	12	7	23.51	23.36	23.43	
5	QPSK	12	13	23.44	23.42	23.47	
5	QPSK	25	0	23.45	23.35	23.40	
5	16QAM	1	0	23.72	23.61	23.54	24
5	16QAM	1	12	23.56	23.69	23.67	
5	16QAM	1	24	23.58	23.62	23.55	
5	16QAM	12	0	22.44	22.38	22.38	23
5	16QAM	12	7	22.45	22.33	22.33	
5	16QAM	12	13	22.43	22.51	22.48	
5	16QAM	25	0	22.41	22.39	22.40	
5	64QAM	1	0	22.48	22.36	22.40	23
5	64QAM	1	12	22.47	22.52	22.55	
5	64QAM	1	24	22.54	22.47	22.48	
5	64QAM	12	0	21.48	21.36	21.36	22
5	64QAM	12	7	21.45	21.47	21.44	
5	64QAM	12	13	21.45	21.47	21.53	
5	64QAM	25	0	21.42	21.37	21.49	

Band 2

Ant 0

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	24.77	24.84	25
20	QPSK	1	49	24.78	24.73	24.63	
20	QPSK	1	99	24.68	24.71	24.74	
20	QPSK	50	0	23.83	23.79	23.78	24
20	QPSK	50	24	23.84	23.81	23.81	
20	QPSK	50	50	23.90	23.89	23.81	
20	QPSK	100	0	23.85	23.89	23.80	
20	16QAM	1	0	23.90	23.90	23.81	24
20	16QAM	1	49	23.90	23.90	23.88	
20	16QAM	1	99	23.88	23.85	23.83	
20	16QAM	50	0	22.86	22.81	22.83	23
20	16QAM	50	24	22.84	22.90	22.83	
20	16QAM	50	50	22.82	22.90	22.82	
20	16QAM	100	0	22.84	22.88	22.81	
20	64QAM	1	0	22.89	22.82	22.88	23
20	64QAM	1	49	22.84	22.86	21.93	
20	64QAM	1	99	22.25	22.86	22.90	
20	64QAM	50	0	21.87	21.82	21.17	22
20	64QAM	50	24	21.87	21.84	21.10	
20	64QAM	50	50	21.35	21.81	21.78	
20	64QAM	100	0	21.89	21.90	21.41	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.69	24.76	24.83	25
15	QPSK	1	37	24.78	24.70	24.53	
15	QPSK	1	74	24.64	24.64	24.74	
15	QPSK	36	0	23.79	23.77	23.75	24
15	QPSK	36	20	23.89	23.81	23.80	
15	QPSK	36	39	23.84	23.89	23.88	
15	QPSK	75	0	23.83	23.81	23.76	
15	16QAM	1	0	23.84	23.80	23.80	24
15	16QAM	1	37	23.87	23.89	23.78	
15	16QAM	1	74	23.88	22.82	23.90	
15	16QAM	36	0	22.82	22.72	22.83	23
15	16QAM	36	20	22.84	22.87	22.82	
15	16QAM	36	39	22.88	22.80	22.82	
15	16QAM	75	0	22.82	22.88	22.79	
15	64QAM	1	0	22.83	22.79	22.90	23
15	64QAM	1	37	22.74	22.81	21.85	
15	64QAM	1	74	22.17	22.84	22.81	
15	64QAM	36	0	21.82	21.73	21.10	22
15	64QAM	36	20	21.84	21.89	21.10	
15	64QAM	36	39	21.26	21.81	21.77	
15	64QAM	75	0	21.85	21.80	21.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.77	24.76	24.77	25
10	QPSK	1	25	24.70	24.64	24.63	
10	QPSK	1	49	24.68	24.64	24.70	
10	QPSK	25	0	23.78	23.73	23.76	24
10	QPSK	25	12	23.90	23.86	23.80	
10	QPSK	25	25	23.81	23.88	23.86	
10	QPSK	50	0	22.81	23.82	23.77	
10	16QAM	1	0	23.90	23.89	23.84	24
10	16QAM	1	25	23.83	23.83	23.85	
10	16QAM	1	49	23.88	23.85	23.89	
10	16QAM	25	0	22.85	22.72	22.83	23
10	16QAM	25	12	22.87	22.86	22.78	
10	16QAM	25	25	22.89	22.89	22.89	
10	16QAM	50	0	22.88	22.78	22.80	
10	64QAM	1	0	22.90	22.75	22.83	23
10	64QAM	1	25	22.79	22.83	21.93	
10	64QAM	1	49	22.23	22.87	22.89	
10	64QAM	25	0	21.85	21.81	21.08	22
10	64QAM	25	12	21.79	21.83	21.07	
10	64QAM	25	25	21.25	21.89	21.72	
10	64QAM	50	0	21.81	21.88	21.39	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.71	24.77	25
5	QPSK	1	12	24.78	24.66	24.63	
5	QPSK	1	24	24.63	24.66	24.64	
5	QPSK	12	0	23.77	23.75	23.68	24
5	QPSK	12	7	23.85	23.85	23.78	
5	QPSK	12	13	23.84	23.86	23.82	
5	QPSK	25	0	23.89	23.89	23.78	
5	16QAM	1	0	23.81	23.83	23.89	24
5	16QAM	1	12	23.89	23.86	23.78	
5	16QAM	1	24	23.82	23.83	23.84	
5	16QAM	12	0	22.86	22.80	22.78	23
5	16QAM	12	7	22.84	22.80	22.73	
5	16QAM	12	13	22.84	22.87	22.86	
5	16QAM	25	0	22.87	22.83	22.78	
5	64QAM	1	0	22.90	22.74	22.85	23
5	64QAM	1	12	22.79	22.85	21.86	
5	64QAM	1	24	22.18	22.84	22.86	
5	64QAM	12	0	21.82	21.75	21.14	22
5	64QAM	12	7	21.81	21.85	21.08	
5	64QAM	12	13	21.29	21.82	21.70	
5	64QAM	25	0	21.83	21.90	21.41	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.78	24.71	24.81	25
3	QPSK	1	8	24.75	24.67	24.58	
3	QPSK	1	14	24.61	24.70	24.74	
3	QPSK	8	0	23.73	23.75	23.68	24
3	QPSK	8	4	23.86	23.84	23.78	
3	QPSK	8	7	23.90	23.87	23.85	
3	QPSK	15	0	23.85	23.84	23.73	
3	16QAM	1	0	23.84	23.80	23.87	24
3	16QAM	1	8	23.86	23.81	23.85	
3	16QAM	1	14	23.86	22.81	22.81	
3	16QAM	8	0	22.85	22.77	22.77	23
3	16QAM	8	4	22.81	22.84	22.81	
3	16QAM	8	7	22.88	22.80	22.83	
3	16QAM	15	0	22.84	22.80	22.77	
3	64QAM	1	0	22.87	22.72	22.83	23
3	64QAM	1	8	22.81	22.82	21.83	
3	64QAM	1	14	22.25	22.87	22.88	
3	64QAM	8	0	21.87	21.80	21.10	22
3	64QAM	8	4	21.86	21.87	21.01	
3	64QAM	8	7	21.27	21.81	21.70	
3	64QAM	15	0	21.79	21.85	21.39	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.75	24.76	24.83	25
1.4	QPSK	1	3	24.77	24.69	24.57	
1.4	QPSK	1	5	24.67	24.63	24.67	
1.4	QPSK	3	0	24.75	24.73	24.83	
1.4	QPSK	3	1	24.67	24.60	24.47	
1.4	QPSK	3	3	24.59	24.63	24.60	
1.4	QPSK	6	0	23.86	23.84	23.76	24
1.4	16QAM	1	0	23.80	23.82	23.82	24
1.4	16QAM	1	3	23.84	23.85	23.80	
1.4	16QAM	1	5	23.86	23.89	23.90	
1.4	16QAM	3	0	23.80	23.82	23.72	
1.4	16QAM	3	1	23.81	23.83	23.76	
1.4	16QAM	3	3	23.82	23.79	23.81	
1.4	16QAM	6	0	22.87	22.82	22.72	23
1.4	64QAM	1	0	22.81	22.76	22.82	23
1.4	64QAM	1	3	22.79	22.86	21.87	
1.4	64QAM	1	5	22.23	22.82	22.90	
1.4	64QAM	3	0	22.90	22.67	22.86	
1.4	64QAM	3	1	22.76	22.87	21.79	
1.4	64QAM	3	3	22.20	22.82	22.85	
1.4	64QAM	6	0	21.86	21.82	21.37	22

Band 4

Ant 0

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	21.69	21.61	21.60	21.7
20	QPSK	1	49	21.49	21.55	21.54	
20	QPSK	1	99	21.56	21.48	21.54	
20	QPSK	50	0	21.50	21.43	21.46	21.7
20	QPSK	50	24	21.51	21.56	21.52	
20	QPSK	50	50	21.39	21.59	20.56	
20	QPSK	100	0	21.58	20.97	21.29	
20	16QAM	1	0	21.59	21.29	21.60	21.7
20	16QAM	1	49	21.52	21.16	21.40	
20	16QAM	1	99	21.57	20.96	21.42	
20	16QAM	50	0	21.50	21.48	21.21	21.7
20	16QAM	50	24	21.56	21.37	21.27	
20	16QAM	50	50	21.56	21.57	21.56	
20	16QAM	100	0	21.57	21.57	21.57	
20	64QAM	1	0	21.42	21.49	21.51	21.7
20	64QAM	1	49	21.30	21.31	21.33	
20	64QAM	1	99	21.33	21.30	21.27	
20	64QAM	50	0	21.46	21.41	21.43	21.7
20	64QAM	50	24	21.50	21.45	21.42	
20	64QAM	50	50	21.48	21.43	21.46	
20	64QAM	100	0	21.49	21.43	21.46	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.65	21.56	21.60	21.7
15	QPSK	1	37	21.42	21.51	21.45	
15	QPSK	1	74	21.56	21.44	21.46	
15	QPSK	36	0	21.40	21.40	21.36	21.7
15	QPSK	36	20	21.51	21.47	21.48	
15	QPSK	36	39	21.37	21.58	20.48	
15	QPSK	75	0	21.54	20.90	21.26	
15	16QAM	1	0	21.50	21.27	21.60	21.7
15	16QAM	1	37	21.49	21.12	21.30	
15	16QAM	1	74	21.48	20.93	21.38	
15	16QAM	36	0	21.42	21.46	21.20	21.7
15	16QAM	36	20	21.55	21.31	21.17	
15	16QAM	36	39	21.47	21.47	21.53	
15	16QAM	75	0	21.55	21.54	21.55	
15	64QAM	1	0	21.41	21.44	21.43	21.7
15	64QAM	1	37	21.30	21.23	21.27	
15	64QAM	1	74	21.28	21.23	21.19	
15	64QAM	36	0	21.36	21.41	21.41	21.7
15	64QAM	36	20	21.49	21.35	21.39	
15	64QAM	36	39	21.39	21.43	21.37	
15	64QAM	75	0	21.45	21.39	21.42	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.67	21.61	21.56	21.7
10	QPSK	1	25	21.45	21.48	21.53	
10	QPSK	1	49	21.47	21.42	21.46	
10	QPSK	25	0	21.46	21.33	21.40	21.7
10	QPSK	25	12	21.41	21.51	21.52	
10	QPSK	25	25	21.38	21.52	20.47	
10	QPSK	50	0	21.56	20.96	21.28	
10	16QAM	1	0	21.56	21.24	21.52	21.7
10	16QAM	1	25	21.45	21.11	21.33	
10	16QAM	1	49	21.47	20.94	21.39	
10	16QAM	25	0	21.49	21.43	21.21	21.7
10	16QAM	25	12	21.56	21.29	21.26	
10	16QAM	25	25	21.53	21.55	21.54	
10	16QAM	50	0	21.48	21.56	21.50	
10	64QAM	1	0	21.41	21.48	21.43	21.7
10	64QAM	1	25	21.29	21.28	21.28	
10	64QAM	1	49	21.25	21.26	21.18	
10	64QAM	25	0	21.40	21.39	21.33	21.7
10	64QAM	25	12	21.49	21.40	21.38	
10	64QAM	25	25	21.38	21.33	21.40	
10	64QAM	50	0	21.44	21.35	21.39	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.67	21.52	21.56	21.7
5	QPSK	1	12	21.40	21.55	21.44	
5	QPSK	1	24	21.56	21.38	21.44	
5	QPSK	12	0	21.44	21.38	21.45	21.7
5	QPSK	12	7	21.44	21.53	21.49	
5	QPSK	12	13	21.39	21.59	20.51	
5	QPSK	25	0	21.56	20.92	21.26	
5	16QAM	1	0	21.55	21.29	21.54	21.7
5	16QAM	1	12	21.51	21.12	21.38	
5	16QAM	1	24	21.48	20.92	21.40	
5	16QAM	12	0	21.45	21.41	21.17	21.7
5	16QAM	12	7	21.52	21.37	21.18	
5	16QAM	12	13	21.46	21.52	21.48	
5	16QAM	25	0	21.47	21.52	21.53	
5	64QAM	1	0	21.34	21.42	21.48	21.7
5	64QAM	1	12	21.26	21.23	21.33	
5	64QAM	1	24	21.23	21.24	21.19	
5	64QAM	12	0	21.36	21.41	21.40	21.7
5	64QAM	12	7	21.48	21.45	21.32	
5	64QAM	12	13	21.40	21.39	21.41	
5	64QAM	25	0	21.40	21.35	21.44	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.67	21.54	21.57	21.7
3	QPSK	1	8	21.40	21.53	21.51	
3	QPSK	1	14	21.51	21.44	21.48	
3	QPSK	8	0	21.48	21.40	21.39	21.7
3	QPSK	8	4	21.50	21.51	21.51	
3	QPSK	8	7	21.39	21.49	20.47	
3	QPSK	15	0	21.56	20.94	21.20	
3	16QAM	1	0	21.55	21.24	21.60	21.7
3	16QAM	1	8	21.51	21.10	21.40	
3	16QAM	1	14	21.49	20.90	21.34	
3	16QAM	8	0	21.44	21.40	21.16	21.7
3	16QAM	8	4	21.46	21.35	21.23	
3	16QAM	8	7	21.55	21.56	21.52	
3	16QAM	15	0	21.55	21.54	21.50	
3	64QAM	1	0	21.38	21.39	21.45	21.7
3	64QAM	1	8	21.20	21.26	21.31	
3	64QAM	1	14	21.26	21.20	21.18	
3	64QAM	8	0	21.46	21.38	21.39	21.7
3	64QAM	8	4	21.47	21.38	21.33	
3	64QAM	8	7	21.41	21.41	21.41	
3	64QAM	15	0	21.47	21.41	21.42	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.68	21.60	21.51	21.7
1.4	QPSK	1	3	21.39	21.54	21.50	
1.4	QPSK	1	5	21.55	21.41	21.54	
1.4	QPSK	3	0	21.43	21.35	21.44	
1.4	QPSK	3	1	21.51	21.48	21.48	
1.4	QPSK	3	3	21.34	21.55	20.48	
1.4	QPSK	6	0	21.57	20.96	21.25	21.7
1.4	16QAM	1	0	21.50	21.25	21.53	21.7
1.4	16QAM	1	3	21.43	21.10	21.36	
1.4	16QAM	1	5	21.50	20.92	21.33	
1.4	16QAM	3	0	21.49	21.43	21.15	
1.4	16QAM	3	1	21.47	21.35	21.27	
1.4	16QAM	3	3	21.55	21.47	21.52	
1.4	16QAM	6	0	21.48	21.53	21.51	21.7
1.4	64QAM	1	0	21.35	21.43	21.43	21.7
1.4	64QAM	1	3	21.26	21.26	21.31	
1.4	64QAM	1	5	21.23	21.28	21.18	
1.4	64QAM	3	0	21.36	21.40	21.42	
1.4	64QAM	3	1	21.41	21.38	21.38	
1.4	64QAM	3	3	21.40	21.35	21.45	
1.4	64QAM	6	0	21.49	21.41	21.36	21.7

Band 5							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.29	24.26	24.33	25
10	QPSK	1	25	24.18	24.17	24.22	
10	QPSK	1	49	24.19	24.23	24.13	
10	QPSK	25	0	23.30	23.32	23.30	24
10	QPSK	25	12	23.38	23.33	23.30	
10	QPSK	25	25	23.34	23.36	23.35	
10	QPSK	50	0	23.39	23.39	23.32	
10	16QAM	1	0	23.66	23.63	23.61	24
10	16QAM	1	25	23.58	23.59	23.57	
10	16QAM	1	49	23.59	23.58	23.53	
10	16QAM	25	0	22.32	22.33	22.29	23
10	16QAM	25	12	22.39	22.29	22.30	
10	16QAM	25	25	22.36	22.35	22.39	
10	16QAM	50	0	22.39	22.37	22.30	
10	64QAM	1	0	22.50	22.50	22.46	23
10	64QAM	1	25	22.54	22.57	22.53	
10	64QAM	1	49	22.48	22.51	21.71	
10	64QAM	25	0	21.34	21.35	21.33	22
10	64QAM	25	12	21.42	21.38	21.36	
10	64QAM	25	25	21.38	21.40	21.13	
10	64QAM	50	0	21.45	21.41	21.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.24	24.22	24.19	25
5	QPSK	1	12	24.11	24.16	24.16	
5	QPSK	1	24	24.19	24.14	24.12	
5	QPSK	12	0	23.24	23.27	23.24	24
5	QPSK	12	7	23.35	23.31	23.29	
5	QPSK	12	13	23.30	23.30	23.33	
5	QPSK	25	0	23.31	23.38	23.26	
5	16QAM	1	0	23.64	23.60	23.60	24
5	16QAM	1	12	23.50	23.53	23.56	
5	16QAM	1	24	23.58	23.55	23.53	
5	16QAM	12	0	22.32	22.26	22.21	23
5	16QAM	12	7	22.30	22.28	22.23	
5	16QAM	12	13	22.26	22.30	22.36	
5	16QAM	25	0	22.34	22.34	22.27	
5	64QAM	1	0	22.44	22.43	22.38	23
5	64QAM	1	12	22.45	22.53	22.47	
5	64QAM	1	24	22.45	22.49	21.61	
5	64QAM	12	0	21.28	21.35	21.29	22
5	64QAM	12	7	21.33	21.32	21.28	
5	64QAM	12	13	21.33	21.31	21.09	
5	64QAM	25	0	21.41	21.36	21.16	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.25	24.25	24.29	25
3	QPSK	1	8	24.12	24.13	24.21	
3	QPSK	1	14	24.13	24.14	24.10	
3	QPSK	8	0	23.26	23.26	23.29	24
3	QPSK	8	4	23.30	23.25	23.26	
3	QPSK	8	7	23.24	23.34	23.26	
3	QPSK	15	0	23.31	23.29	23.22	
3	16QAM	1	0	23.62	23.54	23.54	24
3	16QAM	1	8	23.48	23.54	23.50	
3	16QAM	1	14	23.56	23.54	23.50	
3	16QAM	8	0	22.29	22.30	22.25	23
3	16QAM	8	4	22.38	22.22	22.25	
3	16QAM	8	7	22.30	22.35	22.37	
3	16QAM	15	0	22.37	22.38	22.29	
3	64QAM	1	0	22.47	22.44	22.37	23
3	64QAM	1	8	22.48	22.57	22.53	
3	64QAM	1	14	22.45	22.45	21.68	
3	64QAM	8	0	21.29	21.29	21.27	22
3	64QAM	8	4	21.38	21.32	21.33	
3	64QAM	8	7	21.31	21.37	21.06	
3	64QAM	15	0	21.43	21.37	21.12	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.27	24.26	24.21	25
1.4	QPSK	1	3	24.13	24.16	24.21	
1.4	QPSK	1	5	24.16	24.18	24.13	
1.4	QPSK	3	0	24.19	24.26	24.12	
1.4	QPSK	3	1	24.03	24.09	24.13	
1.4	QPSK	3	3	24.15	24.17	24.04	
1.4	QPSK	6	0	23.33	23.30	23.26	24
1.4	16QAM	1	0	23.66	23.56	23.52	24
1.4	16QAM	1	3	23.49	23.51	23.47	
1.4	16QAM	1	5	23.49	23.49	23.49	
1.4	16QAM	3	0	23.61	23.46	23.50	
1.4	16QAM	3	1	23.43	23.47	23.40	
1.4	16QAM	3	3	23.42	23.47	23.44	
1.4	16QAM	6	0	22.31	22.30	22.29	23
1.4	64QAM	1	0	22.43	22.46	22.40	23
1.4	64QAM	1	3	22.47	22.55	22.52	
1.4	64QAM	1	5	22.39	22.49	21.69	
1.4	64QAM	3	0	22.42	22.37	22.34	
1.4	64QAM	3	1	22.44	22.47	22.42	
1.4	64QAM	3	3	22.36	22.44	21.60	
1.4	64QAM	6	0	21.35	21.38	21.14	22

Band 7

Ant 0

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	23.73	23.77	23.40	24.7
20	QPSK	1	49	23.79	23.81	23.30	
20	QPSK	1	99	24.05	24.00	23.86	
20	QPSK	50	0	23.72	23.74	23.03	24
20	QPSK	50	24	23.87	23.82	22.93	
20	QPSK	50	50	23.69	23.73	23.47	
20	QPSK	100	0	23.81	23.77	22.72	
20	16QAM	1	0	23.85	23.87	22.65	24
20	16QAM	1	49	23.94	23.97	22.47	
20	16QAM	1	99	24.00	23.84	23.57	
20	16QAM	50	0	22.71	22.74	22.09	23
20	16QAM	50	24	22.77	22.81	22.16	
20	16QAM	50	50	22.71	22.88	22.46	
20	16QAM	100	0	22.75	22.81	21.74	
20	64QAM	1	0	22.77	22.42	21.83	23
20	64QAM	1	49	22.86	22.87	21.39	
20	64QAM	1	99	22.50	22.59	21.53	
20	64QAM	50	0	21.73	21.76	20.41	22
20	64QAM	50	24	21.79	21.81	20.42	
20	64QAM	50	50	21.41	21.87	20.39	
20	64QAM	100	0	21.66	21.69	20.67	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.65	23.68	23.31	24.7
15	QPSK	1	37	23.75	23.80	23.24	
15	QPSK	1	74	23.82	23.90	24.00	
15	QPSK	36	0	23.70	23.66	22.97	24
15	QPSK	36	20	23.70	23.74	22.88	
15	QPSK	36	39	23.65	23.81	23.45	
15	QPSK	75	0	23.70	23.72	22.67	
15	16QAM	1	0	23.83	23.77	22.65	24
15	16QAM	1	37	23.85	23.92	22.37	
15	16QAM	1	74	23.95	23.84	23.53	
15	16QAM	36	0	22.67	22.69	22.08	23
15	16QAM	36	20	22.70	22.80	22.06	
15	16QAM	36	39	22.69	22.81	22.38	
15	16QAM	75	0	22.74	22.81	21.69	
15	64QAM	1	0	22.75	22.39	21.80	23
15	64QAM	1	37	22.76	22.84	21.32	
15	64QAM	1	74	22.41	22.55	21.50	
15	64QAM	36	0	21.63	21.75	20.36	22
15	64QAM	36	20	21.79	21.75	20.35	
15	64QAM	36	39	21.41	21.83	20.31	
15	64QAM	75	0	21.62	21.59	20.63	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.69	23.75	23.32	24.7
10	QPSK	1	25	23.76	23.74	23.21	
10	QPSK	1	49	23.78	23.97	23.96	
10	QPSK	25	0	23.68	23.74	23.01	24
10	QPSK	25	12	23.68	23.74	22.84	
10	QPSK	25	25	23.64	23.80	23.47	
10	QPSK	50	0	23.75	23.77	22.68	
10	16QAM	1	0	23.77	23.83	22.64	24
10	16QAM	1	25	23.94	23.92	22.39	
10	16QAM	1	49	23.90	23.76	23.53	
10	16QAM	25	0	22.71	22.67	22.06	23
10	16QAM	25	12	22.70	22.72	22.12	
10	16QAM	25	25	22.70	22.80	22.45	
10	16QAM	50	0	22.70	22.75	21.67	
10	64QAM	1	0	22.70	22.40	21.73	23
10	64QAM	1	25	22.78	22.86	21.34	
10	64QAM	1	49	22.48	22.59	21.51	
10	64QAM	25	0	21.70	21.74	20.36	22
10	64QAM	25	12	21.77	21.78	20.32	
10	64QAM	25	25	21.37	21.86	20.32	
10	64QAM	50	0	21.59	21.60	20.67	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.73	23.73	23.38	24.7
5	QPSK	1	12	23.79	23.77	23.30	
5	QPSK	1	24	23.85	23.99	23.99	
5	QPSK	12	0	23.64	23.64	22.93	24
5	QPSK	12	7	23.67	23.72	22.85	
5	QPSK	12	13	23.62	23.83	23.43	
5	QPSK	25	0	23.70	23.77	22.62	
5	16QAM	1	0	23.75	23.84	22.57	24
5	16QAM	1	12	23.93	23.88	22.47	
5	16QAM	1	24	24.00	23.82	23.52	
5	16QAM	12	0	22.70	22.68	22.06	23
5	16QAM	12	7	22.73	22.81	22.10	
5	16QAM	12	13	22.61	22.79	22.42	
5	16QAM	25	0	22.69	22.74	21.74	
5	64QAM	1	0	22.72	22.34	21.79	23
5	64QAM	1	12	22.83	22.79	21.36	
5	64QAM	1	24	22.43	22.51	21.51	
5	64QAM	12	0	21.63	21.72	20.34	22
5	64QAM	12	7	21.73	21.78	20.33	
5	64QAM	12	13	21.32	21.77	20.32	
5	64QAM	25	0	21.58	21.67	20.59	

Band 12							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.31	24.25	24.23	25
10	QPSK	1	25	24.24	24.29	24.26	
10	QPSK	1	49	24.35	24.34	24.27	
10	QPSK	25	0	23.39	23.43	23.38	24
10	QPSK	25	12	23.50	23.46	23.45	
10	QPSK	25	25	23.44	23.38	23.40	
10	QPSK	50	0	23.48	23.40	23.41	
10	16QAM	1	0	23.66	23.62	23.62	24
10	16QAM	1	25	23.62	23.66	23.65	
10	16QAM	1	49	23.72	23.68	23.68	
10	16QAM	25	0	22.39	22.40	22.40	23
10	16QAM	25	12	22.48	22.41	22.41	
10	16QAM	25	25	22.44	22.46	22.40	
10	16QAM	50	0	22.46	22.41	22.40	
10	64QAM	1	0	22.53	22.46	22.46	23
10	64QAM	1	25	22.58	22.60	22.56	
10	64QAM	1	49	22.64	22.58	22.54	
10	64QAM	25	0	21.44	21.44	21.43	22
10	64QAM	25	12	21.53	21.44	21.45	
10	64QAM	25	25	21.48	21.48	21.47	
10	64QAM	50	0	21.52	21.45	21.42	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.22	24.18	24.20	25
5	QPSK	1	12	24.19	24.29	24.22	
5	QPSK	1	24	24.32	24.25	24.27	
5	QPSK	12	0	23.30	23.41	23.29	24
5	QPSK	12	7	23.40	23.38	23.33	
5	QPSK	12	13	23.38	23.42	23.42	
5	QPSK	25	0	23.46	23.33	23.39	
5	16QAM	1	0	23.59	23.56	23.52	24
5	16QAM	1	12	23.57	23.57	23.60	
5	16QAM	1	24	23.68	23.62	23.62	
5	16QAM	12	0	22.37	22.34	22.35	23
5	16QAM	12	7	22.43	22.32	22.31	
5	16QAM	12	13	22.43	22.42	22.35	
5	16QAM	25	0	22.36	22.33	22.35	
5	64QAM	1	0	22.43	22.37	22.38	23
5	64QAM	1	12	22.57	22.54	22.47	
5	64QAM	1	24	22.61	22.56	22.48	
5	64QAM	12	0	21.37	21.38	21.41	22
5	64QAM	12	7	21.45	21.34	21.45	
5	64QAM	12	13	21.38	21.44	21.43	
5	64QAM	25	0	21.52	21.37	21.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.24	24.19	24.21	25
3	QPSK	1	8	24.22	24.22	24.23	
3	QPSK	1	14	24.26	24.24	24.19	
3	QPSK	8	0	23.33	23.39	23.37	24
3	QPSK	8	4	23.41	23.38	23.40	
3	QPSK	8	7	23.35	23.41	23.42	
3	QPSK	15	0	23.43	23.31	23.31	
3	16QAM	1	0	23.57	23.61	23.57	24
3	16QAM	1	8	23.61	23.60	23.57	
3	16QAM	1	14	23.68	23.67	23.63	
3	16QAM	8	0	22.30	22.30	22.38	23
3	16QAM	8	4	22.40	22.38	22.37	
3	16QAM	8	7	22.42	22.40	22.39	
3	16QAM	15	0	22.40	22.33	22.30	
3	64QAM	1	0	22.48	22.39	22.39	23
3	64QAM	1	8	22.49	22.58	22.51	
3	64QAM	1	14	22.56	22.53	22.44	
3	64QAM	8	0	21.41	21.40	21.39	22
3	64QAM	8	4	21.48	21.43	21.42	
3	64QAM	8	7	21.44	21.48	21.45	
3	64QAM	15	0	21.49	21.43	21.32	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.25	24.25	24.21	25
1.4	QPSK	1	3	24.15	24.25	24.19	
1.4	QPSK	1	5	24.26	24.24	24.21	
1.4	QPSK	3	0	24.24	24.18	24.14	
1.4	QPSK	3	1	24.06	24.16	24.13	
1.4	QPSK	3	3	24.22	24.22	24.21	
1.4	QPSK	6	0	23.38	23.39	23.35	24
1.4	16QAM	1	0	23.57	23.58	23.52	24
1.4	16QAM	1	3	23.55	23.62	23.56	
1.4	16QAM	1	5	23.66	23.65	23.65	
1.4	16QAM	3	0	23.47	23.53	23.50	
1.4	16QAM	3	1	23.55	23.56	23.50	
1.4	16QAM	3	3	23.62	23.62	23.58	
1.4	16QAM	6	0	22.45	22.34	22.35	23
1.4	64QAM	1	0	22.51	22.38	22.38	23
1.4	64QAM	1	3	22.49	22.51	22.52	
1.4	64QAM	1	5	22.61	22.48	22.44	
1.4	64QAM	3	0	22.47	22.31	22.35	
1.4	64QAM	3	1	22.42	22.46	22.46	
1.4	64QAM	3	3	22.59	22.41	22.37	
1.4	64QAM	6	0	21.45	21.41	21.36	22

Band 13							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.36		25
10	QPSK	1	25		24.38		
10	QPSK	1	49		24.47		
10	QPSK	25	0		23.43		24
10	QPSK	25	12		23.53		
10	QPSK	25	25		23.51		
10	QPSK	50	0		23.53		
10	16QAM	1	0		23.71		24
10	16QAM	1	25		23.74		
10	16QAM	1	49		23.74		
10	16QAM	25	0		22.49		23
10	16QAM	25	12		22.54		
10	16QAM	25	25		22.55		
10	16QAM	50	0		22.50		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.71		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.51		22
10	64QAM	25	12		21.56		
10	64QAM	25	25		21.56		
10	64QAM	50	0		21.53		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.29	24.31	24.35	25
5	QPSK	1	12	24.30	24.32	24.33	
5	QPSK	1	24	24.43	24.42	24.45	
5	QPSK	12	0	23.42	23.43	23.40	24
5	QPSK	12	7	23.47	23.41	23.50	
5	QPSK	12	13	23.49	23.53	23.46	
5	QPSK	25	0	23.47	23.45	23.52	
5	16QAM	1	0	23.66	23.66	23.62	24
5	16QAM	1	12	23.65	23.70	23.68	
5	16QAM	1	24	23.64	23.74	23.67	
5	16QAM	12	0	22.39	22.43	22.46	23
5	16QAM	12	7	22.49	22.53	22.51	
5	16QAM	12	13	22.46	22.50	22.53	
5	16QAM	25	0	22.47	22.40	22.49	
5	64QAM	1	0	22.60	22.58	22.56	23
5	64QAM	1	12	22.67	22.65	22.65	
5	64QAM	1	24	22.62	22.59	22.58	
5	64QAM	12	0	21.41	21.45	21.49	22
5	64QAM	12	7	21.49	21.53	21.47	
5	64QAM	12	13	21.56	21.53	21.55	
5	64QAM	25	0	21.48	21.46	21.47	

Band 14							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.41		25
10	QPSK	1	25		24.31		
10	QPSK	1	49		24.29		
10	QPSK	25	0		23.42		24
10	QPSK	25	12		23.41		
10	QPSK	25	25		23.47		
10	QPSK	50	0		23.40		
10	16QAM	1	0		23.76		24
10	16QAM	1	25		23.78		
10	16QAM	1	49		23.69		
10	16QAM	25	0		22.40		23
10	16QAM	25	12		22.44		
10	16QAM	25	25		22.45		
10	16QAM	50	0		22.40		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.68		
10	64QAM	1	49		22.59		
10	64QAM	25	0		21.45		22
10	64QAM	25	12		21.48		
10	64QAM	25	25		21.50		
10	64QAM	50	0		21.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.39	24.32	24.35	25
5	QPSK	1	12	24.22	24.29	24.26	
5	QPSK	1	24	24.24	24.25	24.24	
5	QPSK	12	0	23.34	23.34	23.40	24
5	QPSK	12	7	23.34	23.33	23.38	
5	QPSK	12	13	23.44	23.43	23.46	
5	QPSK	25	0	23.37	23.31	23.32	
5	16QAM	1	0	23.74	23.67	23.76	24
5	16QAM	1	12	23.69	23.68	23.72	
5	16QAM	1	24	23.59	23.64	23.60	
5	16QAM	12	0	22.30	22.32	22.35	23
5	16QAM	12	7	22.38	22.34	22.44	
5	16QAM	12	13	22.36	22.36	22.36	
5	16QAM	25	0	22.37	22.38	22.35	
5	64QAM	1	0	22.58	22.60	22.65	23
5	64QAM	1	12	22.59	22.59	22.63	
5	64QAM	1	24	22.53	22.51	22.49	
5	64QAM	12	0	21.38	21.43	21.37	22
5	64QAM	12	7	21.47	21.39	21.47	
5	64QAM	12	13	21.43	21.43	21.50	
5	64QAM	25	0	21.42	21.41	21.33	

Band 17							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.24	24.16	24.23	25
10	QPSK	1	25	24.23	24.25	24.30	
10	QPSK	1	49	24.28	24.31	24.29	
10	QPSK	25	0	23.33	23.33	23.36	24
10	QPSK	25	12	23.45	23.39	23.39	
10	QPSK	25	25	23.48	23.50	23.48	
10	QPSK	50	0	23.47	23.38	23.37	
10	16QAM	1	0	23.59	23.61	23.61	24
10	16QAM	1	25	23.64	23.66	23.68	
10	16QAM	1	49	23.72	23.70	23.69	
10	16QAM	25	0	22.34	22.34	22.36	23
10	16QAM	25	12	22.45	22.41	22.40	
10	16QAM	25	25	22.44	22.48	22.46	
10	16QAM	50	0	22.46	22.39	22.38	
10	64QAM	1	0	22.50	22.46	22.47	23
10	64QAM	1	25	22.60	22.59	22.59	
10	64QAM	1	49	22.55	22.61	22.59	
10	64QAM	25	0	21.36	21.33	21.36	22
10	64QAM	25	12	21.46	21.46	21.43	
10	64QAM	25	25	21.50	21.51	21.50	
10	64QAM	50	0	21.51	21.43	21.41	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.15	24.10	24.15	25
5	QPSK	1	12	24.17	24.18	24.29	
5	QPSK	1	24	24.18	24.29	24.19	
5	QPSK	12	0	23.33	23.28	23.26	24
5	QPSK	12	7	23.38	23.32	23.31	
5	QPSK	12	13	23.44	23.43	23.47	
5	QPSK	25	0	23.40	23.29	23.35	
5	16QAM	1	0	23.54	23.61	23.59	24
5	16QAM	1	12	23.54	23.64	23.65	
5	16QAM	1	24	23.65	23.66	23.63	
5	16QAM	12	0	22.26	22.31	22.36	23
5	16QAM	12	7	22.43	22.33	22.31	
5	16QAM	12	13	22.37	22.45	22.39	
5	16QAM	25	0	22.36	22.33	22.33	
5	64QAM	1	0	22.44	22.41	22.46	23
5	64QAM	1	12	22.51	22.51	22.56	
5	64QAM	1	24	22.49	22.55	22.57	
5	64QAM	12	0	21.27	21.24	21.36	22
5	64QAM	12	7	21.39	21.40	21.36	
5	64QAM	12	13	21.42	21.51	21.44	
5	64QAM	25	0	21.43	21.37	21.32	

Band 25

Ant 0

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	24.85	24.77	24.61	25
20	QPSK	1	49	24.71	24.74	24.60	
20	QPSK	1	99	24.63	24.73	23.92	
20	QPSK	50	0	23.84	23.80	23.74	24
20	QPSK	50	24	23.78	23.70	23.65	
20	QPSK	50	50	23.82	23.75	23.70	
20	QPSK	100	0	23.85	23.80	23.80	
20	16QAM	1	0	23.82	23.85	23.90	24
20	16QAM	1	49	23.86	23.85	23.90	
20	16QAM	1	99	23.89	23.84	23.25	
20	16QAM	50	0	22.83	22.81	22.74	23
20	16QAM	50	24	22.90	22.81	22.84	
20	16QAM	50	50	22.83	22.85	22.81	
20	16QAM	100	0	22.87	22.87	22.81	
20	64QAM	1	0	22.83	22.45	21.98	23
20	64QAM	1	49	22.56	22.86	22.64	
20	64QAM	1	99	22.04	22.84	21.37	
20	64QAM	50	0	21.85	21.60	20.97	22
20	64QAM	50	24	21.61	21.81	21.31	
20	64QAM	50	50	21.12	21.85	21.25	
20	64QAM	100	0	21.59	21.81	20.95	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.75	24.71	24.59	25
15	QPSK	1	37	24.64	24.73	24.59	
15	QPSK	1	74	24.55	24.65	23.87	
15	QPSK	36	0	23.77	23.80	23.74	24
15	QPSK	36	20	23.86	23.84	23.75	
15	QPSK	36	39	23.80	23.81	23.80	
15	QPSK	75	0	23.82	23.77	23.72	
15	16QAM	1	0	23.84	23.90	23.89	24
15	16QAM	1	37	23.83	23.87	23.85	
15	16QAM	1	74	23.83	23.84	23.16	
15	16QAM	36	0	22.81	22.76	22.72	23
15	16QAM	36	20	22.88	22.83	22.75	
15	16QAM	36	39	22.74	22.84	22.77	
15	16QAM	75	0	22.80	22.87	22.78	
15	64QAM	1	0	22.85	22.41	21.90	23
15	64QAM	1	37	22.46	22.90	22.64	
15	64QAM	1	74	21.95	22.85	21.27	
15	64QAM	36	0	21.80	21.59	20.97	22
15	64QAM	36	20	21.59	21.88	21.27	
15	64QAM	36	39	21.10	21.82	21.24	
15	64QAM	75	0	21.54	21.81	20.90	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.85	24.71	24.53	25
10	QPSK	1	25	24.70	24.73	24.54	
10	QPSK	1	49	24.58	24.70	23.92	
10	QPSK	25	0	23.76	23.74	23.67	24
10	QPSK	25	12	23.78	23.82	23.80	
10	QPSK	25	25	23.79	23.78	23.73	
10	QPSK	50	0	23.90	23.78	23.72	
10	16QAM	1	0	23.87	23.83	23.86	24
10	16QAM	1	25	23.81	23.90	23.85	
10	16QAM	1	49	23.81	23.88	23.23	
10	16QAM	25	0	22.81	22.78	22.64	23
10	16QAM	25	12	22.89	22.81	22.82	
10	16QAM	25	25	22.82	22.75	22.81	
10	16QAM	50	0	22.82	22.81	22.80	
10	64QAM	1	0	22.82	22.41	21.97	23
10	64QAM	1	25	22.52	22.89	22.64	
10	64QAM	1	49	21.97	22.84	21.32	
10	64QAM	25	0	21.78	21.56	20.95	22
10	64QAM	25	12	21.54	21.84	21.25	
10	64QAM	25	25	21.09	21.85	21.18	
10	64QAM	50	0	21.54	21.80	20.86	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.76	24.74	24.54	25
5	QPSK	1	12	24.67	24.74	24.58	
5	QPSK	1	24	24.55	24.70	23.87	
5	QPSK	12	0	23.82	23.78	23.73	24
5	QPSK	12	7	23.80	23.82	23.80	
5	QPSK	12	13	23.81	23.83	23.76	
5	QPSK	25	0	23.90	23.78	23.71	
5	16QAM	1	0	23.90	23.80	23.90	24
5	16QAM	1	12	23.83	23.81	23.90	
5	16QAM	1	24	23.89	23.86	23.17	
5	16QAM	12	0	22.78	22.73	22.66	23
5	16QAM	12	7	22.85	22.81	22.78	
5	16QAM	12	13	22.77	22.78	22.76	
5	16QAM	25	0	22.87	22.84	22.71	
5	64QAM	1	0	22.85	22.40	21.88	23
5	64QAM	1	12	22.49	22.86	22.61	
5	64QAM	1	24	22.01	22.88	21.29	
5	64QAM	12	0	21.77	21.53	20.91	22
5	64QAM	12	7	21.53	21.83	21.27	
5	64QAM	12	13	21.09	21.80	21.21	
5	64QAM	25	0	21.50	21.76	20.94	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.76	24.67	24.60	25
3	QPSK	1	8	24.61	24.70	24.52	
3	QPSK	1	14	24.56	24.72	23.88	
3	QPSK	8	0	23.79	23.79	23.70	24
3	QPSK	8	4	23.80	23.88	23.85	
3	QPSK	8	7	23.77	23.82	23.79	
3	QPSK	15	0	23.87	23.78	23.79	
3	16QAM	1	0	23.85	23.84	23.81	24
3	16QAM	1	8	23.79	23.84	23.89	
3	16QAM	1	14	23.82	23.86	23.22	
3	16QAM	8	0	22.82	22.78	22.73	23
3	16QAM	8	4	22.83	22.90	22.76	
3	16QAM	8	7	22.83	22.81	22.79	
3	16QAM	15	0	22.79	22.86	22.74	
3	64QAM	1	0	22.85	22.36	21.91	23
3	64QAM	1	8	22.47	22.90	22.57	
3	64QAM	1	14	21.98	21.84	21.32	
3	64QAM	8	0	21.82	21.52	20.90	22
3	64QAM	8	4	21.51	21.87	21.24	
3	64QAM	8	7	21.03	21.78	21.16	
3	64QAM	15	0	21.59	21.71	20.90	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.75	24.67	24.54	25
1.4	QPSK	1	3	24.66	24.65	24.56	
1.4	QPSK	1	5	24.60	24.65	23.86	
1.4	QPSK	3	0	24.68	24.65	24.52	
1.4	QPSK	3	1	24.64	24.62	24.54	
1.4	QPSK	3	3	24.60	24.65	23.86	
1.4	QPSK	6	0	23.88	23.83	23.73	24
1.4	16QAM	1	0	23.90	23.89	23.84	24
1.4	16QAM	1	3	23.78	23.89	23.90	
1.4	16QAM	1	5	23.87	23.87	23.23	
1.4	16QAM	3	0	23.89	23.79	23.78	
1.4	16QAM	3	1	23.73	23.82	23.81	
1.4	16QAM	3	3	23.81	23.84	23.15	
1.4	16QAM	6	0	22.82	22.77	22.74	23
1.4	64QAM	1	0	22.83	22.45	21.92	23
1.4	64QAM	1	3	22.55	22.86	22.54	
1.4	64QAM	1	5	21.99	22.81	21.27	
1.4	64QAM	3	0	22.81	22.36	21.90	
1.4	64QAM	3	1	22.55	22.90	22.50	
1.4	64QAM	3	3	21.99	22.88	21.22	
1.4	64QAM	6	0	21.53	21.77	20.85	21.9

Band 26

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.29	24.21	24.20	25
15	QPSK	1	37	24.19	24.18	24.16	
15	QPSK	1	74	24.21	24.17	24.09	
15	QPSK	36	0	23.38	23.33	23.35	24
15	QPSK	36	20	23.40	23.34	23.38	
15	QPSK	36	39	23.40	23.30	23.35	
15	QPSK	75	0	23.41	23.30	23.31	
15	16QAM	1	0	23.62	23.50	23.50	24
15	16QAM	1	37	23.54	23.51	23.52	
15	16QAM	1	74	23.53	23.50	23.37	
15	16QAM	36	0	22.37	22.36	22.36	23
15	16QAM	36	20	22.42	22.32	22.37	
15	16QAM	36	39	22.40	22.36	22.32	
15	16QAM	75	0	22.42	22.32	22.33	
15	64QAM	1	0	22.45	22.34	22.38	23
15	64QAM	1	37	22.47	22.41	22.45	
15	64QAM	1	74	22.41	22.41	21.72	
15	64QAM	36	0	21.41	21.40	21.41	22
15	64QAM	36	20	21.45	21.32	21.41	
15	64QAM	36	39	21.42	21.43	21.41	
15	64QAM	75	0	21.43	21.34	21.34	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.24	24.08	24.17	25
10	QPSK	1	25	24.15	24.17	24.09	
10	QPSK	1	49	24.12	24.12	24.02	
10	QPSK	25	0	23.31	23.30	23.25	24
10	QPSK	25	12	23.35	23.20	23.37	
10	QPSK	25	25	23.40	23.31	23.32	
10	QPSK	50	0	23.38	23.21	23.23	
10	16QAM	1	0	23.58	23.41	23.44	24
10	16QAM	1	25	23.54	23.51	23.50	
10	16QAM	1	49	23.52	23.50	23.31	
10	16QAM	25	0	22.31	22.32	22.28	23
10	16QAM	25	12	22.35	22.31	22.32	
10	16QAM	25	25	22.40	22.34	22.28	
10	16QAM	50	0	22.41	22.25	22.30	
10	64QAM	1	0	22.42	22.26	22.38	23
10	64QAM	1	25	22.42	22.32	22.43	
10	64QAM	1	49	22.35	22.34	21.66	
10	64QAM	25	0	21.35	21.36	21.39	22
10	64QAM	25	12	21.40	21.28	21.41	
10	64QAM	25	25	21.38	21.36	21.32	
10	64QAM	50	0	21.37	21.27	21.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.25	24.13	24.14	25
5	QPSK	1	12	24.17	24.15	24.15	
5	QPSK	1	24	24.19	24.19	24.07	
5	QPSK	12	0	23.35	23.29	23.27	24
5	QPSK	12	7	23.36	23.24	23.35	
5	QPSK	12	13	23.36	23.27	23.26	
5	QPSK	25	0	23.32	23.20	23.23	
5	16QAM	1	0	23.59	23.48	23.41	24
5	16QAM	1	12	23.50	23.48	23.50	
5	16QAM	1	24	23.50	23.49	23.31	
5	16QAM	12	0	22.36	22.27	22.32	23
5	16QAM	12	7	22.32	22.32	22.32	
5	16QAM	12	13	22.33	22.32	22.30	
5	16QAM	25	0	22.41	22.25	22.24	
5	64QAM	1	0	22.38	22.30	22.30	23
5	64QAM	1	12	22.46	22.39	22.43	
5	64QAM	1	24	22.39	22.36	21.62	
5	64QAM	12	0	21.38	21.32	21.40	22
5	64QAM	12	7	21.38	21.23	21.32	
5	64QAM	12	13	21.40	21.42	21.41	
5	64QAM	25	0	21.36	21.31	21.32	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.25	24.11	24.12	25
3	QPSK	1	8	24.10	24.13	24.07	
3	QPSK	1	14	24.18	24.21	24.02	
3	QPSK	8	0	23.38	23.26	23.35	24
3	QPSK	8	4	23.32	23.21	23.31	
3	QPSK	8	7	23.32	23.25	23.25	
3	QPSK	15	0	23.32	23.30	23.25	
3	16QAM	1	0	23.52	23.47	23.43	24
3	16QAM	1	8	23.45	23.44	23.48	
3	16QAM	1	14	23.48	23.41	23.31	
3	16QAM	8	0	22.33	22.35	22.28	23
3	16QAM	8	4	22.32	22.32	22.33	
3	16QAM	8	7	22.38	22.31	22.25	
3	16QAM	15	0	22.39	22.28	22.33	
3	64QAM	1	0	22.37	22.27	22.37	23
3	64QAM	1	8	22.37	22.32	22.38	
3	64QAM	1	14	22.41	22.39	21.67	
3	64QAM	8	0	21.40	21.39	21.38	22
3	64QAM	8	4	21.41	21.29	21.39	
3	64QAM	8	7	21.34	21.38	21.38	
3	64QAM	15	0	21.33	21.29	21.25	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.25	24.12	24.11	25
1.4	QPSK	1	3	24.18	24.16	24.12	
1.4	QPSK	1	5	24.16	24.21	24.01	
1.4	QPSK	3	0	24.16	24.08	24.08	
1.4	QPSK	3	1	24.14	24.10	24.02	
1.4	QPSK	3	3	24.11	24.20	24.00	
1.4	QPSK	6	0	23.38	23.20	23.30	24
1.4	16QAM	1	0	23.59	23.42	23.40	24
1.4	16QAM	1	3	23.44	23.46	23.51	
1.4	16QAM	1	5	23.45	23.49	23.37	
1.4	16QAM	3	0	23.49	23.35	23.38	
1.4	16QAM	3	1	23.41	23.39	23.44	
1.4	16QAM	3	3	23.42	23.47	23.31	
1.4	16QAM	6	0	22.40	22.31	22.27	23
1.4	64QAM	1	0	22.39	22.31	22.34	23
1.4	64QAM	1	3	22.44	22.37	22.42	
1.4	64QAM	1	5	22.41	22.31	21.62	
1.4	64QAM	3	0	22.37	22.25	22.26	
1.4	64QAM	3	1	22.39	22.34	22.35	
1.4	64QAM	3	3	22.40	22.29	21.62	
1.4	64QAM	6	0	21.39	21.32	21.24	22

Band 30							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.18		24.7
10	QPSK	1	25		24.18		
10	QPSK	1	49		24.19		
10	QPSK	25	0		23.20		24
10	QPSK	25	12		23.24		
10	QPSK	25	25		23.29		
10	QPSK	50	0		23.26		
10	16QAM	1	0		23.55		24
10	16QAM	1	25		23.56		
10	16QAM	1	49		23.55		
10	16QAM	25	0		22.23		23
10	16QAM	25	12		22.27		
10	16QAM	25	25		22.27		
10	16QAM	50	0		22.24		
10	64QAM	1	0		22.42		23
10	64QAM	1	25		22.50		
10	64QAM	1	49		22.42		
10	64QAM	25	0		21.24		22
10	64QAM	25	12		21.31		
10	64QAM	25	25		21.30		
10	64QAM	50	0		21.30		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.18	24.13	24.18	24.7
5	QPSK	1	12	24.10	24.16	24.09	
5	QPSK	1	24	24.09	24.10	24.15	
5	QPSK	12	0	23.12	23.20	23.14	24
5	QPSK	12	7	23.15	23.19	23.18	
5	QPSK	12	13	23.28	23.24	23.25	
5	QPSK	25	0	23.22	23.25	23.26	
5	16QAM	1	0	23.52	23.52	23.48	24
5	16QAM	1	12	23.51	23.46	23.48	
5	16QAM	1	24	23.47	23.49	23.54	
5	16QAM	12	0	22.23	22.23	22.20	23
5	16QAM	12	7	22.20	22.20	22.17	
5	16QAM	12	13	22.23	22.26	22.19	
5	16QAM	25	0	22.22	22.24	22.19	
5	64QAM	1	0	22.40	22.41	22.34	23
5	64QAM	1	12	22.40	22.46	22.48	
5	64QAM	1	24	22.40	22.34	22.33	
5	64QAM	12	0	21.23	21.22	21.15	22
5	64QAM	12	7	21.24	21.27	21.21	
5	64QAM	12	13	21.22	21.20	21.23	
5	64QAM	25	0	21.30	21.25	21.26	

Band 66

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.16	21.19	21.16	21.7
20	QPSK	1	49	21.16	21.14	21.18	
20	QPSK	1	99	21.18	21.05	21.05	
20	QPSK	50	0	20.88	20.93	20.96	21.7
20	QPSK	50	24	20.98	20.89	20.92	
20	QPSK	50	50	20.94	20.93	20.94	
20	QPSK	100	0	20.95	20.86	20.94	
20	16QAM	1	0	20.81	20.91	20.96	21.7
20	16QAM	1	49	20.77	20.80	20.79	
20	16QAM	1	99	20.79	20.75	20.77	
20	16QAM	50	0	20.88	20.94	20.91	21.7
20	16QAM	50	24	20.96	20.90	20.89	
20	16QAM	50	50	20.92	20.92	20.93	
20	16QAM	100	0	20.93	20.84	20.88	
20	64QAM	1	0	21.01	20.63	21.10	21.7
20	64QAM	1	49	21.04	20.76	21.08	
20	64QAM	1	99	21.04	21.02	21.05	
20	64QAM	50	0	20.91	21.17	20.50	21.7
20	64QAM	50	24	21.01	21.13	20.25	
20	64QAM	50	50	20.97	20.91	20.52	
20	64QAM	100	0	20.99	21.12	20.63	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.79	20.89	20.88	21.7
15	QPSK	1	37	20.72	20.77	20.74	
15	QPSK	1	74	20.72	20.67	20.67	
15	QPSK	36	0	20.79	20.91	20.90	21.7
15	QPSK	36	20	20.94	20.90	20.82	
15	QPSK	36	39	20.83	20.87	20.84	
15	QPSK	75	0	20.87	20.84	20.88	
15	16QAM	1	0	21.16	21.16	21.12	21.7
15	16QAM	1	37	21.15	21.06	21.10	
15	16QAM	1	74	21.09	20.96	20.99	
15	16QAM	36	0	20.80	20.90	20.88	21.7
15	16QAM	36	20	20.96	20.84	20.84	
15	16QAM	36	39	20.86	20.83	20.89	
15	16QAM	75	0	20.89	20.83	20.84	
15	64QAM	1	0	20.97	20.59	21.00	21.7
15	64QAM	1	37	21.03	20.70	21.00	
15	64QAM	1	74	21.00	20.99	21.00	
15	64QAM	36	0	20.86	21.16	20.47	21.7
15	64QAM	36	20	20.97	21.13	20.17	
15	64QAM	36	39	20.96	20.88	20.47	
15	64QAM	75	0	20.98	21.19	20.54	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.80	20.87	20.92	21.7
10	QPSK	1	25	20.74	20.76	20.71	
10	QPSK	1	49	20.79	20.71	20.72	
10	QPSK	25	0	20.85	20.91	20.90	21.7
10	QPSK	25	12	20.86	20.84	20.89	
10	QPSK	25	25	20.85	20.87	20.92	
10	QPSK	50	0	20.86	20.84	20.79	
10	16QAM	1	0	21.10	21.16	21.16	21.7
10	16QAM	1	25	21.09	21.12	21.15	
10	16QAM	1	49	21.17	21.01	21.01	
10	16QAM	25	0	20.87	20.85	20.91	21.7
10	16QAM	25	12	20.88	20.86	20.87	
10	16QAM	25	25	20.85	20.89	20.86	
10	16QAM	50	0	20.90	20.85	20.86	
10	64QAM	1	0	20.98	20.56	21.03	21.7
10	64QAM	1	25	21.00	20.69	21.08	
10	64QAM	1	49	21.03	20.92	20.98	
10	64QAM	25	0	20.89	21.10	20.43	21.7
10	64QAM	25	12	20.92	21.17	20.15	
10	64QAM	25	25	20.90	20.86	20.49	
10	64QAM	50	0	20.95	21.14	20.55	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.73	20.84	20.95	21.7
5	QPSK	1	12	20.70	20.70	20.72	
5	QPSK	1	24	20.74	20.67	20.70	
5	QPSK	12	0	20.82	20.87	20.82	21.7
5	QPSK	12	7	20.89	20.83	20.79	
5	QPSK	12	13	20.82	20.88	20.91	
5	QPSK	25	0	20.88	20.76	20.84	
5	16QAM	1	0	21.12	21.14	21.11	21.7
5	16QAM	1	12	21.07	21.08	21.11	
5	16QAM	1	24	21.09	21.03	21.05	
5	16QAM	12	0	20.86	20.92	20.94	21.7
5	16QAM	12	7	20.95	20.88	20.86	
5	16QAM	12	13	20.93	20.83	20.88	
5	16QAM	25	0	20.90	20.82	20.85	
5	64QAM	1	0	20.96	20.53	21.07	21.7
5	64QAM	1	12	20.99	20.70	21.05	
5	64QAM	1	24	20.98	20.98	20.97	
5	64QAM	12	0	20.81	21.17	20.47	21.7
5	64QAM	12	7	21.01	21.10	20.23	
5	64QAM	12	13	20.97	20.91	20.42	
5	64QAM	25	0	20.99	21.13	20.63	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.74	20.88	20.87	21.7
3	QPSK	1	8	20.71	20.77	20.71	
3	QPSK	1	14	20.79	20.71	20.74	
3	QPSK	8	0	20.79	20.91	20.83	21.7
3	QPSK	8	4	20.94	20.83	20.83	
3	QPSK	8	7	20.91	20.84	20.92	
3	QPSK	15	0	20.88	20.82	20.86	
3	16QAM	1	0	21.10	21.18	21.11	21.7
3	16QAM	1	8	21.11	21.08	21.14	
3	16QAM	1	14	21.09	20.97	21.04	
3	16QAM	8	0	20.85	20.83	20.87	21.7
3	16QAM	8	4	20.94	20.83	20.92	
3	16QAM	8	7	20.84	20.84	20.85	
3	16QAM	15	0	20.91	20.83	20.90	
3	64QAM	1	0	20.91	20.63	21.01	21.7
3	64QAM	1	8	20.98	20.73	21.07	
3	64QAM	1	14	21.02	21.01	20.95	
3	64QAM	8	0	20.83	21.17	20.43	21.7
3	64QAM	8	4	20.96	21.14	20.18	
3	64QAM	8	7	20.95	20.90	20.42	
3	64QAM	15	0	20.99	21.15	20.63	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.72	20.82	20.94	21.7
1.4	QPSK	1	3	20.74	20.72	20.75	
1.4	QPSK	1	5	20.72	20.74	20.68	
1.4	QPSK	3	0	20.72	20.75	20.93	
1.4	QPSK	3	1	20.64	20.63	20.67	
1.4	QPSK	3	3	20.66	20.68	20.68	
1.4	QPSK	6	0	20.91	20.80	20.82	21.7
1.4	16QAM	1	0	21.15	21.13	21.16	21.7
1.4	16QAM	1	3	21.07	21.09	21.15	
1.4	16QAM	1	5	21.14	21.04	20.96	
1.4	16QAM	3	0	21.11	21.15	21.13	
1.4	16QAM	3	1	21.06	21.05	21.09	
1.4	16QAM	3	3	21.04	20.95	20.87	
1.4	16QAM	6	0	20.87	20.86	20.89	21.7
1.4	64QAM	1	0	20.91	20.61	21.10	21.7
1.4	64QAM	1	3	20.94	20.73	21.00	
1.4	64QAM	1	5	21.01	20.97	20.95	
1.4	64QAM	3	0	20.87	20.55	21.05	
1.4	64QAM	3	1	20.85	20.66	20.93	
1.4	64QAM	3	3	20.92	20.95	20.85	
1.4	64QAM	6	0	20.99	21.10	20.59	21.7

Band 71							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.40	24.34	24.28	25
20	QPSK	1	49	24.30	24.32	24.31	
20	QPSK	1	99	24.30	24.30	24.26	
20	QPSK	50	0	23.45	23.52	23.39	24
20	QPSK	50	24	23.42	23.42	23.46	
20	QPSK	50	50	23.50	23.51	23.50	
20	QPSK	100	0	23.48	23.44	23.48	
20	16QAM	1	0	23.72	23.62	23.64	24
20	16QAM	1	49	23.65	23.69	23.65	
20	16QAM	1	99	23.65	23.69	23.62	
20	16QAM	50	0	22.47	22.42	22.40	23
20	16QAM	50	24	22.52	22.45	22.42	
20	16QAM	50	50	22.51	22.53	22.49	
20	16QAM	100	0	22.46	22.42	22.47	
20	64QAM	1	0	22.60	22.50	22.48	23
20	64QAM	1	49	22.50	22.55	22.52	
20	64QAM	1	99	22.57	22.59	22.50	
20	64QAM	50	0	21.49	21.40	21.41	22
20	64QAM	50	24	21.52	21.47	21.46	
20	64QAM	50	50	21.49	21.53	21.52	
20	64QAM	100	0	21.53	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.33	24.29	24.18	25
15	QPSK	1	37	24.27	24.24	24.25	
15	QPSK	1	74	24.24	24.34	24.17	
15	QPSK	36	0	23.39	23.37	23.31	24
15	QPSK	36	20	23.50	23.38	23.42	
15	QPSK	36	39	23.49	23.51	23.47	
15	QPSK	75	0	23.48	23.36	23.41	
15	16QAM	1	0	23.69	23.56	23.59	24
15	16QAM	1	37	23.59	23.66	23.58	
15	16QAM	1	74	23.65	23.66	23.53	
15	16QAM	36	0	22.43	22.37	22.39	23
15	16QAM	36	20	22.45	22.36	22.35	
15	16QAM	36	39	22.50	22.43	22.47	
15	16QAM	75	0	22.38	22.42	22.39	
15	64QAM	1	0	22.50	22.43	22.38	23
15	64QAM	1	37	22.46	22.45	22.49	
15	64QAM	1	74	22.53	22.50	22.43	
15	64QAM	36	0	21.47	21.37	21.37	22
15	64QAM	36	20	21.47	21.40	21.38	
15	64QAM	36	39	21.41	21.48	21.43	
15	64QAM	75	0	21.46	21.32	21.46	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.35	24.30	24.18	25
10	QPSK	1	25	24.27	24.27	24.23	
10	QPSK	1	49	24.20	24.25	24.24	
10	QPSK	25	0	23.45	23.42	23.32	24
10	QPSK	25	12	23.52	23.32	23.37	
10	QPSK	25	25	23.42	23.47	23.44	
10	QPSK	50	0	23.46	23.36	23.43	
10	16QAM	1	0	23.64	23.60	23.60	24
10	16QAM	1	25	23.63	23.63	23.57	
10	16QAM	1	49	23.57	23.62	23.52	
10	16QAM	25	0	22.43	22.39	22.37	23
10	16QAM	25	12	22.49	22.36	22.32	
10	16QAM	25	25	22.46	22.52	22.43	
10	16QAM	50	0	22.36	22.41	22.43	
10	64QAM	1	0	22.55	22.43	22.46	23
10	64QAM	1	25	22.43	22.47	22.52	
10	64QAM	1	49	22.50	22.54	22.42	
10	64QAM	25	0	21.43	21.37	21.35	22
10	64QAM	25	12	21.46	21.37	21.37	
10	64QAM	25	25	21.44	21.52	21.50	
10	64QAM	50	0	21.47	21.32	21.46	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.32	24.25	24.23	25
5	QPSK	1	12	24.23	24.28	24.28	
5	QPSK	1	24	24.22	24.24	24.18	
5	QPSK	12	0	23.43	23.37	23.36	24
5	QPSK	12	7	23.48	23.39	23.36	
5	QPSK	12	13	23.50	23.45	23.42	
5	QPSK	25	0	23.47	23.39	23.43	
5	16QAM	1	0	23.65	23.62	23.61	24
5	16QAM	1	12	23.59	23.66	23.64	
5	16QAM	1	24	23.59	23.67	23.53	
5	16QAM	12	0	22.38	22.42	22.38	23
5	16QAM	12	7	22.42	22.39	22.34	
5	16QAM	12	13	22.46	22.48	22.45	
5	16QAM	25	0	22.42	22.34	22.37	
5	64QAM	1	0	22.51	22.45	22.46	23
5	64QAM	1	12	22.50	22.52	22.43	
5	64QAM	1	24	22.47	22.57	22.46	
5	64QAM	12	0	21.48	21.36	21.40	22
5	64QAM	12	7	21.44	21.41	21.45	
5	64QAM	12	13	21.46	21.51	21.42	
5	64QAM	25	0	21.43	21.36	21.41	

Band 2

Ant 2							
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	23.62	23.61	23.69	24.2
20	QPSK	1	49	23.62	23.62	23.52	
20	QPSK	1	99	23.54	23.49	23.51	
20	QPSK	50	0	23.35	23.37	23.30	24
20	QPSK	50	24	23.44	23.39	23.30	
20	QPSK	50	50	23.42	23.37	23.27	
20	QPSK	100	0	23.44	23.37	23.30	
20	16QAM	1	0	23.66	23.68	23.59	24
20	16QAM	1	49	23.62	23.64	23.49	
20	16QAM	1	99	23.54	23.55	23.36	
20	16QAM	50	0	22.66	22.67	22.62	23
20	16QAM	50	24	22.74	22.70	22.60	
20	16QAM	50	50	22.72	22.67	22.59	
20	16QAM	100	0	22.72	22.66	22.61	
20	64QAM	1	0	22.84	22.78	22.77	23
20	64QAM	1	49	22.78	22.79	22.66	
20	64QAM	1	99	22.69	22.75	22.53	
20	64QAM	50	0	21.68	21.70	21.64	22
20	64QAM	50	24	21.76	21.71	21.62	
20	64QAM	50	50	21.73	21.71	21.60	
20	64QAM	100	0	21.74	21.66	21.61	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.26	23.29	23.29	24.2
15	QPSK	1	37	23.17	23.18	23.16	
15	QPSK	1	74	23.11	23.10	23.13	
15	QPSK	36	0	23.35	23.33	23.29	24
15	QPSK	36	20	23.44	23.38	23.39	
15	QPSK	36	39	23.38	23.41	23.33	
15	QPSK	75	0	23.37	23.37	23.37	
15	16QAM	1	0	23.66	23.68	23.59	24
15	16QAM	1	37	23.62	23.64	23.49	
15	16QAM	1	74	23.54	23.55	23.36	
15	16QAM	36	0	22.64	22.66	22.65	23
15	16QAM	36	20	22.74	22.69	22.64	
15	16QAM	36	39	22.68	22.62	22.68	
15	16QAM	75	0	22.69	22.70	22.63	
15	64QAM	1	0	22.77	22.83	22.77	23
15	64QAM	1	37	22.70	22.78	22.78	
15	64QAM	1	74	22.63	22.63	22.60	
15	64QAM	36	0	21.61	21.59	21.67	22
15	64QAM	36	20	21.72	21.76	21.68	
15	64QAM	36	39	21.67	21.71	21.67	
15	64QAM	75	0	21.68	21.68	21.72	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.24	23.33	23.27	24.2
10	QPSK	1	25	23.18	23.20	23.16	
10	QPSK	1	49	23.15	23.18	23.10	
10	QPSK	25	0	23.34	23.33	23.28	24
10	QPSK	25	12	23.36	23.34	23.36	
10	QPSK	25	25	23.42	23.42	23.38	
10	QPSK	50	0	23.41	23.37	23.42	
10	16QAM	1	0	23.59	23.65	23.60	24
10	16QAM	1	25	23.55	23.55	23.53	
10	16QAM	1	49	23.47	23.53	23.46	
10	16QAM	25	0	22.65	22.63	22.60	23
10	16QAM	25	12	22.69	22.64	22.66	
10	16QAM	25	25	22.63	22.65	22.68	
10	16QAM	50	0	22.67	22.66	22.72	
10	64QAM	1	0	22.83	22.80	22.74	23
10	64QAM	1	25	22.73	22.69	22.74	
10	64QAM	1	49	22.66	22.59	22.63	
10	64QAM	25	0	21.58	21.64	21.64	22
10	64QAM	25	12	21.67	21.69	21.74	
10	64QAM	25	25	21.72	21.70	21.63	
10	64QAM	50	0	21.72	21.73	21.68	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.32	23.33	23.25	24.2
5	QPSK	1	12	23.19	23.16	23.17	
5	QPSK	1	24	23.09	23.14	23.10	
5	QPSK	12	0	23.28	23.33	23.27	24
5	QPSK	12	7	23.37	23.41	23.44	
5	QPSK	12	13	23.39	23.40	23.37	
5	QPSK	25	0	23.34	23.44	23.36	
5	16QAM	1	0	23.65	23.68	23.67	24
5	16QAM	1	12	23.60	23.52	23.52	
5	16QAM	1	24	23.45	23.48	23.51	
5	16QAM	12	0	22.62	22.57	22.58	23
5	16QAM	12	7	22.66	22.73	22.68	
5	16QAM	12	13	22.62	22.69	22.69	
5	16QAM	25	0	22.69	22.70	22.72	
5	64QAM	1	0	22.79	22.76	22.81	23
5	64QAM	1	12	22.70	22.77	22.71	
5	64QAM	1	24	22.65	22.59	22.68	
5	64QAM	12	0	21.59	21.59	21.64	22
5	64QAM	12	7	21.74	21.71	21.73	
5	64QAM	12	13	21.73	21.70	21.63	
5	64QAM	25	0	21.74	21.72	21.71	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.25	23.33	23.34	24.2
3	QPSK	1	8	23.18	23.21	23.17	
3	QPSK	1	14	23.13	23.10	23.18	
3	QPSK	8	0	23.30	23.27	23.35	24
3	QPSK	8	4	23.35	23.41	23.44	
3	QPSK	8	7	23.39	23.42	23.32	
3	QPSK	15	0	23.36	23.36	23.40	
3	16QAM	1	0	23.65	23.68	23.67	24
3	16QAM	1	8	23.55	23.53	23.52	
3	16QAM	1	14	23.50	23.50	23.48	
3	16QAM	8	0	22.65	22.56	22.66	23
3	16QAM	8	4	22.72	22.74	22.69	
3	16QAM	8	7	22.66	22.70	22.72	
3	16QAM	15	0	22.69	22.63	22.67	
3	64QAM	1	0	22.80	22.84	22.76	23
3	64QAM	1	8	22.69	22.69	22.69	
3	64QAM	1	14	22.59	22.68	22.68	
3	64QAM	8	0	21.58	21.62	21.59	22
3	64QAM	8	4	21.72	21.69	21.73	
3	64QAM	8	7	21.63	21.64	21.63	
3	64QAM	15	0	21.67	21.74	21.67	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.25	23.31	23.31	24.2
1.4	QPSK	1	3	23.16	23.14	23.13	
1.4	QPSK	1	5	23.09	23.09	23.12	
1.4	QPSK	3	0	23.30	23.30	23.30	
1.4	QPSK	3	1	23.39	23.36	23.36	
1.4	QPSK	3	3	23.42	23.32	23.34	
1.4	QPSK	6	0	23.40	23.39	23.37	24
1.4	16QAM	1	0	23.67	23.64	23.62	24
1.4	16QAM	1	3	23.56	23.59	23.59	
1.4	16QAM	1	5	23.44	23.51	23.50	
1.4	16QAM	3	0	23.56	23.66	23.62	
1.4	16QAM	3	1	23.54	23.63	23.68	
1.4	16QAM	3	3	23.64	23.65	23.62	
1.4	16QAM	6	0	23.66	22.66	22.63	23
1.4	64QAM	1	0	22.76	22.81	22.80	23
1.4	64QAM	1	3	22.70	22.69	22.68	
1.4	64QAM	1	5	22.65	22.65	22.63	
1.4	64QAM	3	0	22.64	22.58	22.60	
1.4	64QAM	3	1	22.72	22.74	22.71	
1.4	64QAM	3	3	22.66	22.64	22.66	
1.4	64QAM	6	0	21.67	21.70	21.64	22

Band 4

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.90	23.94	23.98	25
20	QPSK	1	49	23.74	23.76	23.79	
20	QPSK	1	99	23.72	23.75	23.78	
20	QPSK	50	0	23.25	23.28	23.31	24
20	QPSK	50	24	23.27	23.21	23.33	
20	QPSK	50	50	23.21	23.20	23.24	
20	QPSK	100	0	23.25	23.24	23.30	
20	16QAM	1	0	23.54	23.59	23.62	24
20	16QAM	1	49	23.40	23.42	23.46	
20	16QAM	1	99	23.36	23.38	23.40	
20	16QAM	50	0	22.25	22.29	22.32	23
20	16QAM	50	24	22.29	22.23	22.31	
20	16QAM	50	50	22.22	22.22	22.24	
20	16QAM	100	0	22.24	22.21	22.32	
20	64QAM	1	0	22.42	22.48	22.47	23
20	64QAM	1	49	22.30	22.33	22.31	
20	64QAM	1	99	22.32	22.34	22.32	
20	64QAM	50	0	21.27	21.32	21.35	22
20	64QAM	50	24	21.28	21.26	21.34	
20	64QAM	50	50	21.23	21.24	21.28	
20	64QAM	100	0	21.27	21.24	21.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.89	23.94	23.88	25
15	QPSK	1	37	23.65	23.69	23.79	
15	QPSK	1	74	23.62	23.72	23.78	
15	QPSK	36	0	23.16	23.22	23.24	24
15	QPSK	36	20	23.19	23.17	23.25	
15	QPSK	36	39	23.16	23.10	23.24	
15	QPSK	75	0	23.22	23.22	23.25	
15	16QAM	1	0	23.50	23.51	23.55	24
15	16QAM	1	37	23.36	23.35	23.45	
15	16QAM	1	74	23.28	23.29	23.40	
15	16QAM	36	0	22.15	22.28	22.25	23
15	16QAM	36	20	22.22	22.14	22.23	
15	16QAM	36	39	22.17	22.13	22.18	
15	16QAM	75	0	22.15	22.21	22.26	
15	64QAM	1	0	22.33	22.47	22.38	23
15	64QAM	1	37	22.26	22.31	22.31	
15	64QAM	1	74	22.32	22.34	22.30	
15	64QAM	36	0	21.20	21.31	21.35	22
15	64QAM	36	20	21.18	21.23	21.28	
15	64QAM	36	39	21.20	21.19	21.24	
15	64QAM	75	0	21.20	21.23	21.26	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.84	23.85	23.96	25
10	QPSK	1	25	23.73	23.68	23.77	
10	QPSK	1	49	23.68	23.66	23.77	
10	QPSK	25	0	23.25	23.18	23.29	24
10	QPSK	25	12	23.25	23.15	23.31	
10	QPSK	25	25	23.11	23.20	23.21	
10	QPSK	50	0	23.20	23.14	23.21	
10	16QAM	1	0	23.53	23.56	23.52	24
10	16QAM	1	25	23.35	23.33	23.40	
10	16QAM	1	49	23.36	23.35	23.39	
10	16QAM	25	0	22.15	22.25	22.27	23
10	16QAM	25	12	22.20	22.20	22.25	
10	16QAM	25	25	22.13	22.21	22.18	
10	16QAM	50	0	22.23	22.13	22.24	
10	64QAM	1	0	22.32	22.40	22.45	23
10	64QAM	1	25	22.27	22.29	22.25	
10	64QAM	1	49	22.30	22.34	22.24	
10	64QAM	25	0	21.17	21.23	21.26	22
10	64QAM	25	12	21.18	21.25	21.28	
10	64QAM	25	25	21.16	21.16	21.27	
10	64QAM	50	0	21.21	21.15	21.23	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.88	23.90	23.89	25
5	QPSK	1	12	23.67	23.70	23.76	
5	QPSK	1	24	23.63	23.72	23.71	
5	QPSK	12	0	23.25	23.20	23.24	24
5	QPSK	12	7	23.27	23.12	23.28	
5	QPSK	12	13	23.21	23.14	23.23	
5	QPSK	25	0	23.15	23.15	23.25	
5	16QAM	1	0	23.50	23.52	23.55	24
5	16QAM	1	12	23.36	23.34	23.46	
5	16QAM	1	24	23.28	23.29	23.30	
5	16QAM	12	0	22.20	22.25	22.23	23
5	16QAM	12	7	22.28	22.14	22.30	
5	16QAM	12	13	22.20	22.19	22.22	
5	16QAM	25	0	22.23	22.15	22.31	
5	64QAM	1	0	22.34	22.42	22.41	23
5	64QAM	1	12	22.20	22.23	22.28	
5	64QAM	1	24	22.27	22.27	22.27	
5	64QAM	12	0	21.23	21.22	21.33	22
5	64QAM	12	7	21.18	21.21	21.26	
5	64QAM	12	13	21.13	21.22	21.20	
5	64QAM	25	0	21.26	21.21	21.33	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.83	23.88	23.93	25
3	QPSK	1	8	23.73	23.74	23.79	
3	QPSK	1	14	23.67	23.70	23.73	
3	QPSK	8	0	23.23	23.18	23.31	24
3	QPSK	8	4	23.22	23.15	23.33	
3	QPSK	8	7	23.17	23.16	23.23	
3	QPSK	15	0	23.22	23.23	23.24	
3	16QAM	1	0	23.53	23.49	23.56	24
3	16QAM	1	8	23.35	23.33	23.45	
3	16QAM	1	14	23.36	23.30	23.31	
3	16QAM	8	0	22.24	22.19	22.23	23
3	16QAM	8	4	22.19	22.17	22.22	
3	16QAM	8	7	22.17	22.18	22.16	
3	16QAM	15	0	22.16	22.14	22.31	
3	64QAM	1	0	22.42	22.47	22.37	23
3	64QAM	1	8	22.30	22.23	22.29	
3	64QAM	1	14	22.26	22.34	22.27	
3	64QAM	8	0	21.22	21.26	21.27	22
3	64QAM	8	4	21.21	21.26	21.24	
3	64QAM	8	7	21.15	21.15	21.25	
3	64QAM	15	0	21.24	21.19	21.27	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.80	23.93	23.97	25
1.4	QPSK	1	3	23.69	23.67	23.74	
1.4	QPSK	1	5	23.72	23.75	23.72	
1.4	QPSK	3	0	23.78	23.88	23.92	
1.4	QPSK	3	1	23.64	23.64	23.67	
1.4	QPSK	3	3	23.72	23.69	23.68	
1.4	QPSK	6	0	23.24	23.21	23.28	24
1.4	16QAM	1	0	23.49	23.59	23.57	24
1.4	16QAM	1	3	23.39	23.34	23.45	
1.4	16QAM	1	5	23.29	23.29	23.30	
1.4	16QAM	3	0	23.46	23.49	23.49	
1.4	16QAM	3	1	23.32	23.29	23.42	
1.4	16QAM	3	3	23.27	23.21	23.23	
1.4	16QAM	6	0	22.21	22.15	22.22	23
1.4	64QAM	1	0	22.39	22.46	22.43	23
1.4	64QAM	1	3	22.29	22.26	22.26	
1.4	64QAM	1	5	22.23	22.31	22.28	
1.4	64QAM	3	0	22.29	22.42	22.39	
1.4	64QAM	3	1	22.25	22.24	22.20	
1.4	64QAM	3	3	22.19	22.27	22.28	
1.4	64QAM	6	0	21.25	21.19	21.28	22

Band 5							
Ant 0							
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	24.40	24.37	24.38	25
10	QPSK	1	25	24.27	24.29	24.30	
10	QPSK	1	49	24.32	24.33	24.28	
10	QPSK	25	0	23.43	23.41	23.40	24
10	QPSK	25	12	23.49	23.41	23.42	
10	QPSK	25	25	23.46	23.44	23.45	
10	QPSK	50	0	23.50	23.50	23.39	
10	16QAM	1	0	23.77	23.74	23.72	24
10	16QAM	1	25	23.69	23.70	23.66	
10	16QAM	1	49	23.69	23.66	23.61	
10	16QAM	25	0	22.44	22.42	22.40	23
10	16QAM	25	12	22.52	22.41	22.39	
10	16QAM	25	25	22.46	22.43	22.40	
10	16QAM	50	0	22.53	22.48	22.41	
10	64QAM	1	0	22.58	22.58	22.57	23
10	64QAM	1	25	22.64	22.63	22.46	
10	64QAM	1	49	22.56	22.60	22.11	
10	64QAM	25	0	21.44	21.43	21.45	22
10	64QAM	25	12	21.55	21.44	21.45	
10	64QAM	25	25	21.51	21.48	21.08	
10	64QAM	50	0	21.54	21.52	21.32	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.34	24.37	24.34	25
5	QPSK	1	12	24.22	24.21	24.22	
5	QPSK	1	24	24.24	24.31	24.26	
5	QPSK	12	0	23.38	23.35	23.35	24
5	QPSK	12	7	23.46	23.31	23.33	
5	QPSK	12	13	23.37	23.39	23.41	
5	QPSK	25	0	23.42	23.43	23.31	
5	16QAM	1	0	23.73	23.68	23.71	24
5	16QAM	1	12	23.68	23.70	23.59	
5	16QAM	1	24	23.64	23.56	23.59	
5	16QAM	12	0	22.37	22.37	22.33	23
5	16QAM	12	7	22.46	22.41	22.33	
5	16QAM	12	13	22.38	22.35	22.33	
5	16QAM	25	0	22.48	22.38	22.39	
5	64QAM	1	0	22.48	22.58	22.50	23
5	64QAM	1	12	22.61	22.58	22.41	
5	64QAM	1	24	22.54	22.52	22.07	
5	64QAM	12	0	21.36	21.34	21.44	22
5	64QAM	12	7	21.55	21.40	21.43	
5	64QAM	12	13	21.45	21.48	21.05	
5	64QAM	25	0	21.44	21.52	21.25	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.32	24.27	24.32	25
3	QPSK	1	8	24.19	24.23	24.30	
3	QPSK	1	14	24.26	24.27	24.25	
3	QPSK	8	0	23.42	23.41	23.31	24
3	QPSK	8	4	23.46	23.37	23.35	
3	QPSK	8	7	23.37	23.39	23.35	
3	QPSK	15	0	23.42	23.49	23.36	
3	16QAM	1	0	23.72	23.66	23.69	24
3	16QAM	1	8	23.66	23.65	23.65	
3	16QAM	1	14	23.65	23.59	23.56	
3	16QAM	8	0	22.44	22.32	22.36	23
3	16QAM	8	4	22.51	22.33	22.34	
3	16QAM	8	7	22.46	22.43	22.34	
3	16QAM	15	0	22.53	22.44	22.37	
3	64QAM	1	0	22.51	22.54	22.47	23
3	64QAM	1	8	22.57	22.63	22.44	
3	64QAM	1	14	22.48	22.50	22.09	
3	64QAM	8	0	21.39	21.40	21.40	22
3	64QAM	8	4	21.46	21.43	21.35	
3	64QAM	8	7	21.51	21.45	21.05	
3	64QAM	15	0	21.45	21.43	21.27	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.30	24.33	24.36	25
1.4	QPSK	1	3	24.20	24.24	24.27	
1.4	QPSK	1	5	24.32	24.29	24.24	
1.4	QPSK	3	0	24.22	24.32	24.32	
1.4	QPSK	3	1	24.10	24.24	24.27	
1.4	QPSK	3	3	24.29	24.19	24.18	
1.4	QPSK	6	0	23.44	23.41	23.30	24
1.4	16QAM	1	0	23.76	23.71	23.70	24
1.4	16QAM	1	3	23.62	23.63	23.56	
1.4	16QAM	1	5	23.63	23.61	23.60	
1.4	16QAM	3	0	23.76	23.64	23.63	
1.4	16QAM	3	1	23.53	23.55	23.50	
1.4	16QAM	3	3	23.60	23.55	23.54	
1.4	16QAM	6	0	22.52	22.40	22.40	23
1.4	64QAM	1	0	22.52	22.52	22.52	23
1.4	64QAM	1	3	22.54	22.57	22.45	
1.4	64QAM	1	5	22.53	22.50	22.01	
1.4	64QAM	3	0	22.44	22.48	22.50	
1.4	64QAM	3	1	22.51	22.52	22.42	
1.4	64QAM	3	3	22.52	22.49	21.96	
1.4	64QAM	6	0	21.49	21.50	21.32	22

Band 7							
Ant 2							
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	21.40	21.42	21.43	22.3
20	QPSK	1	49	21.26	21.39	21.30	
20	QPSK	1	99	21.31	21.21	21.24	
20	QPSK	50	0	21.35	21.36	21.39	22.3
20	QPSK	50	24	21.27	21.35	21.30	
20	QPSK	50	50	21.32	21.32	21.31	
20	QPSK	100	0	21.31	21.33	21.37	
20	16QAM	1	0	21.39	21.21	21.24	22.3
20	16QAM	1	49	21.36	21.26	21.25	
20	16QAM	1	99	21.34	21.39	21.39	
20	16QAM	50	0	21.33	21.28	21.24	22.3
20	16QAM	50	24	21.21	21.24	21.28	
20	16QAM	50	50	21.38	21.38	21.36	
20	16QAM	100	0	21.32	21.25	21.21	
20	64QAM	1	0	21.29	21.35	21.40	22.3
20	64QAM	1	49	21.27	21.28	21.32	
20	64QAM	1	99	21.28	21.24	21.22	
20	64QAM	50	0	21.17	21.02	21.17	22
20	64QAM	50	24	21.11	21.13	21.17	
20	64QAM	50	50	21.16	21.19	21.15	
20	64QAM	100	0	21.11	21.20	21.00	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.40	21.36	21.35	22.3
15	QPSK	1	37	21.23	21.36	21.29	
15	QPSK	1	74	21.31	21.14	21.23	
15	QPSK	36	0	21.27	21.28	21.34	22.3
15	QPSK	36	20	21.25	21.32	21.22	
15	QPSK	36	39	21.29	21.29	21.27	
15	QPSK	75	0	21.25	21.30	21.35	
15	16QAM	1	0	21.31	21.20	21.21	22.3
15	16QAM	1	37	21.36	21.18	21.21	
15	16QAM	1	74	21.26	21.34	21.35	
15	16QAM	36	0	21.33	21.19	21.14	22.3
15	16QAM	36	20	21.12	21.14	21.25	
15	16QAM	36	39	21.30	21.37	21.28	
15	16QAM	75	0	21.29	21.16	21.12	
15	64QAM	1	0	21.27	21.31	21.33	22.3
15	64QAM	1	37	21.22	21.24	21.32	
15	64QAM	1	74	21.28	21.14	21.15	
15	64QAM	36	0	21.08	20.99	21.13	22
15	64QAM	36	20	21.07	21.03	21.16	
15	64QAM	36	39	21.06	21.16	21.12	
15	64QAM	75	0	21.11	21.13	20.99	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.38	21.36	21.42	22.3
10	QPSK	1	25	21.23	21.35	21.20	
10	QPSK	1	49	21.29	21.13	21.24	
10	QPSK	25	0	21.27	21.26	21.33	22.3
10	QPSK	25	12	21.17	21.34	21.20	
10	QPSK	25	25	21.28	21.22	21.21	
10	QPSK	50	0	21.22	21.26	21.29	
10	16QAM	1	0	21.38	21.21	21.19	22.3
10	16QAM	1	25	21.33	21.19	21.23	
10	16QAM	1	49	21.24	21.37	21.38	
10	16QAM	25	0	21.24	21.22	21.22	22.3
10	16QAM	25	12	21.18	21.14	21.24	
10	16QAM	25	25	21.35	21.31	21.34	
10	16QAM	50	0	21.26	21.17	21.15	
10	64QAM	1	0	21.19	21.30	21.34	22.3
10	64QAM	1	25	21.22	21.21	21.27	
10	64QAM	1	49	21.28	21.21	21.21	
10	64QAM	25	0	21.11	20.92	21.07	22
10	64QAM	25	12	21.04	21.09	21.13	
10	64QAM	25	25	21.10	21.14	21.07	
10	64QAM	50	0	21.09	21.20	20.97	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.39	21.36	21.35	22.3
5	QPSK	1	12	21.16	21.35	21.23	
5	QPSK	1	24	21.24	21.14	21.21	
5	QPSK	12	0	21.35	21.34	21.31	22.3
5	QPSK	12	7	21.27	21.26	21.25	
5	QPSK	12	13	21.29	21.28	21.23	
5	QPSK	25	0	21.25	21.30	21.34	
5	16QAM	1	0	21.30	21.13	21.24	22.3
5	16QAM	1	12	21.33	21.22	21.16	
5	16QAM	1	24	21.24	21.38	21.34	
5	16QAM	12	0	21.24	21.28	21.23	22.3
5	16QAM	12	7	21.11	21.17	21.27	
5	16QAM	12	13	21.37	21.32	21.31	
5	16QAM	25	0	21.24	21.18	21.11	
5	64QAM	1	0	21.28	21.25	21.36	22.3
5	64QAM	1	12	21.26	21.20	21.32	
5	64QAM	1	24	21.20	21.23	21.14	
5	64QAM	12	0	21.14	20.97	21.13	22
5	64QAM	12	7	21.11	21.10	21.09	
5	64QAM	12	13	21.15	21.13	21.14	
5	64QAM	25	0	21.06	21.20	20.96	

Band 12

Ant 0

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	24.32	24.27	24.27	25
10	QPSK	1	25	24.30	24.30	24.33	
10	QPSK	1	49	24.37	24.38	24.31	
10	QPSK	25	0	23.43	23.46	23.43	24
10	QPSK	25	12	23.50	23.42	23.45	
10	QPSK	25	25	23.51	23.53	23.50	
10	QPSK	50	0	23.52	23.46	23.47	
10	16QAM	1	0	23.73	23.65	23.64	24
10	16QAM	1	25	23.70	23.72	23.69	
10	16QAM	1	49	23.77	23.74	23.72	
10	16QAM	25	0	22.44	22.46	22.47	23
10	16QAM	25	12	22.51	22.47	22.46	
10	16QAM	25	25	22.49	22.51	22.51	
10	16QAM	50	0	22.53	22.47	22.44	
10	64QAM	1	0	22.53	22.47	22.49	23
10	64QAM	1	25	22.61	22.64	22.61	
10	64QAM	1	49	22.67	22.60	22.60	
10	64QAM	25	0	21.46	21.47	21.48	22
10	64QAM	25	12	21.56	21.49	21.49	
10	64QAM	25	25	21.51	21.55	21.53	
10	64QAM	50	0	21.55	21.48	21.49	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.31	24.26	24.21	25
5	QPSK	1	12	24.22	24.21	24.24	
5	QPSK	1	24	24.36	24.30	24.25	
5	QPSK	12	0	23.40	23.46	23.42	24
5	QPSK	12	7	23.46	23.40	23.41	
5	QPSK	12	13	23.48	23.43	23.46	
5	QPSK	25	0	23.48	23.42	23.47	
5	16QAM	1	0	23.71	23.63	23.59	24
5	16QAM	1	12	23.69	23.62	23.61	
5	16QAM	1	24	23.76	23.72	23.65	
5	16QAM	12	0	22.34	22.38	22.43	23
5	16QAM	12	7	22.46	22.43	22.43	
5	16QAM	12	13	22.39	22.43	22.45	
5	16QAM	25	0	22.47	22.44	22.36	
5	64QAM	1	0	22.49	22.46	22.49	23
5	64QAM	1	12	22.58	22.61	22.57	
5	64QAM	1	24	22.63	22.50	22.54	
5	64QAM	12	0	21.38	21.40	21.46	22
5	64QAM	12	7	21.55	21.46	21.45	
5	64QAM	12	13	21.46	21.51	21.43	
5	64QAM	25	0	21.49	21.38	21.41	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.28	24.17	24.21	25
3	QPSK	1	8	24.20	24.29	24.27	
3	QPSK	1	14	24.32	24.28	24.23	
3	QPSK	8	0	23.40	23.38	23.39	24
3	QPSK	8	4	23.44	23.41	23.40	
3	QPSK	8	7	23.41	23.42	23.50	
3	QPSK	15	0	23.42	23.38	23.38	
3	16QAM	1	0	23.71	23.56	23.63	24
3	16QAM	1	8	23.61	23.68	23.63	
3	16QAM	1	14	23.73	23.73	23.72	
3	16QAM	8	0	22.41	22.37	22.41	23
3	16QAM	8	4	22.42	22.45	22.45	
3	16QAM	8	7	22.46	22.43	22.51	
3	16QAM	15	0	22.51	22.45	22.43	
3	64QAM	1	0	22.46	22.37	22.40	23
3	64QAM	1	8	22.56	22.60	22.59	
3	64QAM	1	14	22.59	22.51	22.60	
3	64QAM	8	0	21.40	21.37	21.47	22
3	64QAM	8	4	21.48	21.43	21.49	
3	64QAM	8	7	21.51	21.54	21.44	
3	64QAM	15	0	21.54	21.45	21.41	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.29	24.18	24.23	25
1.4	QPSK	1	3	24.24	24.30	24.29	
1.4	QPSK	1	5	24.29	24.28	24.27	
1.4	QPSK	3	0	24.23	24.11	24.15	
1.4	QPSK	3	1	24.14	24.22	24.23	
1.4	QPSK	3	3	24.19	24.18	24.22	
1.4	QPSK	6	0	23.51	23.37	23.41	24
1.4	16QAM	1	0	23.69	23.60	23.63	24
1.4	16QAM	1	3	23.66	23.68	23.65	
1.4	16QAM	1	5	23.75	23.69	23.68	
1.4	16QAM	3	0	23.65	23.50	23.63	
1.4	16QAM	3	1	23.62	23.63	23.61	
1.4	16QAM	3	3	23.69	23.62	23.58	
1.4	16QAM	6	0	22.44	22.44	22.35	23
1.4	64QAM	1	0	22.48	22.47	22.48	23
1.4	64QAM	1	3	22.55	22.61	22.61	
1.4	64QAM	1	5	22.58	22.53	22.57	
1.4	64QAM	3	0	22.38	22.40	22.40	
1.4	64QAM	3	1	22.51	22.59	22.52	
1.4	64QAM	3	3	22.58	22.53	22.53	
1.4	64QAM	6	0	21.50	21.38	21.46	22

Band 13							
Ant 0							
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		24.52		25
10	QPSK	1	25		24.48		
10	QPSK	1	49		24.45		
10	QPSK	25	0		23.54		24
10	QPSK	25	12		23.56		
10	QPSK	25	25		23.61		
10	QPSK	50	0		23.60		
10	16QAM	1	0		23.79		24
10	16QAM	1	25		23.82		
10	16QAM	1	49		23.82		
10	16QAM	25	0		22.56		23
10	16QAM	25	12		22.62		
10	16QAM	25	25		22.63		
10	16QAM	50	0		22.58		
10	64QAM	1	0		22.74		23
10	64QAM	1	25		22.72		
10	64QAM	1	49		22.75		
10	64QAM	25	0		21.58		22
10	64QAM	25	12		21.64		
10	64QAM	25	25		21.64		
10	64QAM	50	0		21.59		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.38	24.36	24.39	25
5	QPSK	1	12	24.43	24.48	24.40	
5	QPSK	1	24	24.47	24.48	24.42	
5	QPSK	12	0	23.53	23.45	23.50	24
5	QPSK	12	7	23.56	23.56	23.47	
5	QPSK	12	13	23.57	23.60	23.54	
5	QPSK	25	0	23.51	23.55	23.59	
5	16QAM	1	0	23.69	23.74	23.76	24
5	16QAM	1	12	23.81	23.72	23.77	
5	16QAM	1	24	23.80	23.72	23.73	
5	16QAM	12	0	22.51	22.50	22.53	23
5	16QAM	12	7	22.54	22.55	22.60	
5	16QAM	12	13	22.61	22.56	22.60	
5	16QAM	25	0	22.50	22.52	22.56	
5	64QAM	1	0	22.71	22.65	22.72	23
5	64QAM	1	12	22.71	22.69	22.64	
5	64QAM	1	24	22.75	22.65	22.66	
5	64QAM	12	0	21.55	21.50	21.51	22
5	64QAM	12	7	21.58	21.63	21.56	
5	64QAM	12	13	21.63	21.57	21.59	
5	64QAM	25	0	21.59	21.49	21.59	

Band 14							
Ant 0							
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		24.45		25
10	QPSK	1	25		24.40		
10	QPSK	1	49		24.35		
10	QPSK	25	0		23.49		24
10	QPSK	25	12		23.52		
10	QPSK	25	25		23.56		
10	QPSK	50	0		23.48		
10	16QAM	1	0		23.89		24
10	16QAM	1	25		23.76		
10	16QAM	1	49		23.78		
10	16QAM	25	0		22.50		23
10	16QAM	25	12		22.51		
10	16QAM	25	25		22.54		
10	16QAM	50	0		22.48		
10	64QAM	1	0		22.70		23
10	64QAM	1	25		22.76		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.53		22
10	64QAM	25	12		21.53		
10	64QAM	25	25		21.59		
10	64QAM	50	0		21.51		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.38	24.44	24.43	25
5	QPSK	1	12	24.41	24.36	24.42	
5	QPSK	1	24	24.30	24.27	24.31	
5	QPSK	12	0	23.39	23.43	23.43	24
5	QPSK	12	7	23.49	23.44	23.47	
5	QPSK	12	13	23.55	23.46	23.55	
5	QPSK	25	0	23.42	23.43	23.48	
5	16QAM	1	0	23.82	23.81	23.87	24
5	16QAM	1	12	23.68	23.68	23.69	
5	16QAM	1	24	23.70	23.70	23.78	
5	16QAM	12	0	22.50	22.41	22.41	23
5	16QAM	12	7	22.41	22.50	22.46	
5	16QAM	12	13	22.51	22.49	22.51	
5	16QAM	25	0	22.41	22.48	22.39	
5	64QAM	1	0	22.70	22.61	22.65	23
5	64QAM	1	12	22.75	22.68	22.75	
5	64QAM	1	24	22.60	22.63	22.54	
5	64QAM	12	0	21.51	21.47	21.46	22
5	64QAM	12	7	21.44	21.47	21.47	
5	64QAM	12	13	21.50	21.54	21.54	
5	64QAM	25	0	21.42	21.49	21.51	

Band 17

Ant 0

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	24.28	24.29	24.25	25
10	QPSK	1	25	24.33	24.32	24.31	
10	QPSK	1	49	24.38	24.37	24.32	
10	QPSK	25	0	23.38	23.38	23.37	24
10	QPSK	25	12	23.54	23.45	23.44	
10	QPSK	25	25	23.54	23.54	23.54	
10	QPSK	50	0	23.52	23.43	23.43	
10	16QAM	1	0	23.65	23.64	23.64	24
10	16QAM	1	25	23.69	23.69	23.71	
10	16QAM	1	49	23.71	23.73	23.70	
10	16QAM	25	0	22.38	22.39	22.40	23
10	16QAM	25	12	22.54	22.45	22.45	
10	16QAM	25	25	22.54	22.58	22.51	
10	16QAM	50	0	22.52	22.43	22.41	
10	64QAM	1	0	22.56	22.51	22.53	23
10	64QAM	1	25	22.64	22.64	22.66	
10	64QAM	1	49	22.64	22.64	22.62	
10	64QAM	25	0	21.43	21.42	21.43	22
10	64QAM	25	12	21.58	21.50	21.49	
10	64QAM	25	25	21.57	21.55	21.57	
10	64QAM	50	0	21.54	21.46	21.44	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.20	24.23	24.22	25
5	QPSK	1	12	24.23	24.32	24.28	
5	QPSK	1	24	24.31	24.33	24.27	
5	QPSK	12	0	23.33	23.29	23.31	24
5	QPSK	12	7	23.48	23.45	23.43	
5	QPSK	12	13	23.48	23.53	23.45	
5	QPSK	25	0	23.51	23.38	23.39	
5	16QAM	1	0	23.63	23.62	23.59	24
5	16QAM	1	12	23.68	23.61	23.68	
5	16QAM	1	24	23.68	23.73	23.65	
5	16QAM	12	0	22.34	22.29	22.31	23
5	16QAM	12	7	22.44	22.35	22.45	
5	16QAM	12	13	22.54	22.55	22.45	
5	16QAM	25	0	22.42	22.40	22.35	
5	64QAM	1	0	22.48	22.44	22.53	23
5	64QAM	1	12	22.60	22.54	22.62	
5	64QAM	1	24	22.61	22.54	22.54	
5	64QAM	12	0	21.35	21.36	21.37	22
5	64QAM	12	7	21.49	21.49	21.46	
5	64QAM	12	13	21.55	21.47	21.54	
5	64QAM	25	0	21.52	21.42	21.43	

Band 25

Ant 2

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	23.59	23.66	23.50	24.2
20	QPSK	1	49	23.51	23.61	23.40	
20	QPSK	1	99	23.45	23.54	23.30	
20	QPSK	50	0	23.34	23.41	23.26	24
20	QPSK	50	24	23.30	23.37	23.22	
20	QPSK	50	50	23.31	23.38	23.19	
20	QPSK	100	0	23.17	23.32	23.25	
20	16QAM	1	0	23.26	23.30	23.16	24
20	16QAM	1	49	23.19	23.25	23.05	
20	16QAM	1	99	23.13	23.20	22.98	
20	16QAM	50	0	22.61	22.64	22.56	23
20	16QAM	50	24	22.65	22.75	22.54	
20	16QAM	50	50	22.61	22.67	22.50	
20	16QAM	100	0	22.64	22.62	22.53	
20	64QAM	1	0	22.71	22.80	22.69	23
20	64QAM	1	49	22.72	22.81	22.58	
20	64QAM	1	99	22.66	22.77	22.05	
20	64QAM	50	0	21.63	21.67	21.59	22
20	64QAM	50	24	21.67	21.77	21.57	
20	64QAM	50	50	21.63	21.70	21.45	
20	64QAM	100	0	21.65	21.64	21.37	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.02	23.07	22.87	24.2
15	QPSK	1	37	22.90	23.00	22.82	
15	QPSK	1	74	22.89	22.98	22.74	
15	QPSK	36	0	23.01	23.05	22.99	24
15	QPSK	36	20	23.12	23.14	22.99	
15	QPSK	36	39	23.04	23.15	22.89	
15	QPSK	75	0	23.15	23.00	22.94	
15	16QAM	1	0	23.36	23.40	23.25	24
15	16QAM	1	37	23.31	23.33	23.13	
15	16QAM	1	74	23.16	23.22	23.08	
15	16QAM	36	0	22.39	22.37	22.31	23
15	16QAM	36	20	22.42	22.50	22.29	
15	16QAM	36	39	22.39	22.40	22.25	
15	16QAM	75	0	22.36	22.31	22.29	
15	64QAM	1	0	22.44	22.52	22.44	23
15	64QAM	1	37	22.51	22.53	22.34	
15	64QAM	1	74	22.38	22.50	21.76	
15	64QAM	36	0	21.36	21.36	21.37	22
15	64QAM	36	20	21.38	21.45	21.28	
15	64QAM	36	39	21.36	21.48	21.16	
15	64QAM	75	0	21.40	21.37	21.11	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.98	22.98	22.86	24.2
10	QPSK	1	25	22.91	22.99	22.83	
10	QPSK	1	49	22.91	22.95	22.71	
10	QPSK	25	0	23.02	23.04	22.98	24
10	QPSK	25	12	23.10	23.12	22.99	
10	QPSK	25	25	23.02	23.11	22.91	
10	QPSK	50	0	23.07	23.06	23.00	
10	16QAM	1	0	23.38	23.41	23.23	24
10	16QAM	1	25	23.27	23.33	23.09	
10	16QAM	1	49	23.16	23.23	23.02	
10	16QAM	25	0	22.39	22.36	22.33	23
10	16QAM	25	12	22.42	22.44	22.29	
10	16QAM	25	25	22.35	22.38	22.20	
10	16QAM	50	0	22.37	22.34	22.28	
10	64QAM	1	0	22.49	22.55	22.38	23
10	64QAM	1	25	22.44	22.53	22.33	
10	64QAM	1	49	22.36	22.50	21.75	
10	64QAM	25	0	21.40	21.39	21.29	22
10	64QAM	25	12	21.39	21.48	21.33	
10	64QAM	25	25	21.38	21.48	21.15	
10	64QAM	50	0	21.39	21.41	21.06	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.05	22.98	22.92	24.2
5	QPSK	1	12	22.94	23.01	22.79	
5	QPSK	1	24	22.85	22.94	22.72	
5	QPSK	12	0	23.08	23.08	23.03	24
5	QPSK	12	7	23.06	23.13	22.95	
5	QPSK	12	13	23.09	23.10	22.97	
5	QPSK	25	0	23.12	23.03	22.97	
5	16QAM	1	0	23.31	23.39	23.25	24
5	16QAM	1	12	23.21	23.34	23.08	
5	16QAM	1	24	23.25	23.28	22.98	
5	16QAM	12	0	22.38	22.39	22.25	23
5	16QAM	12	7	22.41	22.51	22.32	
5	16QAM	12	13	22.38	22.36	22.24	
5	16QAM	25	0	22.41	22.37	22.22	
5	64QAM	1	0	22.51	22.49	22.44	23
5	64QAM	1	12	22.49	22.58	22.34	
5	64QAM	1	24	22.37	22.53	21.75	
5	64QAM	12	0	21.39	21.43	21.29	22
5	64QAM	12	7	21.40	21.46	21.30	
5	64QAM	12	13	21.38	21.47	21.19	
5	64QAM	25	0	21.35	21.32	21.11	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.99	22.98	22.84	24.2
3	QPSK	1	8	22.95	22.97	22.75	
3	QPSK	1	14	22.83	22.91	22.72	
3	QPSK	8	0	23.07	23.12	23.02	24
3	QPSK	8	4	23.08	23.18	22.93	
3	QPSK	8	7	23.10	23.09	22.88	
3	QPSK	15	0	23.07	23.06	22.95	
3	16QAM	1	0	23.39	23.44	23.22	24
3	16QAM	1	8	23.24	23.34	23.18	
3	16QAM	1	14	23.20	23.28	23.00	
3	16QAM	8	0	22.32	22.32	22.24	23
3	16QAM	8	4	22.39	22.43	22.32	
3	16QAM	8	7	22.35	22.41	22.19	
3	16QAM	15	0	22.38	22.34	22.25	
3	64QAM	1	0	22.49	22.56	22.44	23
3	64QAM	1	8	22.52	22.58	22.33	
3	64QAM	1	14	22.37	22.53	21.76	
3	64QAM	8	0	21.42	21.35	21.29	22
3	64QAM	8	4	21.44	21.53	21.35	
3	64QAM	8	7	21.37	21.43	21.20	
3	64QAM	15	0	21.35	21.41	21.13	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.97	23.02	22.94	24.2
1.4	QPSK	1	3	22.90	22.97	22.77	
1.4	QPSK	1	5	22.87	22.94	22.70	
1.4	QPSK	3	0	22.93	22.92	22.87	
1.4	QPSK	3	1	22.87	22.97	22.69	
1.4	QPSK	3	3	22.81	22.87	22.60	
1.4	QPSK	6	0	23.16	23.06	23.01	24
1.4	16QAM	1	0	23.33	23.34	23.25	24
1.4	16QAM	1	3	23.22	23.34	23.17	
1.4	16QAM	1	5	23.19	23.30	22.98	
1.4	16QAM	3	0	23.32	23.33	23.21	
1.4	16QAM	3	1	23.14	23.26	23.13	
1.4	16QAM	3	3	23.19	23.24	22.96	
1.4	16QAM	6	0	22.37	22.37	22.27	23
1.4	64QAM	1	0	22.51	22.53	22.44	23
1.4	64QAM	1	3	22.42	22.53	22.29	
1.4	64QAM	1	5	22.39	22.46	21.75	
1.4	64QAM	3	0	22.42	22.48	22.35	
1.4	64QAM	3	1	22.39	22.45	22.22	
1.4	64QAM	3	3	22.36	22.41	21.74	
1.4	64QAM	6	0	21.39	21.35	21.12	21.2

Band 26

Ant 0

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	24.39	24.31	24.28	25
15	QPSK	1	37	24.30	24.29	24.28	
15	QPSK	1	74	24.32	24.29	24.17	
15	QPSK	36	0	23.46	23.45	23.42	24
15	QPSK	36	20	23.54	23.41	23.48	
15	QPSK	36	39	23.47	23.44	23.40	
15	QPSK	75	0	23.50	23.39	23.41	
15	16QAM	1	0	23.68	23.60	23.62	24
15	16QAM	1	37	23.62	23.63	23.61	
15	16QAM	1	74	23.64	23.59	23.47	
15	16QAM	36	0	22.49	22.44	22.45	23
15	16QAM	36	20	22.51	22.43	22.47	
15	16QAM	36	39	22.49	22.46	22.42	
15	16QAM	75	0	22.53	22.43	22.42	
15	64QAM	1	0	22.52	22.49	22.49	23
15	64QAM	1	37	22.58	22.54	22.52	
15	64QAM	1	74	22.57	22.55	22.05	
15	64QAM	36	0	21.50	21.50	21.49	22
15	64QAM	36	20	21.53	21.44	21.51	
15	64QAM	36	39	21.51	21.51	21.47	
15	64QAM	75	0	21.53	21.44	21.45	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.29	24.23	24.27	25
10	QPSK	1	25	24.25	24.27	24.27	
10	QPSK	1	49	24.26	24.21	24.17	
10	QPSK	25	0	23.41	23.42	23.35	24
10	QPSK	25	12	23.49	23.38	23.43	
10	QPSK	25	25	23.42	23.39	23.36	
10	QPSK	50	0	23.43	23.33	23.39	
10	16QAM	1	0	23.60	23.60	23.57	24
10	16QAM	1	25	23.54	23.54	23.53	
10	16QAM	1	49	23.62	23.53	23.42	
10	16QAM	25	0	22.41	22.38	22.40	23
10	16QAM	25	12	22.44	22.37	22.47	
10	16QAM	25	25	22.49	22.40	22.41	
10	16QAM	50	0	22.49	22.39	22.32	
10	64QAM	1	0	22.45	22.41	22.46	23
10	64QAM	1	25	22.49	22.54	22.47	
10	64QAM	1	49	22.54	22.48	22.03	
10	64QAM	25	0	21.50	21.48	21.49	22
10	64QAM	25	12	21.44	21.43	21.51	
10	64QAM	25	25	21.48	21.45	21.37	
10	64QAM	50	0	21.43	21.44	21.38	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.29	24.27	24.19	25
5	QPSK	1	12	24.23	24.28	24.18	
5	QPSK	1	24	24.32	24.30	24.17	
5	QPSK	12	0	23.42	23.37	23.39	24
5	QPSK	12	7	23.51	23.41	23.45	
5	QPSK	12	13	23.47	23.37	23.30	
5	QPSK	25	0	23.43	23.37	23.40	
5	16QAM	1	0	23.68	23.53	23.58	24
5	16QAM	1	12	23.54	23.55	23.56	
5	16QAM	1	24	23.56	23.58	23.44	
5	16QAM	12	0	22.42	22.35	22.37	23
5	16QAM	12	7	22.46	22.42	22.41	
5	16QAM	12	13	22.46	22.41	22.42	
5	16QAM	25	0	22.52	22.41	22.38	
5	64QAM	1	0	22.43	22.45	22.45	23
5	64QAM	1	12	22.54	22.53	22.47	
5	64QAM	1	24	22.55	22.54	21.95	
5	64QAM	12	0	21.47	21.46	21.41	22
5	64QAM	12	7	21.52	21.39	21.48	
5	64QAM	12	13	21.49	21.45	21.45	
5	64QAM	25	0	21.51	21.35	21.39	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.28	24.22	24.24	25
3	QPSK	1	8	24.24	24.25	24.27	
3	QPSK	1	14	24.30	24.29	24.16	
3	QPSK	8	0	23.45	23.42	23.32	24
3	QPSK	8	4	23.53	23.36	23.41	
3	QPSK	8	7	23.47	23.37	23.37	
3	QPSK	15	0	23.43	23.34	23.37	
3	16QAM	1	0	23.64	23.59	23.56	24
3	16QAM	1	8	23.57	23.55	23.61	
3	16QAM	1	14	23.61	23.55	23.41	
3	16QAM	8	0	22.44	22.40	22.43	23
3	16QAM	8	4	22.42	22.36	22.46	
3	16QAM	8	7	22.49	22.40	22.32	
3	16QAM	15	0	22.51	22.33	22.38	
3	64QAM	1	0	22.44	22.40	22.42	23
3	64QAM	1	8	22.50	22.48	22.43	
3	64QAM	1	14	22.57	22.49	21.97	
3	64QAM	8	0	21.45	21.48	21.40	22
3	64QAM	8	4	21.47	21.41	21.44	
3	64QAM	8	7	21.49	21.44	21.42	
3	64QAM	15	0	21.43	21.44	21.39	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.26	24.21	24.25	25
1.4	QPSK	1	3	24.25	24.27	24.25	
1.4	QPSK	1	5	24.29	24.25	24.15	
1.4	QPSK	3	0	24.33	24.15	24.20	
1.4	QPSK	3	1	24.19	24.17	24.16	
1.4	QPSK	3	3	24.27	24.25	24.05	
1.4	QPSK	6	0	23.46	23.38	23.35	24
1.4	16QAM	1	0	23.66	23.50	23.60	24
1.4	16QAM	1	3	23.62	23.63	23.61	
1.4	16QAM	1	5	23.64	23.56	23.45	
1.4	16QAM	3	0	23.58	23.46	23.54	
1.4	16QAM	3	1	23.60	23.63	23.61	
1.4	16QAM	3	3	23.61	23.55	23.40	
1.4	16QAM	6	0	22.50	22.35	22.42	23
1.4	64QAM	1	0	22.42	22.49	22.45	23
1.4	64QAM	1	3	22.51	22.49	22.43	
1.4	64QAM	1	5	22.47	22.54	22.05	
1.4	64QAM	3	0	22.33	22.47	22.38	
1.4	64QAM	3	1	22.45	22.42	22.42	
1.4	64QAM	3	3	22.37	22.47	21.95	
1.4	64QAM	6	0	21.52	21.36	21.40	22

Band 30							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.15		22.1
10	QPSK	1	25		21.16		
10	QPSK	1	49		21.11		
10	QPSK	25	0		20.80		22.1
10	QPSK	25	12		20.88		
10	QPSK	25	25		20.89		
10	QPSK	50	0		20.88		
10	16QAM	1	0		20.79		22.1
10	16QAM	1	25		20.86		
10	16QAM	1	49		20.71		
10	16QAM	25	0		20.84		22.1
10	16QAM	25	12		20.85		
10	16QAM	25	25		20.82		
10	16QAM	50	0		20.84		
10	64QAM	1	0		21.03		22.1
10	64QAM	1	25		21.12		
10	64QAM	1	49		20.99		
10	64QAM	25	0		20.83		22
10	64QAM	25	12		20.92		
10	64QAM	25	25		20.93		
10	64QAM	50	0		20.91		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	20.76	20.74	20.74	22.1
5	QPSK	1	12	20.79	20.75	20.74	
5	QPSK	1	24	20.78	20.77	20.79	
5	QPSK	12	0	20.80	20.82	20.85	22.1
5	QPSK	12	7	20.88	20.87	20.89	
5	QPSK	12	13	20.94	20.90	20.93	
5	QPSK	25	0	20.85	20.87	20.92	
5	16QAM	1	0	20.81	20.82	20.82	22.1
5	16QAM	1	12	20.82	20.81	20.78	
5	16QAM	1	24	20.80	20.80	20.79	
5	16QAM	12	0	20.88	20.79	20.88	22.1
5	16QAM	12	7	20.84	20.80	20.88	
5	16QAM	12	13	20.86	20.82	20.82	
5	16QAM	25	0	20.83	20.86	20.84	
5	64QAM	1	0	21.00	20.98	21.04	22.1
5	64QAM	1	12	21.10	21.08	21.11	
5	64QAM	1	24	21.01	20.96	21.02	
5	64QAM	12	0	20.85	20.87	20.88	22
5	64QAM	12	7	20.87	20.91	20.88	
5	64QAM	12	13	20.91	20.97	20.88	
5	64QAM	25	0	20.90	20.90	20.95	

Band 66

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.83	23.92	23.94	25
20	QPSK	1	49	23.77	23.89	23.83	
20	QPSK	1	99	23.78	23.82	23.75	
20	QPSK	50	0	23.19	23.29	23.25	24
20	QPSK	50	24	23.25	23.26	23.30	
20	QPSK	50	50	23.20	23.30	23.23	
20	QPSK	100	0	23.21	23.23	23.32	
20	16QAM	1	0	23.41	23.59	23.60	24
20	16QAM	1	49	23.41	23.52	23.48	
20	16QAM	1	99	23.46	23.43	23.35	
20	16QAM	50	0	22.19	22.30	22.28	23
20	16QAM	50	24	22.25	22.26	22.33	
20	16QAM	50	50	22.22	22.28	22.26	
20	16QAM	100	0	22.21	22.25	22.33	
20	64QAM	1	0	22.31	22.44	22.44	23
20	64QAM	1	49	22.26	22.32	22.35	
20	64QAM	1	99	22.32	22.33	22.13	
20	64QAM	50	0	21.21	21.17	21.30	22
20	64QAM	50	24	21.27	21.30	21.33	
20	64QAM	50	50	21.23	21.30	21.25	
20	64QAM	100	0	21.25	21.28	21.33	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.73	23.82	23.87	25
15	QPSK	1	37	23.74	23.87	23.76	
15	QPSK	1	74	23.74	23.74	23.65	
15	QPSK	36	0	23.09	23.25	23.24	24
15	QPSK	36	20	23.22	23.19	23.20	
15	QPSK	36	39	23.14	23.28	23.18	
15	QPSK	75	0	23.17	23.21	23.23	
15	16QAM	1	0	23.32	23.49	23.55	24
15	16QAM	1	37	23.34	23.48	23.38	
15	16QAM	1	74	23.39	23.38	23.25	
15	16QAM	36	0	22.16	22.23	22.25	23
15	16QAM	36	20	22.21	22.17	22.27	
15	16QAM	36	39	22.16	22.18	22.21	
15	16QAM	75	0	22.17	22.16	22.25	
15	64QAM	1	0	22.28	22.42	22.36	23
15	64QAM	1	37	22.17	22.24	22.26	
15	64QAM	1	74	22.31	22.29	22.11	
15	64QAM	36	0	21.13	21.16	21.29	22
15	64QAM	36	20	21.26	21.25	21.24	
15	64QAM	36	39	21.16	21.28	21.22	
15	64QAM	75	0	21.16	21.20	21.26	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.80	23.91	23.88	25
10	QPSK	1	25	23.68	23.84	23.75	
10	QPSK	1	49	23.72	23.73	23.75	
10	QPSK	25	0	23.18	23.19	23.25	24
10	QPSK	25	12	23.25	23.22	23.29	
10	QPSK	25	25	23.13	23.24	23.23	
10	QPSK	50	0	23.17	23.14	23.30	
10	16QAM	1	0	23.34	23.54	23.54	24
10	16QAM	1	25	23.37	23.50	23.41	
10	16QAM	1	49	23.43	23.33	23.34	
10	16QAM	25	0	22.19	22.29	22.28	23
10	16QAM	25	12	22.21	22.23	22.27	
10	16QAM	25	25	22.22	22.18	22.25	
10	16QAM	50	0	22.17	22.20	22.23	
10	64QAM	1	0	22.30	22.34	22.36	23
10	64QAM	1	25	22.18	22.25	22.26	
10	64QAM	1	49	22.22	22.25	22.04	
10	64QAM	25	0	21.13	21.12	21.25	22
10	64QAM	25	12	21.20	21.25	21.24	
10	64QAM	25	25	21.14	21.26	21.25	
10	64QAM	50	0	21.16	21.26	21.23	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.79	23.87	23.89	25
5	QPSK	1	12	23.70	23.85	23.78	
5	QPSK	1	24	23.74	23.77	23.70	
5	QPSK	12	0	23.12	23.23	23.21	24
5	QPSK	12	7	23.19	23.17	23.20	
5	QPSK	12	13	23.17	23.26	23.17	
5	QPSK	25	0	23.15	23.17	23.22	
5	16QAM	1	0	23.34	23.55	23.50	24
5	16QAM	1	12	23.38	23.46	23.38	
5	16QAM	1	24	23.40	23.33	23.25	
5	16QAM	12	0	22.18	22.27	22.26	23
5	16QAM	12	7	22.25	22.19	22.24	
5	16QAM	12	13	22.12	22.19	22.18	
5	16QAM	25	0	22.13	22.23	22.24	
5	64QAM	1	0	22.26	22.39	22.35	23
5	64QAM	1	12	22.22	22.23	22.35	
5	64QAM	1	24	22.24	22.28	22.13	
5	64QAM	12	0	21.19	21.15	21.22	22
5	64QAM	12	7	21.22	21.30	21.25	
5	64QAM	12	13	21.21	21.22	21.25	
5	64QAM	25	0	21.24	21.19	21.32	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.76	23.90	23.88	25
3	QPSK	1	8	23.70	23.86	23.77	
3	QPSK	1	14	23.70	23.81	23.72	
3	QPSK	8	0	23.16	23.20	23.16	24
3	QPSK	8	4	23.18	23.23	23.26	
3	QPSK	8	7	23.17	23.30	23.13	
3	QPSK	15	0	23.11	23.23	23.25	
3	16QAM	1	0	23.41	23.52	23.50	24
3	16QAM	1	8	23.39	23.50	23.41	
3	16QAM	1	14	23.44	23.39	23.27	
3	16QAM	8	0	22.12	22.22	22.27	23
3	16QAM	8	4	22.20	22.23	22.33	
3	16QAM	8	7	22.14	22.25	22.16	
3	16QAM	15	0	22.17	22.24	22.26	
3	64QAM	1	0	22.24	22.34	22.38	23
3	64QAM	1	8	22.18	22.27	22.25	
3	64QAM	1	14	22.23	22.32	22.06	
3	64QAM	8	0	21.15	21.11	21.28	22
3	64QAM	8	4	21.23	21.20	21.24	
3	64QAM	8	7	21.21	21.29	21.17	
3	64QAM	15	0	21.16	21.24	21.33	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.80	23.84	23.91	25
1.4	QPSK	1	3	23.73	23.85	23.81	
1.4	QPSK	1	5	23.74	23.76	23.70	
1.4	QPSK	3	0	23.80	23.80	23.81	
1.4	QPSK	3	1	23.68	23.78	23.74	
1.4	QPSK	3	3	23.65	23.70	23.69	
1.4	QPSK	6	0	23.14	23.15	23.22	24
1.4	16QAM	1	0	23.38	23.56	23.51	24
1.4	16QAM	1	3	23.37	23.52	23.41	
1.4	16QAM	1	5	23.46	23.33	23.32	
1.4	16QAM	3	0	23.38	23.54	23.44	
1.4	16QAM	3	1	23.33	23.44	23.36	
1.4	16QAM	3	3	23.38	23.28	23.28	
1.4	16QAM	6	0	22.12	22.20	22.23	23
1.4	64QAM	1	0	22.26	22.35	22.40	23
1.4	64QAM	1	3	22.22	22.22	22.26	
1.4	64QAM	1	5	22.22	22.31	22.12	
1.4	64QAM	3	0	22.19	22.29	22.37	
1.4	64QAM	3	1	22.14	22.13	22.23	
1.4	64QAM	3	3	22.21	22.24	22.10	
1.4	64QAM	6	0	21.24	21.27	21.32	22

Band 71							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.41	24.33	24.29	25
20	QPSK	1	49	24.30	24.32	24.32	
20	QPSK	1	99	24.34	24.33	24.28	
20	QPSK	50	0	23.58	23.49	23.45	24
20	QPSK	50	24	23.53	23.43	23.44	
20	QPSK	50	50	23.49	23.41	23.40	
20	QPSK	100	0	23.50	23.46	23.43	
20	16QAM	1	0	23.77	23.66	23.61	24
20	16QAM	1	49	23.65	23.69	23.67	
20	16QAM	1	99	23.67	23.70	23.59	
20	16QAM	50	0	22.47	22.40	22.40	23
20	16QAM	50	24	22.50	22.43	22.43	
20	16QAM	50	50	22.50	22.52	22.51	
20	16QAM	100	0	22.49	22.42	22.47	
20	64QAM	1	0	22.58	22.44	22.45	23
20	64QAM	1	49	22.54	22.54	22.55	
20	64QAM	1	99	22.58	22.57	22.50	
20	64QAM	50	0	21.48	21.41	21.41	22
20	64QAM	50	24	21.53	21.48	21.47	
20	64QAM	50	50	21.49	21.54	21.55	
20	64QAM	100	0	21.52	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.35	24.19	24.27	25
15	QPSK	1	37	24.23	24.29	24.26	
15	QPSK	1	74	24.34	24.28	24.20	
15	QPSK	36	0	23.39	23.31	23.33	24
15	QPSK	36	20	23.46	23.40	23.41	
15	QPSK	36	39	23.49	23.43	23.45	
15	QPSK	75	0	23.40	23.36	23.45	
15	16QAM	1	0	23.73	23.62	23.53	24
15	16QAM	1	37	23.58	23.63	23.59	
15	16QAM	1	74	23.66	23.69	23.51	
15	16QAM	36	0	22.38	22.34	22.33	23
15	16QAM	36	20	22.40	22.38	22.40	
15	16QAM	36	39	22.42	22.44	22.43	
15	16QAM	75	0	22.45	22.40	22.42	
15	64QAM	1	0	22.53	22.38	22.45	23
15	64QAM	1	37	22.45	22.54	22.54	
15	64QAM	1	74	22.52	22.52	22.40	
15	64QAM	36	0	21.39	21.35	21.33	22
15	64QAM	36	20	21.52	21.48	21.40	
15	64QAM	36	39	21.41	21.53	21.50	
15	64QAM	75	0	21.45	21.32	21.48	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.32	24.26	24.27	25
10	QPSK	1	25	24.27	24.31	24.25	
10	QPSK	1	49	24.26	24.23	24.21	
10	QPSK	25	0	23.39	23.34	23.31	24
10	QPSK	25	12	23.51	23.38	23.36	
10	QPSK	25	25	23.47	23.43	23.45	
10	QPSK	50	0	23.41	23.34	23.42	
10	16QAM	1	0	23.69	23.57	23.54	24
10	16QAM	1	25	23.59	23.65	23.67	
10	16QAM	1	49	23.59	23.63	23.57	
10	16QAM	25	0	22.42	22.40	22.40	23
10	16QAM	25	12	22.43	22.39	22.43	
10	16QAM	25	25	22.43	22.43	22.50	
10	16QAM	50	0	22.46	22.40	22.45	
10	64QAM	1	0	22.48	22.38	22.40	23
10	64QAM	1	25	22.50	22.52	22.50	
10	64QAM	1	49	22.58	22.53	22.49	
10	64QAM	25	0	21.42	21.41	21.37	22
10	64QAM	25	12	21.48	21.48	21.42	
10	64QAM	25	25	21.39	21.48	21.46	
10	64QAM	50	0	21.50	21.36	21.48	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.36	24.21	24.19	25
5	QPSK	1	12	24.24	24.27	24.29	
5	QPSK	1	24	24.28	24.23	24.21	
5	QPSK	12	0	23.42	23.37	23.35	24
5	QPSK	12	7	23.51	23.36	23.43	
5	QPSK	12	13	23.44	23.42	23.47	
5	QPSK	25	0	23.45	23.35	23.40	
5	16QAM	1	0	23.72	23.61	23.54	24
5	16QAM	1	12	23.56	23.69	23.67	
5	16QAM	1	24	23.58	23.62	23.55	
5	16QAM	12	0	22.44	22.38	22.38	23
5	16QAM	12	7	22.45	22.33	22.33	
5	16QAM	12	13	22.43	22.51	22.48	
5	16QAM	25	0	22.41	22.39	22.40	
5	64QAM	1	0	22.48	22.36	22.40	23
5	64QAM	1	12	22.47	22.52	22.55	
5	64QAM	1	24	22.54	22.47	22.48	
5	64QAM	12	0	21.48	21.36	21.36	22
5	64QAM	12	7	21.45	21.47	21.44	
5	64QAM	12	13	21.45	21.47	21.53	
5	64QAM	25	0	21.42	21.37	21.49	

Band 2

Ant 0							
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	24.77	24.84	25
20	QPSK	1	49	24.78	24.73	24.63	
20	QPSK	1	99	24.68	24.71	24.74	
20	QPSK	50	0	23.83	23.79	23.78	24
20	QPSK	50	24	23.84	23.81	23.81	
20	QPSK	50	50	23.90	23.89	23.81	
20	QPSK	100	0	23.85	23.89	23.80	
20	16QAM	1	0	23.90	23.90	23.81	24
20	16QAM	1	49	23.90	23.90	23.88	
20	16QAM	1	99	23.88	23.85	23.83	
20	16QAM	50	0	22.86	22.81	22.83	23
20	16QAM	50	24	22.84	22.90	22.83	
20	16QAM	50	50	22.82	22.90	22.82	
20	16QAM	100	0	22.84	22.88	22.81	
20	64QAM	1	0	22.89	22.82	22.88	23
20	64QAM	1	49	22.84	22.86	21.93	
20	64QAM	1	99	22.25	22.86	22.90	
20	64QAM	50	0	21.87	21.82	21.17	22
20	64QAM	50	24	21.87	21.84	21.10	
20	64QAM	50	50	21.35	21.81	21.78	
20	64QAM	100	0	21.89	21.90	21.41	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.69	24.76	24.83	25
15	QPSK	1	37	24.78	24.70	24.53	
15	QPSK	1	74	24.64	24.64	24.74	
15	QPSK	36	0	23.79	23.77	23.75	24
15	QPSK	36	20	23.89	23.81	23.80	
15	QPSK	36	39	23.84	23.89	23.88	
15	QPSK	75	0	23.83	23.81	23.76	
15	16QAM	1	0	23.84	23.80	23.80	24
15	16QAM	1	37	23.87	23.89	23.78	
15	16QAM	1	74	23.88	22.82	23.90	
15	16QAM	36	0	22.82	22.72	22.83	23
15	16QAM	36	20	22.84	22.87	22.82	
15	16QAM	36	39	22.88	22.80	22.82	
15	16QAM	75	0	22.82	22.88	22.79	
15	64QAM	1	0	22.83	22.79	22.90	23
15	64QAM	1	37	22.74	22.81	21.85	
15	64QAM	1	74	22.17	22.84	22.81	
15	64QAM	36	0	21.82	21.73	21.10	22
15	64QAM	36	20	21.84	21.89	21.10	
15	64QAM	36	39	21.26	21.81	21.77	
15	64QAM	75	0	21.85	21.80	21.36	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	24.77	24.76	24.77	25
10	QPSK	1	25	24.70	24.64	24.63	
10	QPSK	1	49	24.68	24.64	24.70	
10	QPSK	25	0	23.78	23.73	23.76	24
10	QPSK	25	12	23.90	23.86	23.80	
10	QPSK	25	25	23.81	23.88	23.86	
10	QPSK	50	0	22.81	23.82	23.77	
10	16QAM	1	0	23.90	23.89	23.84	24
10	16QAM	1	25	23.83	23.83	23.85	
10	16QAM	1	49	23.88	23.85	23.89	
10	16QAM	25	0	22.85	22.72	22.83	23
10	16QAM	25	12	22.87	22.86	22.78	
10	16QAM	25	25	22.89	22.89	22.89	
10	16QAM	50	0	22.88	22.78	22.80	
10	64QAM	1	0	22.90	22.75	22.83	23
10	64QAM	1	25	22.79	22.83	21.93	
10	64QAM	1	49	22.23	22.87	22.89	
10	64QAM	25	0	21.85	21.81	21.08	22
10	64QAM	25	12	21.79	21.83	21.07	
10	64QAM	25	25	21.25	21.89	21.72	
10	64QAM	50	0	21.81	21.88	21.39	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	24.69	24.71	24.77	25
5	QPSK	1	12	24.78	24.66	24.63	
5	QPSK	1	24	24.63	24.66	24.64	
5	QPSK	12	0	23.77	23.75	23.68	24
5	QPSK	12	7	23.85	23.85	23.78	
5	QPSK	12	13	23.84	23.86	23.82	
5	QPSK	25	0	23.89	23.89	23.78	
5	16QAM	1	0	23.81	23.83	23.89	24
5	16QAM	1	12	23.89	23.86	23.78	
5	16QAM	1	24	23.82	23.83	23.84	
5	16QAM	12	0	22.86	22.80	22.78	23
5	16QAM	12	7	22.84	22.80	22.73	
5	16QAM	12	13	22.84	22.87	22.86	
5	16QAM	25	0	22.87	22.83	22.78	
5	64QAM	1	0	22.90	22.74	22.85	23
5	64QAM	1	12	22.79	22.85	21.86	
5	64QAM	1	24	22.18	22.84	22.86	
5	64QAM	12	0	21.82	21.75	21.14	22
5	64QAM	12	7	21.81	21.85	21.08	
5	64QAM	12	13	21.29	21.82	21.70	
5	64QAM	25	0	21.83	21.90	21.41	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.78	24.71	24.81	25
3	QPSK	1	8	24.75	24.67	24.58	
3	QPSK	1	14	24.61	24.70	24.74	
3	QPSK	8	0	23.73	23.75	23.68	24
3	QPSK	8	4	23.86	23.84	23.78	
3	QPSK	8	7	23.90	23.87	23.85	
3	QPSK	15	0	23.85	23.84	23.73	
3	16QAM	1	0	23.84	23.80	23.87	24
3	16QAM	1	8	23.86	23.81	23.85	
3	16QAM	1	14	23.86	22.81	22.81	
3	16QAM	8	0	22.85	22.77	22.77	23
3	16QAM	8	4	22.81	22.84	22.81	
3	16QAM	8	7	22.88	22.80	22.83	
3	16QAM	15	0	22.84	22.80	22.77	
3	64QAM	1	0	22.87	22.72	22.83	23
3	64QAM	1	8	22.81	22.82	21.83	
3	64QAM	1	14	22.25	22.87	22.88	
3	64QAM	8	0	21.87	21.80	21.10	22
3	64QAM	8	4	21.86	21.87	21.01	
3	64QAM	8	7	21.27	21.81	21.70	
3	64QAM	15	0	21.79	21.85	21.39	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.75	24.76	24.83	25
1.4	QPSK	1	3	24.77	24.69	24.57	
1.4	QPSK	1	5	24.67	24.63	24.67	
1.4	QPSK	3	0	24.75	24.73	24.83	
1.4	QPSK	3	1	24.67	24.60	24.47	
1.4	QPSK	3	3	24.59	24.63	24.60	
1.4	QPSK	6	0	23.86	23.84	23.76	24
1.4	16QAM	1	0	23.80	23.82	23.82	24
1.4	16QAM	1	3	23.84	23.85	23.80	
1.4	16QAM	1	5	23.86	23.89	23.90	
1.4	16QAM	3	0	23.80	23.82	23.72	
1.4	16QAM	3	1	23.81	23.83	23.76	
1.4	16QAM	3	3	23.82	23.79	23.81	
1.4	16QAM	6	0	22.87	22.82	22.72	23
1.4	64QAM	1	0	22.81	22.76	22.82	23
1.4	64QAM	1	3	22.79	22.86	21.87	
1.4	64QAM	1	5	22.23	22.82	22.90	
1.4	64QAM	3	0	22.90	22.67	22.86	
1.4	64QAM	3	1	22.76	22.87	21.79	
1.4	64QAM	3	3	22.20	22.82	22.85	
1.4	64QAM	6	0	21.86	21.82	21.37	22

Band 4

Ant 0

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	21.74	21.73	21.77	22.2
20	QPSK	1	49	21.60	21.60	21.59	
20	QPSK	1	99	21.65	21.53	21.54	
20	QPSK	50	0	21.38	21.41	21.43	22.2
20	QPSK	50	24	21.23	21.23	21.25	
20	QPSK	50	50	21.27	21.23	21.25	
20	QPSK	100	0	21.46	21.44	21.42	
20	16QAM	1	0	21.48	21.38	21.45	22.2
20	16QAM	1	49	21.39	21.36	21.37	
20	16QAM	1	99	21.42	21.56	21.41	
20	16QAM	50	0	21.43	21.47	21.47	22.2
20	16QAM	50	24	21.49	21.41	21.49	
20	16QAM	50	50	21.39	21.34	21.41	
20	16QAM	100	0	21.43	21.54	21.47	
20	64QAM	1	0	21.28	21.63	21.45	22.2
20	64QAM	1	49	21.46	21.34	21.20	
20	64QAM	1	99	21.53	21.58	21.55	
20	64QAM	50	0	21.42	21.07	21.17	22
20	64QAM	50	24	21.50	21.06	21.15	
20	64QAM	50	50	21.44	21.04	21.15	
20	64QAM	100	0	21.49	21.06	21.19	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.67	21.73	21.68	22.2
15	QPSK	1	37	21.60	21.52	21.57	
15	QPSK	1	74	21.58	21.52	21.54	
15	QPSK	36	0	21.30	21.33	21.42	22.2
15	QPSK	36	20	21.22	21.19	21.19	
15	QPSK	36	39	21.23	21.21	21.21	
15	QPSK	75	0	21.41	21.42	21.41	
15	16QAM	1	0	21.46	21.37	21.37	22.2
15	16QAM	1	37	21.36	21.34	21.37	
15	16QAM	1	74	21.36	21.47	21.32	
15	16QAM	36	0	21.37	21.41	21.38	22.2
15	16QAM	36	20	21.46	21.31	21.49	
15	16QAM	36	39	21.37	21.28	21.41	
15	16QAM	75	0	21.36	21.53	21.37	
15	64QAM	1	0	21.21	21.61	21.42	22.2
15	64QAM	1	37	21.43	21.31	21.11	
15	64QAM	1	74	21.44	21.52	21.47	
15	64QAM	36	0	21.35	21.04	21.12	22
15	64QAM	36	20	21.49	21.04	21.05	
15	64QAM	36	39	21.38	20.99	21.14	
15	64QAM	75	0	21.42	20.97	21.17	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.73	21.69	21.71	22.2
10	QPSK	1	25	21.50	21.53	21.56	
10	QPSK	1	49	21.60	21.53	21.47	
10	QPSK	25	0	21.32	21.36	21.38	22.2
10	QPSK	25	12	21.14	21.20	21.25	
10	QPSK	25	25	21.19	21.21	21.25	
10	QPSK	50	0	21.43	21.39	21.41	
10	16QAM	1	0	21.41	21.33	21.38	22.2
10	16QAM	1	25	21.30	21.34	21.28	
10	16QAM	1	49	21.36	21.49	21.40	
10	16QAM	25	0	21.33	21.43	21.44	22.2
10	16QAM	25	12	21.40	21.32	21.44	
10	16QAM	25	25	21.38	21.34	21.41	
10	16QAM	50	0	21.35	21.53	21.41	
10	64QAM	1	0	21.26	21.61	21.36	22.2
10	64QAM	1	25	21.45	21.26	21.15	
10	64QAM	1	49	21.52	21.50	21.52	
10	64QAM	25	0	21.39	21.03	21.11	22
10	64QAM	25	12	21.41	21.01	21.09	
10	64QAM	25	25	21.39	21.03	21.13	
10	64QAM	50	0	21.49	21.05	21.15	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.67	21.67	21.72	22.2
5	QPSK	1	12	21.52	21.54	21.58	
5	QPSK	1	24	21.57	21.46	21.48	
5	QPSK	12	0	21.38	21.34	21.36	22.2
5	QPSK	12	7	21.23	21.20	21.24	
5	QPSK	12	13	21.22	21.21	21.15	
5	QPSK	25	0	21.41	21.38	21.38	
5	16QAM	1	0	21.38	21.33	21.37	22.2
5	16QAM	1	12	21.32	21.33	21.29	
5	16QAM	1	24	21.37	21.55	21.37	
5	16QAM	12	0	21.41	21.46	21.39	22.2
5	16QAM	12	7	21.42	21.39	21.40	
5	16QAM	12	13	21.32	21.26	21.39	
5	16QAM	25	0	21.37	21.52	21.43	
5	64QAM	1	0	21.25	21.59	21.37	22.2
5	64QAM	1	12	21.38	21.24	21.10	
5	64QAM	1	24	21.48	21.57	21.48	
5	64QAM	12	0	21.41	21.00	21.10	22
5	64QAM	12	7	21.49	20.97	21.11	
5	64QAM	12	13	21.43	20.99	21.15	
5	64QAM	25	0	21.40	20.98	21.10	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.72	21.67	21.69	22.2
3	QPSK	1	8	21.50	21.54	21.58	
3	QPSK	1	14	21.55	21.45	21.48	
3	QPSK	8	0	21.32	21.35	21.39	22.2
3	QPSK	8	4	21.16	21.22	21.15	
3	QPSK	8	7	21.19	21.22	21.23	
3	QPSK	15	0	21.43	21.39	21.39	
3	16QAM	1	0	21.47	21.32	21.39	22.2
3	16QAM	1	8	21.34	21.36	21.27	
3	16QAM	1	14	21.41	21.55	21.31	
3	16QAM	8	0	21.42	21.39	21.38	22.2
3	16QAM	8	4	21.40	21.33	21.45	
3	16QAM	8	7	21.38	21.30	21.32	
3	16QAM	15	0	21.43	21.50	21.42	
3	64QAM	1	0	21.18	21.60	21.39	22.2
3	64QAM	1	8	21.40	21.34	21.13	
3	64QAM	1	14	21.50	21.50	21.48	
3	64QAM	8	0	21.33	21.05	21.08	22
3	64QAM	8	4	21.43	20.99	21.06	
3	64QAM	8	7	21.38	20.98	21.13	
3	64QAM	15	0	21.48	21.03	21.18	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.67	21.73	21.72	22.2
1.4	QPSK	1	3	21.58	21.52	21.55	
1.4	QPSK	1	5	21.61	21.47	21.48	
1.4	QPSK	3	0	21.29	21.34	21.41	
1.4	QPSK	3	1	21.21	21.16	21.24	
1.4	QPSK	3	3	21.18	21.22	21.21	
1.4	QPSK	6	0	21.46	21.36	21.36	22.2
1.4	16QAM	1	0	21.38	21.33	21.36	22.2
1.4	16QAM	1	3	21.30	21.30	21.27	
1.4	16QAM	1	5	21.39	21.52	21.31	
1.4	16QAM	3	0	21.41	21.46	21.44	
1.4	16QAM	3	1	21.42	21.38	21.40	
1.4	16QAM	3	3	21.34	21.27	21.39	
1.4	16QAM	6	0	21.43	21.48	21.47	22.2
1.4	64QAM	1	0	21.25	21.55	21.38	22.2
1.4	64QAM	1	3	21.44	21.31	21.14	
1.4	64QAM	1	5	21.53	21.57	21.49	
1.4	64QAM	3	0	21.35	20.97	21.12	
1.4	64QAM	3	1	21.50	20.96	21.14	
1.4	64QAM	3	3	21.34	20.94	21.08	
1.4	64QAM	6	0	21.39	21.05	21.09	22

Band 5							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.29	24.26	24.33	25
10	QPSK	1	25	24.18	24.17	24.22	
10	QPSK	1	49	24.19	24.23	24.13	
10	QPSK	25	0	23.30	23.32	23.30	24
10	QPSK	25	12	23.38	23.33	23.30	
10	QPSK	25	25	23.34	23.36	23.35	
10	QPSK	50	0	23.39	23.39	23.32	
10	16QAM	1	0	23.66	23.63	23.61	24
10	16QAM	1	25	23.58	23.59	23.57	
10	16QAM	1	49	23.59	23.58	23.53	
10	16QAM	25	0	22.32	22.33	22.29	23
10	16QAM	25	12	22.39	22.29	22.30	
10	16QAM	25	25	22.36	22.35	22.39	
10	16QAM	50	0	22.39	22.37	22.30	
10	64QAM	1	0	22.50	22.50	22.46	23
10	64QAM	1	25	22.54	22.57	22.53	
10	64QAM	1	49	22.48	22.51	21.71	
10	64QAM	25	0	21.34	21.35	21.33	22
10	64QAM	25	12	21.42	21.38	21.36	
10	64QAM	25	25	21.38	21.40	21.13	
10	64QAM	50	0	21.45	21.41	21.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.24	24.22	24.19	25
5	QPSK	1	12	24.11	24.16	24.16	
5	QPSK	1	24	24.19	24.14	24.12	
5	QPSK	12	0	23.24	23.27	23.24	24
5	QPSK	12	7	23.35	23.31	23.29	
5	QPSK	12	13	23.30	23.30	23.33	
5	QPSK	25	0	23.31	23.38	23.26	
5	16QAM	1	0	23.64	23.60	23.60	24
5	16QAM	1	12	23.50	23.53	23.56	
5	16QAM	1	24	23.58	23.55	23.53	
5	16QAM	12	0	22.32	22.26	22.21	23
5	16QAM	12	7	22.30	22.28	22.23	
5	16QAM	12	13	22.26	22.30	22.36	
5	16QAM	25	0	22.34	22.34	22.27	
5	64QAM	1	0	22.44	22.43	22.38	23
5	64QAM	1	12	22.45	22.53	22.47	
5	64QAM	1	24	22.45	22.49	21.61	
5	64QAM	12	0	21.28	21.35	21.29	22
5	64QAM	12	7	21.33	21.32	21.28	
5	64QAM	12	13	21.33	21.31	21.09	
5	64QAM	25	0	21.41	21.36	21.16	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.25	24.25	24.29	25
3	QPSK	1	8	24.12	24.13	24.21	
3	QPSK	1	14	24.13	24.14	24.10	
3	QPSK	8	0	23.26	23.26	23.29	24
3	QPSK	8	4	23.30	23.25	23.26	
3	QPSK	8	7	23.24	23.34	23.26	
3	QPSK	15	0	23.31	23.29	23.22	
3	16QAM	1	0	23.62	23.54	23.54	24
3	16QAM	1	8	23.48	23.54	23.50	
3	16QAM	1	14	23.56	23.54	23.50	
3	16QAM	8	0	22.29	22.30	22.25	23
3	16QAM	8	4	22.38	22.22	22.25	
3	16QAM	8	7	22.30	22.35	22.37	
3	16QAM	15	0	22.37	22.38	22.29	
3	64QAM	1	0	22.47	22.44	22.37	23
3	64QAM	1	8	22.48	22.57	22.53	
3	64QAM	1	14	22.45	22.45	21.68	
3	64QAM	8	0	21.29	21.29	21.27	22
3	64QAM	8	4	21.38	21.32	21.33	
3	64QAM	8	7	21.31	21.37	21.06	
3	64QAM	15	0	21.43	21.37	21.12	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.27	24.26	24.21	25
1.4	QPSK	1	3	24.13	24.16	24.21	
1.4	QPSK	1	5	24.16	24.18	24.13	
1.4	QPSK	3	0	24.19	24.26	24.12	
1.4	QPSK	3	1	24.03	24.09	24.13	
1.4	QPSK	3	3	24.15	24.17	24.04	
1.4	QPSK	6	0	23.33	23.30	23.26	24
1.4	16QAM	1	0	23.66	23.56	23.52	24
1.4	16QAM	1	3	23.49	23.51	23.47	
1.4	16QAM	1	5	23.49	23.49	23.49	
1.4	16QAM	3	0	23.61	23.46	23.50	
1.4	16QAM	3	1	23.43	23.47	23.40	
1.4	16QAM	3	3	23.42	23.47	23.44	
1.4	16QAM	6	0	22.31	22.30	22.29	23
1.4	64QAM	1	0	22.43	22.46	22.40	23
1.4	64QAM	1	3	22.47	22.55	22.52	
1.4	64QAM	1	5	22.39	22.49	21.69	
1.4	64QAM	3	0	22.42	22.37	22.34	
1.4	64QAM	3	1	22.44	22.47	22.42	
1.4	64QAM	3	3	22.36	22.44	21.60	
1.4	64QAM	6	0	21.35	21.38	21.14	22

Band 7							
Ant 0							
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	24.57	24.58	23.68	24.7
20	QPSK	1	49	24.54	24.55	23.54	
20	QPSK	1	99	24.58	24.62	24.68	
20	QPSK	50	0	23.63	23.67	23.29	24
20	QPSK	50	24	23.68	23.64	23.51	
20	QPSK	50	50	23.54	23.48	23.53	
20	QPSK	100	0	23.59	23.63	23.45	
20	16QAM	1	0	23.68	23.62	23.05	24
20	16QAM	1	49	23.41	23.63	22.78	
20	16QAM	1	99	23.55	23.68	23.69	
20	16QAM	50	0	22.61	22.66	21.37	23
20	16QAM	50	24	22.60	22.65	21.73	
20	16QAM	50	50	22.56	22.50	22.68	
20	16QAM	100	0	22.69	22.64	22.02	
20	64QAM	1	0	22.68	22.67	21.14	23
20	64QAM	1	49	22.40	22.47	21.68	
20	64QAM	1	99	22.52	22.54	21.83	
20	64QAM	50	0	21.65	21.69	21.00	22
20	64QAM	50	24	21.62	21.66	21.09	
20	64QAM	50	50	21.69	21.64	20.66	
20	64QAM	100	0	20.91	20.92	20.05	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.61	23.68	23.67	24.7
15	QPSK	1	37	23.52	23.51	23.54	
15	QPSK	1	74	24.58	24.61	24.67	
15	QPSK	36	0	22.26	22.27	22.26	24
15	QPSK	36	20	22.65	22.65	22.61	
15	QPSK	36	39	23.43	23.50	23.50	
15	QPSK	75	0	22.90	22.87	22.93	
15	16QAM	1	0	23.02	23.01	23.02	24
15	16QAM	1	37	22.72	22.68	22.73	
15	16QAM	1	74	23.66	23.60	23.63	
15	16QAM	36	0	21.28	21.31	21.30	23
15	16QAM	36	20	21.68	21.73	21.73	
15	16QAM	36	39	22.61	22.60	22.67	
15	16QAM	75	0	21.95	22.00	21.93	
15	64QAM	1	0	21.06	21.08	21.06	23
15	64QAM	1	37	21.66	21.64	21.60	
15	64QAM	1	74	21.74	21.73	21.74	
15	64QAM	36	0	20.93	21.00	20.99	22
15	64QAM	36	20	21.09	21.04	20.99	
15	64QAM	36	39	20.64	20.63	20.56	
15	64QAM	75	0	20.02	19.98	19.96	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.58	23.60	23.63	24.7
10	QPSK	1	25	23.54	23.44	23.53	
10	QPSK	1	49	24.63	24.60	24.67	
10	QPSK	25	0	22.28	22.27	22.21	24
10	QPSK	25	12	22.61	22.61	22.65	
10	QPSK	25	25	23.53	23.48	23.50	
10	QPSK	50	0	22.89	22.91	22.89	
10	16QAM	1	0	22.95	23.04	23.03	24
10	16QAM	1	25	22.68	22.69	22.75	
10	16QAM	1	49	23.60	23.65	23.69	
10	16QAM	25	0	21.36	21.29	21.29	23
10	16QAM	25	12	21.63	21.67	21.72	
10	16QAM	25	25	22.65	22.62	22.65	
10	16QAM	50	0	22.02	21.92	21.92	
10	64QAM	1	0	21.09	21.09	21.05	23
10	64QAM	1	25	21.66	21.64	21.60	
10	64QAM	1	49	21.83	21.82	21.75	
10	64QAM	25	0	20.94	21.00	20.92	22
10	64QAM	25	12	21.02	21.05	21.02	
10	64QAM	25	25	20.66	20.63	20.60	
10	64QAM	50	0	20.05	19.99	19.96	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.58	23.65	23.64	24.7
5	QPSK	1	12	23.46	23.48	23.44	
5	QPSK	1	24	24.64	24.66	24.63	
5	QPSK	12	0	22.24	22.23	22.19	24
5	QPSK	12	7	22.67	22.68	22.69	
5	QPSK	12	13	23.43	23.44	23.43	
5	QPSK	25	0	22.91	22.86	22.91	
5	16QAM	1	0	23.00	23.00	22.95	24
5	16QAM	1	12	22.78	22.74	22.70	
5	16QAM	1	24	23.59	23.60	23.67	
5	16QAM	12	0	21.31	21.31	21.30	23
5	16QAM	12	7	21.73	21.71	21.68	
5	16QAM	12	13	22.65	22.62	22.65	
5	16QAM	25	0	21.96	22.01	22.02	
5	64QAM	1	0	21.10	21.14	21.04	23
5	64QAM	1	12	21.61	21.64	21.64	
5	64QAM	1	24	21.82	21.83	21.79	
5	64QAM	12	0	20.99	20.98	20.94	22
5	64QAM	12	7	21.03	20.99	21.04	
5	64QAM	12	13	20.65	20.65	20.57	
5	64QAM	25	0	20.05	20.01	19.99	

Band 12

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.31	24.25	24.23	25
10	QPSK	1	25	24.24	24.29	24.26	
10	QPSK	1	49	24.35	24.34	24.27	
10	QPSK	25	0	23.39	23.43	23.38	24
10	QPSK	25	12	23.50	23.46	23.45	
10	QPSK	25	25	23.44	23.38	23.40	
10	QPSK	50	0	23.48	23.40	23.41	
10	16QAM	1	0	23.66	23.62	23.62	24
10	16QAM	1	25	23.62	23.66	23.65	
10	16QAM	1	49	23.72	23.68	23.68	
10	16QAM	25	0	22.39	22.40	22.40	23
10	16QAM	25	12	22.48	22.41	22.41	
10	16QAM	25	25	22.44	22.46	22.40	
10	16QAM	50	0	22.46	22.41	22.40	
10	64QAM	1	0	22.53	22.46	22.46	23
10	64QAM	1	25	22.58	22.60	22.56	
10	64QAM	1	49	22.64	22.58	22.54	
10	64QAM	25	0	21.44	21.44	21.43	22
10	64QAM	25	12	21.53	21.44	21.45	
10	64QAM	25	25	21.48	21.48	21.47	
10	64QAM	50	0	21.52	21.45	21.42	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.22	24.18	24.20	25
5	QPSK	1	12	24.19	24.29	24.22	
5	QPSK	1	24	24.32	24.25	24.27	
5	QPSK	12	0	23.30	23.41	23.29	24
5	QPSK	12	7	23.40	23.38	23.33	
5	QPSK	12	13	23.38	23.42	23.42	
5	QPSK	25	0	23.46	23.33	23.39	
5	16QAM	1	0	23.59	23.56	23.52	24
5	16QAM	1	12	23.57	23.57	23.60	
5	16QAM	1	24	23.68	23.62	23.62	
5	16QAM	12	0	22.37	22.34	22.35	23
5	16QAM	12	7	22.43	22.32	22.31	
5	16QAM	12	13	22.43	22.42	22.35	
5	16QAM	25	0	22.36	22.33	22.35	
5	64QAM	1	0	22.43	22.37	22.38	23
5	64QAM	1	12	22.57	22.54	22.47	
5	64QAM	1	24	22.61	22.56	22.48	
5	64QAM	12	0	21.37	21.38	21.41	22
5	64QAM	12	7	21.45	21.34	21.45	
5	64QAM	12	13	21.38	21.44	21.43	
5	64QAM	25	0	21.52	21.37	21.38	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	24.24	24.19	24.21	25
3	QPSK	1	8	24.22	24.22	24.23	
3	QPSK	1	14	24.26	24.24	24.19	
3	QPSK	8	0	23.33	23.39	23.37	24
3	QPSK	8	4	23.41	23.38	23.40	
3	QPSK	8	7	23.35	23.41	23.42	
3	QPSK	15	0	23.43	23.31	23.31	
3	16QAM	1	0	23.57	23.61	23.57	24
3	16QAM	1	8	23.61	23.60	23.57	
3	16QAM	1	14	23.68	23.67	23.63	
3	16QAM	8	0	22.30	22.30	22.38	23
3	16QAM	8	4	22.40	22.38	22.37	
3	16QAM	8	7	22.42	22.40	22.39	
3	16QAM	15	0	22.40	22.33	22.30	
3	64QAM	1	0	22.48	22.39	22.39	23
3	64QAM	1	8	22.49	22.58	22.51	
3	64QAM	1	14	22.56	22.53	22.44	
3	64QAM	8	0	21.41	21.40	21.39	22
3	64QAM	8	4	21.48	21.43	21.42	
3	64QAM	8	7	21.44	21.48	21.45	
3	64QAM	15	0	21.49	21.43	21.32	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	24.25	24.25	24.21	25
1.4	QPSK	1	3	24.15	24.25	24.19	
1.4	QPSK	1	5	24.26	24.24	24.21	
1.4	QPSK	3	0	24.24	24.18	24.14	
1.4	QPSK	3	1	24.06	24.16	24.13	
1.4	QPSK	3	3	24.22	24.22	24.21	
1.4	QPSK	6	0	23.38	23.39	23.35	24
1.4	16QAM	1	0	23.57	23.58	23.52	24
1.4	16QAM	1	3	23.55	23.62	23.56	
1.4	16QAM	1	5	23.66	23.65	23.65	
1.4	16QAM	3	0	23.47	23.53	23.50	
1.4	16QAM	3	1	23.55	23.56	23.50	
1.4	16QAM	3	3	23.62	23.62	23.58	
1.4	16QAM	6	0	22.45	22.34	22.35	23
1.4	64QAM	1	0	22.51	22.38	22.38	23
1.4	64QAM	1	3	22.49	22.51	22.52	
1.4	64QAM	1	5	22.61	22.48	22.44	
1.4	64QAM	3	0	22.47	22.31	22.35	
1.4	64QAM	3	1	22.42	22.46	22.46	
1.4	64QAM	3	3	22.59	22.41	22.37	
1.4	64QAM	6	0	21.45	21.41	21.36	22

Band 13							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.36		25
10	QPSK	1	25		24.38		
10	QPSK	1	49		24.47		
10	QPSK	25	0		23.43		24
10	QPSK	25	12		23.53		
10	QPSK	25	25		23.51		
10	QPSK	50	0		23.53		
10	16QAM	1	0		23.71		24
10	16QAM	1	25		23.74		
10	16QAM	1	49		23.74		
10	16QAM	25	0		22.49		23
10	16QAM	25	12		22.54		
10	16QAM	25	25		22.55		
10	16QAM	50	0		22.50		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.71		
10	64QAM	1	49		22.63		
10	64QAM	25	0		21.51		22
10	64QAM	25	12		21.56		
10	64QAM	25	25		21.56		
10	64QAM	50	0		21.53		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.29	24.31	24.35	25
5	QPSK	1	12	24.30	24.32	24.33	
5	QPSK	1	24	24.43	24.42	24.45	
5	QPSK	12	0	23.42	23.43	23.40	24
5	QPSK	12	7	23.47	23.41	23.50	
5	QPSK	12	13	23.49	23.53	23.46	
5	QPSK	25	0	23.47	23.45	23.52	
5	16QAM	1	0	23.66	23.66	23.62	24
5	16QAM	1	12	23.65	23.70	23.68	
5	16QAM	1	24	23.64	23.74	23.67	
5	16QAM	12	0	22.39	22.43	22.46	23
5	16QAM	12	7	22.49	22.53	22.51	
5	16QAM	12	13	22.46	22.50	22.53	
5	16QAM	25	0	22.47	22.40	22.49	
5	64QAM	1	0	22.60	22.58	22.56	23
5	64QAM	1	12	22.67	22.65	22.65	
5	64QAM	1	24	22.62	22.59	22.58	
5	64QAM	12	0	21.41	21.45	21.49	22
5	64QAM	12	7	21.49	21.53	21.47	
5	64QAM	12	13	21.56	21.53	21.55	
5	64QAM	25	0	21.48	21.46	21.47	

Band 14							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		24.41		25
10	QPSK	1	25		24.31		
10	QPSK	1	49		24.29		
10	QPSK	25	0		23.42		24
10	QPSK	25	12		23.41		
10	QPSK	25	25		23.47		
10	QPSK	50	0		23.40		
10	16QAM	1	0		23.76		24
10	16QAM	1	25		23.78		
10	16QAM	1	49		23.69		
10	16QAM	25	0		22.40		23
10	16QAM	25	12		22.44		
10	16QAM	25	25		22.45		
10	16QAM	50	0		22.40		
10	64QAM	1	0		22.65		23
10	64QAM	1	25		22.68		
10	64QAM	1	49		22.59		
10	64QAM	25	0		21.45		22
10	64QAM	25	12		21.48		
10	64QAM	25	25		21.50		
10	64QAM	50	0		21.42		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.39	24.32	24.35	25
5	QPSK	1	12	24.22	24.29	24.26	
5	QPSK	1	24	24.24	24.25	24.24	
5	QPSK	12	0	23.34	23.34	23.40	24
5	QPSK	12	7	23.34	23.33	23.38	
5	QPSK	12	13	23.44	23.43	23.46	
5	QPSK	25	0	23.37	23.31	23.32	
5	16QAM	1	0	23.74	23.67	23.76	24
5	16QAM	1	12	23.69	23.68	23.72	
5	16QAM	1	24	23.59	23.64	23.60	
5	16QAM	12	0	22.30	22.32	22.35	23
5	16QAM	12	7	22.38	22.34	22.44	
5	16QAM	12	13	22.36	22.36	22.36	
5	16QAM	25	0	22.37	22.38	22.35	
5	64QAM	1	0	22.58	22.60	22.65	23
5	64QAM	1	12	22.59	22.59	22.63	
5	64QAM	1	24	22.53	22.51	22.49	
5	64QAM	12	0	21.38	21.43	21.37	22
5	64QAM	12	7	21.47	21.39	21.47	
5	64QAM	12	13	21.43	21.43	21.50	
5	64QAM	25	0	21.42	21.41	21.33	

Band 17							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.24	24.16	24.23	25
10	QPSK	1	25	24.23	24.25	24.30	
10	QPSK	1	49	24.28	24.31	24.29	
10	QPSK	25	0	23.33	23.33	23.36	24
10	QPSK	25	12	23.45	23.39	23.39	
10	QPSK	25	25	23.48	23.50	23.48	
10	QPSK	50	0	23.47	23.38	23.37	
10	16QAM	1	0	23.59	23.61	23.61	24
10	16QAM	1	25	23.64	23.66	23.68	
10	16QAM	1	49	23.72	23.70	23.69	
10	16QAM	25	0	22.34	22.34	22.36	23
10	16QAM	25	12	22.45	22.41	22.40	
10	16QAM	25	25	22.44	22.48	22.46	
10	16QAM	50	0	22.46	22.39	22.38	
10	64QAM	1	0	22.50	22.46	22.47	23
10	64QAM	1	25	22.60	22.59	22.59	
10	64QAM	1	49	22.55	22.61	22.59	
10	64QAM	25	0	21.36	21.33	21.36	22
10	64QAM	25	12	21.46	21.46	21.43	
10	64QAM	25	25	21.50	21.51	21.50	
10	64QAM	50	0	21.51	21.43	21.41	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.15	24.10	24.15	25
5	QPSK	1	12	24.17	24.18	24.29	
5	QPSK	1	24	24.18	24.29	24.19	
5	QPSK	12	0	23.33	23.28	23.26	24
5	QPSK	12	7	23.38	23.32	23.31	
5	QPSK	12	13	23.44	23.43	23.47	
5	QPSK	25	0	23.40	23.29	23.35	
5	16QAM	1	0	23.54	23.61	23.59	24
5	16QAM	1	12	23.54	23.64	23.65	
5	16QAM	1	24	23.65	23.66	23.63	
5	16QAM	12	0	22.26	22.31	22.36	23
5	16QAM	12	7	22.43	22.33	22.31	
5	16QAM	12	13	22.37	22.45	22.39	
5	16QAM	25	0	22.36	22.33	22.33	
5	64QAM	1	0	22.44	22.41	22.46	23
5	64QAM	1	12	22.51	22.51	22.56	
5	64QAM	1	24	22.49	22.55	22.57	
5	64QAM	12	0	21.27	21.24	21.36	22
5	64QAM	12	7	21.39	21.40	21.36	
5	64QAM	12	13	21.42	21.51	21.44	
5	64QAM	25	0	21.43	21.37	21.32	

Band 25

Ant 0

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	24.85	24.77	24.61	25
20	QPSK	1	49	24.71	24.74	24.60	
20	QPSK	1	99	24.63	24.73	23.92	
20	QPSK	50	0	23.84	23.80	23.74	24
20	QPSK	50	24	23.78	23.70	23.65	
20	QPSK	50	50	23.82	23.75	23.70	
20	QPSK	100	0	23.80	23.85	23.80	
20	16QAM	1	0	23.82	23.85	23.90	24
20	16QAM	1	49	23.86	23.85	23.90	
20	16QAM	1	99	23.89	23.84	23.25	
20	16QAM	50	0	22.83	22.81	22.74	23
20	16QAM	50	24	22.90	22.81	22.84	
20	16QAM	50	50	22.83	22.85	22.81	
20	16QAM	100	0	22.87	22.87	22.81	
20	64QAM	1	0	22.83	22.45	21.98	23
20	64QAM	1	49	22.56	22.86	22.64	
20	64QAM	1	99	22.04	22.84	21.37	
20	64QAM	50	0	21.85	21.60	20.97	22
20	64QAM	50	24	21.61	21.81	21.31	
20	64QAM	50	50	21.12	21.85	21.25	
20	64QAM	100	0	21.59	21.81	20.95	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	24.75	24.71	24.59	25
15	QPSK	1	37	24.64	24.73	24.59	
15	QPSK	1	74	24.55	24.65	23.87	
15	QPSK	36	0	23.77	23.80	23.74	24
15	QPSK	36	20	23.86	23.84	23.75	
15	QPSK	36	39	23.80	23.81	23.80	
15	QPSK	75	0	23.82	23.77	23.72	
15	16QAM	1	0	23.84	23.90	23.89	24
15	16QAM	1	37	23.83	23.87	23.85	
15	16QAM	1	74	23.83	23.84	23.16	
15	16QAM	36	0	22.81	22.76	22.72	23
15	16QAM	36	20	22.88	22.83	22.75	
15	16QAM	36	39	22.74	22.84	22.77	
15	16QAM	75	0	22.80	22.87	22.78	
15	64QAM	1	0	22.85	22.41	21.90	23
15	64QAM	1	37	22.46	22.90	22.64	
15	64QAM	1	74	21.95	22.85	21.27	
15	64QAM	36	0	21.80	21.59	20.97	22
15	64QAM	36	20	21.59	21.88	21.27	
15	64QAM	36	39	21.10	21.82	21.24	
15	64QAM	75	0	21.54	21.81	20.90	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	24.85	24.71	24.53	25
10	QPSK	1	25	24.70	24.73	24.54	
10	QPSK	1	49	24.58	24.70	23.92	
10	QPSK	25	0	23.76	23.74	23.67	24
10	QPSK	25	12	23.78	23.82	23.80	
10	QPSK	25	25	23.79	23.78	23.73	
10	QPSK	50	0	23.90	23.78	23.72	
10	16QAM	1	0	23.87	23.83	23.86	24
10	16QAM	1	25	23.81	23.90	23.85	
10	16QAM	1	49	23.81	23.88	23.23	
10	16QAM	25	0	22.81	22.78	22.64	23
10	16QAM	25	12	22.89	22.81	22.82	
10	16QAM	25	25	22.82	22.75	22.81	
10	16QAM	50	0	22.82	22.81	22.80	
10	64QAM	1	0	22.82	22.41	21.97	23
10	64QAM	1	25	22.52	22.89	22.64	
10	64QAM	1	49	21.97	22.84	21.32	
10	64QAM	25	0	21.78	21.56	20.95	22
10	64QAM	25	12	21.54	21.84	21.25	
10	64QAM	25	25	21.09	21.85	21.18	
10	64QAM	50	0	21.54	21.80	20.86	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	24.76	24.74	24.54	25
5	QPSK	1	12	24.67	24.74	24.58	
5	QPSK	1	24	24.55	24.70	23.87	
5	QPSK	12	0	23.82	23.78	23.73	24
5	QPSK	12	7	23.80	23.82	23.80	
5	QPSK	12	13	23.81	23.83	23.76	
5	QPSK	25	0	23.90	23.78	23.71	
5	16QAM	1	0	23.90	23.80	23.90	24
5	16QAM	1	12	23.83	23.81	23.90	
5	16QAM	1	24	23.89	23.86	23.17	
5	16QAM	12	0	22.78	22.73	22.66	23
5	16QAM	12	7	22.85	22.81	22.78	
5	16QAM	12	13	22.77	22.78	22.76	
5	16QAM	25	0	22.87	22.84	22.71	
5	64QAM	1	0	22.85	22.40	21.88	23
5	64QAM	1	12	22.49	22.86	22.61	
5	64QAM	1	24	22.01	22.88	21.29	
5	64QAM	12	0	21.77	21.53	20.91	22
5	64QAM	12	7	21.53	21.83	21.27	
5	64QAM	12	13	21.09	21.80	21.21	
5	64QAM	25	0	21.50	21.76	20.94	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	24.76	24.67	24.60	25
3	QPSK	1	8	24.61	24.70	24.52	
3	QPSK	1	14	24.56	24.72	23.88	
3	QPSK	8	0	23.79	23.79	23.70	24
3	QPSK	8	4	23.80	23.88	23.85	
3	QPSK	8	7	23.77	23.82	23.79	
3	QPSK	15	0	23.87	23.78	23.79	
3	16QAM	1	0	23.85	23.84	23.81	24
3	16QAM	1	8	23.79	23.84	23.89	
3	16QAM	1	14	23.82	23.86	23.22	
3	16QAM	8	0	22.82	22.78	22.73	23
3	16QAM	8	4	22.83	22.90	22.76	
3	16QAM	8	7	22.83	22.81	22.79	
3	16QAM	15	0	22.79	22.86	22.74	
3	64QAM	1	0	22.85	22.36	21.91	23
3	64QAM	1	8	22.47	22.90	22.57	
3	64QAM	1	14	21.98	21.84	21.32	
3	64QAM	8	0	21.82	21.52	20.90	22
3	64QAM	8	4	21.51	21.87	21.24	
3	64QAM	8	7	21.03	21.78	21.16	
3	64QAM	15	0	21.59	21.71	20.90	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.75	24.67	24.54	25
1.4	QPSK	1	3	24.66	24.65	24.56	
1.4	QPSK	1	5	24.60	24.65	23.86	
1.4	QPSK	3	0	24.68	24.65	24.52	
1.4	QPSK	3	1	24.64	24.62	24.54	
1.4	QPSK	3	3	24.60	24.65	23.86	
1.4	QPSK	6	0	23.88	23.83	23.73	24
1.4	16QAM	1	0	23.90	23.89	23.84	24
1.4	16QAM	1	3	23.78	23.89	23.90	
1.4	16QAM	1	5	23.87	23.87	23.23	
1.4	16QAM	3	0	23.89	23.79	23.78	
1.4	16QAM	3	1	23.73	23.82	23.81	
1.4	16QAM	3	3	23.81	23.84	23.15	
1.4	16QAM	6	0	22.82	22.77	22.74	23
1.4	64QAM	1	0	22.83	22.45	21.92	23
1.4	64QAM	1	3	22.55	22.86	22.54	
1.4	64QAM	1	5	21.99	22.81	21.27	
1.4	64QAM	3	0	22.81	22.36	21.90	
1.4	64QAM	3	1	22.55	22.90	22.50	
1.4	64QAM	3	3	21.99	22.88	21.22	
1.4	64QAM	6	0	21.53	21.77	20.85	21.9

Band 26

Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.29	24.21	24.20	25
15	QPSK	1	37	24.19	24.18	24.16	
15	QPSK	1	74	24.21	24.17	24.09	
15	QPSK	36	0	23.38	23.33	23.35	24
15	QPSK	36	20	23.40	23.34	23.38	
15	QPSK	36	39	23.40	23.30	23.35	
15	QPSK	75	0	23.41	23.30	23.31	
15	16QAM	1	0	23.62	23.50	23.50	24
15	16QAM	1	37	23.54	23.51	23.52	
15	16QAM	1	74	23.53	23.50	23.37	
15	16QAM	36	0	22.37	22.36	22.36	23
15	16QAM	36	20	22.42	22.32	22.37	
15	16QAM	36	39	22.40	22.36	22.32	
15	16QAM	75	0	22.42	22.32	22.33	
15	64QAM	1	0	22.45	22.34	22.38	23
15	64QAM	1	37	22.47	22.41	22.45	
15	64QAM	1	74	22.41	22.41	21.72	
15	64QAM	36	0	21.41	21.40	21.41	22
15	64QAM	36	20	21.45	21.32	21.41	
15	64QAM	36	39	21.42	21.43	21.41	
15	64QAM	75	0	21.43	21.34	21.34	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.24	24.08	24.17	25
10	QPSK	1	25	24.15	24.17	24.09	
10	QPSK	1	49	24.12	24.12	24.02	
10	QPSK	25	0	23.31	23.30	23.25	24
10	QPSK	25	12	23.35	23.20	23.37	
10	QPSK	25	25	23.40	23.31	23.32	
10	QPSK	50	0	23.38	23.21	23.23	
10	16QAM	1	0	23.58	23.41	23.44	24
10	16QAM	1	25	23.54	23.51	23.50	
10	16QAM	1	49	23.52	23.50	23.31	
10	16QAM	25	0	22.31	22.32	22.28	23
10	16QAM	25	12	22.35	22.31	22.32	
10	16QAM	25	25	22.40	22.34	22.28	
10	16QAM	50	0	22.41	22.25	22.30	
10	64QAM	1	0	22.42	22.26	22.38	23
10	64QAM	1	25	22.42	22.32	22.43	
10	64QAM	1	49	22.35	22.34	21.66	
10	64QAM	25	0	21.35	21.36	21.39	22
10	64QAM	25	12	21.40	21.28	21.41	
10	64QAM	25	25	21.38	21.36	21.32	
10	64QAM	50	0	21.37	21.27	21.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.25	24.13	24.14	25
5	QPSK	1	12	24.17	24.15	24.15	
5	QPSK	1	24	24.19	24.19	24.07	
5	QPSK	12	0	23.35	23.29	23.27	24
5	QPSK	12	7	23.36	23.24	23.35	
5	QPSK	12	13	23.36	23.27	23.26	
5	QPSK	25	0	23.32	23.20	23.23	
5	16QAM	1	0	23.59	23.48	23.41	24
5	16QAM	1	12	23.50	23.48	23.50	
5	16QAM	1	24	23.50	23.49	23.31	
5	16QAM	12	0	22.36	22.27	22.32	23
5	16QAM	12	7	22.32	22.32	22.32	
5	16QAM	12	13	22.33	22.32	22.30	
5	16QAM	25	0	22.41	22.25	22.24	
5	64QAM	1	0	22.38	22.30	22.30	23
5	64QAM	1	12	22.46	22.39	22.43	
5	64QAM	1	24	22.39	22.36	21.62	
5	64QAM	12	0	21.38	21.32	21.40	22
5	64QAM	12	7	21.38	21.23	21.32	
5	64QAM	12	13	21.40	21.42	21.41	
5	64QAM	25	0	21.36	21.31	21.32	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.25	24.11	24.12	25
3	QPSK	1	8	24.10	24.13	24.07	
3	QPSK	1	14	24.18	24.21	24.02	
3	QPSK	8	0	23.38	23.26	23.35	24
3	QPSK	8	4	23.32	23.21	23.31	
3	QPSK	8	7	23.32	23.25	23.25	
3	QPSK	15	0	23.32	23.30	23.25	
3	16QAM	1	0	23.52	23.47	23.43	24
3	16QAM	1	8	23.45	23.44	23.48	
3	16QAM	1	14	23.48	23.41	23.31	
3	16QAM	8	0	22.33	22.35	22.28	23
3	16QAM	8	4	22.32	22.32	22.33	
3	16QAM	8	7	22.38	22.31	22.25	
3	16QAM	15	0	22.39	22.28	22.33	
3	64QAM	1	0	22.37	22.27	22.37	23
3	64QAM	1	8	22.37	22.32	22.38	
3	64QAM	1	14	22.41	22.39	21.67	
3	64QAM	8	0	21.40	21.39	21.38	22
3	64QAM	8	4	21.41	21.29	21.39	
3	64QAM	8	7	21.34	21.38	21.38	
3	64QAM	15	0	21.33	21.29	21.25	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.25	24.12	24.11	25
1.4	QPSK	1	3	24.18	24.16	24.12	
1.4	QPSK	1	5	24.16	24.21	24.01	
1.4	QPSK	3	0	24.16	24.08	24.08	
1.4	QPSK	3	1	24.14	24.10	24.02	
1.4	QPSK	3	3	24.11	24.20	24.00	
1.4	QPSK	6	0	23.38	23.20	23.30	24
1.4	16QAM	1	0	23.59	23.42	23.40	24
1.4	16QAM	1	3	23.44	23.46	23.51	
1.4	16QAM	1	5	23.45	23.49	23.37	
1.4	16QAM	3	0	23.49	23.35	23.38	
1.4	16QAM	3	1	23.41	23.39	23.44	
1.4	16QAM	3	3	23.42	23.47	23.31	
1.4	16QAM	6	0	22.40	22.31	22.27	23
1.4	64QAM	1	0	22.39	22.31	22.34	23
1.4	64QAM	1	3	22.44	22.37	22.42	
1.4	64QAM	1	5	22.41	22.31	21.62	
1.4	64QAM	3	0	22.37	22.25	22.26	
1.4	64QAM	3	1	22.39	22.34	22.35	
1.4	64QAM	3	3	22.40	22.29	21.62	
1.4	64QAM	6	0	21.39	21.32	21.24	22

Band 30							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		24.61		25
10	QPSK	1	25		24.65		
10	QPSK	1	49		24.62		
10	QPSK	25	0		23.62		24
10	QPSK	25	12		23.68		
10	QPSK	25	25		23.71		
10	QPSK	50	0		23.69		
10	16QAM	1	0		23.99		24
10	16QAM	1	25		23.93		
10	16QAM	1	49		23.98		
10	16QAM	25	0		22.64		23
10	16QAM	25	12		22.71		
10	16QAM	25	25		22.70		
10	16QAM	50	0		22.70		
10	64QAM	1	0		22.82		23
10	64QAM	1	25		22.90		
10	64QAM	1	49		22.83		
10	64QAM	25	0		21.69		22
10	64QAM	25	12		21.71		
10	64QAM	25	25		21.75		
10	64QAM	50	0		21.70		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	24.53	24.51	24.55	25
5	QPSK	1	12	24.60	24.59	24.63	
5	QPSK	1	24	24.54	24.56	24.60	
5	QPSK	12	0	23.60	23.61	23.57	24
5	QPSK	12	7	23.62	23.64	23.59	
5	QPSK	12	13	23.68	23.63	23.64	
5	QPSK	25	0	23.62	23.64	23.63	
5	16QAM	1	0	23.93	23.96	23.93	24
5	16QAM	1	12	23.93	23.88	23.88	
5	16QAM	1	24	23.93	23.89	23.92	
5	16QAM	12	0	22.54	22.59	22.60	23
5	16QAM	12	7	22.68	22.65	22.71	
5	16QAM	12	13	22.65	22.64	22.67	
5	16QAM	25	0	22.63	22.67	22.62	
5	64QAM	1	0	22.81	22.75	22.78	23
5	64QAM	1	12	22.81	22.86	22.82	
5	64QAM	1	24	22.80	22.77	22.80	
5	64QAM	12	0	21.65	21.63	21.60	22
5	64QAM	12	7	21.64	21.63	21.63	
5	64QAM	12	13	21.69	21.73	21.68	
5	64QAM	25	0	21.70	21.65	21.63	

Band 66

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.69	21.72	21.80	22.2
20	QPSK	1	49	21.59	21.60	21.70	
20	QPSK	1	99	21.61	21.58	21.59	
20	QPSK	50	0	21.34	21.39	21.47	22.2
20	QPSK	50	24	21.44	21.38	21.48	
20	QPSK	50	50	21.39	21.39	21.50	
20	QPSK	100	0	21.38	21.32	21.45	
20	16QAM	1	0	21.43	21.00	21.62	22.2
20	16QAM	1	49	21.44	21.15	21.60	
20	16QAM	1	99	21.45	21.56	21.63	
20	16QAM	50	0	21.38	21.58	20.95	22.2
20	16QAM	50	24	21.44	21.49	21.44	
20	16QAM	50	50	21.41	21.34	21.47	
20	16QAM	100	0	21.46	21.48	21.42	
20	64QAM	1	0	21.31	21.37	21.42	22.2
20	64QAM	1	49	21.23	21.28	21.36	
20	64QAM	1	99	21.22	21.25	21.31	
20	64QAM	50	0	21.35	21.37	21.43	22
20	64QAM	50	24	21.45	21.37	21.45	
20	64QAM	50	50	21.37	21.39	21.48	
20	64QAM	100	0	21.40	21.29	21.43	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.67	21.67	21.74	22.2
15	QPSK	1	37	21.55	21.50	21.60	
15	QPSK	1	74	21.57	21.53	21.50	
15	QPSK	36	0	21.29	21.33	21.42	22.2
15	QPSK	36	20	21.39	21.28	21.44	
15	QPSK	36	39	21.39	21.30	21.50	
15	QPSK	75	0	21.35	21.22	21.39	
15	16QAM	1	0	21.37	20.98	21.58	22.2
15	16QAM	1	37	21.34	21.08	21.58	
15	16QAM	1	74	21.45	21.49	21.53	
15	16QAM	36	0	21.32	21.55	20.89	22.2
15	16QAM	36	20	21.35	21.47	21.39	
15	16QAM	36	39	21.32	21.29	21.38	
15	16QAM	75	0	21.39	21.40	21.42	
15	64QAM	1	0	21.27	21.30	21.34	22.2
15	64QAM	1	37	21.14	21.23	21.29	
15	64QAM	1	74	21.16	21.25	21.30	
15	64QAM	36	0	21.27	21.35	21.33	22
15	64QAM	36	20	21.39	21.34	21.37	
15	64QAM	36	39	21.33	21.39	21.47	
15	64QAM	75	0	21.36	21.29	21.43	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.63	21.65	21.70	22.2
10	QPSK	1	25	21.50	21.53	21.66	
10	QPSK	1	49	21.52	21.50	21.49	
10	QPSK	25	0	21.33	21.36	21.40	22.2
10	QPSK	25	12	21.38	21.38	21.47	
10	QPSK	25	25	21.34	21.30	21.41	
10	QPSK	50	0	21.33	21.27	21.45	
10	16QAM	1	0	21.35	20.96	21.53	22.2
10	16QAM	1	25	21.35	21.06	21.55	
10	16QAM	1	49	21.37	21.54	21.56	
10	16QAM	25	0	21.31	21.51	20.85	22.2
10	16QAM	25	12	21.36	21.48	21.44	
10	16QAM	25	25	21.40	21.27	21.44	
10	16QAM	50	0	21.44	21.46	21.38	
10	64QAM	1	0	21.29	21.29	21.42	22.2
10	64QAM	1	25	21.23	21.21	21.35	
10	64QAM	1	49	21.12	21.25	21.22	
10	64QAM	25	0	21.27	21.31	21.37	22
10	64QAM	25	12	21.40	21.27	21.45	
10	64QAM	25	25	21.36	21.39	21.44	
10	64QAM	50	0	21.30	21.23	21.42	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.62	21.69	21.77	22.2
5	QPSK	1	12	21.55	21.57	21.69	
5	QPSK	1	24	21.55	21.52	21.56	
5	QPSK	12	0	21.32	21.34	21.37	22.2
5	QPSK	12	7	21.40	21.29	21.48	
5	QPSK	12	13	21.34	21.31	21.48	
5	QPSK	25	0	21.32	21.25	21.41	
5	16QAM	1	0	21.40	20.98	21.54	22.2
5	16QAM	1	12	21.37	21.14	21.58	
5	16QAM	1	24	21.41	21.49	21.58	
5	16QAM	12	0	21.32	21.51	20.87	22.2
5	16QAM	12	7	21.40	21.45	21.37	
5	16QAM	12	13	21.34	21.25	21.41	
5	16QAM	25	0	21.41	21.38	21.32	
5	64QAM	1	0	21.28	21.36	21.34	22.2
5	64QAM	1	12	21.23	21.18	21.26	
5	64QAM	1	24	21.12	21.17	21.29	
5	64QAM	12	0	21.28	21.34	21.38	22
5	64QAM	12	7	21.37	21.35	21.43	
5	64QAM	12	13	21.27	21.37	21.46	
5	64QAM	25	0	21.39	21.24	21.35	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.61	21.72	21.72	22.2
3	QPSK	1	8	21.50	21.55	21.68	
3	QPSK	1	14	21.60	21.57	21.52	
3	QPSK	8	0	21.30	21.30	21.39	22.2
3	QPSK	8	4	21.40	21.29	21.46	
3	QPSK	8	7	21.35	21.32	21.41	
3	QPSK	15	0	21.30	21.22	21.44	
3	16QAM	1	0	21.43	20.92	21.52	22.2
3	16QAM	1	8	21.41	21.14	21.56	
3	16QAM	1	14	21.41	21.46	21.56	
3	16QAM	8	0	21.32	21.49	20.94	22.2
3	16QAM	8	4	21.39	21.40	21.37	
3	16QAM	8	7	21.39	21.27	21.47	
3	16QAM	15	0	21.40	21.45	21.35	
3	64QAM	1	0	21.28	21.35	21.38	22.2
3	64QAM	1	8	21.22	21.23	21.30	
3	64QAM	1	14	21.16	21.25	21.24	
3	64QAM	8	0	21.33	21.32	21.37	22
3	64QAM	8	4	21.36	21.36	21.44	
3	64QAM	8	7	21.33	21.31	21.42	
3	64QAM	15	0	21.33	21.26	21.34	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.65	21.66	21.74	22.2
1.4	QPSK	1	3	21.51	21.55	21.69	
1.4	QPSK	1	5	21.53	21.50	21.59	
1.4	QPSK	3	0	21.32	21.30	21.42	
1.4	QPSK	3	1	21.34	21.34	21.43	
1.4	QPSK	3	3	21.36	21.31	21.45	
1.4	QPSK	6	0	21.30	21.32	21.44	22.2
1.4	16QAM	1	0	21.33	20.96	21.59	22.2
1.4	16QAM	1	3	21.40	21.05	21.59	
1.4	16QAM	1	5	21.41	21.56	21.60	
1.4	16QAM	3	0	21.29	21.51	20.89	
1.4	16QAM	3	1	21.38	21.44	21.42	
1.4	16QAM	3	3	21.37	21.24	21.38	
1.4	16QAM	6	0	21.44	21.45	21.35	22.2
1.4	64QAM	1	0	21.27	21.33	21.36	22.2
1.4	64QAM	1	3	21.21	21.19	21.28	
1.4	64QAM	1	5	21.21	21.15	21.22	
1.4	64QAM	3	0	21.30	21.32	21.43	
1.4	64QAM	3	1	21.43	21.31	21.42	
1.4	64QAM	3	3	21.28	21.37	21.39	
1.4	64QAM	6	0	21.34	21.28	21.43	22

Band 71							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	24.40	24.34	24.28	25
20	QPSK	1	49	24.30	24.32	24.31	
20	QPSK	1	99	24.30	24.30	24.26	
20	QPSK	50	0	23.45	23.52	23.39	24
20	QPSK	50	24	23.42	23.42	23.46	
20	QPSK	50	50	23.50	23.51	23.50	
20	QPSK	100	0	23.48	23.44	23.48	
20	16QAM	1	0	23.72	23.62	23.64	24
20	16QAM	1	49	23.65	23.69	23.65	
20	16QAM	1	99	23.65	23.69	23.62	
20	16QAM	50	0	22.47	22.42	22.40	23
20	16QAM	50	24	22.52	22.45	22.42	
20	16QAM	50	50	22.51	22.53	22.49	
20	16QAM	100	0	22.46	22.42	22.47	
20	64QAM	1	0	22.60	22.50	22.48	23
20	64QAM	1	49	22.50	22.55	22.52	
20	64QAM	1	99	22.57	22.59	22.50	
20	64QAM	50	0	21.49	21.40	21.41	22
20	64QAM	50	24	21.52	21.47	21.46	
20	64QAM	50	50	21.49	21.53	21.52	
20	64QAM	100	0	21.53	21.41	21.49	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.33	24.29	24.18	25
15	QPSK	1	37	24.27	24.24	24.25	
15	QPSK	1	74	24.24	24.34	24.17	
15	QPSK	36	0	23.39	23.37	23.31	24
15	QPSK	36	20	23.50	23.38	23.42	
15	QPSK	36	39	23.49	23.51	23.47	
15	QPSK	75	0	23.48	23.36	23.41	
15	16QAM	1	0	23.69	23.56	23.59	24
15	16QAM	1	37	23.59	23.66	23.58	
15	16QAM	1	74	23.65	23.66	23.53	
15	16QAM	36	0	22.43	22.37	22.39	23
15	16QAM	36	20	22.45	22.36	22.35	
15	16QAM	36	39	22.50	22.43	22.47	
15	16QAM	75	0	22.38	22.42	22.39	
15	64QAM	1	0	22.50	22.43	22.38	23
15	64QAM	1	37	22.46	22.45	22.49	
15	64QAM	1	74	22.53	22.50	22.43	
15	64QAM	36	0	21.47	21.37	21.37	22
15	64QAM	36	20	21.47	21.40	21.38	
15	64QAM	36	39	21.41	21.48	21.43	
15	64QAM	75	0	21.46	21.32	21.46	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	24.35	24.30	24.18	25
10	QPSK	1	25	24.27	24.27	24.23	
10	QPSK	1	49	24.20	24.25	24.24	
10	QPSK	25	0	23.45	23.42	23.32	24
10	QPSK	25	12	23.52	23.32	23.37	
10	QPSK	25	25	23.42	23.47	23.44	
10	QPSK	50	0	23.46	23.36	23.43	
10	16QAM	1	0	23.64	23.60	23.60	24
10	16QAM	1	25	23.63	23.63	23.57	
10	16QAM	1	49	23.57	23.62	23.52	
10	16QAM	25	0	22.43	22.39	22.37	23
10	16QAM	25	12	22.49	22.36	22.32	
10	16QAM	25	25	22.46	22.52	22.43	
10	16QAM	50	0	22.36	22.41	22.43	
10	64QAM	1	0	22.55	22.43	22.46	23
10	64QAM	1	25	22.43	22.47	22.52	
10	64QAM	1	49	22.50	22.54	22.42	
10	64QAM	25	0	21.43	21.37	21.35	22
10	64QAM	25	12	21.46	21.37	21.37	
10	64QAM	25	25	21.44	21.52	21.50	
10	64QAM	50	0	21.47	21.32	21.46	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	24.32	24.25	24.23	25
5	QPSK	1	12	24.23	24.28	24.28	
5	QPSK	1	24	24.22	24.24	24.18	
5	QPSK	12	0	23.43	23.37	23.36	24
5	QPSK	12	7	23.48	23.39	23.36	
5	QPSK	12	13	23.50	23.45	23.42	
5	QPSK	25	0	23.47	23.39	23.43	
5	16QAM	1	0	23.65	23.62	23.61	24
5	16QAM	1	12	23.59	23.66	23.64	
5	16QAM	1	24	23.59	23.67	23.53	
5	16QAM	12	0	22.38	22.42	22.38	23
5	16QAM	12	7	22.42	22.39	22.34	
5	16QAM	12	13	22.46	22.48	22.45	
5	16QAM	25	0	22.42	22.34	22.37	
5	64QAM	1	0	22.51	22.45	22.46	23
5	64QAM	1	12	22.50	22.52	22.43	
5	64QAM	1	24	22.47	22.57	22.46	
5	64QAM	12	0	21.48	21.36	21.40	22
5	64QAM	12	7	21.44	21.41	21.45	
5	64QAM	12	13	21.46	21.51	21.42	
5	64QAM	25	0	21.43	21.36	21.41	

Band 38

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.16	24.19	24.23	25
20	QPSK	1	49	24.23	24.26	24.27	
20	QPSK	1	99	24.23	24.31	24.30	
20	QPSK	50	0	23.28	23.33	23.38	24
20	QPSK	50	24	23.36	23.35	23.34	
20	QPSK	50	50	23.41	23.41	23.44	
20	QPSK	100	0	23.38	23.36	23.35	
20	16QAM	1	0	23.28	23.31	23.31	24
20	16QAM	1	49	23.29	23.33	23.36	
20	16QAM	1	99	23.36	23.42	23.38	
20	16QAM	50	0	22.32	22.36	22.37	23
20	16QAM	50	24	22.40	22.37	22.36	
20	16QAM	50	50	22.42	22.46	22.44	
20	16QAM	100	0	22.40	22.38	22.36	
20	64QAM	1	0	21.97	21.97	22.02	23
20	64QAM	1	49	22.01	22.06	22.08	
20	64QAM	1	99	22.10	22.13	22.08	
20	64QAM	50	0	21.33	21.38	21.37	22
20	64QAM	50	24	21.39	21.39	21.40	
20	64QAM	50	50	21.43	21.45	21.45	
20	64QAM	100	0	21.41	21.37	21.38	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.14	24.12	24.18	25
15	QPSK	1	37	24.17	24.26	24.27	
15	QPSK	1	74	24.14	24.30	24.30	
15	QPSK	36	0	23.22	23.25	23.31	24
15	QPSK	36	20	23.32	23.28	23.31	
15	QPSK	36	39	23.35	23.31	23.37	
15	QPSK	75	0	23.36	23.32	23.25	
15	16QAM	1	0	23.22	23.31	23.24	24
15	16QAM	1	37	23.24	23.31	23.30	
15	16QAM	1	74	23.28	23.42	23.35	
15	16QAM	36	0	22.22	22.29	22.35	23
15	16QAM	36	20	22.34	22.29	22.32	
15	16QAM	36	39	22.35	22.39	22.36	
15	16QAM	75	0	22.38	22.32	22.32	
15	64QAM	1	0	21.97	21.97	22.02	23
15	64QAM	1	37	21.96	22.03	22.06	
15	64QAM	1	74	22.00	22.08	21.98	
15	64QAM	36	0	21.23	21.37	21.35	22
15	64QAM	36	20	21.38	21.31	21.37	
15	64QAM	36	39	21.37	21.40	21.37	
15	64QAM	75	0	21.41	21.32	21.30	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.07	24.17	24.19	25
10	QPSK	1	25	24.21	24.26	24.18	
10	QPSK	1	49	24.14	24.28	24.26	
10	QPSK	25	0	23.22	23.27	23.36	24
10	QPSK	25	12	23.33	23.30	23.24	
10	QPSK	25	25	23.38	23.39	23.35	
10	QPSK	50	0	23.35	23.36	23.26	
10	16QAM	1	0	23.22	23.31	23.30	24
10	16QAM	1	25	23.29	23.31	23.33	
10	16QAM	1	49	23.30	23.36	23.28	
10	16QAM	25	0	22.30	22.30	22.28	23
10	16QAM	25	12	22.30	22.35	22.32	
10	16QAM	25	25	22.34	22.43	22.38	
10	16QAM	50	0	22.32	22.33	22.30	
10	64QAM	1	0	21.89	21.89	22.02	23
10	64QAM	1	25	21.98	21.99	22.03	
10	64QAM	1	49	22.03	22.06	22.00	
10	64QAM	25	0	21.33	21.34	21.28	22
10	64QAM	25	12	21.33	21.37	21.31	
10	64QAM	25	25	21.33	21.40	21.39	
10	64QAM	50	0	21.32	21.36	21.29	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.11	24.16	24.18	25
5	QPSK	1	12	24.22	24.20	24.19	
5	QPSK	1	24	24.14	24.29	24.28	
5	QPSK	12	0	23.23	23.30	23.33	24
5	QPSK	12	7	23.31	23.28	23.33	
5	QPSK	12	13	23.34	23.31	23.38	
5	QPSK	25	0	23.34	23.31	23.27	
5	16QAM	1	0	23.24	23.31	23.25	24
5	16QAM	1	12	23.23	23.31	23.29	
5	16QAM	1	24	23.33	23.42	23.38	
5	16QAM	12	0	22.23	22.33	22.37	23
5	16QAM	12	7	22.34	22.27	22.31	
5	16QAM	12	13	22.38	22.36	22.40	
5	16QAM	25	0	22.38	22.28	22.27	
5	64QAM	1	0	21.90	21.92	21.93	23
5	64QAM	1	12	21.92	22.03	22.01	
5	64QAM	1	24	22.07	22.06	22.08	
5	64QAM	12	0	21.28	21.33	21.36	22
5	64QAM	12	7	21.38	21.29	21.34	
5	64QAM	12	13	21.34	21.36	21.40	
5	64QAM	25	0	21.37	21.32	21.35	

Band 38_HPUE

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.01	26.06	26.07	27.5
20	QPSK	1	49	26.08	26.10	26.10	
20	QPSK	1	99	26.11	26.14	25.99	
20	QPSK	50	0	25.27	25.13	24.99	26.5
20	QPSK	50	24	25.27	25.10	25.00	
20	QPSK	50	50	25.16	24.99	24.87	
20	QPSK	100	0	25.30	25.14	25.03	
20	16QAM	1	0	25.40	25.45	25.48	26.5
20	16QAM	1	49	25.48	25.49	25.47	
20	16QAM	1	99	25.47	25.48	25.32	
20	16QAM	50	0	24.28	24.36	24.30	25.5
20	16QAM	50	24	24.39	24.37	24.32	
20	16QAM	50	50	24.40	24.41	24.25	
20	16QAM	100	0	24.39	24.25	24.11	
20	64QAM	1	0	23.79	23.74	23.65	25.5
20	64QAM	1	49	23.62	23.60	23.62	
20	64QAM	1	99	23.62	23.66	23.53	
20	64QAM	50	0	22.73	22.55	22.58	24.5
20	64QAM	50	24	22.69	22.56	22.56	
20	64QAM	50	50	22.58	22.52	22.61	
20	64QAM	100	0	22.53	22.56	22.68	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.95	26.03	25.97	27.5
15	QPSK	1	37	26.08	26.10	26.03	
15	QPSK	1	74	26.04	26.10	25.95	
15	QPSK	36	0	25.24	25.08	24.96	26.5
15	QPSK	36	20	25.18	25.10	24.95	
15	QPSK	36	39	25.08	24.89	24.85	
15	QPSK	75	0	25.27	25.04	24.99	
15	16QAM	1	0	25.36	25.40	25.41	26.5
15	16QAM	1	37	25.40	25.47	25.40	
15	16QAM	1	74	25.42	25.43	25.32	
15	16QAM	36	0	24.25	24.26	24.24	25.5
15	16QAM	36	20	24.37	24.36	24.32	
15	16QAM	36	39	24.36	24.34	24.24	
15	16QAM	75	0	24.36	24.18	24.01	
15	64QAM	1	0	23.71	23.64	23.64	25.5
15	64QAM	1	37	23.53	23.58	23.59	
15	64QAM	1	74	23.62	23.62	23.55	
15	64QAM	36	0	22.70	22.54	22.60	24.5
15	64QAM	36	20	22.61	22.58	22.62	
15	64QAM	36	39	22.59	22.52	22.60	
15	64QAM	75	0	22.56	22.58	22.64	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.97	25.96	26.00	27.5
10	QPSK	1	25	25.98	26.05	26.05	
10	QPSK	1	49	26.08	26.08	25.92	
10	QPSK	25	0	25.27	25.05	24.93	26.5
10	QPSK	25	12	25.27	25.08	24.97	
10	QPSK	25	25	25.15	24.91	24.81	
10	QPSK	50	0	25.23	25.06	25.01	
10	16QAM	1	0	25.31	25.38	25.42	26.5
10	16QAM	1	25	25.38	25.48	25.45	
10	16QAM	1	49	25.39	25.39	25.31	
10	16QAM	25	0	24.21	24.35	24.26	25.5
10	16QAM	25	12	24.39	24.33	24.32	
10	16QAM	25	25	24.30	24.41	24.15	
10	16QAM	50	0	24.34	24.24	24.04	
10	64QAM	1	0	23.74	23.70	23.59	25.5
10	64QAM	1	25	23.54	23.57	23.60	
10	64QAM	1	49	23.55	23.65	23.59	
10	64QAM	25	0	22.69	22.54	22.58	24.5
10	64QAM	25	12	22.69	22.52	22.60	
10	64QAM	25	25	22.58	22.52	22.57	
10	64QAM	50	0	22.58	22.52	22.68	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.00	26.01	26.07	27.5
5	QPSK	1	12	26.04	26.05	26.04	
5	QPSK	1	24	26.04	26.10	25.90	
5	QPSK	12	0	25.23	25.06	24.89	26.5
5	QPSK	12	7	25.20	25.05	24.95	
5	QPSK	12	13	25.15	24.89	24.83	
5	QPSK	25	0	25.25	25.07	25.02	
5	16QAM	1	0	25.31	25.40	25.48	26.5
5	16QAM	1	12	25.40	25.40	25.40	
5	16QAM	1	24	25.47	25.48	25.24	
5	16QAM	12	0	24.27	24.35	24.28	25.5
5	16QAM	12	7	24.34	24.34	24.25	
5	16QAM	12	13	24.34	24.35	24.21	
5	16QAM	25	0	24.38	24.25	24.03	
5	64QAM	1	0	23.76	23.69	23.57	25.5
5	64QAM	1	12	23.52	23.50	23.62	
5	64QAM	1	24	23.53	23.61	23.59	
5	64QAM	12	0	22.70	22.54	22.55	24.5
5	64QAM	12	7	22.65	22.51	22.53	
5	64QAM	12	13	22.54	22.52	22.61	
5	64QAM	25	0	22.57	22.52	22.64	

Band 41

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.47	24.31	24.29	24.02	23.73	25
20	QPSK	1	49	24.51	24.31	24.27	24.29	24.10	
20	QPSK	1	99	24.44	24.21	24.39	23.84	24.05	
20	QPSK	50	0	23.62	23.46	23.37	23.33	23.09	24
20	QPSK	50	24	23.55	23.42	23.37	23.30	23.25	
20	QPSK	50	50	23.53	23.39	23.44	23.18	23.25	
20	QPSK	100	0	23.56	23.41	23.37	23.22	23.16	
20	16QAM	1	0	23.60	23.42	23.42	23.16	22.80	24
20	16QAM	1	49	23.59	23.40	23.35	23.42	23.19	
20	16QAM	1	99	23.56	23.45	23.46	22.94	23.17	
20	16QAM	50	0	22.65	22.50	22.39	22.34	22.13	23
20	16QAM	50	24	22.59	22.43	22.41	22.33	22.26	
20	16QAM	50	50	22.56	22.41	22.48	22.20	22.26	
20	16QAM	100	0	22.57	22.42	22.39	22.22	22.17	
20	64QAM	1	0	22.33	22.15	22.09	21.89	21.38	23
20	64QAM	1	49	22.31	22.13	22.12	22.16	21.91	
20	64QAM	1	99	22.23	22.13	22.18	21.53	21.89	
20	64QAM	50	0	21.67	21.52	21.39	21.37	21.11	22
20	64QAM	50	24	21.60	21.45	21.40	21.35	21.26	
20	64QAM	50	50	21.56	21.44	21.48	21.19	21.27	
20	64QAM	100	0	21.60	21.45	21.38	21.24	21.18	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.42	24.27	24.22	23.95	23.72	25
15	QPSK	1	37	24.45	24.22	24.25	24.22	24.01	
15	QPSK	1	74	24.34	24.18	24.34	23.78	24.01	
15	QPSK	36	0	23.52	23.46	23.32	23.26	22.99	24
15	QPSK	36	20	23.47	23.42	23.30	23.29	23.18	
15	QPSK	36	39	23.50	23.34	23.35	23.08	23.16	
15	QPSK	75	0	23.51	23.37	23.29	23.14	23.12	
15	16QAM	1	0	23.60	23.37	23.33	23.12	22.70	24
15	16QAM	1	37	23.54	23.40	23.29	23.32	23.09	
15	16QAM	1	74	23.46	23.44	23.43	22.90	23.17	
15	16QAM	36	0	22.60	22.44	22.38	22.30	22.07	23
15	16QAM	36	20	22.57	22.37	22.33	22.25	22.17	
15	16QAM	36	39	22.51	22.33	22.47	22.10	22.26	
15	16QAM	75	0	22.50	22.41	22.30	22.12	22.09	
15	64QAM	1	0	22.24	22.12	22.05	21.79	21.34	23
15	64QAM	1	37	22.25	22.05	22.02	22.11	21.85	
15	64QAM	1	74	22.18	22.10	22.11	21.50	21.84	
15	64QAM	36	0	21.64	21.46	21.29	21.31	21.05	22
15	64QAM	36	20	21.56	21.45	21.37	21.34	21.18	
15	64QAM	36	39	21.50	21.42	21.38	21.14	21.17	
15	64QAM	75	0	21.51	21.44	21.30	21.21	21.18	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.47	24.23	24.22	23.93	23.66	25
10	QPSK	1	25	24.44	24.21	24.18	24.23	24.06	
10	QPSK	1	49	24.40	24.12	24.29	23.80	24.00	
10	QPSK	25	0	23.58	23.44	23.31	23.30	22.99	24
10	QPSK	25	12	23.51	23.38	23.29	23.21	23.20	
10	QPSK	25	25	23.49	23.30	23.44	23.13	23.18	
10	QPSK	50	0	23.55	23.38	23.32	23.21	23.09	
10	16QAM	1	0	23.54	23.33	23.39	23.13	22.75	24
10	16QAM	1	25	23.58	23.37	23.29	23.39	23.16	
10	16QAM	1	49	23.51	23.35	23.39	22.90	23.16	
10	16QAM	25	0	22.56	22.50	22.32	22.24	22.06	23
10	16QAM	25	12	22.50	22.34	22.33	22.26	22.18	
10	16QAM	25	25	22.49	22.39	22.47	22.11	22.18	
10	16QAM	50	0	22.48	22.36	22.37	22.16	22.15	
10	64QAM	1	0	22.28	22.13	22.05	21.85	21.32	23
10	64QAM	1	25	22.27	22.05	22.05	22.15	21.87	
10	64QAM	1	49	22.13	22.03	22.18	21.47	21.85	
10	64QAM	25	0	21.66	21.45	21.34	21.37	21.10	22
10	64QAM	25	12	21.57	21.43	21.32	21.31	21.26	
10	64QAM	25	25	21.56	21.38	21.38	21.17	21.20	
10	64QAM	50	0	21.58	21.39	21.36	21.17	21.18	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	24.38	24.27	24.25	23.95	23.64	25
5	QPSK	1	12	24.41	24.27	24.21	24.21	24.05	
5	QPSK	1	24	24.38	24.20	24.39	23.74	23.99	
5	QPSK	12	0	23.62	23.43	23.27	23.23	23.05	24
5	QPSK	12	7	23.50	23.33	23.27	23.22	23.23	
5	QPSK	12	13	23.49	23.33	23.39	23.10	23.20	
5	QPSK	25	0	23.51	23.36	23.29	23.12	23.06	
5	16QAM	1	0	23.56	23.42	23.40	23.15	22.73	24
5	16QAM	1	12	23.54	23.31	23.31	23.42	23.17	
5	16QAM	1	24	23.49	23.38	23.42	22.88	23.15	
5	16QAM	12	0	22.62	22.49	22.37	22.33	22.09	23
5	16QAM	12	7	22.52	22.40	22.33	22.32	22.22	
5	16QAM	12	13	22.54	22.38	22.39	22.11	22.24	
5	16QAM	25	0	22.56	22.41	22.29	22.14	22.12	
5	64QAM	1	0	22.32	22.11	22.09	21.86	21.28	23
5	64QAM	1	12	22.24	22.08	22.10	22.10	21.82	
5	64QAM	1	24	22.14	22.03	22.17	21.46	21.89	
5	64QAM	12	0	21.61	21.50	21.39	21.31	21.04	22
5	64QAM	12	7	21.56	21.43	21.37	21.30	21.26	
5	64QAM	12	13	21.54	21.43	21.46	21.14	21.22	
5	64QAM	25	0	21.53	21.44	21.37	21.19	21.10	

Band 41_HPUE

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.15	26.03	25.66	25.73	25.68	27.5
20	QPSK	1	49	26.14	25.98	25.68	25.98	25.79	
20	QPSK	1	99	26.13	25.97	25.55	25.52	25.72	
20	QPSK	50	0	25.40	25.24	24.88	25.10	24.84	26.5
20	QPSK	50	24	25.35	25.19	24.80	25.08	24.98	
20	QPSK	50	50	25.30	25.15	24.53	24.93	25.00	
20	QPSK	100	0	25.25	25.19	24.59	24.97	24.93	
20	16QAM	1	0	25.56	25.34	24.84	25.11	24.72	26.5
20	16QAM	1	49	25.54	25.35	25.01	25.31	25.15	
20	16QAM	1	99	25.48	25.34	24.63	24.85	25.03	
20	16QAM	50	0	24.43	24.26	24.05	24.12	23.89	25.5
20	16QAM	50	24	24.37	24.22	24.02	24.10	24.05	
20	16QAM	50	50	24.37	24.19	23.92	23.97	24.02	
20	16QAM	100	0	23.88	24.19	23.79	24.03	23.96	
20	64QAM	1	0	23.66	23.98	23.66	23.91	23.58	25.5
20	64QAM	1	49	23.89	24.05	23.52	24.19	23.80	
20	64QAM	1	99	24.02	24.14	23.53	23.64	23.51	
20	64QAM	50	0	22.82	22.93	22.84	23.11	22.89	24.5
20	64QAM	50	24	22.99	23.00	22.80	23.10	22.88	
20	64QAM	50	50	22.99	23.05	22.73	23.00	22.60	
20	64QAM	100	0	22.80	22.81	22.73	23.03	22.70	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.14	25.96	25.64	25.63	25.63	27.5
15	QPSK	1	37	26.06	25.88	25.67	25.88	25.76	
15	QPSK	1	74	26.08	25.95	25.50	25.59	25.67	
15	QPSK	36	0	25.38	25.14	24.81	25.07	24.76	26.5
15	QPSK	36	20	25.35	25.19	24.75	25.08	24.91	
15	QPSK	36	39	25.25	25.06	24.56	24.89	24.97	
15	QPSK	75	0	25.23	25.16	24.56	24.93	24.90	
15	16QAM	1	0	25.46	25.25	24.81	25.01	24.68	26.5
15	16QAM	1	37	25.52	25.28	24.94	25.29	25.15	
15	16QAM	1	74	25.44	25.33	24.61	24.76	24.96	
15	16QAM	36	0	24.38	24.26	23.99	24.06	23.88	25.5
15	16QAM	36	20	24.30	24.12	23.99	24.00	23.97	
15	16QAM	36	39	24.37	24.16	23.85	23.91	23.95	
15	16QAM	75	0	23.86	24.18	23.76	23.93	23.93	
15	64QAM	1	0	23.57	23.98	23.58	23.81	23.59	25.5
15	64QAM	1	37	23.87	23.95	23.57	24.19	23.74	
15	64QAM	1	74	23.95	24.14	23.54	23.60	23.57	
15	64QAM	36	0	22.74	22.83	22.79	23.03	22.86	24.5
15	64QAM	36	20	22.92	22.97	22.80	23.00	22.87	
15	64QAM	36	39	22.99	23.05	22.64	23.00	22.50	
15	64QAM	75	0	22.77	22.76	22.72	22.96	22.62	
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.05	26.02	25.56	25.73	25.63	27.5
10	QPSK	1	25	26.05	25.89	25.67	25.95	25.76	
10	QPSK	1	49	26.11	25.90	25.54	25.57	25.72	
10	QPSK	25	0	25.31	25.16	24.88	25.06	24.77	26.5
10	QPSK	25	12	25.30	25.17	24.78	25.06	24.88	
10	QPSK	25	25	25.26	25.11	24.56	24.84	24.99	
10	QPSK	50	0	25.21	25.11	24.51	24.87	24.92	
10	16QAM	1	0	25.54	25.24	24.84	25.10	24.63	26.5
10	16QAM	1	25	25.49	25.33	24.91	25.26	25.14	
10	16QAM	1	49	25.42	25.29	24.56	24.79	24.99	
10	16QAM	25	0	24.39	24.24	23.97	24.12	23.84	25.5
10	16QAM	25	12	24.28	24.22	23.94	24.06	23.97	
10	16QAM	25	25	24.27	24.18	23.88	23.89	23.97	
10	16QAM	50	0	23.87	24.09	23.69	24.00	23.88	
10	64QAM	1	0	23.61	23.94	23.57	23.86	23.59	25.5
10	64QAM	1	25	23.81	23.95	23.58	24.16	23.78	
10	64QAM	1	49	23.92	24.05	23.52	23.63	23.54	
10	64QAM	25	0	22.74	22.89	22.84	23.05	22.88	24.5
10	64QAM	25	12	22.96	22.92	22.73	23.02	22.84	
10	64QAM	25	25	22.94	22.98	22.69	22.91	22.58	
10	64QAM	50	0	22.76	22.80	22.65	23.00	22.61	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	26.10	25.93	25.57	25.65	25.59	27.5
5	QPSK	1	12	26.13	25.90	25.64	25.98	25.71	
5	QPSK	1	24	26.09	25.87	25.55	25.50	25.62	
5	QPSK	12	0	25.33	25.14	24.80	25.10	24.80	26.5
5	QPSK	12	7	25.26	25.16	24.72	24.98	24.93	
5	QPSK	12	13	25.26	25.15	24.51	24.90	25.00	
5	QPSK	25	0	25.25	25.19	24.54	24.94	24.87	
5	16QAM	1	0	25.46	25.28	24.84	25.11	24.71	26.5
5	16QAM	1	12	25.44	25.29	24.94	25.23	25.07	
5	16QAM	1	24	25.39	25.26	24.63	24.75	24.96	
5	16QAM	12	0	24.42	24.23	24.00	24.12	23.86	25.5
5	16QAM	12	7	24.31	24.13	24.02	24.05	24.02	
5	16QAM	12	13	24.35	24.09	23.83	23.89	23.95	
5	16QAM	25	0	23.82	24.13	23.71	24.00	23.95	
5	64QAM	1	0	23.66	23.97	23.62	23.83	23.51	25.5
5	64QAM	1	12	23.88	23.96	23.52	24.17	23.78	
5	64QAM	1	24	23.93	24.09	23.54	23.60	23.51	
5	64QAM	12	0	22.77	22.85	22.74	23.07	22.80	24.5
5	64QAM	12	7	22.99	22.98	22.72	23.07	22.83	
5	64QAM	12	13	22.99	23.05	22.68	22.94	22.51	
5	64QAM	25	0	22.74	22.78	22.67	23.02	22.68	

Band 42

Ant 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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	24.64	24.68	24.76	25
20	QPSK	1	49	24.61	24.66	24.74	
20	QPSK	1	99	24.59	24.62	24.66	
20	QPSK	50	0	23.79	23.86	23.94	24
20	QPSK	50	24	23.87	23.84	23.88	
20	QPSK	50	50	23.79	23.86	23.90	
20	QPSK	100	0	23.84	23.83	23.87	
20	16QAM	1	0	23.94	23.92	23.90	24
20	16QAM	1	49	23.93	23.95	23.90	
20	16QAM	1	99	23.96	23.98	23.99	
20	16QAM	50	0	22.85	22.87	22.97	23
20	16QAM	50	24	22.89	22.85	22.92	
20	16QAM	50	50	22.83	22.89	22.91	
20	16QAM	100	0	22.88	22.85	22.90	
20	64QAM	1	0	22.79	22.82	22.90	23
20	64QAM	1	49	22.81	22.88	22.85	
20	64QAM	1	99	22.81	22.86	22.76	
20	64QAM	50	0	21.84	21.90	21.85	22
20	64QAM	50	24	21.89	21.89	21.93	
20	64QAM	50	50	21.84	21.89	21.84	
20	64QAM	100	0	21.88	21.85	21.84	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	24.63	24.61	24.75	25
15	QPSK	1	37	24.60	24.66	24.67	
15	QPSK	1	74	24.56	24.53	24.61	
15	QPSK	36	0	23.77	23.78	23.92	24
15	QPSK	36	20	23.81	23.77	23.84	
15	QPSK	36	39	23.69	23.79	23.86	
15	QPSK	75	0	23.76	23.77	23.78	
15	16QAM	1	0	23.93	23.99	23.99	24
15	16QAM	1	37	23.87	23.95	23.97	
15	16QAM	1	74	23.86	23.88	23.97	
15	16QAM	36	0	22.78	22.77	22.97	23
15	16QAM	36	20	22.80	22.84	22.90	
15	16QAM	36	39	22.74	22.89	22.91	
15	16QAM	75	0	22.86	22.76	22.83	
15	64QAM	1	0	22.75	22.72	22.83	23
15	64QAM	1	37	22.80	22.78	22.85	
15	64QAM	1	74	22.80	22.78	22.74	
15	64QAM	36	0	21.84	21.88	21.85	22
15	64QAM	36	20	21.83	21.85	21.92	
15	64QAM	36	39	21.81	21.82	21.82	
15	64QAM	75	0	21.84	21.78	21.75	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	24.61	24.58	24.74	25
10	QPSK	1	25	24.58	24.56	24.68	
10	QPSK	1	49	24.59	24.52	24.61	
10	QPSK	25	0	23.74	23.79	23.88	24
10	QPSK	25	12	23.85	23.74	23.87	
10	QPSK	25	25	23.75	23.85	23.90	
10	QPSK	50	0	23.80	23.82	23.87	
10	16QAM	1	0	23.94	23.96	23.96	24
10	16QAM	1	25	23.90	23.96	23.90	
10	16QAM	1	49	23.92	23.88	23.98	
10	16QAM	25	0	22.76	22.77	22.92	23
10	16QAM	25	12	22.84	22.77	22.84	
10	16QAM	25	25	22.80	22.80	22.81	
10	16QAM	50	0	22.85	22.77	22.87	
10	64QAM	1	0	22.79	22.81	22.90	23
10	64QAM	1	25	22.71	22.80	22.79	
10	64QAM	1	49	22.71	22.84	22.67	
10	64QAM	25	0	21.77	21.87	21.83	22
10	64QAM	25	12	21.88	21.84	21.85	
10	64QAM	25	25	21.74	21.80	21.81	
10	64QAM	50	0	21.88	21.80	21.76	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	24.63	24.60	24.62	25
5	QPSK	1	12	24.59	24.63	24.71	
5	QPSK	1	24	24.59	24.53	24.59	
5	QPSK	12	0	23.75	23.80	23.88	24
5	QPSK	12	7	23.86	23.80	23.87	
5	QPSK	12	13	23.72	23.86	23.86	
5	QPSK	25	0	23.82	23.82	23.86	
5	16QAM	1	0	23.93	23.94	23.95	24
5	16QAM	1	12	23.84	23.93	23.91	
5	16QAM	1	24	23.91	23.91	23.97	
5	16QAM	12	0	22.79	22.86	22.94	23
5	16QAM	12	7	22.80	22.81	22.82	
5	16QAM	12	13	22.77	22.89	22.81	
5	16QAM	25	0	22.86	22.81	22.87	
5	64QAM	1	0	22.79	22.73	22.89	23
5	64QAM	1	12	22.73	22.80	22.78	
5	64QAM	1	24	22.76	22.79	22.70	
5	64QAM	12	0	21.84	21.86	21.85	22
5	64QAM	12	7	21.82	21.89	21.93	
5	64QAM	12	13	21.83	21.81	21.84	
5	64QAM	25	0	21.84	21.78	21.78	

Band 48

Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.89	24.38	24.55	20.93	25
20	QPSK	1	49	20.78	24.21	24.18	20.75	
20	QPSK	1	99	20.77	24.20	24.13	20.67	
20	QPSK	50	0	19.97	23.52	23.58	19.96	24
20	QPSK	50	24	19.92	23.53	23.50	19.90	
20	QPSK	50	50	19.88	23.47	23.44	19.80	
20	QPSK	100	0	19.93	23.52	23.51	19.87	
20	16QAM	1	0	19.91	23.68	23.68	19.92	24
20	16QAM	1	49	19.84	23.46	23.46	19.80	
20	16QAM	1	99	19.89	23.47	23.46	19.76	
20	16QAM	50	0	19.00	22.54	22.62	19.00	23
20	16QAM	50	24	18.97	22.57	22.56	18.94	
20	16QAM	50	50	18.89	22.51	22.48	18.82	
20	16QAM	100	0	18.95	22.58	22.53	18.90	
20	64QAM	1	0	18.74	22.36	22.11	18.87	23
20	64QAM	1	49	18.60	22.23	22.09	18.61	
20	64QAM	1	99	18.67	22.27	22.01	18.55	
20	64QAM	50	0	17.99	21.56	21.43	17.99	22
20	64QAM	50	24	17.96	21.59	21.46	17.94	
20	64QAM	50	50	17.90	21.52	21.35	17.82	
20	64QAM	100	0	17.95	21.57	21.36	17.91	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.82	24.38	24.36	20.87	25
15	QPSK	1	37	20.76	24.16	24.10	20.75	
15	QPSK	1	74	20.75	24.20	24.08	20.65	
15	QPSK	36	0	19.91	23.50	23.48	19.87	24
15	QPSK	36	20	19.87	23.45	23.43	19.86	
15	QPSK	36	39	19.78	23.42	23.40	19.71	
15	QPSK	75	0	19.87	23.43	23.41	19.80	
15	16QAM	1	0	19.96	23.61	23.60	19.96	24
15	16QAM	1	37	19.76	23.44	23.42	19.70	
15	16QAM	1	74	19.80	23.44	23.45	19.71	
15	16QAM	36	0	18.98	22.47	22.60	18.99	23
15	16QAM	36	20	18.96	22.56	22.46	18.89	
15	16QAM	36	39	18.81	22.49	22.39	18.72	
15	16QAM	75	0	18.88	22.51	22.48	18.84	
15	64QAM	1	0	18.73	22.26	22.07	18.82	23
15	64QAM	1	37	18.55	22.19	22.00	18.57	
15	64QAM	1	74	18.57	22.19	21.93	18.47	
15	64QAM	36	0	17.92	21.53	21.41	17.89	22
15	64QAM	36	20	17.88	21.52	21.37	17.90	
15	64QAM	36	39	17.83	21.48	21.30	17.72	
15	64QAM	75	0	17.95	21.48	21.33	17.83	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.81	24.30	24.32	20.92	25
10	QPSK	1	25	20.76	24.18	24.14	20.70	
10	QPSK	1	49	20.72	24.16	24.12	20.66	
10	QPSK	25	0	19.90	23.51	23.58	19.89	24
10	QPSK	25	12	19.90	23.46	23.48	19.88	
10	QPSK	25	25	19.87	23.45	23.38	19.72	
10	QPSK	50	0	19.91	23.42	23.51	19.84	
10	16QAM	1	0	19.94	23.59	23.66	19.96	24
10	16QAM	1	25	19.83	23.44	23.40	19.72	
10	16QAM	1	49	19.89	23.46	23.45	19.74	
10	16QAM	25	0	18.94	22.53	22.59	19.00	23
10	16QAM	25	12	18.87	22.57	22.54	18.88	
10	16QAM	25	25	18.84	22.51	22.40	18.80	
10	16QAM	50	0	18.92	22.55	22.50	18.82	
10	64QAM	1	0	18.67	22.31	22.05	18.82	23
10	64QAM	1	25	18.60	22.22	22.08	18.60	
10	64QAM	1	49	18.61	22.26	21.99	18.47	
10	64QAM	25	0	17.95	21.50	21.33	17.89	22
10	64QAM	25	12	17.92	21.54	21.43	17.84	
10	64QAM	25	25	17.89	21.42	21.25	17.77	
10	64QAM	50	0	17.87	21.56	21.36	17.81	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.81	24.33	24.39	20.92	25
5	QPSK	1	12	20.72	24.19	24.13	20.67	
5	QPSK	1	24	20.76	24.20	24.10	20.61	
5	QPSK	12	0	19.94	23.52	23.54	19.92	24
5	QPSK	12	7	19.87	23.48	23.40	19.84	
5	QPSK	12	13	19.83	23.41	23.43	19.71	
5	QPSK	25	0	19.88	23.50	23.43	19.77	
5	16QAM	1	0	19.99	23.66	23.67	19.91	24
5	16QAM	1	12	19.80	23.36	23.40	19.80	
5	16QAM	1	24	19.84	23.43	23.39	19.75	
5	16QAM	12	0	18.90	22.54	22.62	18.93	23
5	16QAM	12	7	18.97	22.54	22.55	18.89	
5	16QAM	12	13	18.83	22.41	22.48	18.75	
5	16QAM	25	0	18.92	22.54	22.48	18.87	
5	64QAM	1	0	18.73	22.28	22.03	18.77	23
5	64QAM	1	12	18.60	22.15	22.01	18.52	
5	64QAM	1	24	18.57	22.19	21.95	18.47	
5	64QAM	12	0	18.01	21.49	21.39	17.92	22
5	64QAM	12	7	17.95	21.50	21.46	17.94	
5	64QAM	12	13	17.83	21.42	21.30	17.75	
5	64QAM	25	0	17.89	21.53	21.33	17.91	

Band 38

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.93	24.94	24.98	25
20	QPSK	1	49	24.99	24.91	24.93	
20	QPSK	1	99	24.94	24.97	24.96	
20	QPSK	50	0	23.94	23.99	23.99	24
20	QPSK	50	24	23.99	23.92	23.92	
20	QPSK	50	50	23.88	23.84	23.82	
20	QPSK	100	0	23.89	23.88	23.82	
20	16QAM	1	0	23.83	23.86	23.86	24
20	16QAM	1	49	23.86	23.87	23.80	
20	16QAM	1	99	23.82	23.83	23.83	
20	16QAM	50	0	22.86	22.81	22.81	23
20	16QAM	50	24	22.89	22.86	22.83	
20	16QAM	50	50	22.80	22.86	22.80	
20	16QAM	100	0	22.88	22.83	22.82	
20	64QAM	1	0	22.80	22.81	22.81	23
20	64QAM	1	49	22.79	22.81	22.83	
20	64QAM	1	99	22.85	22.80	22.79	
20	64QAM	50	0	21.89	21.80	21.91	22
20	64QAM	50	24	21.90	21.76	21.84	
20	64QAM	50	50	21.81	21.88	21.85	
20	64QAM	100	0	21.89	21.84	21.82	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.91	24.94	24.97	25
15	QPSK	1	37	24.90	24.82	24.91	
15	QPSK	1	74	24.91	24.87	24.96	
15	QPSK	36	0	23.84	23.97	23.92	24
15	QPSK	36	20	23.96	23.87	23.83	
15	QPSK	36	39	23.79	23.80	23.72	
15	QPSK	75	0	23.81	23.87	23.78	
15	16QAM	1	0	23.74	23.83	23.81	24
15	16QAM	1	37	23.86	23.81	23.71	
15	16QAM	1	74	23.72	23.73	23.77	
15	16QAM	36	0	22.85	22.77	22.80	23
15	16QAM	36	20	22.81	22.86	22.79	
15	16QAM	36	39	22.75	22.85	22.76	
15	16QAM	75	0	22.88	22.74	22.79	
15	64QAM	1	0	22.71	22.80	22.73	23
15	64QAM	1	37	22.71	22.79	22.79	
15	64QAM	1	74	22.85	22.70	22.75	
15	64QAM	36	0	21.80	21.78	21.89	22
15	64QAM	36	20	21.87	21.70	21.80	
15	64QAM	36	39	21.77	21.82	21.83	
15	64QAM	75	0	21.89	21.84	21.79	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.92	24.89	24.91	25
10	QPSK	1	25	24.90	24.90	24.83	
10	QPSK	1	49	24.91	24.97	24.87	
10	QPSK	25	0	23.90	23.97	23.99	24
10	QPSK	25	12	23.95	23.89	23.89	
10	QPSK	25	25	23.84	23.77	23.72	
10	QPSK	50	0	23.82	23.82	23.74	
10	16QAM	1	0	23.74	23.76	23.84	24
10	16QAM	1	25	23.77	23.84	23.70	
10	16QAM	1	49	23.75	23.78	23.82	
10	16QAM	25	0	22.84	22.71	22.80	23
10	16QAM	25	12	22.87	22.81	22.82	
10	16QAM	25	25	22.70	22.77	22.75	
10	16QAM	50	0	22.86	22.75	22.74	
10	64QAM	1	0	22.80	22.74	22.74	23
10	64QAM	1	25	22.72	22.71	22.75	
10	64QAM	1	49	22.77	22.75	22.73	
10	64QAM	25	0	21.81	21.75	21.89	22
10	64QAM	25	12	21.83	21.73	21.77	
10	64QAM	25	25	21.79	21.79	21.83	
10	64QAM	50	0	21.80	21.79	21.75	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.86	24.92	24.94	25
5	QPSK	1	12	24.96	24.90	24.92	
5	QPSK	1	24	24.94	24.94	24.95	
5	QPSK	12	0	23.86	23.97	23.93	24
5	QPSK	12	7	23.91	23.82	23.83	
5	QPSK	12	13	23.88	23.82	23.81	
5	QPSK	25	0	23.79	23.82	23.72	
5	16QAM	1	0	23.74	23.76	23.86	24
5	16QAM	1	12	23.79	23.83	23.76	
5	16QAM	1	24	23.72	23.80	23.79	
5	16QAM	12	0	22.82	22.73	22.79	23
5	16QAM	12	7	22.86	22.82	22.73	
5	16QAM	12	13	22.77	22.83	22.79	
5	16QAM	25	0	22.84	22.78	22.79	
5	64QAM	1	0	22.77	22.77	22.79	23
5	64QAM	1	12	22.74	22.71	22.76	
5	64QAM	1	24	22.82	22.70	22.73	
5	64QAM	12	0	21.88	21.71	21.87	22
5	64QAM	12	7	21.88	21.71	21.84	
5	64QAM	12	13	21.80	21.83	21.80	
5	64QAM	25	0	21.84	21.77	21.72	

Band 38_HPUE

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.87	26.91	26.95	27.5
20	QPSK	1	49	26.62	26.98	26.99	
20	QPSK	1	99	26.60	27.01	27.00	
20	QPSK	50	0	25.73	25.88	26.11	26.5
20	QPSK	50	24	25.81	25.94	26.26	
20	QPSK	50	50	25.74	25.89	26.00	
20	QPSK	100	0	25.84	25.91	26.07	
20	16QAM	1	0	26.20	26.33	26.32	26.5
20	16QAM	1	49	25.96	26.26	26.32	
20	16QAM	1	99	25.96	26.37	26.34	
20	16QAM	50	0	24.94	25.08	25.29	25.5
20	16QAM	50	24	24.97	25.22	25.32	
20	16QAM	50	50	25.07	25.23	25.34	
20	16QAM	100	0	24.92	25.04	25.16	
20	64QAM	1	0	24.31	24.38	24.44	25.5
20	64QAM	1	49	24.04	24.31	24.74	
20	64QAM	1	99	24.04	24.55	24.68	
20	64QAM	50	0	23.16	23.14	23.43	24.5
20	64QAM	50	24	23.14	23.29	23.50	
20	64QAM	50	50	23.13	23.34	23.43	
20	64QAM	100	0	23.10	23.14	23.24	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.82	26.82	26.94	27.5
15	QPSK	1	37	26.58	26.91	26.95	
15	QPSK	1	74	26.58	26.99	26.98	
15	QPSK	36	0	25.63	25.85	26.01	26.5
15	QPSK	36	20	25.81	25.86	26.19	
15	QPSK	36	39	25.65	25.83	25.94	
15	QPSK	75	0	25.82	25.82	26.01	
15	16QAM	1	0	26.11	26.23	26.28	26.5
15	16QAM	1	37	25.93	26.20	26.22	
15	16QAM	1	74	25.90	26.27	26.33	
15	16QAM	36	0	24.90	25.06	25.27	25.5
15	16QAM	36	20	24.90	25.13	25.27	
15	16QAM	36	39	24.97	25.15	25.29	
15	16QAM	75	0	24.85	24.96	25.13	
15	64QAM	1	0	24.30	24.33	24.38	25.5
15	64QAM	1	37	23.99	24.25	24.74	
15	64QAM	1	74	24.04	24.55	24.66	
15	64QAM	36	0	23.12	23.11	23.43	24.5
15	64QAM	36	20	23.05	23.21	23.44	
15	64QAM	36	39	23.08	23.29	23.38	
15	64QAM	75	0	23.05	23.12	23.16	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.80	26.89	26.94	27.5
10	QPSK	1	25	26.58	26.90	26.93	
10	QPSK	1	49	26.52	27.00	26.98	
10	QPSK	25	0	25.68	25.80	26.06	26.5
10	QPSK	25	12	25.78	25.85	26.19	
10	QPSK	25	25	25.73	25.89	25.91	
10	QPSK	50	0	25.74	25.87	25.99	
10	16QAM	1	0	26.13	26.30	26.25	26.5
10	16QAM	1	25	25.86	26.19	26.23	
10	16QAM	1	49	25.90	26.32	26.31	
10	16QAM	25	0	24.90	25.07	25.22	25.5
10	16QAM	25	12	24.92	25.17	25.22	
10	16QAM	25	25	25.04	25.14	25.34	
10	16QAM	50	0	24.91	24.96	25.15	
10	64QAM	1	0	24.24	24.37	24.36	25.5
10	64QAM	1	25	23.97	24.24	24.64	
10	64QAM	1	49	24.04	24.53	24.65	
10	64QAM	25	0	23.07	23.12	23.33	24.5
10	64QAM	25	12	23.05	23.19	23.43	
10	64QAM	25	25	23.12	23.31	23.35	
10	64QAM	50	0	23.10	23.10	23.24	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.80	26.90	26.94	27.5
5	QPSK	1	12	26.59	26.97	26.91	
5	QPSK	1	24	26.53	26.96	26.91	
5	QPSK	12	0	25.64	25.85	26.04	26.5
5	QPSK	12	7	25.77	25.90	26.20	
5	QPSK	12	13	25.71	25.88	26.00	
5	QPSK	25	0	25.78	25.83	26.04	
5	16QAM	1	0	26.17	26.32	26.31	26.5
5	16QAM	1	12	25.96	26.21	26.27	
5	16QAM	1	24	25.93	26.32	26.28	
5	16QAM	12	0	24.84	25.07	25.19	25.5
5	16QAM	12	7	24.92	25.22	25.31	
5	16QAM	12	13	24.99	25.13	25.34	
5	16QAM	25	0	24.82	24.99	25.12	
5	64QAM	1	0	24.28	24.33	24.43	25.5
5	64QAM	1	12	23.96	24.26	24.67	
5	64QAM	1	24	23.95	24.49	24.64	
5	64QAM	12	0	23.06	23.09	23.41	24.5
5	64QAM	12	7	23.10	23.22	23.41	
5	64QAM	12	13	23.11	23.29	23.42	
5	64QAM	25	0	23.03	23.05	23.20	

Band 41

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.63	24.82	24.91	24.89	24.45	25
20	QPSK	1	49	24.67	24.87	24.94	24.95	24.81	
20	QPSK	1	99	24.73	24.95	24.96	24.75	24.68	
20	QPSK	50	0	23.81	23.99	23.90	23.98	23.79	24
20	QPSK	50	24	23.83	23.93	23.93	23.94	23.92	
20	QPSK	50	50	23.84	23.90	23.94	23.94	23.81	
20	QPSK	100	0	23.84	23.95	23.91	23.97	23.85	
20	16QAM	1	0	23.73	23.94	23.99	24.00	23.55	24
20	16QAM	1	49	23.73	23.98	23.91	23.99	23.88	
20	16QAM	1	99	23.84	23.93	23.92	23.86	23.75	
20	16QAM	50	0	22.81	22.83	22.82	22.80	22.81	23
20	16QAM	50	24	22.87	22.86	22.83	22.87	22.96	
20	16QAM	50	50	22.88	22.88	22.87	22.89	22.85	
20	16QAM	100	0	22.84	22.85	22.84	22.89	22.87	
20	64QAM	1	0	22.50	22.67	22.79	22.77	22.25	23
20	64QAM	1	49	22.44	22.70	22.71	22.88	22.62	
20	64QAM	1	99	22.56	22.77	22.73	22.54	22.41	
20	64QAM	50	0	21.81	21.94	21.85	21.81	21.81	22
20	64QAM	50	24	21.88	21.91	21.86	21.80	21.98	
20	64QAM	50	50	21.86	21.91	21.86	21.89	21.87	
20	64QAM	100	0	21.87	21.98	21.84	21.81	21.86	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.59	24.78	24.84	24.84	24.40	25
15	QPSK	1	37	24.57	24.78	24.88	24.85	24.75	
15	QPSK	1	74	24.72	24.95	24.94	24.71	24.65	
15	QPSK	36	0	23.81	23.91	23.83	23.98	23.75	24
15	QPSK	36	20	23.76	23.89	23.85	23.91	23.85	
15	QPSK	36	39	23.79	23.80	23.84	23.87	23.71	
15	QPSK	75	0	23.81	23.88	23.88	23.94	23.82	
15	16QAM	1	0	23.71	23.84	23.90	23.94	23.47	24
15	16QAM	1	37	23.71	23.97	23.86	23.99	23.83	
15	16QAM	1	74	23.82	23.89	23.89	23.83	23.65	
15	16QAM	36	0	22.74	22.81	22.77	22.70	22.80	23
15	16QAM	36	20	22.84	22.84	22.78	22.86	22.87	
15	16QAM	36	39	22.79	22.85	22.77	22.82	22.84	
15	16QAM	75	0	22.75	22.83	22.82	22.85	22.82	
15	64QAM	1	0	22.40	22.59	22.78	22.77	22.16	23
15	64QAM	1	37	22.42	22.61	22.63	22.82	22.53	
15	64QAM	1	74	22.49	22.77	22.69	22.51	22.39	
15	64QAM	36	0	21.77	21.91	21.76	21.78	21.80	22
15	64QAM	36	20	21.85	21.85	21.82	21.73	21.95	
15	64QAM	36	39	21.80	21.91	21.81	21.84	21.80	
15	64QAM	75	0	21.81	21.88	21.75	21.78	21.84	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.59	24.72	24.82	24.82	24.45	25
10	QPSK	1	25	24.60	24.81	24.85	24.93	24.80	
10	QPSK	1	49	24.67	24.90	24.92	24.68	24.58	
10	QPSK	25	0	23.74	23.97	23.84	23.89	23.75	24
10	QPSK	25	12	23.81	23.87	23.85	23.88	23.83	
10	QPSK	25	25	23.80	23.88	23.89	23.85	23.78	
10	QPSK	50	0	23.76	23.95	23.81	23.96	23.77	
10	16QAM	1	0	23.71	23.87	23.96	23.97	23.51	24
10	16QAM	1	25	23.64	23.93	23.82	23.95	23.86	
10	16QAM	1	49	23.81	23.91	23.86	23.84	23.75	
10	16QAM	25	0	22.76	22.75	22.75	22.76	22.80	23
10	16QAM	25	12	22.79	22.81	22.82	22.79	22.93	
10	16QAM	25	25	22.85	22.87	22.85	22.81	22.82	
10	16QAM	50	0	22.77	22.81	22.77	22.80	22.82	
10	64QAM	1	0	22.44	22.63	22.76	22.76	22.21	23
10	64QAM	1	25	22.40	22.68	22.64	22.86	22.54	
10	64QAM	1	49	22.51	22.70	22.63	22.50	22.31	
10	64QAM	25	0	21.75	21.87	21.78	21.77	21.79	22
10	64QAM	25	12	21.82	21.90	21.79	21.78	21.98	
10	64QAM	25	25	21.80	21.83	21.80	21.81	21.86	
10	64QAM	50	0	21.79	21.98	21.83	21.79	21.78	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	24.61	24.80	24.90	24.84	24.38	25
5	QPSK	1	12	24.60	24.85	24.87	24.89	24.79	
5	QPSK	1	24	24.71	24.94	24.96	24.71	24.65	
5	QPSK	12	0	23.77	23.92	23.85	23.97	23.74	24
5	QPSK	12	7	23.80	23.93	23.90	23.87	23.82	
5	QPSK	12	13	23.81	23.84	23.93	23.87	23.71	
5	QPSK	25	0	23.82	23.91	23.81	23.90	23.79	
5	16QAM	1	0	23.73	23.92	23.93	23.95	23.47	24
5	16QAM	1	12	23.73	23.96	23.85	23.97	23.84	
5	16QAM	1	24	23.82	23.91	23.86	23.82	23.71	
5	16QAM	12	0	22.71	22.78	22.75	22.72	22.73	23
5	16QAM	12	7	22.87	22.78	22.81	22.83	22.94	
5	16QAM	12	13	22.88	22.83	22.79	22.79	22.84	
5	16QAM	25	0	22.78	22.81	22.74	22.85	22.85	
5	64QAM	1	0	22.41	22.67	22.75	22.73	22.17	23
5	64QAM	1	12	22.41	22.65	22.69	22.85	22.54	
5	64QAM	1	24	22.48	22.76	22.72	22.45	22.40	
5	64QAM	12	0	21.75	21.89	21.81	21.75	21.80	22
5	64QAM	12	7	21.88	21.87	21.77	21.74	21.98	
5	64QAM	12	13	21.76	21.88	21.77	21.84	21.84	
5	64QAM	25	0	21.87	21.96	21.80	21.77	21.79	

Band 41_HPUE

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.92	26.05	26.68	26.59	26.20	27.5
20	QPSK	1	49	26.31	25.86	26.67	26.86	26.46	
20	QPSK	1	99	26.48	25.87	26.66	26.44	26.13	
20	QPSK	50	0	25.18	25.01	25.91	25.99	25.62	26.5
20	QPSK	50	24	25.39	24.93	25.93	26.08	25.77	
20	QPSK	50	50	25.69	24.79	25.95	25.88	25.47	
20	QPSK	100	0	24.56	24.86	25.95	25.88	25.63	
20	16QAM	1	0	25.24	25.30	26.07	25.97	25.51	26.5
20	16QAM	1	49	25.68	25.14	26.00	26.25	25.81	
20	16QAM	1	99	25.80	25.03	26.06	25.77	25.50	
20	16QAM	50	0	24.35	24.12	24.93	25.01	24.65	25.5
20	16QAM	50	24	24.68	24.08	24.96	25.11	24.79	
20	16QAM	50	50	24.74	23.98	24.98	24.89	24.66	
20	16QAM	100	0	24.22	23.92	24.95	24.91	24.70	
20	64QAM	1	0	23.58	23.66	24.29	24.83	24.10	25.5
20	64QAM	1	49	23.58	23.60	24.45	25.12	23.82	
20	64QAM	1	99	24.03	23.66	24.09	24.62	23.50	
20	64QAM	50	0	22.56	22.52	23.29	24.04	23.14	24.5
20	64QAM	50	24	22.67	22.54	23.35	24.12	23.03	
20	64QAM	50	50	22.90	22.59	23.42	23.90	22.78	
20	64QAM	100	0	22.55	22.54	23.35	23.92	22.93	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.88	25.95	26.64	26.49	26.14	27.5
15	QPSK	1	37	26.21	25.80	26.62	26.79	26.44	
15	QPSK	1	74	26.44	25.77	26.65	26.42	26.07	
15	QPSK	36	0	25.18	24.91	25.82	25.90	25.60	26.5
15	QPSK	36	20	25.35	24.83	25.88	26.03	25.67	
15	QPSK	36	39	25.66	24.72	25.87	25.78	25.37	
15	QPSK	75	0	24.51	24.80	25.86	25.86	25.55	
15	16QAM	1	0	25.24	25.21	26.05	25.97	25.50	26.5
15	16QAM	1	37	25.66	25.08	25.99	26.15	25.81	
15	16QAM	1	74	25.73	24.96	26.05	25.76	25.50	
15	16QAM	36	0	24.29	24.06	24.84	24.97	24.56	25.5
15	16QAM	36	20	24.62	24.08	24.86	25.04	24.73	
15	16QAM	36	39	24.70	23.89	24.93	24.89	24.64	
15	16QAM	75	0	24.17	23.82	24.87	24.82	24.61	
15	64QAM	1	0	23.55	23.56	24.25	24.79	24.07	25.5
15	64QAM	1	37	23.58	23.60	24.41	25.03	23.75	
15	64QAM	1	74	24.00	23.61	24.08	24.55	23.49	
15	64QAM	36	0	22.56	22.48	23.23	23.99	23.10	24.5
15	64QAM	36	20	22.65	22.47	23.34	24.11	23.02	
15	64QAM	36	39	22.84	22.59	23.32	23.88	22.78	
15	64QAM	75	0	22.53	22.51	23.26	23.85	22.90	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	26.03	26.58	26.55	26.10	27.5
10	QPSK	1	25	26.21	25.77	26.66	26.80	26.39	
10	QPSK	1	49	26.46	25.83	26.64	26.34	26.09	
10	QPSK	25	0	25.14	24.99	25.81	25.95	25.62	26.5
10	QPSK	25	12	25.33	24.85	25.85	26.05	25.75	
10	QPSK	25	25	25.59	24.78	25.94	25.80	25.45	
10	QPSK	50	0	24.56	24.77	25.86	25.82	25.54	
10	16QAM	1	0	25.15	25.22	25.99	25.94	25.44	26.5
10	16QAM	1	25	25.68	25.08	25.99	26.20	25.81	
10	16QAM	1	49	25.75	25.00	25.99	25.75	25.48	
10	16QAM	25	0	24.26	24.04	24.83	24.92	24.61	25.5
10	16QAM	25	12	24.68	24.00	24.91	25.10	24.74	
10	16QAM	25	25	24.72	23.97	24.98	24.81	24.61	
10	16QAM	50	0	24.21	23.82	24.95	24.82	24.61	
10	64QAM	1	0	23.54	23.61	24.26	24.75	24.02	25.5
10	64QAM	1	25	23.50	23.56	24.35	25.10	23.76	
10	64QAM	1	49	24.03	23.56	24.05	24.62	23.41	
10	64QAM	25	0	22.50	22.50	23.28	24.01	23.13	24.5
10	64QAM	25	12	22.63	22.49	23.29	24.10	22.99	
10	64QAM	25	25	22.87	22.49	23.34	23.87	22.71	
10	64QAM	50	0	22.46	22.53	23.27	23.89	22.84	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.82	25.95	26.66	26.59	26.19	27.5
5	QPSK	1	12	26.27	25.76	26.61	26.83	26.45	
5	QPSK	1	24	26.38	25.79	26.60	26.41	26.04	
5	QPSK	12	0	25.17	25.00	25.91	25.97	25.60	26.5
5	QPSK	12	7	25.33	24.91	25.87	26.06	25.72	
5	QPSK	12	13	25.65	24.78	25.95	25.83	25.41	
5	QPSK	25	0	24.54	24.77	25.94	25.87	25.59	
5	16QAM	1	0	25.19	25.24	26.05	25.89	25.45	26.5
5	16QAM	1	12	25.58	25.06	25.92	26.15	25.75	
5	16QAM	1	24	25.72	24.96	25.99	25.71	25.49	
5	16QAM	12	0	24.28	24.10	24.92	24.99	24.58	25.5
5	16QAM	12	7	24.64	24.06	24.87	25.06	24.75	
5	16QAM	12	13	24.64	23.96	24.94	24.79	24.62	
5	16QAM	25	0	24.16	23.90	24.91	24.88	24.68	
5	64QAM	1	0	23.48	23.60	24.24	24.80	24.04	25.5
5	64QAM	1	12	23.54	23.56	24.37	25.11	23.77	
5	64QAM	1	24	24.00	23.56	24.09	24.61	23.46	
5	64QAM	12	0	22.49	22.43	23.21	23.99	23.08	24.5
5	64QAM	12	7	22.66	22.44	23.33	24.04	22.99	
5	64QAM	12	13	22.80	22.53	23.37	23.83	22.72	
5	64QAM	25	0	22.52	22.54	23.29	23.92	22.93	

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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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	22.94	23.03	23.03	23.5
20	QPSK	1	49	22.98	23.01	23.06	
20	QPSK	1	99	22.89	22.94	22.97	
20	QPSK	50	0	22.03	22.08	22.12	22.5
20	QPSK	50	24	22.08	22.04	22.08	
20	QPSK	50	50	22.03	22.06	22.08	
20	QPSK	100	0	22.07	22.02	22.07	
20	16QAM	1	0	22.09	22.11	22.17	22.5
20	16QAM	1	49	22.04	22.08	22.12	
20	16QAM	1	99	22.00	22.04	22.07	
20	16QAM	50	0	21.04	21.09	21.14	21.5
20	16QAM	50	24	21.10	21.07	21.10	
20	16QAM	50	50	21.04	21.09	21.10	
20	16QAM	100	0	21.07	21.03	21.09	
20	64QAM	1	0	20.70	20.81	20.75	21.5
20	64QAM	1	49	20.75	20.84	20.66	
20	64QAM	1	99	20.79	20.79	20.56	
20	64QAM	50	0	20.06	20.11	20.02	20.5
20	64QAM	50	24	20.11	20.08	20.06	
20	64QAM	50	50	20.05	20.08	19.95	
20	64QAM	100	0	20.09	20.03	19.94	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.85	22.94	22.94	23.5
15	QPSK	1	37	22.96	22.95	22.96	
15	QPSK	1	74	22.89	22.86	22.87	
15	QPSK	36	0	21.99	21.99	22.10	22.5
15	QPSK	36	20	21.98	21.97	22.04	
15	QPSK	36	39	22.00	22.04	22.05	
15	QPSK	75	0	22.01	22.00	21.98	
15	16QAM	1	0	22.04	22.09	22.13	22.5
15	16QAM	1	37	21.95	22.05	22.11	
15	16QAM	1	74	21.94	21.99	22.01	
15	16QAM	36	0	20.99	21.07	21.12	21.5
15	16QAM	36	20	21.08	20.97	21.06	
15	16QAM	36	39	20.97	21.01	21.07	
15	16QAM	75	0	21.02	21.00	21.01	
15	64QAM	1	0	20.61	20.78	20.73	21.5
15	64QAM	1	37	20.65	20.76	20.63	
15	64QAM	1	74	20.79	20.75	20.48	
15	64QAM	36	0	20.03	20.03	19.92	20.5
15	64QAM	36	20	20.05	20.08	20.03	
15	64QAM	36	39	20.00	20.00	19.86	
15	64QAM	75	0	20.05	20.01	19.92	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.92	22.95	22.96	23.5
10	QPSK	1	25	22.93	22.93	23.05	
10	QPSK	1	49	22.80	22.87	22.94	
10	QPSK	25	0	21.96	22.02	22.09	22.5
10	QPSK	25	12	22.08	21.96	22.05	
10	QPSK	25	25	21.99	21.96	22.05	
10	QPSK	50	0	21.98	21.95	22.02	
10	16QAM	1	0	22.01	22.02	22.10	22.5
10	16QAM	1	25	21.99	22.06	22.10	
10	16QAM	1	49	21.96	21.98	21.98	
10	16QAM	25	0	20.94	21.07	21.07	21.5
10	16QAM	25	12	21.03	20.99	21.05	
10	16QAM	25	25	20.97	21.02	21.06	
10	16QAM	50	0	21.05	20.94	20.99	
10	64QAM	1	0	20.70	20.79	20.67	21.5
10	64QAM	1	25	20.73	20.76	20.58	
10	64QAM	1	49	20.79	20.69	20.52	
10	64QAM	25	0	19.99	20.06	20.00	20.5
10	64QAM	25	12	20.10	20.05	20.05	
10	64QAM	25	25	19.98	20.02	19.89	
10	64QAM	50	0	20.09	19.94	19.89	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.92	23.01	22.97	23.5
5	QPSK	1	12	22.90	23.00	22.96	
5	QPSK	1	24	22.83	22.92	22.96	
5	QPSK	12	0	22.00	21.99	22.04	22.5
5	QPSK	12	7	22.05	22.00	22.01	
5	QPSK	12	13	21.99	21.96	22.02	
5	QPSK	25	0	22.03	21.93	22.02	
5	16QAM	1	0	22.05	22.02	22.15	22.5
5	16QAM	1	12	21.98	22.03	22.06	
5	16QAM	1	24	21.90	21.95	22.06	
5	16QAM	12	0	21.04	21.02	21.09	21.5
5	16QAM	12	7	21.08	21.00	21.04	
5	16QAM	12	13	20.98	21.05	21.10	
5	16QAM	25	0	20.98	20.96	21.03	
5	64QAM	1	0	20.61	20.80	20.72	21.5
5	64QAM	1	12	20.71	20.75	20.66	
5	64QAM	1	24	20.75	20.72	20.52	
5	64QAM	12	0	19.96	20.02	19.99	20.5
5	64QAM	12	7	20.05	20.00	19.98	
5	64QAM	12	13	20.00	19.98	19.90	
5	64QAM	25	0	20.02	19.94	19.93	

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Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.65	23.27	23.37	19.53	23.5
20	QPSK	1	49	19.47	23.06	23.02	19.31	
20	QPSK	1	99	19.50	23.04	22.96	19.22	
20	QPSK	50	0	18.70	22.22	22.33	18.51	22.5
20	QPSK	50	24	18.68	22.25	22.18	18.45	
20	QPSK	50	50	18.61	22.18	22.09	18.34	
20	QPSK	100	0	18.65	22.24	22.17	18.44	
20	16QAM	1	0	18.74	22.39	22.38	18.67	22.5
20	16QAM	1	49	18.57	22.18	22.11	18.39	
20	16QAM	1	99	18.63	22.16	22.05	18.30	
20	16QAM	50	0	17.74	21.24	21.26	17.57	21.5
20	16QAM	50	24	17.72	21.27	21.20	17.46	
20	16QAM	50	50	17.65	21.20	21.12	17.40	
20	16QAM	100	0	17.68	21.24	21.20	17.48	
20	64QAM	1	0	17.45	21.06	20.77	17.44	21.5
20	64QAM	1	49	17.36	20.91	20.75	17.13	
20	64QAM	1	99	17.39	20.93	20.67	17.09	
20	64QAM	50	0	16.74	20.25	20.09	16.54	20.5
20	64QAM	50	24	16.70	20.26	20.10	16.48	
20	64QAM	50	50	16.64	20.19	19.99	16.38	
20	64QAM	100	0	16.69	20.27	20.03	16.47	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.62	23.17	23.26	19.50	23.5
15	QPSK	1	37	19.41	23.02	23.02	19.27	
15	QPSK	1	74	19.47	22.94	22.86	19.20	
15	QPSK	36	0	18.68	22.21	22.20	18.48	22.5
15	QPSK	36	20	18.58	22.21	22.16	18.40	
15	QPSK	36	39	18.58	22.14	22.09	18.28	
15	QPSK	75	0	18.55	22.15	22.08	18.43	
15	16QAM	1	0	18.64	22.30	22.36	18.59	22.5
15	16QAM	1	37	18.55	22.17	22.05	18.33	
15	16QAM	1	74	18.56	22.10	21.96	18.20	
15	16QAM	36	0	17.67	21.22	21.26	17.47	21.5
15	16QAM	36	20	17.72	21.18	21.17	17.46	
15	16QAM	36	39	17.57	21.15	21.09	17.39	
15	16QAM	75	0	17.62	21.20	21.11	17.38	
15	64QAM	1	0	17.36	20.98	20.68	17.35	21.5
15	64QAM	1	37	17.26	20.86	20.72	17.10	
15	64QAM	1	74	17.36	20.83	20.66	17.00	
15	64QAM	36	0	16.71	20.20	20.00	16.44	20.5
15	64QAM	36	20	16.68	20.23	20.03	16.38	
15	64QAM	36	39	16.62	20.13	19.91	16.36	
15	64QAM	75	0	16.69	20.25	20.03	16.47	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.64	23.22	23.18	19.43	23.5
10	QPSK	1	25	19.46	23.00	22.97	19.21	
10	QPSK	1	49	19.42	23.01	22.86	19.21	
10	QPSK	25	0	18.60	22.20	22.19	18.48	22.5
10	QPSK	25	12	18.58	22.21	22.11	18.38	
10	QPSK	25	25	18.60	22.18	22.04	18.30	
10	QPSK	50	0	18.55	22.17	22.07	18.38	
10	16QAM	1	0	18.73	22.31	22.33	18.61	22.5
10	16QAM	1	25	18.54	22.17	22.02	18.34	
10	16QAM	1	49	18.62	22.09	21.98	18.28	
10	16QAM	25	0	17.66	21.19	21.24	17.48	21.5
10	16QAM	25	12	17.64	21.24	21.11	17.36	
10	16QAM	25	25	17.60	21.16	21.03	17.35	
10	16QAM	50	0	17.63	21.18	21.14	17.46	
10	64QAM	1	0	17.38	21.02	20.74	17.39	21.5
10	64QAM	1	25	17.27	20.89	20.75	17.08	
10	64QAM	1	49	17.32	20.92	20.62	17.05	
10	64QAM	25	0	16.69	20.20	20.09	16.47	20.5
10	64QAM	25	12	16.70	20.20	20.07	16.41	
10	64QAM	25	25	16.60	20.18	19.95	16.29	
10	64QAM	50	0	16.67	20.19	20.01	16.41	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.56	23.20	23.23	19.52	23.5
5	QPSK	1	12	19.40	22.99	23.01	19.22	
5	QPSK	1	24	19.50	22.96	22.96	19.17	
5	QPSK	12	0	18.62	22.19	22.17	18.48	22.5
5	QPSK	12	7	18.68	22.15	22.13	18.40	
5	QPSK	12	13	18.56	22.10	22.09	18.31	
5	QPSK	25	0	18.62	22.15	22.15	18.37	
5	16QAM	1	0	18.73	22.37	22.31	18.62	22.5
5	16QAM	1	12	18.56	22.16	22.05	18.35	
5	16QAM	1	24	18.63	22.15	21.98	18.23	
5	16QAM	12	0	17.67	21.14	21.16	17.52	21.5
5	16QAM	12	7	17.71	21.26	21.13	17.38	
5	16QAM	12	13	17.60	21.13	21.06	17.35	
5	16QAM	25	0	17.61	21.15	21.10	17.41	
5	64QAM	1	0	17.43	21.01	20.67	17.37	21.5
5	64QAM	1	12	17.31	20.86	20.73	17.08	
5	64QAM	1	24	17.33	20.87	20.64	17.03	
5	64QAM	12	0	16.68	20.17	20.03	16.48	20.5
5	64QAM	12	7	16.65	20.24	20.10	16.45	
5	64QAM	12	13	16.55	20.13	19.89	16.35	
5	64QAM	25	0	16.59	20.19	19.97	16.40	

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Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.16	24.19	24.23	25
20	QPSK	1	49	24.23	24.26	24.27	
20	QPSK	1	99	24.23	24.31	24.30	
20	QPSK	50	0	23.28	23.33	23.38	24
20	QPSK	50	24	23.36	23.35	23.34	
20	QPSK	50	50	23.41	23.41	23.44	
20	QPSK	100	0	23.38	23.36	23.35	
20	16QAM	1	0	23.28	23.31	23.31	24
20	16QAM	1	49	23.29	23.33	23.36	
20	16QAM	1	99	23.36	23.42	23.38	
20	16QAM	50	0	22.32	22.36	22.37	23
20	16QAM	50	24	22.40	22.37	22.36	
20	16QAM	50	50	22.42	22.46	22.44	
20	16QAM	100	0	22.40	22.38	22.36	
20	64QAM	1	0	21.97	21.97	22.02	23
20	64QAM	1	49	22.01	22.06	22.08	
20	64QAM	1	99	22.10	22.13	22.08	
20	64QAM	50	0	21.33	21.38	21.37	22
20	64QAM	50	24	21.39	21.39	21.40	
20	64QAM	50	50	21.43	21.45	21.45	
20	64QAM	100	0	21.41	21.37	21.38	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.14	24.12	24.18	25
15	QPSK	1	37	24.17	24.26	24.27	
15	QPSK	1	74	24.14	24.30	24.30	
15	QPSK	36	0	23.22	23.25	23.31	24
15	QPSK	36	20	23.32	23.28	23.31	
15	QPSK	36	39	23.35	23.31	23.37	
15	QPSK	75	0	23.36	23.32	23.25	
15	16QAM	1	0	23.22	23.31	23.24	24
15	16QAM	1	37	23.24	23.31	23.30	
15	16QAM	1	74	23.28	23.42	23.35	
15	16QAM	36	0	22.22	22.29	22.35	23
15	16QAM	36	20	22.34	22.29	22.32	
15	16QAM	36	39	22.35	22.39	22.36	
15	16QAM	75	0	22.38	22.32	22.32	
15	64QAM	1	0	21.97	21.97	22.02	23
15	64QAM	1	37	21.96	22.03	22.06	
15	64QAM	1	74	22.00	22.08	21.98	
15	64QAM	36	0	21.23	21.37	21.35	22
15	64QAM	36	20	21.38	21.31	21.37	
15	64QAM	36	39	21.37	21.40	21.37	
15	64QAM	75	0	21.41	21.32	21.30	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.07	24.17	24.19	25
10	QPSK	1	25	24.21	24.26	24.18	
10	QPSK	1	49	24.14	24.28	24.26	
10	QPSK	25	0	23.22	23.27	23.36	24
10	QPSK	25	12	23.33	23.30	23.24	
10	QPSK	25	25	23.38	23.39	23.35	
10	QPSK	50	0	23.35	23.36	23.26	
10	16QAM	1	0	23.22	23.31	23.30	24
10	16QAM	1	25	23.29	23.31	23.33	
10	16QAM	1	49	23.30	23.36	23.28	
10	16QAM	25	0	22.30	22.30	22.28	23
10	16QAM	25	12	22.30	22.35	22.32	
10	16QAM	25	25	22.34	22.43	22.38	
10	16QAM	50	0	22.32	22.33	22.30	
10	64QAM	1	0	21.89	21.89	22.02	23
10	64QAM	1	25	21.98	21.99	22.03	
10	64QAM	1	49	22.03	22.06	22.00	
10	64QAM	25	0	21.33	21.34	21.28	22
10	64QAM	25	12	21.33	21.37	21.31	
10	64QAM	25	25	21.33	21.40	21.39	
10	64QAM	50	0	21.32	21.36	21.29	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.11	24.16	24.18	25
5	QPSK	1	12	24.22	24.20	24.19	
5	QPSK	1	24	24.14	24.29	24.28	
5	QPSK	12	0	23.23	23.30	23.33	24
5	QPSK	12	7	23.31	23.28	23.33	
5	QPSK	12	13	23.34	23.31	23.38	
5	QPSK	25	0	23.34	23.31	23.27	
5	16QAM	1	0	23.24	23.31	23.25	24
5	16QAM	1	12	23.23	23.31	23.29	
5	16QAM	1	24	23.33	23.42	23.38	
5	16QAM	12	0	22.23	22.33	22.37	23
5	16QAM	12	7	22.34	22.27	22.31	
5	16QAM	12	13	22.38	22.36	22.40	
5	16QAM	25	0	22.38	22.28	22.27	
5	64QAM	1	0	21.90	21.92	21.93	23
5	64QAM	1	12	21.92	22.03	22.01	
5	64QAM	1	24	22.07	22.06	22.08	
5	64QAM	12	0	21.28	21.33	21.36	22
5	64QAM	12	7	21.38	21.29	21.34	
5	64QAM	12	13	21.34	21.36	21.40	
5	64QAM	25	0	21.37	21.32	21.35	

Band 38_HPUE

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.72	25.69	25.44	26.6
20	QPSK	1	49	25.67	25.61	25.67	
20	QPSK	1	99	25.62	25.68	25.26	
20	QPSK	50	0	25.55	25.16	24.79	26.5
20	QPSK	50	24	25.18	25.09	24.72	
20	QPSK	50	50	25.16	25.07	24.53	
20	QPSK	100	0	23.71	25.06	24.63	
20	16QAM	1	0	25.41	25.24	24.85	26.5
20	16QAM	1	49	25.33	25.21	25.07	
20	16QAM	1	99	25.36	25.14	24.63	
20	16QAM	50	0	24.34	24.15	23.96	25.5
20	16QAM	50	24	24.30	24.06	23.97	
20	16QAM	50	50	24.19	24.05	23.88	
20	16QAM	100	0	23.74	24.03	23.78	
20	64QAM	1	0	23.54	23.80	23.77	25.5
20	64QAM	1	49	23.88	23.81	23.72	
20	64QAM	1	99	23.94	23.99	23.76	
20	64QAM	50	0	22.76	22.73	22.70	24.5
20	64QAM	50	24	22.96	22.83	22.73	
20	64QAM	50	50	22.98	22.93	22.75	
20	64QAM	100	0	22.77	22.69	22.70	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.69	25.66	25.47	26.6
15	QPSK	1	37	25.60	25.61	25.67	
15	QPSK	1	74	25.57	25.61	25.28	
15	QPSK	36	0	25.58	25.08	24.79	26.5
15	QPSK	36	20	25.21	25.10	24.71	
15	QPSK	36	39	25.19	25.03	24.52	
15	QPSK	75	0	23.74	25.06	24.68	
15	16QAM	1	0	25.42	25.24	24.85	26.5
15	16QAM	1	37	25.34	25.20	25.08	
15	16QAM	1	74	25.32	25.19	24.60	
15	16QAM	36	0	24.29	24.10	24.05	25.5
15	16QAM	36	20	24.30	24.10	23.96	
15	16QAM	36	39	24.22	24.12	23.97	
15	16QAM	75	0	23.75	24.07	23.76	
15	64QAM	1	0	23.60	23.83	23.72	25.5
15	64QAM	1	37	23.87	23.83	23.75	
15	64QAM	1	74	23.99	23.98	23.71	
15	64QAM	36	0	22.78	22.67	22.69	24.5
15	64QAM	36	20	22.94	22.81	22.70	
15	64QAM	36	39	23.06	22.93	22.77	
15	64QAM	75	0	22.77	22.71	22.75	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.66	25.68	25.48	26.6
10	QPSK	1	25	25.69	25.69	25.68	
10	QPSK	1	49	25.60	25.63	25.32	
10	QPSK	25	0	25.60	25.16	24.84	26.5
10	QPSK	25	12	25.23	25.03	24.77	
10	QPSK	25	25	25.22	25.04	24.52	
10	QPSK	50	0	23.70	25.06	24.59	
10	16QAM	1	0	25.35	25.26	24.79	26.5
10	16QAM	1	25	25.37	25.24	25.10	
10	16QAM	1	49	25.33	25.22	24.64	
10	16QAM	25	0	24.31	24.15	24.00	25.5
10	16QAM	25	12	24.22	24.05	23.98	
10	16QAM	25	25	24.25	24.11	23.93	
10	16QAM	50	0	23.74	24.06	23.81	
10	64QAM	1	0	23.52	23.84	23.73	25.5
10	64QAM	1	25	23.82	23.83	23.74	
10	64QAM	1	49	24.03	24.04	23.75	
10	64QAM	25	0	22.77	22.69	22.74	24.5
10	64QAM	25	12	22.96	22.83	22.76	
10	64QAM	25	25	23.05	22.87	22.72	
10	64QAM	50	0	22.76	22.72	22.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.65	25.69	25.45	26.6
5	QPSK	1	12	25.66	25.71	25.71	
5	QPSK	1	24	25.55	25.68	25.25	
5	QPSK	12	0	25.60	25.13	24.78	26.5
5	QPSK	12	7	25.18	25.10	24.79	
5	QPSK	12	13	25.21	25.07	24.55	
5	QPSK	25	0	23.76	25.10	24.65	
5	16QAM	1	0	25.35	25.26	24.78	26.5
5	16QAM	1	12	25.37	25.28	25.03	
5	16QAM	1	24	25.36	25.14	24.56	
5	16QAM	12	0	24.32	24.15	24.03	25.5
5	16QAM	12	7	24.24	24.12	23.96	
5	16QAM	12	13	24.21	24.03	23.89	
5	16QAM	25	0	23.73	24.05	23.73	
5	64QAM	1	0	23.60	23.86	23.73	25.5
5	64QAM	1	12	23.87	23.89	23.72	
5	64QAM	1	24	24.01	23.96	23.67	
5	64QAM	12	0	22.78	22.75	22.70	24.5
5	64QAM	12	7	22.99	22.76	22.70	
5	64QAM	12	13	23.05	22.93	22.73	
5	64QAM	25	0	22.79	22.75	22.73	

Band 41

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.41	23.25	23.24	23.14	23.15	25
20	QPSK	1	49	23.34	23.19	23.15	23.05	23.13	
20	QPSK	1	99	23.33	23.17	23.13	23.04	23.03	
20	QPSK	50	0	23.27	23.07	23.13	23.09	23.13	24
20	QPSK	50	24	23.26	23.09	23.07	23.05	23.02	
20	QPSK	50	50	23.22	23.08	23.18	23.12	23.09	
20	QPSK	100	0	23.35	23.19	23.14	23.04	23.13	
20	16QAM	1	0	23.38	23.21	23.23	23.20	23.16	24
20	16QAM	1	49	23.34	23.19	23.13	23.08	23.12	
20	16QAM	1	99	23.32	23.23	23.26	23.26	23.20	
20	16QAM	50	0	22.63	22.47	22.37	22.32	22.30	23
20	16QAM	50	24	22.56	22.42	22.39	22.30	22.30	
20	16QAM	50	50	22.54	22.41	22.45	22.43	22.37	
20	16QAM	100	0	22.54	22.42	22.36	22.36	22.34	
20	64QAM	1	0	22.32	22.09	22.09	22.08	22.08	23
20	64QAM	1	49	22.27	22.11	22.10	22.02	22.08	
20	64QAM	1	99	22.21	22.11	22.17	22.15	22.09	
20	64QAM	50	0	21.66	21.49	21.37	21.32	21.29	22
20	64QAM	50	24	21.58	21.44	21.38	21.33	21.37	
20	64QAM	50	50	21.56	21.42	21.46	21.39	21.44	
20	64QAM	100	0	21.55	21.41	21.37	21.29	21.27	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.23	23.07	23.21	23.04	23.09	25
15	QPSK	1	37	23.26	23.05	23.16	23.02	23.00	
15	QPSK	1	74	23.18	23.03	23.14	23.15	23.17	
15	QPSK	36	0	23.33	23.21	23.33	23.12	23.11	24
15	QPSK	36	20	23.24	23.16	23.28	23.10	23.10	
15	QPSK	36	39	23.28	23.16	23.31	23.21	23.16	
15	QPSK	75	0	23.30	23.16	23.32	23.08	23.06	
15	16QAM	1	0	23.32	23.21	23.30	23.21	23.14	24
15	16QAM	1	37	23.24	23.09	23.27	23.08	23.10	
15	16QAM	1	74	23.22	23.15	23.31	23.16	23.18	
15	16QAM	36	0	22.62	22.39	22.53	22.28	22.34	23
15	16QAM	36	20	22.47	22.41	22.53	22.30	22.37	
15	16QAM	36	39	22.50	22.35	22.44	22.36	22.43	
15	16QAM	75	0	22.45	22.37	22.47	22.36	22.35	
15	64QAM	1	0	22.30	22.03	22.22	22.03	22.00	23
15	64QAM	1	37	22.20	22.08	22.17	22.09	22.09	
15	64QAM	1	74	22.19	22.01	22.12	22.14	22.15	
15	64QAM	36	0	21.56	21.39	21.57	21.28	21.27	22
15	64QAM	36	20	21.50	21.38	21.49	21.33	21.32	
15	64QAM	36	39	21.48	21.33	21.46	21.46	21.37	
15	64QAM	75	0	21.51	21.34	21.53	21.36	21.32	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.21	23.01	23.18	23.07	23.13	25
10	QPSK	1	25	23.21	23.09	23.16	23.08	23.00	
10	QPSK	1	49	23.14	23.08	23.18	23.15	23.10	
10	QPSK	25	0	23.36	23.20	23.31	23.07	23.11	24
10	QPSK	25	12	23.32	23.16	23.34	23.12	23.08	
10	QPSK	25	25	23.26	23.07	23.24	23.20	23.17	
10	QPSK	50	0	23.33	23.15	23.31	23.11	23.11	
10	16QAM	1	0	23.34	23.11	23.30	23.21	23.17	24
10	16QAM	1	25	23.32	23.17	23.30	23.11	23.08	
10	16QAM	1	49	23.32	23.23	23.30	23.17	23.16	
10	16QAM	25	0	22.63	22.42	22.57	22.30	22.29	23
10	16QAM	25	12	22.49	22.32	22.49	22.39	22.33	
10	16QAM	25	25	22.46	22.32	22.51	22.38	22.40	
10	16QAM	50	0	22.52	22.42	22.50	22.28	22.34	
10	64QAM	1	0	22.26	22.00	22.22	22.05	22.06	23
10	64QAM	1	25	22.25	22.01	22.17	22.10	22.01	
10	64QAM	1	49	22.17	22.08	22.18	22.09	22.12	
10	64QAM	25	0	21.63	21.46	21.64	21.29	21.36	22
10	64QAM	25	12	21.58	21.36	21.58	21.34	21.37	
10	64QAM	25	25	21.54	21.32	21.51	21.44	21.39	
10	64QAM	50	0	21.45	21.41	21.54	21.36	21.30	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.24	23.05	23.18	23.03	23.03	25
5	QPSK	1	12	23.18	23.06	23.19	23.05	23.03	
5	QPSK	1	24	23.21	23.04	23.17	23.09	23.18	
5	QPSK	12	0	23.21	23.20	23.40	23.04	23.05	24
5	QPSK	12	7	23.32	23.19	23.31	23.09	23.10	
5	QPSK	12	13	23.32	23.11	23.31	23.14	23.15	
5	QPSK	25	0	23.32	23.19	23.26	23.04	23.10	
5	16QAM	1	0	23.37	23.20	23.33	23.15	23.18	24
5	16QAM	1	12	23.31	23.09	23.33	23.04	23.10	
5	16QAM	1	24	23.22	23.13	23.27	23.16	23.20	
5	16QAM	12	0	22.60	22.45	22.57	22.37	22.36	23
5	16QAM	12	7	22.49	22.33	22.47	22.33	22.32	
5	16QAM	12	13	22.49	22.40	22.51	22.44	22.43	
5	16QAM	25	0	22.51	22.40	22.53	22.29	22.30	
5	64QAM	1	0	22.30	22.06	22.27	21.99	22.01	23
5	64QAM	1	12	22.18	22.07	22.20	22.00	22.01	
5	64QAM	1	24	22.14	22.07	22.12	22.14	22.14	
5	64QAM	12	0	21.59	21.47	21.65	21.34	21.36	22
5	64QAM	12	7	21.54	21.40	21.52	21.31	21.30	
5	64QAM	12	13	21.51	21.34	21.46	21.36	21.40	
5	64QAM	25	0	21.50	21.33	21.47	21.33	21.34	

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Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.72	25.73	25.53	25.63	25.36	26.6
20	QPSK	1	49	25.69	25.71	25.73	25.76	25.74	
20	QPSK	1	99	25.64	25.71	25.32	25.46	25.64	
20	QPSK	50	0	25.63	25.16	24.85	25.01	24.81	26.5
20	QPSK	50	24	25.27	25.10	24.79	24.98	24.96	
20	QPSK	50	50	25.22	25.09	24.57	24.88	24.94	
20	QPSK	100	0	23.76	25.11	24.68	24.91	24.86	
20	16QAM	1	0	25.42	25.26	24.88	24.99	24.68	26.5
20	16QAM	1	49	25.40	25.30	25.11	25.21	25.05	
20	16QAM	1	99	25.40	25.23	24.65	24.79	25.01	
20	16QAM	50	0	24.39	24.19	24.05	24.05	23.82	25.5
20	16QAM	50	24	24.31	24.15	24.00	24.04	23.99	
20	16QAM	50	50	24.28	24.12	23.97	23.91	23.97	
20	16QAM	100	0	23.79	24.13	23.83	23.93	23.89	
20	64QAM	1	0	23.62	23.87	23.78	23.87	23.51	25.5
20	64QAM	1	49	23.89	23.89	23.75	24.14	23.81	
20	64QAM	1	99	24.04	24.05	23.76	23.59	23.50	
20	64QAM	50	0	22.82	22.77	22.79	23.07	22.85	24.5
20	64QAM	50	24	23.04	22.83	22.78	23.04	22.89	
20	64QAM	50	50	23.08	22.93	22.79	22.94	22.57	
20	64QAM	100	0	22.82	22.75	22.76	22.96	22.68	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.63	25.71	25.45	25.59	25.33	26.6
15	QPSK	1	37	25.59	25.70	25.69	25.70	25.72	
15	QPSK	1	74	25.62	25.63	25.26	25.42	25.54	
15	QPSK	36	0	25.54	25.12	24.78	24.96	24.78	26.5
15	QPSK	36	20	25.27	25.10	24.72	24.91	24.88	
15	QPSK	36	39	25.13	25.05	24.49	24.83	24.87	
15	QPSK	75	0	23.68	25.01	24.59	24.84	24.78	
15	16QAM	1	0	25.37	25.17	24.83	24.89	24.61	26.5
15	16QAM	1	37	25.38	25.24	25.06	25.19	25.05	
15	16QAM	1	74	25.33	25.14	24.64	24.78	25.01	
15	16QAM	36	0	24.33	24.13	24.02	23.97	23.80	25.5
15	16QAM	36	20	24.25	24.13	23.98	23.95	23.89	
15	16QAM	36	39	24.23	24.12	23.89	23.82	23.90	
15	16QAM	75	0	23.76	24.08	23.73	23.90	23.79	
15	64QAM	1	0	23.54	23.83	23.70	23.84	23.49	25.5
15	64QAM	1	37	23.84	23.85	23.66	24.06	23.80	
15	64QAM	1	74	23.99	24.04	23.72	23.56	23.48	
15	64QAM	36	0	22.75	22.75	22.69	23.05	22.81	24.5
15	64QAM	36	20	23.03	22.80	22.71	22.98	22.87	
15	64QAM	36	39	23.05	22.93	22.72	22.87	22.53	
15	64QAM	75	0	22.74	22.67	22.70	22.91	22.68	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.69	25.72	25.44	25.56	25.28	26.6
10	QPSK	1	25	25.66	25.71	25.65	25.70	25.64	
10	QPSK	1	49	25.63	25.66	25.22	25.38	25.63	
10	QPSK	25	0	25.55	25.16	24.84	24.97	24.79	26.5
10	QPSK	25	12	25.21	25.06	24.73	24.94	24.88	
10	QPSK	25	25	25.12	25.01	24.55	24.80	24.89	
10	QPSK	50	0	23.76	25.02	24.59	24.86	24.80	
10	16QAM	1	0	25.36	25.19	24.85	24.91	24.67	26.5
10	16QAM	1	25	25.37	25.29	25.06	25.16	25.02	
10	16QAM	1	49	25.32	25.17	24.62	24.78	24.91	
10	16QAM	25	0	24.29	24.17	24.04	24.05	23.78	25.5
10	16QAM	25	12	24.29	24.05	23.97	23.98	23.91	
10	16QAM	25	25	24.19	24.06	23.93	23.89	23.92	
10	16QAM	50	0	23.75	24.05	23.75	23.90	23.81	
10	64QAM	1	0	23.53	23.81	23.68	23.77	23.49	25.5
10	64QAM	1	25	23.88	23.80	23.74	24.11	23.71	
10	64QAM	1	49	23.95	24.00	23.71	23.52	23.50	
10	64QAM	25	0	22.76	22.75	22.73	23.03	22.80	24.5
10	64QAM	25	12	22.98	22.79	22.76	23.03	22.84	
10	64QAM	25	25	23.03	22.86	22.70	22.87	22.50	
10	64QAM	50	0	22.75	22.69	22.66	22.96	22.62	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.65	25.67	25.50	25.58	25.27	26.6
5	QPSK	1	12	25.63	25.71	25.63	25.74	25.70	
5	QPSK	1	24	25.61	25.61	25.24	25.46	25.58	
5	QPSK	12	0	25.53	25.10	24.80	24.94	24.77	26.5
5	QPSK	12	7	25.23	25.04	24.75	24.98	24.94	
5	QPSK	12	13	25.22	25.08	24.51	24.84	24.85	
5	QPSK	25	0	23.67	25.05	24.59	24.86	24.86	
5	16QAM	1	0	25.33	25.22	24.81	24.97	24.66	26.5
5	16QAM	1	12	25.39	25.21	25.06	25.12	25.02	
5	16QAM	1	24	25.31	25.23	24.65	24.75	24.95	
5	16QAM	12	0	24.34	24.11	23.96	23.98	23.82	25.5
5	16QAM	12	7	24.24	24.08	23.94	23.95	23.93	
5	16QAM	12	13	24.23	24.07	23.87	23.91	23.92	
5	16QAM	25	0	23.75	24.10	23.75	23.86	23.86	
5	64QAM	1	0	23.60	23.83	23.77	23.84	23.49	25.5
5	64QAM	1	12	23.85	23.84	23.70	24.09	23.79	
5	64QAM	1	24	24.03	23.96	23.75	23.54	23.46	
5	64QAM	12	0	22.82	22.73	22.72	23.01	22.78	24.5
5	64QAM	12	7	22.94	22.77	22.70	22.97	22.82	
5	64QAM	12	13	23.06	22.88	22.78	22.84	22.56	
5	64QAM	25	0	22.81	22.75	22.69	22.96	22.64	

Band 38

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.60	19.60	19.54	20.2
20	QPSK	1	49	19.70	19.70	19.64	
20	QPSK	1	99	19.92	19.70	19.68	
20	QPSK	50	0	19.80	19.73	19.73	20.2
20	QPSK	50	24	19.90	19.76	19.74	
20	QPSK	50	50	19.91	19.81	19.80	
20	QPSK	100	0	19.87	19.75	19.74	
20	16QAM	1	0	19.78	19.73	19.70	20.2
20	16QAM	1	49	19.74	19.70	19.74	
20	16QAM	1	99	19.84	19.78	19.74	
20	16QAM	50	0	19.79	19.75	19.73	20.2
20	16QAM	50	24	19.88	19.74	19.72	
20	16QAM	50	50	19.90	19.83	19.83	
20	16QAM	100	0	19.88	19.74	19.72	
20	64QAM	1	0	19.50	19.43	19.40	20.2
20	64QAM	1	49	19.55	19.49	19.50	
20	64QAM	1	99	19.64	19.54	19.48	
20	64QAM	50	0	19.82	19.77	19.75	20.2
20	64QAM	50	24	19.70	19.77	19.77	
20	64QAM	50	50	19.72	19.85	19.83	
20	64QAM	100	0	19.89	19.75	19.75	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.58	19.58	19.54	20.2
15	QPSK	1	37	19.68	19.66	19.59	
15	QPSK	1	74	19.73	19.69	19.58	
15	QPSK	36	0	19.77	19.72	19.72	20.2
15	QPSK	36	20	19.90	19.74	19.64	
15	QPSK	36	39	19.91	19.73	19.70	
15	QPSK	75	0	19.87	19.70	19.67	
15	16QAM	1	0	19.74	19.70	19.64	20.2
15	16QAM	1	37	19.65	19.62	19.71	
15	16QAM	1	74	19.79	19.76	19.65	
15	16QAM	36	0	19.73	19.67	19.65	20.2
15	16QAM	36	20	19.81	19.73	19.71	
15	16QAM	36	39	19.88	19.80	19.79	
15	16QAM	75	0	19.84	19.67	19.69	
15	64QAM	1	0	19.46	19.39	19.34	20.2
15	64QAM	1	37	19.50	19.39	19.42	
15	64QAM	1	74	19.63	19.44	19.41	
15	64QAM	36	0	19.76	19.71	19.71	20.2
15	64QAM	36	20	19.84	19.70	19.73	
15	64QAM	36	39	19.84	19.84	19.83	
15	64QAM	75	0	19.79	19.66	19.66	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.56	19.55	19.50	20.2
10	QPSK	1	25	19.61	19.63	19.61	
10	QPSK	1	49	19.65	19.68	19.63	
10	QPSK	25	0	19.72	19.69	19.70	20.2
10	QPSK	25	12	19.82	19.68	19.73	
10	QPSK	25	25	19.88	19.72	19.72	
10	QPSK	50	0	19.87	19.65	19.66	
10	16QAM	1	0	19.77	19.71	19.63	20.2
10	16QAM	1	25	19.67	19.66	19.67	
10	16QAM	1	49	19.74	19.70	19.71	
10	16QAM	25	0	19.70	19.72	19.66	20.2
10	16QAM	25	12	19.85	19.73	19.67	
10	16QAM	25	25	19.86	19.79	19.81	
10	16QAM	50	0	19.84	19.66	19.66	
10	64QAM	1	0	19.47	19.41	19.38	20.2
10	64QAM	1	25	19.46	19.42	19.45	
10	64QAM	1	49	19.61	19.45	19.42	
10	64QAM	25	0	19.75	19.69	19.71	20.2
10	64QAM	25	12	19.84	19.67	19.72	
10	64QAM	25	25	19.90	19.83	19.73	
10	64QAM	50	0	19.84	19.71	19.66	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.58	19.54	19.53	20.2
5	QPSK	1	12	19.61	19.67	19.56	
5	QPSK	1	24	19.66	19.68	19.67	
5	QPSK	12	0	19.71	19.73	19.69	20.2
5	QPSK	12	7	19.82	19.71	19.70	
5	QPSK	12	13	19.85	19.73	19.75	
5	QPSK	25	0	19.77	19.72	19.65	
5	16QAM	1	0	19.72	19.64	19.62	20.2
5	16QAM	1	12	19.72	19.67	19.65	
5	16QAM	1	24	19.78	19.71	19.72	
5	16QAM	12	0	19.76	19.66	19.70	20.2
5	16QAM	12	7	19.84	19.68	19.72	
5	16QAM	12	13	19.88	19.74	19.80	
5	16QAM	25	0	19.79	19.72	19.66	
5	64QAM	1	0	19.47	19.41	19.35	20.2
5	64QAM	1	12	19.49	19.48	19.42	
5	64QAM	1	24	19.61	19.49	19.38	
5	64QAM	12	0	19.82	19.75	19.73	20.2
5	64QAM	12	7	19.87	19.77	19.76	
5	64QAM	12	13	19.91	19.76	19.75	
5	64QAM	25	0	19.81	19.72	19.70	

Band 38_HPUE

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.22	20.83	20.77	21.8
20	QPSK	1	49	20.96	20.84	20.80	
20	QPSK	1	99	21.16	20.85	20.67	
20	QPSK	50	0	21.13	20.87	21.03	21.8
20	QPSK	50	24	20.85	20.69	20.48	
20	QPSK	50	50	20.63	20.64	20.60	
20	QPSK	100	0	20.73	20.74	20.51	
20	16QAM	1	0	20.90	20.97	20.67	21.8
20	16QAM	1	49	21.02	21.02	20.84	
20	16QAM	1	99	20.96	20.98	21.00	
20	16QAM	50	0	21.00	21.04	20.71	21.8
20	16QAM	50	24	21.09	21.02	20.73	
20	16QAM	50	50	21.00	20.71	20.79	
20	16QAM	100	0	21.20	20.88	20.68	
20	64QAM	1	0	20.99	20.82	20.75	21.8
20	64QAM	1	49	20.95	20.88	20.67	
20	64QAM	1	99	21.00	20.84	20.68	
20	64QAM	50	0	20.98	21.07	20.82	21.8
20	64QAM	50	24	21.10	21.04	20.77	
20	64QAM	50	50	20.98	20.84	20.80	
20	64QAM	100	0	20.95	20.93	20.76	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.20	20.91	20.66	21.8
15	QPSK	1	37	20.89	20.78	20.69	
15	QPSK	1	74	20.94	20.98	20.65	
15	QPSK	36	0	20.99	20.92	20.96	21.8
15	QPSK	36	20	20.74	20.75	20.58	
15	QPSK	36	39	20.57	20.58	20.55	
15	QPSK	75	0	20.60	20.52	20.56	
15	16QAM	1	0	21.04	20.97	20.55	21.8
15	16QAM	1	37	20.77	20.97	20.95	
15	16QAM	1	74	20.90	21.07	20.90	
15	16QAM	36	0	20.96	20.93	20.73	21.8
15	16QAM	36	20	21.08	21.01	20.76	
15	16QAM	36	39	20.89	20.76	20.69	
15	16QAM	75	0	20.96	20.93	20.86	
15	64QAM	1	0	20.88	20.62	20.69	21.8
15	64QAM	1	37	20.95	20.74	20.64	
15	64QAM	1	74	21.01	20.72	20.74	
15	64QAM	36	0	20.84	20.92	20.81	21.8
15	64QAM	36	20	21.06	20.85	20.83	
15	64QAM	36	39	20.84	20.79	20.76	
15	64QAM	75	0	20.87	20.85	20.69	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.12	20.81	20.64	21.8
10	QPSK	1	25	20.70	20.74	20.74	
10	QPSK	1	49	20.92	20.85	20.48	
10	QPSK	25	0	21.05	20.99	20.81	21.8
10	QPSK	25	12	20.73	20.58	20.50	
10	QPSK	25	25	20.66	20.54	20.39	
10	QPSK	50	0	20.63	20.52	20.54	
10	16QAM	1	0	20.81	20.69	20.56	21.8
10	16QAM	1	25	20.76	21.00	20.77	
10	16QAM	1	49	20.89	20.75	20.97	
10	16QAM	25	0	20.85	20.92	20.64	21.8
10	16QAM	25	12	20.92	20.92	20.69	
10	16QAM	25	25	20.90	20.52	20.82	
10	16QAM	50	0	21.06	20.75	20.67	
10	64QAM	1	0	20.86	20.76	20.70	21.8
10	64QAM	1	25	20.83	20.75	20.61	
10	64QAM	1	49	20.99	20.53	20.56	
10	64QAM	25	0	20.98	20.95	20.61	21.8
10	64QAM	25	12	20.97	20.86	20.69	
10	64QAM	25	25	20.91	20.75	20.81	
10	64QAM	50	0	20.70	20.76	20.82	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.90	20.62	20.70	21.8
5	QPSK	1	12	20.84	20.64	20.73	
5	QPSK	1	24	20.91	20.64	20.50	
5	QPSK	12	0	20.97	20.77	20.91	21.8
5	QPSK	12	7	20.61	20.66	20.31	
5	QPSK	12	13	20.45	20.59	20.34	
5	QPSK	25	0	20.58	20.47	20.48	
5	16QAM	1	0	20.88	20.94	20.57	21.8
5	16QAM	1	12	20.68	20.90	20.67	
5	16QAM	1	24	20.81	20.83	20.80	
5	16QAM	12	0	20.87	20.79	20.52	21.8
5	16QAM	12	7	20.98	20.85	20.48	
5	16QAM	12	13	20.79	20.74	20.58	
5	16QAM	25	0	20.84	20.77	20.57	
5	64QAM	1	0	20.81	20.78	20.45	21.8
5	64QAM	1	12	20.89	20.82	20.77	
5	64QAM	1	24	20.82	20.78	20.55	
5	64QAM	12	0	20.94	20.89	20.74	21.8
5	64QAM	12	7	21.04	20.74	20.54	
5	64QAM	12	13	20.91	20.61	20.59	
5	64QAM	25	0	20.79	20.92	20.68	

Band 41

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.70	19.53	19.52	19.43	19.36	20.2
20	QPSK	1	49	19.68	19.46	19.43	19.39	19.32	
20	QPSK	1	99	19.64	19.47	19.40	19.26	19.29	
20	QPSK	50	0	19.66	19.45	19.41	19.29	19.21	20.2
20	QPSK	50	24	19.39	19.18	19.12	18.96	18.42	
20	QPSK	50	50	19.37	19.18	19.15	19.21	18.96	
20	QPSK	100	0	19.32	19.21	19.20	18.61	19.02	
20	16QAM	1	0	19.59	19.49	19.47	19.18	18.76	20.2
20	16QAM	1	49	19.59	19.45	19.41	19.43	19.19	
20	16QAM	1	99	19.57	19.49	19.48	18.95	19.22	
20	16QAM	50	0	19.69	19.53	19.41	19.40	19.13	20.2
20	16QAM	50	24	19.62	19.47	19.44	19.37	19.29	
20	16QAM	50	50	19.61	19.47	19.53	19.24	19.28	
20	16QAM	100	0	19.63	19.46	19.43	19.27	19.19	
20	64QAM	1	0	19.54	19.35	19.36	19.08	18.74	20.2
20	64QAM	1	49	19.50	19.37	19.30	19.33	19.16	
20	64QAM	1	99	19.48	19.36	19.43	18.88	19.08	
20	64QAM	50	0	19.68	19.52	19.38	19.38	19.12	20.2
20	64QAM	50	24	19.59	19.46	19.40	19.35	19.29	
20	64QAM	50	50	19.58	19.44	19.49	19.22	19.26	
20	64QAM	100	0	19.59	19.44	19.41	19.24	19.19	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.68	19.44	19.35	19.35	19.16	20.2
15	QPSK	1	37	19.64	19.45	19.42	19.39	19.27	
15	QPSK	1	74	19.63	19.43	19.52	19.16	19.27	
15	QPSK	36	0	19.57	19.44	19.32	19.25	19.21	20.2
15	QPSK	36	20	19.38	19.13	19.12	18.89	18.34	
15	QPSK	36	39	19.27	19.10	19.12	19.11	18.95	
15	QPSK	75	0	19.30	19.13	19.17	18.61	19.01	
15	16QAM	1	0	19.52	19.43	19.42	19.14	18.70	20.2
15	16QAM	1	37	19.54	19.42	19.33	19.33	19.10	
15	16QAM	1	74	19.49	19.49	19.40	18.93	19.18	
15	16QAM	36	0	19.67	19.46	19.40	19.30	19.06	20.2
15	16QAM	36	20	19.62	19.43	19.34	19.31	19.25	
15	16QAM	36	39	19.52	19.37	19.45	19.16	19.28	
15	16QAM	75	0	19.53	19.38	19.36	19.24	19.19	
15	64QAM	1	0	19.54	19.34	19.26	19.05	18.67	20.2
15	64QAM	1	37	19.46	19.37	19.30	19.23	19.15	
15	64QAM	1	74	19.41	19.32	19.38	18.81	19.05	
15	64QAM	36	0	19.67	19.47	19.34	19.38	19.08	20.2
15	64QAM	36	20	19.51	19.43	19.40	19.31	19.19	
15	64QAM	36	39	19.55	19.40	19.41	19.21	19.21	
15	64QAM	75	0	19.52	19.34	19.38	19.16	19.17	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.69	19.53	19.38	19.33	19.09	20.2
10	QPSK	1	25	19.59	19.44	19.43	19.36	19.24	
10	QPSK	1	49	19.54	19.37	19.52	19.21	19.22	
10	QPSK	25	0	19.64	19.43	19.37	19.27	19.18	20.2
10	QPSK	25	12	19.34	19.13	19.10	18.95	18.35	
10	QPSK	25	25	19.31	19.15	19.15	19.19	18.92	
10	QPSK	50	0	19.28	19.13	19.19	18.55	19.00	
10	16QAM	1	0	19.56	19.43	19.39	19.08	18.71	20.2
10	16QAM	1	25	19.49	19.38	19.36	19.39	19.09	
10	16QAM	1	49	19.57	19.44	19.43	18.88	19.14	
10	16QAM	25	0	19.64	19.51	19.39	19.32	19.03	20.2
10	16QAM	25	12	19.58	19.37	19.34	19.37	19.29	
10	16QAM	25	25	19.61	19.46	19.46	19.16	19.22	
10	16QAM	50	0	19.55	19.43	19.35	19.22	19.19	
10	64QAM	1	0	19.44	19.30	19.36	18.99	18.68	20.2
10	64QAM	1	25	19.50	19.36	19.27	19.30	19.16	
10	64QAM	1	49	19.44	19.28	19.33	18.81	19.02	
10	64QAM	25	0	19.64	19.42	19.33	19.37	19.09	20.2
10	64QAM	25	12	19.50	19.42	19.34	19.33	19.20	
10	64QAM	25	25	19.56	19.38	19.49	19.13	19.19	
10	64QAM	50	0	19.53	19.36	19.36	19.20	19.10	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	19.60	19.48	19.32	19.35	19.07	20.2
5	QPSK	1	12	19.58	19.46	19.38	19.32	19.29	
5	QPSK	1	24	19.57	19.46	19.45	19.26	19.20	
5	QPSK	12	0	19.62	19.36	19.41	19.25	19.14	20.2
5	QPSK	12	7	19.39	19.08	19.10	18.88	18.34	
5	QPSK	12	13	19.28	19.11	19.05	19.17	18.87	
5	QPSK	25	0	19.22	19.19	19.14	18.57	18.94	
5	16QAM	1	0	19.50	19.40	19.39	19.16	18.73	20.2
5	16QAM	1	12	19.55	19.38	19.34	19.39	19.18	
5	16QAM	1	24	19.49	19.45	19.48	18.87	19.17	
5	16QAM	12	0	19.64	19.45	19.31	19.36	19.07	20.2
5	16QAM	12	7	19.62	19.47	19.42	19.37	19.20	
5	16QAM	12	13	19.56	19.43	19.48	19.21	19.22	
5	16QAM	25	0	19.53	19.38	19.37	19.25	19.09	
5	64QAM	1	0	19.48	19.34	19.28	19.03	18.72	20.2
5	64QAM	1	12	19.43	19.29	19.24	19.32	19.13	
5	64QAM	1	24	19.48	19.27	19.39	18.87	19.06	
5	64QAM	12	0	19.58	19.42	19.33	19.31	19.08	20.2
5	64QAM	12	7	19.55	19.46	19.38	19.26	19.22	
5	64QAM	12	13	19.58	19.40	19.42	19.22	19.24	
5	64QAM	25	0	19.57	19.39	19.34	19.23	19.11	

Band 41_HPUE

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.24	21.03	20.90	20.95	20.78	21.8
20	QPSK	1	49	21.05	20.97	20.96	20.77	20.77	
20	QPSK	1	99	21.18	21.02	20.80	20.76	20.64	
20	QPSK	50	0	21.15	21.07	21.10	20.73	20.52	21.8
20	QPSK	50	24	20.94	20.78	20.65	20.50	20.19	
20	QPSK	50	50	20.79	20.79	20.63	20.68	20.63	
20	QPSK	100	0	20.84	20.74	20.70	20.29	20.51	
20	16QAM	1	0	21.08	21.02	20.80	20.83	20.61	21.8
20	16QAM	1	49	21.02	21.17	21.02	21.02	20.89	
20	16QAM	1	99	21.15	21.14	21.06	20.53	20.86	
20	16QAM	50	0	21.14	21.10	20.84	20.79	20.66	21.8
20	16QAM	50	24	21.19	21.11	20.84	20.94	20.80	
20	16QAM	50	50	21.08	20.90	20.98	20.73	20.85	
20	16QAM	100	0	21.22	21.02	20.87	20.78	20.66	
20	64QAM	1	0	21.08	20.90	20.80	20.56	20.24	21.8
20	64QAM	1	49	21.09	20.94	20.84	20.95	20.73	
20	64QAM	1	99	21.06	20.91	20.87	20.40	20.63	
20	64QAM	50	0	21.09	21.08	20.90	20.89	20.66	21.8
20	64QAM	50	24	21.15	21.05	20.93	20.89	20.75	
20	64QAM	50	50	21.05	20.94	20.90	20.72	20.85	
20	64QAM	100	0	20.95	21.01	20.92	20.79	20.72	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	21.22	20.94	20.83	20.87	20.68	21.8
15	QPSK	1	37	20.99	20.88	20.89	20.72	20.73	
15	QPSK	1	74	21.10	20.98	20.79	20.66	20.61	
15	QPSK	36	0	21.08	21.03	21.01	20.68	20.50	21.8
15	QPSK	36	20	20.86	20.78	20.65	20.50	20.12	
15	QPSK	36	39	20.76	20.69	20.62	20.60	20.63	
15	QPSK	75	0	20.74	20.67	20.61	20.29	20.43	
15	16QAM	1	0	21.08	21.02	20.75	20.77	20.55	21.8
15	16QAM	1	37	20.95	21.10	20.96	21.00	20.85	
15	16QAM	1	74	21.07	21.09	21.01	20.50	20.78	
15	16QAM	36	0	21.10	21.01	20.76	20.77	20.58	21.8
15	16QAM	36	20	21.17	21.01	20.80	20.90	20.74	
15	16QAM	36	39	21.06	20.89	20.89	20.71	20.85	
15	16QAM	75	0	21.14	20.97	20.87	20.71	20.58	
15	64QAM	1	0	21.08	20.80	20.77	20.56	20.20	21.8
15	64QAM	1	37	21.02	20.88	20.82	20.93	20.71	
15	64QAM	1	74	21.05	20.89	20.77	20.39	20.59	
15	64QAM	36	0	21.04	21.07	20.87	20.89	20.65	21.8
15	64QAM	36	20	21.08	21.03	20.84	20.80	20.66	
15	64QAM	36	39	20.98	20.90	20.81	20.62	20.79	
15	64QAM	75	0	20.92	21.01	20.84	20.72	20.69	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.20	20.91	20.81	20.87	20.63	21.8
10	QPSK	1	25	20.89	20.85	20.82	20.75	20.66	
10	QPSK	1	49	21.11	20.90	20.62	20.68	20.52	
10	QPSK	25	0	21.09	20.99	20.97	20.65	20.39	21.8
10	QPSK	25	12	20.92	20.72	20.59	20.42	20.09	
10	QPSK	25	25	20.69	20.74	20.50	20.64	20.50	
10	QPSK	50	0	20.73	20.64	20.66	20.18	20.36	
10	16QAM	1	0	20.99	20.88	20.74	20.72	20.47	21.8
10	16QAM	1	25	20.96	21.09	20.95	20.96	20.75	
10	16QAM	1	49	21.06	20.95	20.97	20.41	20.78	
10	16QAM	25	0	21.02	20.99	20.75	20.78	20.60	21.8
10	16QAM	25	12	21.11	21.06	20.71	20.80	20.66	
10	16QAM	25	25	20.97	20.72	20.86	20.60	20.72	
10	16QAM	50	0	21.15	20.85	20.79	20.74	20.59	
10	64QAM	1	0	20.89	20.82	20.77	20.49	20.15	21.8
10	64QAM	1	25	20.97	20.82	20.72	20.87	20.62	
10	64QAM	1	49	21.06	20.73	20.71	20.40	20.44	
10	64QAM	25	0	21.05	20.99	20.79	20.89	20.50	21.8
10	64QAM	25	12	21.02	21.02	20.85	20.78	20.73	
10	64QAM	25	25	21.00	20.92	20.81	20.57	20.80	
10	64QAM	50	0	20.88	20.92	20.88	20.65	20.67	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	20.97	20.82	20.70	20.78	20.67	21.8
5	QPSK	1	12	20.97	20.80	20.78	20.66	20.68	
5	QPSK	1	24	20.99	20.82	20.60	20.61	20.48	
5	QPSK	12	0	21.04	20.94	20.96	20.45	20.36	21.8
5	QPSK	12	7	20.74	20.66	20.50	20.38	20.02	
5	QPSK	12	13	20.62	20.74	20.49	20.57	20.49	
5	QPSK	25	0	20.73	20.55	20.62	20.23	20.35	
5	16QAM	1	0	20.90	20.94	20.64	20.70	20.54	21.8
5	16QAM	1	12	20.81	21.06	20.83	20.85	20.70	
5	16QAM	1	24	20.89	20.93	20.95	20.43	20.72	
5	16QAM	12	0	20.93	20.88	20.65	20.64	20.49	21.8
5	16QAM	12	7	21.04	20.96	20.65	20.77	20.62	
5	16QAM	12	13	20.97	20.75	20.78	20.62	20.65	
5	16QAM	25	0	20.95	20.87	20.69	20.59	20.57	
5	64QAM	1	0	20.91	20.82	20.56	20.45	20.06	21.8
5	64QAM	1	12	20.92	20.84	20.79	20.75	20.60	
5	64QAM	1	24	20.97	20.82	20.71	20.24	20.54	
5	64QAM	12	0	20.99	21.02	20.87	20.72	20.49	21.8
5	64QAM	12	7	21.11	20.83	20.71	20.71	20.65	
5	64QAM	12	13	20.93	20.75	20.67	20.70	20.76	
5	64QAM	25	0	20.86	21.00	20.85	20.58	20.51	

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Ant 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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	24.64	24.68	24.76	25
20	QPSK	1	49	24.61	24.66	24.74	
20	QPSK	1	99	24.59	24.62	24.66	
20	QPSK	50	0	23.79	23.86	23.94	24
20	QPSK	50	24	23.87	23.84	23.88	
20	QPSK	50	50	23.79	23.86	23.90	
20	QPSK	100	0	23.84	23.83	23.87	
20	16QAM	1	0	23.94	23.92	23.90	24
20	16QAM	1	49	23.93	23.95	23.90	
20	16QAM	1	99	23.96	23.98	23.99	
20	16QAM	50	0	22.85	22.87	22.97	23
20	16QAM	50	24	22.89	22.85	22.92	
20	16QAM	50	50	22.83	22.89	22.91	
20	16QAM	100	0	22.88	22.85	22.90	
20	64QAM	1	0	22.79	22.82	22.90	23
20	64QAM	1	49	22.81	22.88	22.85	
20	64QAM	1	99	22.81	22.86	22.76	
20	64QAM	50	0	21.84	21.90	21.85	22
20	64QAM	50	24	21.89	21.89	21.93	
20	64QAM	50	50	21.84	21.89	21.84	
20	64QAM	100	0	21.88	21.85	21.84	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	24.63	24.61	24.75	25
15	QPSK	1	37	24.60	24.66	24.67	
15	QPSK	1	74	24.56	24.53	24.61	
15	QPSK	36	0	23.77	23.78	23.92	24
15	QPSK	36	20	23.81	23.77	23.84	
15	QPSK	36	39	23.69	23.79	23.86	
15	QPSK	75	0	23.76	23.77	23.78	
15	16QAM	1	0	23.93	23.99	23.99	24
15	16QAM	1	37	23.87	23.95	23.97	
15	16QAM	1	74	23.86	23.88	23.97	
15	16QAM	36	0	22.78	22.77	22.97	23
15	16QAM	36	20	22.80	22.84	22.90	
15	16QAM	36	39	22.74	22.89	22.91	
15	16QAM	75	0	22.86	22.76	22.83	
15	64QAM	1	0	22.75	22.72	22.83	23
15	64QAM	1	37	22.80	22.78	22.85	
15	64QAM	1	74	22.80	22.78	22.74	
15	64QAM	36	0	21.84	21.88	21.85	22
15	64QAM	36	20	21.83	21.85	21.92	
15	64QAM	36	39	21.81	21.82	21.82	
15	64QAM	75	0	21.84	21.78	21.75	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	24.61	24.58	24.74	25
10	QPSK	1	25	24.58	24.56	24.68	
10	QPSK	1	49	24.59	24.52	24.61	
10	QPSK	25	0	23.74	23.79	23.88	24
10	QPSK	25	12	23.85	23.74	23.87	
10	QPSK	25	25	23.75	23.85	23.90	
10	QPSK	50	0	23.80	23.82	23.87	
10	16QAM	1	0	23.94	23.96	23.96	24
10	16QAM	1	25	23.90	23.96	23.90	
10	16QAM	1	49	23.92	23.88	23.98	
10	16QAM	25	0	22.76	22.77	22.92	23
10	16QAM	25	12	22.84	22.77	22.84	
10	16QAM	25	25	22.80	22.80	22.81	
10	16QAM	50	0	22.85	22.77	22.87	
10	64QAM	1	0	22.79	22.81	22.90	23
10	64QAM	1	25	22.71	22.80	22.79	
10	64QAM	1	49	22.71	22.84	22.67	
10	64QAM	25	0	21.77	21.87	21.83	22
10	64QAM	25	12	21.88	21.84	21.85	
10	64QAM	25	25	21.74	21.80	21.81	
10	64QAM	50	0	21.88	21.80	21.76	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	24.63	24.60	24.62	25
5	QPSK	1	12	24.59	24.63	24.71	
5	QPSK	1	24	24.59	24.53	24.59	
5	QPSK	12	0	23.75	23.80	23.88	24
5	QPSK	12	7	23.86	23.80	23.87	
5	QPSK	12	13	23.72	23.86	23.86	
5	QPSK	25	0	23.82	23.82	23.86	
5	16QAM	1	0	23.93	23.94	23.95	24
5	16QAM	1	12	23.84	23.93	23.91	
5	16QAM	1	24	23.91	23.91	23.97	
5	16QAM	12	0	22.79	22.86	22.94	23
5	16QAM	12	7	22.80	22.81	22.82	
5	16QAM	12	13	22.77	22.89	22.81	
5	16QAM	25	0	22.86	22.81	22.87	
5	64QAM	1	0	22.79	22.73	22.89	23
5	64QAM	1	12	22.73	22.80	22.78	
5	64QAM	1	24	22.76	22.79	22.70	
5	64QAM	12	0	21.84	21.86	21.85	22
5	64QAM	12	7	21.82	21.89	21.93	
5	64QAM	12	13	21.83	21.81	21.84	
5	64QAM	25	0	21.84	21.78	21.78	

Band 48

Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.89	24.38	24.55	20.93	25
20	QPSK	1	49	20.78	24.21	24.18	20.75	
20	QPSK	1	99	20.77	24.20	24.13	20.67	
20	QPSK	50	0	19.97	23.52	23.58	19.96	24
20	QPSK	50	24	19.92	23.53	23.50	19.90	
20	QPSK	50	50	19.88	23.47	23.44	19.80	
20	QPSK	100	0	19.93	23.52	23.51	19.87	
20	16QAM	1	0	19.91	23.68	23.68	19.92	24
20	16QAM	1	49	19.84	23.46	23.46	19.80	
20	16QAM	1	99	19.89	23.47	23.46	19.76	
20	16QAM	50	0	19.00	22.54	22.62	19.00	23
20	16QAM	50	24	18.97	22.57	22.56	18.94	
20	16QAM	50	50	18.89	22.51	22.48	18.82	
20	16QAM	100	0	18.95	22.58	22.53	18.90	
20	64QAM	1	0	18.74	22.36	22.11	18.87	23
20	64QAM	1	49	18.60	22.23	22.09	18.61	
20	64QAM	1	99	18.67	22.27	22.01	18.55	
20	64QAM	50	0	17.99	21.56	21.43	17.99	22
20	64QAM	50	24	17.96	21.59	21.46	17.94	
20	64QAM	50	50	17.90	21.52	21.35	17.82	
20	64QAM	100	0	17.95	21.57	21.36	17.91	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.82	24.38	24.36	20.87	25
15	QPSK	1	37	20.76	24.16	24.10	20.75	
15	QPSK	1	74	20.75	24.20	24.08	20.65	
15	QPSK	36	0	19.91	23.50	23.48	19.87	24
15	QPSK	36	20	19.87	23.45	23.43	19.86	
15	QPSK	36	39	19.78	23.42	23.40	19.71	
15	QPSK	75	0	19.87	23.43	23.41	19.80	
15	16QAM	1	0	19.96	23.61	23.60	19.96	24
15	16QAM	1	37	19.76	23.44	23.42	19.70	
15	16QAM	1	74	19.80	23.44	23.45	19.71	
15	16QAM	36	0	18.98	22.47	22.60	18.99	23
15	16QAM	36	20	18.96	22.56	22.46	18.89	
15	16QAM	36	39	18.81	22.49	22.39	18.72	
15	16QAM	75	0	18.88	22.51	22.48	18.84	
15	64QAM	1	0	18.73	22.26	22.07	18.82	23
15	64QAM	1	37	18.55	22.19	22.00	18.57	
15	64QAM	1	74	18.57	22.19	21.93	18.47	
15	64QAM	36	0	17.92	21.53	21.41	17.89	22
15	64QAM	36	20	17.88	21.52	21.37	17.90	
15	64QAM	36	39	17.83	21.48	21.30	17.72	
15	64QAM	75	0	17.95	21.48	21.33	17.83	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.81	24.30	24.32	20.92	25
10	QPSK	1	25	20.76	24.18	24.14	20.70	
10	QPSK	1	49	20.72	24.16	24.12	20.66	
10	QPSK	25	0	19.90	23.51	23.58	19.89	24
10	QPSK	25	12	19.90	23.46	23.48	19.88	
10	QPSK	25	25	19.87	23.45	23.38	19.72	
10	QPSK	50	0	19.91	23.42	23.51	19.84	
10	16QAM	1	0	19.94	23.59	23.66	19.96	24
10	16QAM	1	25	19.83	23.44	23.40	19.72	
10	16QAM	1	49	19.89	23.46	23.45	19.74	
10	16QAM	25	0	18.94	22.53	22.59	19.00	23
10	16QAM	25	12	18.87	22.57	22.54	18.88	
10	16QAM	25	25	18.84	22.51	22.40	18.80	
10	16QAM	50	0	18.92	22.55	22.50	18.82	
10	64QAM	1	0	18.67	22.31	22.05	18.82	23
10	64QAM	1	25	18.60	22.22	22.08	18.60	
10	64QAM	1	49	18.61	22.26	21.99	18.47	
10	64QAM	25	0	17.95	21.50	21.33	17.89	22
10	64QAM	25	12	17.92	21.54	21.43	17.84	
10	64QAM	25	25	17.89	21.42	21.25	17.77	
10	64QAM	50	0	17.87	21.56	21.36	17.81	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.81	24.33	24.39	20.92	25
5	QPSK	1	12	20.72	24.19	24.13	20.67	
5	QPSK	1	24	20.76	24.20	24.10	20.61	
5	QPSK	12	0	19.94	23.52	23.54	19.92	24
5	QPSK	12	7	19.87	23.48	23.40	19.84	
5	QPSK	12	13	19.83	23.41	23.43	19.71	
5	QPSK	25	0	19.88	23.50	23.43	19.77	
5	16QAM	1	0	19.99	23.66	23.67	19.91	24
5	16QAM	1	12	19.80	23.36	23.40	19.80	
5	16QAM	1	24	19.84	23.43	23.39	19.75	
5	16QAM	12	0	18.90	22.54	22.62	18.93	23
5	16QAM	12	7	18.97	22.54	22.55	18.89	
5	16QAM	12	13	18.83	22.41	22.48	18.75	
5	16QAM	25	0	18.92	22.54	22.48	18.87	
5	64QAM	1	0	18.73	22.28	22.03	18.77	23
5	64QAM	1	12	18.60	22.15	22.01	18.52	
5	64QAM	1	24	18.57	22.19	21.95	18.47	
5	64QAM	12	0	18.01	21.49	21.39	17.92	22
5	64QAM	12	7	17.95	21.50	21.46	17.94	
5	64QAM	12	13	17.83	21.42	21.30	17.75	
5	64QAM	25	0	17.89	21.53	21.33	17.91	

Band 38

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.93	24.94	24.98	25
20	QPSK	1	49	24.99	24.91	24.93	
20	QPSK	1	99	24.94	24.97	24.96	
20	QPSK	50	0	23.94	23.99	23.99	24
20	QPSK	50	24	23.99	23.92	23.92	
20	QPSK	50	50	23.88	23.84	23.82	
20	QPSK	100	0	23.89	23.88	23.82	
20	16QAM	1	0	23.83	23.86	23.86	24
20	16QAM	1	49	23.86	23.87	23.80	
20	16QAM	1	99	23.82	23.83	23.83	
20	16QAM	50	0	22.86	22.81	22.81	23
20	16QAM	50	24	22.89	22.86	22.83	
20	16QAM	50	50	22.80	22.86	22.80	
20	16QAM	100	0	22.88	22.83	22.82	
20	64QAM	1	0	22.80	22.81	22.81	23
20	64QAM	1	49	22.79	22.81	22.83	
20	64QAM	1	99	22.85	22.80	22.79	
20	64QAM	50	0	21.89	21.80	21.91	22
20	64QAM	50	24	21.90	21.76	21.84	
20	64QAM	50	50	21.81	21.88	21.85	
20	64QAM	100	0	21.89	21.84	21.82	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.91	24.94	24.97	25
15	QPSK	1	37	24.90	24.82	24.91	
15	QPSK	1	74	24.91	24.87	24.96	
15	QPSK	36	0	23.84	23.97	23.92	24
15	QPSK	36	20	23.96	23.87	23.83	
15	QPSK	36	39	23.79	23.80	23.72	
15	QPSK	75	0	23.81	23.87	23.78	
15	16QAM	1	0	23.74	23.83	23.81	24
15	16QAM	1	37	23.86	23.81	23.71	
15	16QAM	1	74	23.72	23.73	23.77	
15	16QAM	36	0	22.85	22.77	22.80	23
15	16QAM	36	20	22.81	22.86	22.79	
15	16QAM	36	39	22.75	22.85	22.76	
15	16QAM	75	0	22.88	22.74	22.79	
15	64QAM	1	0	22.71	22.80	22.73	23
15	64QAM	1	37	22.71	22.79	22.79	
15	64QAM	1	74	22.85	22.70	22.75	
15	64QAM	36	0	21.80	21.78	21.89	22
15	64QAM	36	20	21.87	21.70	21.80	
15	64QAM	36	39	21.77	21.82	21.83	
15	64QAM	75	0	21.89	21.84	21.79	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.92	24.89	24.91	25
10	QPSK	1	25	24.90	24.90	24.83	
10	QPSK	1	49	24.91	24.97	24.87	
10	QPSK	25	0	23.90	23.97	23.99	24
10	QPSK	25	12	23.95	23.89	23.89	
10	QPSK	25	25	23.84	23.77	23.72	
10	QPSK	50	0	23.82	23.82	23.74	
10	16QAM	1	0	23.74	23.76	23.84	24
10	16QAM	1	25	23.77	23.84	23.70	
10	16QAM	1	49	23.75	23.78	23.82	
10	16QAM	25	0	22.84	22.71	22.80	23
10	16QAM	25	12	22.87	22.81	22.82	
10	16QAM	25	25	22.70	22.77	22.75	
10	16QAM	50	0	22.86	22.75	22.74	
10	64QAM	1	0	22.80	22.74	22.74	23
10	64QAM	1	25	22.72	22.71	22.75	
10	64QAM	1	49	22.77	22.75	22.73	
10	64QAM	25	0	21.81	21.75	21.89	22
10	64QAM	25	12	21.83	21.73	21.77	
10	64QAM	25	25	21.79	21.79	21.83	
10	64QAM	50	0	21.80	21.79	21.75	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.86	24.92	24.94	25
5	QPSK	1	12	24.96	24.90	24.92	
5	QPSK	1	24	24.94	24.94	24.95	
5	QPSK	12	0	23.86	23.97	23.93	24
5	QPSK	12	7	23.91	23.82	23.83	
5	QPSK	12	13	23.88	23.82	23.81	
5	QPSK	25	0	23.79	23.82	23.72	
5	16QAM	1	0	23.74	23.76	23.86	24
5	16QAM	1	12	23.79	23.83	23.76	
5	16QAM	1	24	23.72	23.80	23.79	
5	16QAM	12	0	22.82	22.73	22.79	23
5	16QAM	12	7	22.86	22.82	22.73	
5	16QAM	12	13	22.77	22.83	22.79	
5	16QAM	25	0	22.84	22.78	22.79	
5	64QAM	1	0	22.77	22.77	22.79	23
5	64QAM	1	12	22.74	22.71	22.76	
5	64QAM	1	24	22.82	22.70	22.73	
5	64QAM	12	0	21.88	21.71	21.87	22
5	64QAM	12	7	21.88	21.71	21.84	
5	64QAM	12	13	21.80	21.83	21.80	
5	64QAM	25	0	21.84	21.77	21.72	

Band 38_HPUE

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.87	26.91	26.95	27.5
20	QPSK	1	49	26.62	26.98	26.99	
20	QPSK	1	99	26.60	27.01	27.00	
20	QPSK	50	0	25.73	25.88	26.11	26.5
20	QPSK	50	24	25.81	25.94	26.26	
20	QPSK	50	50	25.74	25.89	26.00	
20	QPSK	100	0	25.84	25.91	26.07	
20	16QAM	1	0	26.20	26.33	26.32	26.5
20	16QAM	1	49	25.96	26.26	26.32	
20	16QAM	1	99	25.96	26.37	26.34	
20	16QAM	50	0	24.94	25.08	25.29	25.5
20	16QAM	50	24	24.97	25.22	25.32	
20	16QAM	50	50	25.07	25.23	25.34	
20	16QAM	100	0	24.92	25.04	25.16	
20	64QAM	1	0	24.31	24.38	24.44	25.5
20	64QAM	1	49	24.04	24.31	24.74	
20	64QAM	1	99	24.04	24.55	24.68	
20	64QAM	50	0	23.16	23.14	23.43	24.5
20	64QAM	50	24	23.14	23.29	23.50	
20	64QAM	50	50	23.13	23.34	23.43	
20	64QAM	100	0	23.10	23.14	23.24	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.82	26.82	26.94	27.5
15	QPSK	1	37	26.58	26.91	26.95	
15	QPSK	1	74	26.58	26.99	26.98	
15	QPSK	36	0	25.63	25.85	26.01	26.5
15	QPSK	36	20	25.81	25.86	26.19	
15	QPSK	36	39	25.65	25.83	25.94	
15	QPSK	75	0	25.82	25.82	26.01	
15	16QAM	1	0	26.11	26.23	26.28	26.5
15	16QAM	1	37	25.93	26.20	26.22	
15	16QAM	1	74	25.90	26.27	26.33	
15	16QAM	36	0	24.90	25.06	25.27	25.5
15	16QAM	36	20	24.90	25.13	25.27	
15	16QAM	36	39	24.97	25.15	25.29	
15	16QAM	75	0	24.85	24.96	25.13	
15	64QAM	1	0	24.30	24.33	24.38	25.5
15	64QAM	1	37	23.99	24.25	24.74	
15	64QAM	1	74	24.04	24.55	24.66	
15	64QAM	36	0	23.12	23.11	23.43	24.5
15	64QAM	36	20	23.05	23.21	23.44	
15	64QAM	36	39	23.08	23.29	23.38	
15	64QAM	75	0	23.05	23.12	23.16	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.80	26.89	26.94	27.5
10	QPSK	1	25	26.58	26.90	26.93	
10	QPSK	1	49	26.52	27.00	26.98	
10	QPSK	25	0	25.68	25.80	26.06	26.5
10	QPSK	25	12	25.78	25.85	26.19	
10	QPSK	25	25	25.73	25.89	25.91	
10	QPSK	50	0	25.74	25.87	25.99	
10	16QAM	1	0	26.13	26.30	26.25	26.5
10	16QAM	1	25	25.86	26.19	26.23	
10	16QAM	1	49	25.90	26.32	26.31	
10	16QAM	25	0	24.90	25.07	25.22	25.5
10	16QAM	25	12	24.92	25.17	25.22	
10	16QAM	25	25	25.04	25.14	25.34	
10	16QAM	50	0	24.91	24.96	25.15	
10	64QAM	1	0	24.24	24.37	24.36	25.5
10	64QAM	1	25	23.97	24.24	24.64	
10	64QAM	1	49	24.04	24.53	24.65	
10	64QAM	25	0	23.07	23.12	23.33	24.5
10	64QAM	25	12	23.05	23.19	23.43	
10	64QAM	25	25	23.12	23.31	23.35	
10	64QAM	50	0	23.10	23.10	23.24	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.80	26.90	26.94	27.5
5	QPSK	1	12	26.59	26.97	26.91	
5	QPSK	1	24	26.53	26.96	26.91	
5	QPSK	12	0	25.64	25.85	26.04	26.5
5	QPSK	12	7	25.77	25.90	26.20	
5	QPSK	12	13	25.71	25.88	26.00	
5	QPSK	25	0	25.78	25.83	26.04	
5	16QAM	1	0	26.17	26.32	26.31	26.5
5	16QAM	1	12	25.96	26.21	26.27	
5	16QAM	1	24	25.93	26.32	26.28	
5	16QAM	12	0	24.84	25.07	25.19	25.5
5	16QAM	12	7	24.92	25.22	25.31	
5	16QAM	12	13	24.99	25.13	25.34	
5	16QAM	25	0	24.82	24.99	25.12	
5	64QAM	1	0	24.28	24.33	24.43	25.5
5	64QAM	1	12	23.96	24.26	24.67	
5	64QAM	1	24	23.95	24.49	24.64	
5	64QAM	12	0	23.06	23.09	23.41	24.5
5	64QAM	12	7	23.10	23.22	23.41	
5	64QAM	12	13	23.11	23.29	23.42	
5	64QAM	25	0	23.03	23.05	23.20	

Band 41

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.63	24.82	24.91	24.89	24.45	25
20	QPSK	1	49	24.67	24.87	24.94	24.95	24.81	
20	QPSK	1	99	24.73	24.95	24.96	24.75	24.68	
20	QPSK	50	0	23.81	23.99	23.90	23.98	23.79	24
20	QPSK	50	24	23.83	23.93	23.93	23.94	23.92	
20	QPSK	50	50	23.84	23.90	23.94	23.94	23.81	
20	QPSK	100	0	23.84	23.95	23.91	23.97	23.85	
20	16QAM	1	0	23.73	23.94	23.99	24.00	23.55	24
20	16QAM	1	49	23.73	23.98	23.91	23.99	23.88	
20	16QAM	1	99	23.84	23.93	23.92	23.86	23.75	
20	16QAM	50	0	22.81	22.83	22.82	22.80	22.81	23
20	16QAM	50	24	22.87	22.86	22.83	22.87	22.96	
20	16QAM	50	50	22.88	22.88	22.87	22.89	22.85	
20	16QAM	100	0	22.84	22.85	22.84	22.89	22.87	
20	64QAM	1	0	22.50	22.67	22.79	22.77	22.25	23
20	64QAM	1	49	22.44	22.70	22.71	22.88	22.62	
20	64QAM	1	99	22.56	22.77	22.73	22.54	22.41	
20	64QAM	50	0	21.81	21.94	21.85	21.81	21.81	22
20	64QAM	50	24	21.88	21.91	21.86	21.80	21.98	
20	64QAM	50	50	21.86	21.91	21.86	21.89	21.87	
20	64QAM	100	0	21.87	21.98	21.84	21.81	21.86	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.59	24.78	24.84	24.84	24.40	25
15	QPSK	1	37	24.57	24.78	24.88	24.85	24.75	
15	QPSK	1	74	24.72	24.95	24.94	24.71	24.65	
15	QPSK	36	0	23.81	23.91	23.83	23.98	23.75	24
15	QPSK	36	20	23.76	23.89	23.85	23.91	23.85	
15	QPSK	36	39	23.79	23.80	23.84	23.87	23.71	
15	QPSK	75	0	23.81	23.88	23.88	23.94	23.82	
15	16QAM	1	0	23.71	23.84	23.90	23.94	23.47	24
15	16QAM	1	37	23.71	23.97	23.86	23.99	23.83	
15	16QAM	1	74	23.82	23.89	23.89	23.83	23.65	
15	16QAM	36	0	22.74	22.81	22.77	22.70	22.80	23
15	16QAM	36	20	22.84	22.84	22.78	22.86	22.87	
15	16QAM	36	39	22.79	22.85	22.77	22.82	22.84	
15	16QAM	75	0	22.75	22.83	22.82	22.85	22.82	
15	64QAM	1	0	22.40	22.59	22.78	22.77	22.16	23
15	64QAM	1	37	22.42	22.61	22.63	22.82	22.53	
15	64QAM	1	74	22.49	22.77	22.69	22.51	22.39	
15	64QAM	36	0	21.77	21.91	21.76	21.78	21.80	22
15	64QAM	36	20	21.85	21.85	21.82	21.73	21.95	
15	64QAM	36	39	21.80	21.91	21.81	21.84	21.80	
15	64QAM	75	0	21.81	21.88	21.75	21.78	21.84	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.59	24.72	24.82	24.82	24.45	25
10	QPSK	1	25	24.60	24.81	24.85	24.93	24.80	
10	QPSK	1	49	24.67	24.90	24.92	24.68	24.58	
10	QPSK	25	0	23.74	23.97	23.84	23.89	23.75	24
10	QPSK	25	12	23.81	23.87	23.85	23.88	23.83	
10	QPSK	25	25	23.80	23.88	23.89	23.85	23.78	
10	QPSK	50	0	23.76	23.95	23.81	23.96	23.77	
10	16QAM	1	0	23.71	23.87	23.96	23.97	23.51	24
10	16QAM	1	25	23.64	23.93	23.82	23.95	23.86	
10	16QAM	1	49	23.81	23.91	23.86	23.84	23.75	
10	16QAM	25	0	22.76	22.75	22.75	22.76	22.80	23
10	16QAM	25	12	22.79	22.81	22.82	22.79	22.93	
10	16QAM	25	25	22.85	22.87	22.85	22.81	22.82	
10	16QAM	50	0	22.77	22.81	22.77	22.80	22.82	
10	64QAM	1	0	22.44	22.63	22.76	22.76	22.21	23
10	64QAM	1	25	22.40	22.68	22.64	22.86	22.54	
10	64QAM	1	49	22.51	22.70	22.63	22.50	22.31	
10	64QAM	25	0	21.75	21.87	21.78	21.77	21.79	22
10	64QAM	25	12	21.82	21.90	21.79	21.78	21.98	
10	64QAM	25	25	21.80	21.83	21.80	21.81	21.86	
10	64QAM	50	0	21.79	21.98	21.83	21.79	21.78	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	24.61	24.80	24.90	24.84	24.38	25
5	QPSK	1	12	24.60	24.85	24.87	24.89	24.79	
5	QPSK	1	24	24.71	24.94	24.96	24.71	24.65	
5	QPSK	12	0	23.77	23.92	23.85	23.97	23.74	24
5	QPSK	12	7	23.80	23.93	23.90	23.87	23.82	
5	QPSK	12	13	23.81	23.84	23.93	23.87	23.71	
5	QPSK	25	0	23.82	23.91	23.81	23.90	23.79	
5	16QAM	1	0	23.73	23.92	23.93	23.95	23.47	24
5	16QAM	1	12	23.73	23.96	23.85	23.97	23.84	
5	16QAM	1	24	23.82	23.91	23.86	23.82	23.71	
5	16QAM	12	0	22.71	22.78	22.75	22.72	22.73	23
5	16QAM	12	7	22.87	22.78	22.81	22.83	22.94	
5	16QAM	12	13	22.88	22.83	22.79	22.79	22.84	
5	16QAM	25	0	22.78	22.81	22.74	22.85	22.85	
5	64QAM	1	0	22.41	22.67	22.75	22.73	22.17	23
5	64QAM	1	12	22.41	22.65	22.69	22.85	22.54	
5	64QAM	1	24	22.48	22.76	22.72	22.45	22.40	
5	64QAM	12	0	21.75	21.89	21.81	21.75	21.80	22
5	64QAM	12	7	21.88	21.87	21.77	21.74	21.98	
5	64QAM	12	13	21.76	21.88	21.77	21.84	21.84	
5	64QAM	25	0	21.87	21.96	21.80	21.77	21.79	

Band 41_HPUE

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.92	26.05	26.68	26.59	26.20	27.5
20	QPSK	1	49	26.31	25.86	26.67	26.86	26.46	
20	QPSK	1	99	26.48	25.87	26.66	26.44	26.13	
20	QPSK	50	0	25.18	25.01	25.91	25.99	25.62	26.5
20	QPSK	50	24	25.39	24.93	25.93	26.08	25.77	
20	QPSK	50	50	25.69	24.79	25.95	25.88	25.47	
20	QPSK	100	0	24.56	24.86	25.95	25.88	25.63	
20	16QAM	1	0	25.24	25.30	26.07	25.97	25.51	26.5
20	16QAM	1	49	25.68	25.14	26.00	26.25	25.81	
20	16QAM	1	99	25.80	25.03	26.06	25.77	25.50	
20	16QAM	50	0	24.35	24.12	24.93	25.01	24.65	25.5
20	16QAM	50	24	24.68	24.08	24.96	25.11	24.79	
20	16QAM	50	50	24.74	23.98	24.98	24.89	24.66	
20	16QAM	100	0	24.22	23.92	24.95	24.91	24.70	
20	64QAM	1	0	23.58	23.66	24.29	24.83	24.10	25.5
20	64QAM	1	49	23.58	23.60	24.45	25.12	23.82	
20	64QAM	1	99	24.03	23.66	24.09	24.62	23.50	
20	64QAM	50	0	22.56	22.52	23.29	24.04	23.14	24.5
20	64QAM	50	24	22.67	22.54	23.35	24.12	23.03	
20	64QAM	50	50	22.90	22.59	23.42	23.90	22.78	
20	64QAM	100	0	22.55	22.54	23.35	23.92	22.93	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.88	25.95	26.64	26.49	26.14	27.5
15	QPSK	1	37	26.21	25.80	26.62	26.79	26.44	
15	QPSK	1	74	26.44	25.77	26.65	26.42	26.07	
15	QPSK	36	0	25.18	24.91	25.82	25.90	25.60	26.5
15	QPSK	36	20	25.35	24.83	25.88	26.03	25.67	
15	QPSK	36	39	25.66	24.72	25.87	25.78	25.37	
15	QPSK	75	0	24.51	24.80	25.86	25.86	25.55	
15	16QAM	1	0	25.24	25.21	26.05	25.97	25.50	26.5
15	16QAM	1	37	25.66	25.08	25.99	26.15	25.81	
15	16QAM	1	74	25.73	24.96	26.05	25.76	25.50	
15	16QAM	36	0	24.29	24.06	24.84	24.97	24.56	25.5
15	16QAM	36	20	24.62	24.08	24.86	25.04	24.73	
15	16QAM	36	39	24.70	23.89	24.93	24.89	24.64	
15	16QAM	75	0	24.17	23.82	24.87	24.82	24.61	
15	64QAM	1	0	23.55	23.56	24.25	24.79	24.07	25.5
15	64QAM	1	37	23.58	23.60	24.41	25.03	23.75	
15	64QAM	1	74	24.00	23.61	24.08	24.55	23.49	
15	64QAM	36	0	22.56	22.48	23.23	23.99	23.10	24.5
15	64QAM	36	20	22.65	22.47	23.34	24.11	23.02	
15	64QAM	36	39	22.84	22.59	23.32	23.88	22.78	
15	64QAM	75	0	22.53	22.51	23.26	23.85	22.90	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	26.03	26.58	26.55	26.10	27.5
10	QPSK	1	25	26.21	25.77	26.66	26.80	26.39	
10	QPSK	1	49	26.46	25.83	26.64	26.34	26.09	
10	QPSK	25	0	25.14	24.99	25.81	25.95	25.62	26.5
10	QPSK	25	12	25.33	24.85	25.85	26.05	25.75	
10	QPSK	25	25	25.59	24.78	25.94	25.80	25.45	
10	QPSK	50	0	24.56	24.77	25.86	25.82	25.54	
10	16QAM	1	0	25.15	25.22	25.99	25.94	25.44	26.5
10	16QAM	1	25	25.68	25.08	25.99	26.20	25.81	
10	16QAM	1	49	25.75	25.00	25.99	25.75	25.48	
10	16QAM	25	0	24.26	24.04	24.83	24.92	24.61	25.5
10	16QAM	25	12	24.68	24.00	24.91	25.10	24.74	
10	16QAM	25	25	24.72	23.97	24.98	24.81	24.61	
10	16QAM	50	0	24.21	23.82	24.95	24.82	24.61	
10	64QAM	1	0	23.54	23.61	24.26	24.75	24.02	25.5
10	64QAM	1	25	23.50	23.56	24.35	25.10	23.76	
10	64QAM	1	49	24.03	23.56	24.05	24.62	23.41	
10	64QAM	25	0	22.50	22.50	23.28	24.01	23.13	24.5
10	64QAM	25	12	22.63	22.49	23.29	24.10	22.99	
10	64QAM	25	25	22.87	22.49	23.34	23.87	22.71	
10	64QAM	50	0	22.46	22.53	23.27	23.89	22.84	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.82	25.95	26.66	26.59	26.19	27.5
5	QPSK	1	12	26.27	25.76	26.61	26.83	26.45	
5	QPSK	1	24	26.38	25.79	26.60	26.41	26.04	
5	QPSK	12	0	25.17	25.00	25.91	25.97	25.60	26.5
5	QPSK	12	7	25.33	24.91	25.87	26.06	25.72	
5	QPSK	12	13	25.65	24.78	25.95	25.83	25.41	
5	QPSK	25	0	24.54	24.77	25.94	25.87	25.59	
5	16QAM	1	0	25.19	25.24	26.05	25.89	25.45	26.5
5	16QAM	1	12	25.58	25.06	25.92	26.15	25.75	
5	16QAM	1	24	25.72	24.96	25.99	25.71	25.49	
5	16QAM	12	0	24.28	24.10	24.92	24.99	24.58	25.5
5	16QAM	12	7	24.64	24.06	24.87	25.06	24.75	
5	16QAM	12	13	24.64	23.96	24.94	24.79	24.62	
5	16QAM	25	0	24.16	23.90	24.91	24.88	24.68	
5	64QAM	1	0	23.48	23.60	24.24	24.80	24.04	25.5
5	64QAM	1	12	23.54	23.56	24.37	25.11	23.77	
5	64QAM	1	24	24.00	23.56	24.09	24.61	23.46	
5	64QAM	12	0	22.49	22.43	23.21	23.99	23.08	24.5
5	64QAM	12	7	22.66	22.44	23.33	24.04	22.99	
5	64QAM	12	13	22.80	22.53	23.37	23.83	22.72	
5	64QAM	25	0	22.52	22.54	23.29	23.92	22.93	

Band 42

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	22.94	23.03	23.03	23.5
20	QPSK	1	49	22.98	23.01	23.06	
20	QPSK	1	99	22.89	22.94	22.97	
20	QPSK	50	0	22.03	22.08	22.12	22.5
20	QPSK	50	24	22.08	22.04	22.08	
20	QPSK	50	50	22.03	22.06	22.08	
20	QPSK	100	0	22.07	22.02	22.07	
20	16QAM	1	0	22.09	22.11	22.17	22.5
20	16QAM	1	49	22.04	22.08	22.12	
20	16QAM	1	99	22.00	22.04	22.07	
20	16QAM	50	0	21.04	21.09	21.14	21.5
20	16QAM	50	24	21.10	21.07	21.10	
20	16QAM	50	50	21.04	21.09	21.10	
20	16QAM	100	0	21.07	21.03	21.09	
20	64QAM	1	0	20.70	20.81	20.75	21.5
20	64QAM	1	49	20.75	20.84	20.66	
20	64QAM	1	99	20.79	20.79	20.56	
20	64QAM	50	0	20.06	20.11	20.02	20.5
20	64QAM	50	24	20.11	20.08	20.06	
20	64QAM	50	50	20.05	20.08	19.95	
20	64QAM	100	0	20.09	20.03	19.94	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.85	22.94	22.94	23.5
15	QPSK	1	37	22.96	22.95	22.96	
15	QPSK	1	74	22.89	22.86	22.87	
15	QPSK	36	0	21.99	21.99	22.10	22.5
15	QPSK	36	20	21.98	21.97	22.04	
15	QPSK	36	39	22.00	22.04	22.05	
15	QPSK	75	0	22.01	22.00	21.98	
15	16QAM	1	0	22.04	22.09	22.13	22.5
15	16QAM	1	37	21.95	22.05	22.11	
15	16QAM	1	74	21.94	21.99	22.01	
15	16QAM	36	0	20.99	21.07	21.12	21.5
15	16QAM	36	20	21.08	20.97	21.06	
15	16QAM	36	39	20.97	21.01	21.07	
15	16QAM	75	0	21.02	21.00	21.01	
15	64QAM	1	0	20.61	20.78	20.73	21.5
15	64QAM	1	37	20.65	20.76	20.63	
15	64QAM	1	74	20.79	20.75	20.48	
15	64QAM	36	0	20.03	20.03	19.92	20.5
15	64QAM	36	20	20.05	20.08	20.03	
15	64QAM	36	39	20.00	20.00	19.86	
15	64QAM	75	0	20.05	20.01	19.92	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.92	22.95	22.96	23.5
10	QPSK	1	25	22.93	22.93	23.05	
10	QPSK	1	49	22.80	22.87	22.94	
10	QPSK	25	0	21.96	22.02	22.09	22.5
10	QPSK	25	12	22.08	21.96	22.05	
10	QPSK	25	25	21.99	21.96	22.05	
10	QPSK	50	0	21.98	21.95	22.02	
10	16QAM	1	0	22.01	22.02	22.10	22.5
10	16QAM	1	25	21.99	22.06	22.10	
10	16QAM	1	49	21.96	21.98	21.98	
10	16QAM	25	0	20.94	21.07	21.07	21.5
10	16QAM	25	12	21.03	20.99	21.05	
10	16QAM	25	25	20.97	21.02	21.06	
10	16QAM	50	0	21.05	20.94	20.99	
10	64QAM	1	0	20.70	20.79	20.67	21.5
10	64QAM	1	25	20.73	20.76	20.58	
10	64QAM	1	49	20.79	20.69	20.52	
10	64QAM	25	0	19.99	20.06	20.00	20.5
10	64QAM	25	12	20.10	20.05	20.05	
10	64QAM	25	25	19.98	20.02	19.89	
10	64QAM	50	0	20.09	19.94	19.89	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.92	23.01	22.97	23.5
5	QPSK	1	12	22.90	23.00	22.96	
5	QPSK	1	24	22.83	22.92	22.96	
5	QPSK	12	0	22.00	21.99	22.04	22.5
5	QPSK	12	7	22.05	22.00	22.01	
5	QPSK	12	13	21.99	21.96	22.02	
5	QPSK	25	0	22.03	21.93	22.02	
5	16QAM	1	0	22.05	22.02	22.15	22.5
5	16QAM	1	12	21.98	22.03	22.06	
5	16QAM	1	24	21.90	21.95	22.06	
5	16QAM	12	0	21.04	21.02	21.09	21.5
5	16QAM	12	7	21.08	21.00	21.04	
5	16QAM	12	13	20.98	21.05	21.10	
5	16QAM	25	0	20.98	20.96	21.03	
5	64QAM	1	0	20.61	20.80	20.72	21.5
5	64QAM	1	12	20.71	20.75	20.66	
5	64QAM	1	24	20.75	20.72	20.52	
5	64QAM	12	0	19.96	20.02	19.99	20.5
5	64QAM	12	7	20.05	20.00	19.98	
5	64QAM	12	13	20.00	19.98	19.90	
5	64QAM	25	0	20.02	19.94	19.93	

Band 48

Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.65	23.27	23.37	19.53	23.5
20	QPSK	1	49	19.47	23.06	23.02	19.31	
20	QPSK	1	99	19.50	23.04	22.96	19.22	
20	QPSK	50	0	18.70	22.22	22.33	18.51	22.5
20	QPSK	50	24	18.68	22.25	22.18	18.45	
20	QPSK	50	50	18.61	22.18	22.09	18.34	
20	QPSK	100	0	18.65	22.24	22.17	18.44	
20	16QAM	1	0	18.74	22.39	22.38	18.67	22.5
20	16QAM	1	49	18.57	22.18	22.11	18.39	
20	16QAM	1	99	18.63	22.16	22.05	18.30	
20	16QAM	50	0	17.74	21.24	21.26	17.57	21.5
20	16QAM	50	24	17.72	21.27	21.20	17.46	
20	16QAM	50	50	17.65	21.20	21.12	17.40	
20	16QAM	100	0	17.68	21.24	21.20	17.48	
20	64QAM	1	0	17.45	21.06	20.77	17.44	21.5
20	64QAM	1	49	17.36	20.91	20.75	17.13	
20	64QAM	1	99	17.39	20.93	20.67	17.09	
20	64QAM	50	0	16.74	20.25	20.09	16.54	20.5
20	64QAM	50	24	16.70	20.26	20.10	16.48	
20	64QAM	50	50	16.64	20.19	19.99	16.38	
20	64QAM	100	0	16.69	20.27	20.03	16.47	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.62	23.17	23.26	19.50	23.5
15	QPSK	1	37	19.41	23.02	23.02	19.27	
15	QPSK	1	74	19.47	22.94	22.86	19.20	
15	QPSK	36	0	18.68	22.21	22.20	18.48	22.5
15	QPSK	36	20	18.58	22.21	22.16	18.40	
15	QPSK	36	39	18.58	22.14	22.09	18.28	
15	QPSK	75	0	18.55	22.15	22.08	18.43	
15	16QAM	1	0	18.64	22.30	22.36	18.59	22.5
15	16QAM	1	37	18.55	22.17	22.05	18.33	
15	16QAM	1	74	18.56	22.10	21.96	18.20	
15	16QAM	36	0	17.67	21.22	21.26	17.47	21.5
15	16QAM	36	20	17.72	21.18	21.17	17.46	
15	16QAM	36	39	17.57	21.15	21.09	17.39	
15	16QAM	75	0	17.62	21.20	21.11	17.38	
15	64QAM	1	0	17.36	20.98	20.68	17.35	21.5
15	64QAM	1	37	17.26	20.86	20.72	17.10	
15	64QAM	1	74	17.36	20.83	20.66	17.00	
15	64QAM	36	0	16.71	20.20	20.00	16.44	20.5
15	64QAM	36	20	16.68	20.23	20.03	16.38	
15	64QAM	36	39	16.62	20.13	19.91	16.36	
15	64QAM	75	0	16.69	20.25	20.03	16.47	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.64	23.22	23.18	19.43	23.5
10	QPSK	1	25	19.46	23.00	22.97	19.21	
10	QPSK	1	49	19.42	23.01	22.86	19.21	
10	QPSK	25	0	18.60	22.20	22.19	18.48	22.5
10	QPSK	25	12	18.58	22.21	22.11	18.38	
10	QPSK	25	25	18.60	22.18	22.04	18.30	
10	QPSK	50	0	18.55	22.17	22.07	18.38	
10	16QAM	1	0	18.73	22.31	22.33	18.61	22.5
10	16QAM	1	25	18.54	22.17	22.02	18.34	
10	16QAM	1	49	18.62	22.09	21.98	18.28	
10	16QAM	25	0	17.66	21.19	21.24	17.48	21.5
10	16QAM	25	12	17.64	21.24	21.11	17.36	
10	16QAM	25	25	17.60	21.16	21.03	17.35	
10	16QAM	50	0	17.63	21.18	21.14	17.46	
10	64QAM	1	0	17.38	21.02	20.74	17.39	21.5
10	64QAM	1	25	17.27	20.89	20.75	17.08	
10	64QAM	1	49	17.32	20.92	20.62	17.05	
10	64QAM	25	0	16.69	20.20	20.09	16.47	20.5
10	64QAM	25	12	16.70	20.20	20.07	16.41	
10	64QAM	25	25	16.60	20.18	19.95	16.29	
10	64QAM	50	0	16.67	20.19	20.01	16.41	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.56	23.20	23.23	19.52	23.5
5	QPSK	1	12	19.40	22.99	23.01	19.22	
5	QPSK	1	24	19.50	22.96	22.96	19.17	
5	QPSK	12	0	18.62	22.19	22.17	18.48	22.5
5	QPSK	12	7	18.68	22.15	22.13	18.40	
5	QPSK	12	13	18.56	22.10	22.09	18.31	
5	QPSK	25	0	18.62	22.15	22.15	18.37	
5	16QAM	1	0	18.73	22.37	22.31	18.62	22.5
5	16QAM	1	12	18.56	22.16	22.05	18.35	
5	16QAM	1	24	18.63	22.15	21.98	18.23	
5	16QAM	12	0	17.67	21.14	21.16	17.52	21.5
5	16QAM	12	7	17.71	21.26	21.13	17.38	
5	16QAM	12	13	17.60	21.13	21.06	17.35	
5	16QAM	25	0	17.61	21.15	21.10	17.41	
5	64QAM	1	0	17.43	21.01	20.67	17.37	21.5
5	64QAM	1	12	17.31	20.86	20.73	17.08	
5	64QAM	1	24	17.33	20.87	20.64	17.03	
5	64QAM	12	0	16.68	20.17	20.03	16.48	20.5
5	64QAM	12	7	16.65	20.24	20.10	16.45	
5	64QAM	12	13	16.55	20.13	19.89	16.35	
5	64QAM	25	0	16.59	20.19	19.97	16.40	

Band 38

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.41	23.19	23.16	24.2
20	QPSK	1	49	23.34	23.15	23.14	
20	QPSK	1	99	23.26	23.17	23.13	
20	QPSK	50	0	23.26	23.01	23.05	24
20	QPSK	50	24	23.23	23.08	23.03	
20	QPSK	50	50	23.22	23.07	23.17	
20	QPSK	100	0	23.34	23.18	23.14	
20	16QAM	1	0	23.38	23.16	23.21	24
20	16QAM	1	49	23.34	23.09	23.03	
20	16QAM	1	99	23.25	23.17	23.21	
20	16QAM	50	0	22.60	22.42	22.29	23
20	16QAM	50	24	22.54	22.34	22.30	
20	16QAM	50	50	22.50	22.35	22.36	
20	16QAM	100	0	22.47	22.38	22.34	
20	64QAM	1	0	22.26	22.02	22.04	23
20	64QAM	1	49	22.26	22.06	22.02	
20	64QAM	1	99	22.20	22.08	22.17	
20	64QAM	50	0	21.66	21.48	21.32	22
20	64QAM	50	24	21.57	21.39	21.29	
20	64QAM	50	50	21.46	21.36	21.36	
20	64QAM	100	0	21.51	21.37	21.27	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.41	23.23	23.20	24.2
15	QPSK	1	37	23.33	23.09	23.11	
15	QPSK	1	74	23.30	23.11	23.06	
15	QPSK	36	0	23.26	23.02	23.12	24
15	QPSK	36	20	23.20	23.06	23.01	
15	QPSK	36	39	23.16	23.00	23.15	
15	QPSK	75	0	23.33	23.09	23.05	
15	16QAM	1	0	23.37	23.18	23.23	24
15	16QAM	1	37	23.34	23.15	23.07	
15	16QAM	1	74	23.22	23.19	23.19	
15	16QAM	36	0	22.60	22.38	22.27	23
15	16QAM	36	20	22.52	22.41	22.38	
15	16QAM	36	39	22.46	22.40	22.38	
15	16QAM	75	0	22.47	22.40	22.28	
15	64QAM	1	0	22.25	22.03	22.09	23
15	64QAM	1	37	22.23	22.05	22.09	
15	64QAM	1	74	22.17	22.06	22.11	
15	64QAM	36	0	21.59	21.48	21.34	22
15	64QAM	36	20	21.57	21.35	21.32	
15	64QAM	36	39	21.56	21.33	21.45	
15	64QAM	75	0	21.47	21.41	21.36	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.34	23.20	23.24	24.2
10	QPSK	1	25	23.28	23.15	23.14	
10	QPSK	1	49	23.27	23.15	23.07	
10	QPSK	25	0	23.24	23.05	23.12	24
10	QPSK	25	12	23.26	23.07	23.02	
10	QPSK	25	25	23.12	23.00	23.11	
10	QPSK	50	0	23.26	23.18	23.11	
10	16QAM	1	0	23.28	23.19	23.15	24
10	16QAM	1	25	23.24	23.19	23.08	
10	16QAM	1	49	23.23	23.17	23.23	
10	16QAM	25	0	22.62	22.45	22.33	23
10	16QAM	25	12	22.51	22.37	22.36	
10	16QAM	25	25	22.53	22.35	22.41	
10	16QAM	50	0	22.53	22.32	22.26	
10	64QAM	1	0	22.28	22.05	22.07	23
10	64QAM	1	25	22.20	22.02	22.02	
10	64QAM	1	49	22.12	22.01	22.17	
10	64QAM	25	0	21.65	21.44	21.34	22
10	64QAM	25	12	21.51	21.34	21.32	
10	64QAM	25	25	21.49	21.32	21.46	
10	64QAM	50	0	21.55	21.37	21.29	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.39	23.25	23.22	24.2
5	QPSK	1	12	23.25	23.09	23.14	
5	QPSK	1	24	23.23	23.15	23.12	
5	QPSK	12	0	23.17	23.02	23.12	24
5	QPSK	12	7	23.20	23.08	23.06	
5	QPSK	12	13	23.18	23.07	23.18	
5	QPSK	25	0	23.25	23.15	23.10	
5	16QAM	1	0	23.35	23.11	23.23	24
5	16QAM	1	12	23.27	23.17	23.09	
5	16QAM	1	24	23.32	23.21	23.17	
5	16QAM	12	0	22.56	22.38	22.28	23
5	16QAM	12	7	22.47	22.37	22.34	
5	16QAM	12	13	22.49	22.35	22.40	
5	16QAM	25	0	22.51	22.34	22.26	
5	64QAM	1	0	22.23	22.01	22.05	23
5	64QAM	1	12	22.19	22.03	22.03	
5	64QAM	1	24	22.21	22.02	22.09	
5	64QAM	12	0	21.62	21.40	21.28	22
5	64QAM	12	7	21.49	21.44	21.35	
5	64QAM	12	13	21.55	21.33	21.45	
5	64QAM	25	0	21.55	21.38	21.35	

Band 38_HPUE

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.72	25.69	25.44	25.8
20	QPSK	1	49	25.67	25.61	25.67	
20	QPSK	1	99	25.62	25.68	25.26	
20	QPSK	50	0	25.55	25.16	24.79	25.8
20	QPSK	50	24	25.18	25.09	24.72	
20	QPSK	50	50	25.16	25.07	24.53	
20	QPSK	100	0	23.71	25.06	24.63	
20	16QAM	1	0	25.41	25.24	24.85	25.8
20	16QAM	1	49	25.33	25.21	25.07	
20	16QAM	1	99	25.36	25.14	24.63	
20	16QAM	50	0	24.34	24.15	23.96	25.5
20	16QAM	50	24	24.30	24.06	23.97	
20	16QAM	50	50	24.19	24.05	23.88	
20	16QAM	100	0	23.74	24.03	23.78	
20	64QAM	1	0	23.54	23.80	23.77	25.5
20	64QAM	1	49	23.88	23.81	23.72	
20	64QAM	1	99	23.94	23.99	23.76	
20	64QAM	50	0	22.76	22.73	22.70	24.5
20	64QAM	50	24	22.96	22.83	22.73	
20	64QAM	50	50	22.98	22.93	22.75	
20	64QAM	100	0	22.77	22.69	22.70	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.69	25.66	25.47	25.8
15	QPSK	1	37	25.60	25.61	25.67	
15	QPSK	1	74	25.57	25.61	25.28	
15	QPSK	36	0	25.58	25.08	24.79	25.8
15	QPSK	36	20	25.21	25.10	24.71	
15	QPSK	36	39	25.19	25.03	24.52	
15	QPSK	75	0	23.74	25.06	24.68	
15	16QAM	1	0	25.42	25.24	24.85	25.8
15	16QAM	1	37	25.34	25.20	25.08	
15	16QAM	1	74	25.32	25.19	24.60	
15	16QAM	36	0	24.29	24.10	24.05	25.5
15	16QAM	36	20	24.30	24.10	23.96	
15	16QAM	36	39	24.22	24.12	23.97	
15	16QAM	75	0	23.75	24.07	23.76	
15	64QAM	1	0	23.60	23.83	23.72	25.5
15	64QAM	1	37	23.87	23.83	23.75	
15	64QAM	1	74	23.99	23.98	23.71	
15	64QAM	36	0	22.78	22.67	22.69	24.5
15	64QAM	36	20	22.94	22.81	22.70	
15	64QAM	36	39	23.06	22.93	22.77	
15	64QAM	75	0	22.77	22.71	22.75	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.66	25.68	25.48	25.8
10	QPSK	1	25	25.69	25.69	25.68	
10	QPSK	1	49	25.60	25.63	25.32	
10	QPSK	25	0	25.60	25.16	24.84	25.8
10	QPSK	25	12	25.23	25.03	24.77	
10	QPSK	25	25	25.22	25.04	24.52	
10	QPSK	50	0	23.70	25.06	24.59	
10	16QAM	1	0	25.35	25.26	24.79	25.8
10	16QAM	1	25	25.37	25.24	25.10	
10	16QAM	1	49	25.33	25.22	24.64	
10	16QAM	25	0	24.31	24.15	24.00	25.5
10	16QAM	25	12	24.22	24.05	23.98	
10	16QAM	25	25	24.25	24.11	23.93	
10	16QAM	50	0	23.74	24.06	23.81	
10	64QAM	1	0	23.52	23.84	23.73	25.5
10	64QAM	1	25	23.82	23.83	23.74	
10	64QAM	1	49	24.03	24.04	23.75	
10	64QAM	25	0	22.77	22.69	22.74	24.5
10	64QAM	25	12	22.96	22.83	22.76	
10	64QAM	25	25	23.05	22.87	22.72	
10	64QAM	50	0	22.76	22.72	22.70	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.65	25.69	25.45	25.8
5	QPSK	1	12	25.66	25.71	25.71	
5	QPSK	1	24	25.55	25.68	25.25	
5	QPSK	12	0	25.60	25.13	24.78	25.8
5	QPSK	12	7	25.18	25.10	24.79	
5	QPSK	12	13	25.21	25.07	24.55	
5	QPSK	25	0	23.76	25.10	24.65	
5	16QAM	1	0	25.35	25.26	24.78	25.8
5	16QAM	1	12	25.37	25.28	25.03	
5	16QAM	1	24	25.36	25.14	24.56	
5	16QAM	12	0	24.32	24.15	24.03	25.5
5	16QAM	12	7	24.24	24.12	23.96	
5	16QAM	12	13	24.21	24.03	23.89	
5	16QAM	25	0	23.73	24.05	23.73	
5	64QAM	1	0	23.60	23.86	23.73	25.5
5	64QAM	1	12	23.87	23.89	23.72	
5	64QAM	1	24	24.01	23.96	23.67	
5	64QAM	12	0	22.78	22.75	22.70	24.5
5	64QAM	12	7	22.99	22.76	22.70	
5	64QAM	12	13	23.05	22.93	22.73	
5	64QAM	25	0	22.79	22.75	22.73	

Band 41

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.41	23.25	23.24	23.14	23.15	24.2
20	QPSK	1	49	23.34	23.19	23.15	23.05	23.13	
20	QPSK	1	99	23.33	23.17	23.13	23.04	23.03	
20	QPSK	50	0	23.27	23.07	23.13	23.09	23.13	24
20	QPSK	50	24	23.26	23.09	23.07	23.05	23.02	
20	QPSK	50	50	23.22	23.08	23.18	23.12	23.09	
20	QPSK	100	0	23.35	23.19	23.14	23.04	23.13	
20	16QAM	1	0	23.38	23.21	23.23	23.20	23.16	24
20	16QAM	1	49	23.34	23.19	23.13	23.08	23.12	
20	16QAM	1	99	23.32	23.23	23.26	23.26	23.20	
20	16QAM	50	0	22.63	22.47	22.37	22.32	22.30	23
20	16QAM	50	24	22.56	22.42	22.39	22.30	22.30	
20	16QAM	50	50	22.54	22.41	22.45	22.43	22.37	
20	16QAM	100	0	22.54	22.42	22.36	22.36	22.34	
20	64QAM	1	0	22.32	22.09	22.09	22.08	22.08	23
20	64QAM	1	49	22.27	22.11	22.10	22.02	22.08	
20	64QAM	1	99	22.21	22.11	22.17	22.15	22.09	
20	64QAM	50	0	21.66	21.49	21.37	21.32	21.29	22
20	64QAM	50	24	21.58	21.44	21.38	21.33	21.37	
20	64QAM	50	50	21.56	21.42	21.46	21.39	21.44	
20	64QAM	100	0	21.55	21.41	21.37	21.29	21.27	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.23	23.07	23.21	23.04	23.09	24.2
15	QPSK	1	37	23.26	23.05	23.16	23.02	23.00	
15	QPSK	1	74	23.18	23.03	23.14	23.15	23.17	
15	QPSK	36	0	23.33	23.21	23.33	23.12	23.11	24
15	QPSK	36	20	23.24	23.16	23.28	23.10	23.10	
15	QPSK	36	39	23.28	23.16	23.31	23.21	23.16	
15	QPSK	75	0	23.30	23.16	23.32	23.08	23.06	
15	16QAM	1	0	23.32	23.21	23.30	23.21	23.14	24
15	16QAM	1	37	23.24	23.09	23.27	23.08	23.10	
15	16QAM	1	74	23.22	23.15	23.31	23.16	23.18	
15	16QAM	36	0	22.62	22.39	22.53	22.28	22.34	23
15	16QAM	36	20	22.47	22.41	22.53	22.30	22.37	
15	16QAM	36	39	22.50	22.35	22.44	22.36	22.43	
15	16QAM	75	0	22.45	22.37	22.47	22.36	22.35	
15	64QAM	1	0	22.30	22.03	22.22	22.03	22.00	23
15	64QAM	1	37	22.20	22.08	22.17	22.09	22.09	
15	64QAM	1	74	22.19	22.01	22.12	22.14	22.15	
15	64QAM	36	0	21.56	21.39	21.57	21.28	21.27	22
15	64QAM	36	20	21.50	21.38	21.49	21.33	21.32	
15	64QAM	36	39	21.48	21.33	21.46	21.46	21.37	
15	64QAM	75	0	21.51	21.34	21.53	21.36	21.32	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.21	23.01	23.18	23.07	23.13	24.2
10	QPSK	1	25	23.21	23.09	23.16	23.08	23.00	
10	QPSK	1	49	23.14	23.08	23.18	23.15	23.10	
10	QPSK	25	0	23.36	23.20	23.31	23.07	23.11	24
10	QPSK	25	12	23.32	23.16	23.34	23.12	23.08	
10	QPSK	25	25	23.26	23.07	23.24	23.20	23.17	
10	QPSK	50	0	23.33	23.15	23.31	23.11	23.11	
10	16QAM	1	0	23.34	23.11	23.30	23.21	23.17	24
10	16QAM	1	25	23.32	23.17	23.30	23.11	23.08	
10	16QAM	1	49	23.32	23.23	23.30	23.17	23.16	
10	16QAM	25	0	22.63	22.42	22.57	22.30	22.29	23
10	16QAM	25	12	22.49	22.32	22.49	22.39	22.33	
10	16QAM	25	25	22.46	22.32	22.51	22.38	22.40	
10	16QAM	50	0	22.52	22.42	22.50	22.28	22.34	
10	64QAM	1	0	22.26	22.00	22.22	22.05	22.06	23
10	64QAM	1	25	22.25	22.01	22.17	22.10	22.01	
10	64QAM	1	49	22.17	22.08	22.18	22.09	22.12	
10	64QAM	25	0	21.63	21.46	21.64	21.29	21.36	22
10	64QAM	25	12	21.58	21.36	21.58	21.34	21.37	
10	64QAM	25	25	21.54	21.32	21.51	21.44	21.39	
10	64QAM	50	0	21.45	21.41	21.54	21.36	21.30	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.24	23.05	23.18	23.03	23.03	24.2
5	QPSK	1	12	23.18	23.06	23.19	23.05	23.03	
5	QPSK	1	24	23.21	23.04	23.17	23.09	23.18	
5	QPSK	12	0	23.21	23.20	23.40	23.04	23.05	24
5	QPSK	12	7	23.32	23.19	23.31	23.09	23.10	
5	QPSK	12	13	23.32	23.11	23.31	23.14	23.15	
5	QPSK	25	0	23.32	23.19	23.26	23.04	23.10	
5	16QAM	1	0	23.37	23.20	23.33	23.15	23.18	24
5	16QAM	1	12	23.31	23.09	23.33	23.04	23.10	
5	16QAM	1	24	23.22	23.13	23.27	23.16	23.20	
5	16QAM	12	0	22.60	22.45	22.57	22.37	22.36	23
5	16QAM	12	7	22.49	22.33	22.47	22.33	22.32	
5	16QAM	12	13	22.49	22.40	22.51	22.44	22.43	
5	16QAM	25	0	22.51	22.40	22.53	22.29	22.30	
5	64QAM	1	0	22.30	22.06	22.27	21.99	22.01	23
5	64QAM	1	12	22.18	22.07	22.20	22.00	22.01	
5	64QAM	1	24	22.14	22.07	22.12	22.14	22.14	
5	64QAM	12	0	21.59	21.47	21.65	21.34	21.36	22
5	64QAM	12	7	21.54	21.40	21.52	21.31	21.30	
5	64QAM	12	13	21.51	21.34	21.46	21.36	21.40	
5	64QAM	25	0	21.50	21.33	21.47	21.33	21.34	

Band 41_HPUE

Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.72	25.73	25.53	25.63	25.36	25.8
20	QPSK	1	49	25.69	25.71	25.73	25.76	25.74	
20	QPSK	1	99	25.64	25.71	25.32	25.46	25.64	
20	QPSK	50	0	25.63	25.16	24.85	25.01	24.81	25.8
20	QPSK	50	24	25.27	25.10	24.79	24.98	24.96	
20	QPSK	50	50	25.22	25.09	24.57	24.88	24.94	
20	QPSK	100	0	23.76	25.11	24.68	24.91	24.86	
20	16QAM	1	0	25.42	25.26	24.88	24.99	24.68	25.8
20	16QAM	1	49	25.40	25.30	25.11	25.21	25.05	
20	16QAM	1	99	25.40	25.23	24.65	24.79	25.01	
20	16QAM	50	0	24.39	24.19	24.05	24.05	23.82	25.5
20	16QAM	50	24	24.31	24.15	24.00	24.04	23.99	
20	16QAM	50	50	24.28	24.12	23.97	23.91	23.97	
20	16QAM	100	0	23.79	24.13	23.83	23.93	23.89	
20	64QAM	1	0	23.62	23.87	23.78	23.87	23.51	25.5
20	64QAM	1	49	23.89	23.89	23.75	24.14	23.81	
20	64QAM	1	99	24.04	24.05	23.76	23.59	23.50	
20	64QAM	50	0	22.82	22.77	22.79	23.07	22.85	24.5
20	64QAM	50	24	23.04	22.83	22.78	23.04	22.89	
20	64QAM	50	50	23.08	22.93	22.79	22.94	22.57	
20	64QAM	100	0	22.82	22.75	22.76	22.96	22.68	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.63	25.71	25.45	25.59	25.33	25.8
15	QPSK	1	37	25.59	25.70	25.69	25.70	25.72	
15	QPSK	1	74	25.62	25.63	25.26	25.42	25.54	
15	QPSK	36	0	25.54	25.12	24.78	24.96	24.78	25.8
15	QPSK	36	20	25.27	25.10	24.72	24.91	24.88	
15	QPSK	36	39	25.13	25.05	24.49	24.83	24.87	
15	QPSK	75	0	23.68	25.01	24.59	24.84	24.78	
15	16QAM	1	0	25.37	25.17	24.83	24.89	24.61	25.8
15	16QAM	1	37	25.38	25.24	25.06	25.19	25.05	
15	16QAM	1	74	25.33	25.14	24.64	24.78	25.01	
15	16QAM	36	0	24.33	24.13	24.02	23.97	23.80	25.5
15	16QAM	36	20	24.25	24.13	23.98	23.95	23.89	
15	16QAM	36	39	24.23	24.12	23.89	23.82	23.90	
15	16QAM	75	0	23.76	24.08	23.73	23.90	23.79	
15	64QAM	1	0	23.54	23.83	23.70	23.84	23.49	25.5
15	64QAM	1	37	23.84	23.85	23.66	24.06	23.80	
15	64QAM	1	74	23.99	24.04	23.72	23.56	23.48	
15	64QAM	36	0	22.75	22.75	22.69	23.05	22.81	24.5
15	64QAM	36	20	23.03	22.80	22.71	22.98	22.87	
15	64QAM	36	39	23.05	22.93	22.72	22.87	22.53	
15	64QAM	75	0	22.74	22.67	22.70	22.91	22.68	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.69	25.72	25.44	25.56	25.28	25.8
10	QPSK	1	25	25.66	25.71	25.65	25.70	25.64	
10	QPSK	1	49	25.63	25.66	25.22	25.38	25.63	
10	QPSK	25	0	25.55	25.16	24.84	24.97	24.79	25.8
10	QPSK	25	12	25.21	25.06	24.73	24.94	24.88	
10	QPSK	25	25	25.12	25.01	24.55	24.80	24.89	
10	QPSK	50	0	23.76	25.02	24.59	24.86	24.80	
10	16QAM	1	0	25.36	25.19	24.85	24.91	24.67	25.8
10	16QAM	1	25	25.37	25.29	25.06	25.16	25.02	
10	16QAM	1	49	25.32	25.17	24.62	24.78	24.91	
10	16QAM	25	0	24.29	24.17	24.04	24.05	23.78	25.5
10	16QAM	25	12	24.29	24.05	23.97	23.98	23.91	
10	16QAM	25	25	24.19	24.06	23.93	23.89	23.92	
10	16QAM	50	0	23.75	24.05	23.75	23.90	23.81	
10	64QAM	1	0	23.53	23.81	23.68	23.77	23.49	25.5
10	64QAM	1	25	23.88	23.80	23.74	24.11	23.71	
10	64QAM	1	49	23.95	24.00	23.71	23.52	23.50	
10	64QAM	25	0	22.76	22.75	22.73	23.03	22.80	24.5
10	64QAM	25	12	22.98	22.79	22.76	23.03	22.84	
10	64QAM	25	25	23.03	22.86	22.70	22.87	22.50	
10	64QAM	50	0	22.75	22.69	22.66	22.96	22.62	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.65	25.67	25.50	25.58	25.27	25.8
5	QPSK	1	12	25.63	25.71	25.63	25.74	25.70	
5	QPSK	1	24	25.61	25.61	25.24	25.46	25.58	
5	QPSK	12	0	25.53	25.10	24.80	24.94	24.77	25.8
5	QPSK	12	7	25.23	25.04	24.75	24.98	24.94	
5	QPSK	12	13	25.22	25.08	24.51	24.84	24.85	
5	QPSK	25	0	23.67	25.05	24.59	24.86	24.86	
5	16QAM	1	0	25.33	25.22	24.81	24.97	24.66	25.8
5	16QAM	1	12	25.39	25.21	25.06	25.12	25.02	
5	16QAM	1	24	25.31	25.23	24.65	24.75	24.95	
5	16QAM	12	0	24.34	24.11	23.96	23.98	23.82	25.5
5	16QAM	12	7	24.24	24.08	23.94	23.95	23.93	
5	16QAM	12	13	24.23	24.07	23.87	23.91	23.92	
5	16QAM	25	0	23.75	24.10	23.75	23.86	23.86	
5	64QAM	1	0	23.60	23.83	23.77	23.84	23.49	25.5
5	64QAM	1	12	23.85	23.84	23.70	24.09	23.79	
5	64QAM	1	24	24.03	23.96	23.75	23.54	23.46	
5	64QAM	12	0	22.82	22.73	22.72	23.01	22.78	24.5
5	64QAM	12	7	22.94	22.77	22.70	22.97	22.82	
5	64QAM	12	13	23.06	22.88	22.78	22.84	22.56	
5	64QAM	25	0	22.81	22.75	22.69	22.96	22.64	

Band 42

Ant 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				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	24.64	24.68	24.76	25
20	QPSK	1	49	24.61	24.66	24.74	
20	QPSK	1	99	24.59	24.62	24.66	
20	QPSK	50	0	23.79	23.86	23.94	24
20	QPSK	50	24	23.87	23.84	23.88	
20	QPSK	50	50	23.79	23.86	23.90	
20	QPSK	100	0	23.84	23.83	23.87	
20	16QAM	1	0	23.94	23.92	23.90	24
20	16QAM	1	49	23.93	23.95	23.90	
20	16QAM	1	99	23.96	23.98	23.99	
20	16QAM	50	0	22.85	22.87	22.97	23
20	16QAM	50	24	22.89	22.85	22.92	
20	16QAM	50	50	22.83	22.89	22.91	
20	16QAM	100	0	22.88	22.85	22.90	
20	64QAM	1	0	22.79	22.82	22.90	23
20	64QAM	1	49	22.81	22.88	22.85	
20	64QAM	1	99	22.81	22.86	22.76	
20	64QAM	50	0	21.84	21.90	21.85	22
20	64QAM	50	24	21.89	21.89	21.93	
20	64QAM	50	50	21.84	21.89	21.84	
20	64QAM	100	0	21.88	21.85	21.84	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	24.63	24.61	24.75	25
15	QPSK	1	37	24.60	24.66	24.67	
15	QPSK	1	74	24.56	24.53	24.61	
15	QPSK	36	0	23.77	23.78	23.92	24
15	QPSK	36	20	23.81	23.77	23.84	
15	QPSK	36	39	23.69	23.79	23.86	
15	QPSK	75	0	23.76	23.77	23.78	
15	16QAM	1	0	23.93	23.99	23.99	24
15	16QAM	1	37	23.87	23.95	23.97	
15	16QAM	1	74	23.86	23.88	23.97	
15	16QAM	36	0	22.78	22.77	22.97	23
15	16QAM	36	20	22.80	22.84	22.90	
15	16QAM	36	39	22.74	22.89	22.91	
15	16QAM	75	0	22.86	22.76	22.83	
15	64QAM	1	0	22.75	22.72	22.83	23
15	64QAM	1	37	22.80	22.78	22.85	
15	64QAM	1	74	22.80	22.78	22.74	
15	64QAM	36	0	21.84	21.88	21.85	22
15	64QAM	36	20	21.83	21.85	21.92	
15	64QAM	36	39	21.81	21.82	21.82	
15	64QAM	75	0	21.84	21.78	21.75	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	24.61	24.58	24.74	25
10	QPSK	1	25	24.58	24.56	24.68	
10	QPSK	1	49	24.59	24.52	24.61	
10	QPSK	25	0	23.74	23.79	23.88	24
10	QPSK	25	12	23.85	23.74	23.87	
10	QPSK	25	25	23.75	23.85	23.90	
10	QPSK	50	0	23.80	23.82	23.87	
10	16QAM	1	0	23.94	23.96	23.96	24
10	16QAM	1	25	23.90	23.96	23.90	
10	16QAM	1	49	23.92	23.88	23.98	
10	16QAM	25	0	22.76	22.77	22.92	23
10	16QAM	25	12	22.84	22.77	22.84	
10	16QAM	25	25	22.80	22.80	22.81	
10	16QAM	50	0	22.85	22.77	22.87	
10	64QAM	1	0	22.79	22.81	22.90	23
10	64QAM	1	25	22.71	22.80	22.79	
10	64QAM	1	49	22.71	22.84	22.67	
10	64QAM	25	0	21.77	21.87	21.83	22
10	64QAM	25	12	21.88	21.84	21.85	
10	64QAM	25	25	21.74	21.80	21.81	
10	64QAM	50	0	21.88	21.80	21.76	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	24.63	24.60	24.62	25
5	QPSK	1	12	24.59	24.63	24.71	
5	QPSK	1	24	24.59	24.53	24.59	
5	QPSK	12	0	23.75	23.80	23.88	24
5	QPSK	12	7	23.86	23.80	23.87	
5	QPSK	12	13	23.72	23.86	23.86	
5	QPSK	25	0	23.82	23.82	23.86	
5	16QAM	1	0	23.93	23.94	23.95	24
5	16QAM	1	12	23.84	23.93	23.91	
5	16QAM	1	24	23.91	23.91	23.97	
5	16QAM	12	0	22.79	22.86	22.94	23
5	16QAM	12	7	22.80	22.81	22.82	
5	16QAM	12	13	22.77	22.89	22.81	
5	16QAM	25	0	22.86	22.81	22.87	
5	64QAM	1	0	22.79	22.73	22.89	23
5	64QAM	1	12	22.73	22.80	22.78	
5	64QAM	1	24	22.76	22.79	22.70	
5	64QAM	12	0	21.84	21.86	21.85	22
5	64QAM	12	7	21.82	21.89	21.93	
5	64QAM	12	13	21.83	21.81	21.84	
5	64QAM	25	0	21.84	21.78	21.78	

Band 48

Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.89	24.38	24.55	20.93	25
20	QPSK	1	49	20.78	24.21	24.18	20.75	
20	QPSK	1	99	20.77	24.20	24.13	20.67	
20	QPSK	50	0	19.97	23.52	23.58	19.96	24
20	QPSK	50	24	19.92	23.53	23.50	19.90	
20	QPSK	50	50	19.88	23.47	23.44	19.80	
20	QPSK	100	0	19.93	23.52	23.51	19.87	
20	16QAM	1	0	19.91	23.68	23.68	19.92	24
20	16QAM	1	49	19.84	23.46	23.46	19.80	
20	16QAM	1	99	19.89	23.47	23.46	19.76	
20	16QAM	50	0	19.00	22.54	22.62	19.00	23
20	16QAM	50	24	18.97	22.57	22.56	18.94	
20	16QAM	50	50	18.89	22.51	22.48	18.82	
20	16QAM	100	0	18.95	22.58	22.53	18.90	
20	64QAM	1	0	18.74	22.36	22.11	18.87	23
20	64QAM	1	49	18.60	22.23	22.09	18.61	
20	64QAM	1	99	18.67	22.27	22.01	18.55	
20	64QAM	50	0	17.99	21.56	21.43	17.99	22
20	64QAM	50	24	17.96	21.59	21.46	17.94	
20	64QAM	50	50	17.90	21.52	21.35	17.82	
20	64QAM	100	0	17.95	21.57	21.36	17.91	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.82	24.38	24.36	20.87	25
15	QPSK	1	37	20.76	24.16	24.10	20.75	
15	QPSK	1	74	20.75	24.20	24.08	20.65	
15	QPSK	36	0	19.91	23.50	23.48	19.87	24
15	QPSK	36	20	19.87	23.45	23.43	19.86	
15	QPSK	36	39	19.78	23.42	23.40	19.71	
15	QPSK	75	0	19.87	23.43	23.41	19.80	
15	16QAM	1	0	19.96	23.61	23.60	19.96	24
15	16QAM	1	37	19.76	23.44	23.42	19.70	
15	16QAM	1	74	19.80	23.44	23.45	19.71	
15	16QAM	36	0	18.98	22.47	22.60	18.99	23
15	16QAM	36	20	18.96	22.56	22.46	18.89	
15	16QAM	36	39	18.81	22.49	22.39	18.72	
15	16QAM	75	0	18.88	22.51	22.48	18.84	
15	64QAM	1	0	18.73	22.26	22.07	18.82	23
15	64QAM	1	37	18.55	22.19	22.00	18.57	
15	64QAM	1	74	18.57	22.19	21.93	18.47	
15	64QAM	36	0	17.92	21.53	21.41	17.89	22
15	64QAM	36	20	17.88	21.52	21.37	17.90	
15	64QAM	36	39	17.83	21.48	21.30	17.72	
15	64QAM	75	0	17.95	21.48	21.33	17.83	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.81	24.30	24.32	20.92	25
10	QPSK	1	25	20.76	24.18	24.14	20.70	
10	QPSK	1	49	20.72	24.16	24.12	20.66	
10	QPSK	25	0	19.90	23.51	23.58	19.89	24
10	QPSK	25	12	19.90	23.46	23.48	19.88	
10	QPSK	25	25	19.87	23.45	23.38	19.72	
10	QPSK	50	0	19.91	23.42	23.51	19.84	
10	16QAM	1	0	19.94	23.59	23.66	19.96	24
10	16QAM	1	25	19.83	23.44	23.40	19.72	
10	16QAM	1	49	19.89	23.46	23.45	19.74	
10	16QAM	25	0	18.94	22.53	22.59	19.00	23
10	16QAM	25	12	18.87	22.57	22.54	18.88	
10	16QAM	25	25	18.84	22.51	22.40	18.80	
10	16QAM	50	0	18.92	22.55	22.50	18.82	
10	64QAM	1	0	18.67	22.31	22.05	18.82	23
10	64QAM	1	25	18.60	22.22	22.08	18.60	
10	64QAM	1	49	18.61	22.26	21.99	18.47	
10	64QAM	25	0	17.95	21.50	21.33	17.89	22
10	64QAM	25	12	17.92	21.54	21.43	17.84	
10	64QAM	25	25	17.89	21.42	21.25	17.77	
10	64QAM	50	0	17.87	21.56	21.36	17.81	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.81	24.33	24.39	20.92	25
5	QPSK	1	12	20.72	24.19	24.13	20.67	
5	QPSK	1	24	20.76	24.20	24.10	20.61	
5	QPSK	12	0	19.94	23.52	23.54	19.92	24
5	QPSK	12	7	19.87	23.48	23.40	19.84	
5	QPSK	12	13	19.83	23.41	23.43	19.71	
5	QPSK	25	0	19.88	23.50	23.43	19.77	
5	16QAM	1	0	19.99	23.66	23.67	19.91	24
5	16QAM	1	12	19.80	23.36	23.40	19.80	
5	16QAM	1	24	19.84	23.43	23.39	19.75	
5	16QAM	12	0	18.90	22.54	22.62	18.93	23
5	16QAM	12	7	18.97	22.54	22.55	18.89	
5	16QAM	12	13	18.83	22.41	22.48	18.75	
5	16QAM	25	0	18.92	22.54	22.48	18.87	
5	64QAM	1	0	18.73	22.28	22.03	18.77	23
5	64QAM	1	12	18.60	22.15	22.01	18.52	
5	64QAM	1	24	18.57	22.19	21.95	18.47	
5	64QAM	12	0	18.01	21.49	21.39	17.92	22
5	64QAM	12	7	17.95	21.50	21.46	17.94	
5	64QAM	12	13	17.83	21.42	21.30	17.75	
5	64QAM	25	0	17.89	21.53	21.33	17.91	

Band 38

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.93	24.94	24.98	25
20	QPSK	1	49	24.99	24.91	24.93	
20	QPSK	1	99	24.94	24.97	24.96	
20	QPSK	50	0	23.94	23.99	23.99	24
20	QPSK	50	24	23.99	23.92	23.92	
20	QPSK	50	50	23.88	23.84	23.82	
20	QPSK	100	0	23.89	23.88	23.82	
20	16QAM	1	0	23.83	23.86	23.86	24
20	16QAM	1	49	23.86	23.87	23.80	
20	16QAM	1	99	23.82	23.83	23.83	
20	16QAM	50	0	22.86	22.81	22.81	23
20	16QAM	50	24	22.89	22.86	22.83	
20	16QAM	50	50	22.80	22.86	22.80	
20	16QAM	100	0	22.88	22.83	22.82	
20	64QAM	1	0	22.80	22.81	22.81	23
20	64QAM	1	49	22.79	22.81	22.83	
20	64QAM	1	99	22.85	22.80	22.79	
20	64QAM	50	0	21.89	21.80	21.91	22
20	64QAM	50	24	21.90	21.76	21.84	
20	64QAM	50	50	21.81	21.88	21.85	
20	64QAM	100	0	21.89	21.84	21.82	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.91	24.94	24.97	25
15	QPSK	1	37	24.90	24.82	24.91	
15	QPSK	1	74	24.91	24.87	24.96	
15	QPSK	36	0	23.84	23.97	23.92	24
15	QPSK	36	20	23.96	23.87	23.83	
15	QPSK	36	39	23.79	23.80	23.72	
15	QPSK	75	0	23.81	23.87	23.78	
15	16QAM	1	0	23.74	23.83	23.81	24
15	16QAM	1	37	23.86	23.81	23.71	
15	16QAM	1	74	23.72	23.73	23.77	
15	16QAM	36	0	22.85	22.77	22.80	23
15	16QAM	36	20	22.81	22.86	22.79	
15	16QAM	36	39	22.75	22.85	22.76	
15	16QAM	75	0	22.88	22.74	22.79	
15	64QAM	1	0	22.71	22.80	22.73	23
15	64QAM	1	37	22.71	22.79	22.79	
15	64QAM	1	74	22.85	22.70	22.75	
15	64QAM	36	0	21.80	21.78	21.89	22
15	64QAM	36	20	21.87	21.70	21.80	
15	64QAM	36	39	21.77	21.82	21.83	
15	64QAM	75	0	21.89	21.84	21.79	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.92	24.89	24.91	25
10	QPSK	1	25	24.90	24.90	24.83	
10	QPSK	1	49	24.91	24.97	24.87	
10	QPSK	25	0	23.90	23.97	23.99	24
10	QPSK	25	12	23.95	23.89	23.89	
10	QPSK	25	25	23.84	23.77	23.72	
10	QPSK	50	0	23.82	23.82	23.74	
10	16QAM	1	0	23.74	23.76	23.84	24
10	16QAM	1	25	23.77	23.84	23.70	
10	16QAM	1	49	23.75	23.78	23.82	
10	16QAM	25	0	22.84	22.71	22.80	23
10	16QAM	25	12	22.87	22.81	22.82	
10	16QAM	25	25	22.70	22.77	22.75	
10	16QAM	50	0	22.86	22.75	22.74	
10	64QAM	1	0	22.80	22.74	22.74	23
10	64QAM	1	25	22.72	22.71	22.75	
10	64QAM	1	49	22.77	22.75	22.73	
10	64QAM	25	0	21.81	21.75	21.89	22
10	64QAM	25	12	21.83	21.73	21.77	
10	64QAM	25	25	21.79	21.79	21.83	
10	64QAM	50	0	21.80	21.79	21.75	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.86	24.92	24.94	25
5	QPSK	1	12	24.96	24.90	24.92	
5	QPSK	1	24	24.94	24.94	24.95	
5	QPSK	12	0	23.86	23.97	23.93	24
5	QPSK	12	7	23.91	23.82	23.83	
5	QPSK	12	13	23.88	23.82	23.81	
5	QPSK	25	0	23.79	23.82	23.72	
5	16QAM	1	0	23.74	23.76	23.86	24
5	16QAM	1	12	23.79	23.83	23.76	
5	16QAM	1	24	23.72	23.80	23.79	
5	16QAM	12	0	22.82	22.73	22.79	23
5	16QAM	12	7	22.86	22.82	22.73	
5	16QAM	12	13	22.77	22.83	22.79	
5	16QAM	25	0	22.84	22.78	22.79	
5	64QAM	1	0	22.77	22.77	22.79	23
5	64QAM	1	12	22.74	22.71	22.76	
5	64QAM	1	24	22.82	22.70	22.73	
5	64QAM	12	0	21.88	21.71	21.87	22
5	64QAM	12	7	21.88	21.71	21.84	
5	64QAM	12	13	21.80	21.83	21.80	
5	64QAM	25	0	21.84	21.77	21.72	

Band 38_HPUE

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.87	26.91	26.95	27.5
20	QPSK	1	49	26.62	26.98	26.99	
20	QPSK	1	99	26.60	27.01	27.00	
20	QPSK	50	0	25.73	25.88	26.11	26.5
20	QPSK	50	24	25.81	25.94	26.26	
20	QPSK	50	50	25.74	25.89	26.00	
20	QPSK	100	0	25.84	25.91	26.07	
20	16QAM	1	0	26.20	26.33	26.32	26.5
20	16QAM	1	49	25.96	26.26	26.32	
20	16QAM	1	99	25.96	26.37	26.34	
20	16QAM	50	0	24.94	25.08	25.29	25.5
20	16QAM	50	24	24.97	25.22	25.32	
20	16QAM	50	50	25.07	25.23	25.34	
20	16QAM	100	0	24.92	25.04	25.16	
20	64QAM	1	0	24.31	24.38	24.44	25.5
20	64QAM	1	49	24.04	24.31	24.74	
20	64QAM	1	99	24.04	24.55	24.68	
20	64QAM	50	0	23.16	23.14	23.43	24.5
20	64QAM	50	24	23.14	23.29	23.50	
20	64QAM	50	50	23.13	23.34	23.43	
20	64QAM	100	0	23.10	23.14	23.24	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.82	26.82	26.94	27.5
15	QPSK	1	37	26.58	26.91	26.95	
15	QPSK	1	74	26.58	26.99	26.98	
15	QPSK	36	0	25.63	25.85	26.01	26.5
15	QPSK	36	20	25.81	25.86	26.19	
15	QPSK	36	39	25.65	25.83	25.94	
15	QPSK	75	0	25.82	25.82	26.01	
15	16QAM	1	0	26.11	26.23	26.28	26.5
15	16QAM	1	37	25.93	26.20	26.22	
15	16QAM	1	74	25.90	26.27	26.33	
15	16QAM	36	0	24.90	25.06	25.27	25.5
15	16QAM	36	20	24.90	25.13	25.27	
15	16QAM	36	39	24.97	25.15	25.29	
15	16QAM	75	0	24.85	24.96	25.13	
15	64QAM	1	0	24.30	24.33	24.38	25.5
15	64QAM	1	37	23.99	24.25	24.74	
15	64QAM	1	74	24.04	24.55	24.66	
15	64QAM	36	0	23.12	23.11	23.43	24.5
15	64QAM	36	20	23.05	23.21	23.44	
15	64QAM	36	39	23.08	23.29	23.38	
15	64QAM	75	0	23.05	23.12	23.16	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.80	26.89	26.94	27.5
10	QPSK	1	25	26.58	26.90	26.93	
10	QPSK	1	49	26.52	27.00	26.98	
10	QPSK	25	0	25.68	25.80	26.06	26.5
10	QPSK	25	12	25.78	25.85	26.19	
10	QPSK	25	25	25.73	25.89	25.91	
10	QPSK	50	0	25.74	25.87	25.99	
10	16QAM	1	0	26.13	26.30	26.25	26.5
10	16QAM	1	25	25.86	26.19	26.23	
10	16QAM	1	49	25.90	26.32	26.31	
10	16QAM	25	0	24.90	25.07	25.22	25.5
10	16QAM	25	12	24.92	25.17	25.22	
10	16QAM	25	25	25.04	25.14	25.34	
10	16QAM	50	0	24.91	24.96	25.15	
10	64QAM	1	0	24.24	24.37	24.36	25.5
10	64QAM	1	25	23.97	24.24	24.64	
10	64QAM	1	49	24.04	24.53	24.65	
10	64QAM	25	0	23.07	23.12	23.33	24.5
10	64QAM	25	12	23.05	23.19	23.43	
10	64QAM	25	25	23.12	23.31	23.35	
10	64QAM	50	0	23.10	23.10	23.24	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.80	26.90	26.94	27.5
5	QPSK	1	12	26.59	26.97	26.91	
5	QPSK	1	24	26.53	26.96	26.91	
5	QPSK	12	0	25.64	25.85	26.04	26.5
5	QPSK	12	7	25.77	25.90	26.20	
5	QPSK	12	13	25.71	25.88	26.00	
5	QPSK	25	0	25.78	25.83	26.04	
5	16QAM	1	0	26.17	26.32	26.31	26.5
5	16QAM	1	12	25.96	26.21	26.27	
5	16QAM	1	24	25.93	26.32	26.28	
5	16QAM	12	0	24.84	25.07	25.19	25.5
5	16QAM	12	7	24.92	25.22	25.31	
5	16QAM	12	13	24.99	25.13	25.34	
5	16QAM	25	0	24.82	24.99	25.12	
5	64QAM	1	0	24.28	24.33	24.43	25.5
5	64QAM	1	12	23.96	24.26	24.67	
5	64QAM	1	24	23.95	24.49	24.64	
5	64QAM	12	0	23.06	23.09	23.41	24.5
5	64QAM	12	7	23.10	23.22	23.41	
5	64QAM	12	13	23.11	23.29	23.42	
5	64QAM	25	0	23.03	23.05	23.20	

Band 41

Ant 0

BW [MHz]	Modulation	RB Size	BW [MHz]	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39650	40135	40620	41105	41590	
Frequency (MHz)				2496	2544.5	2593	2641.5	2690	
20	QPSK	1	0	24.63	24.82	24.91	24.89	24.45	25
20	QPSK	1	49	24.67	24.87	24.94	24.95	24.81	
20	QPSK	1	99	24.73	24.95	24.96	24.75	24.68	
20	QPSK	50	0	23.81	23.99	23.90	23.98	23.79	24
20	QPSK	50	24	23.83	23.93	23.93	23.94	23.92	
20	QPSK	50	50	23.84	23.90	23.94	23.94	23.81	
20	QPSK	100	0	23.84	23.95	23.91	23.97	23.85	
20	16QAM	1	0	23.73	23.94	23.99	24.00	23.55	24
20	16QAM	1	49	23.73	23.98	23.91	23.99	23.88	
20	16QAM	1	99	23.84	23.93	23.92	23.86	23.75	
20	16QAM	50	0	22.81	22.83	22.82	22.80	22.81	23
20	16QAM	50	24	22.87	22.86	22.83	22.87	22.96	
20	16QAM	50	50	22.88	22.88	22.87	22.89	22.85	
20	16QAM	100	0	22.84	22.85	22.84	22.89	22.87	
20	64QAM	1	0	22.50	22.67	22.79	22.77	22.25	23
20	64QAM	1	49	22.44	22.70	22.71	22.88	22.62	
20	64QAM	1	99	22.56	22.77	22.73	22.54	22.41	
20	64QAM	50	0	21.81	21.94	21.85	21.81	21.81	22
20	64QAM	50	24	21.88	21.91	21.86	21.80	21.98	
20	64QAM	50	50	21.86	21.91	21.86	21.89	21.87	
20	64QAM	100	0	21.87	21.98	21.84	21.81	21.86	
Channel				39650	40135.5	40620	41105.5	41590	Tune-up limit (dBm)
Frequency (MHz)				2496	2544.55	2593	2641.55	2690	
15	QPSK	1	0	24.59	24.78	24.84	24.84	24.40	25
15	QPSK	1	37	24.57	24.78	24.88	24.85	24.75	
15	QPSK	1	74	24.72	24.95	24.94	24.71	24.65	
15	QPSK	36	0	23.81	23.91	23.83	23.98	23.75	24
15	QPSK	36	20	23.76	23.89	23.85	23.91	23.85	
15	QPSK	36	39	23.79	23.80	23.84	23.87	23.71	
15	QPSK	75	0	23.81	23.88	23.88	23.94	23.82	
15	16QAM	1	0	23.71	23.84	23.90	23.94	23.47	24
15	16QAM	1	37	23.71	23.97	23.86	23.99	23.83	
15	16QAM	1	74	23.82	23.89	23.89	23.83	23.65	
15	16QAM	36	0	22.74	22.81	22.77	22.70	22.80	23
15	16QAM	36	20	22.84	22.84	22.78	22.86	22.87	
15	16QAM	36	39	22.79	22.85	22.77	22.82	22.84	
15	16QAM	75	0	22.75	22.83	22.82	22.85	22.82	
15	64QAM	1	0	22.40	22.59	22.78	22.77	22.16	23
15	64QAM	1	37	22.42	22.61	22.63	22.82	22.53	
15	64QAM	1	74	22.49	22.77	22.69	22.51	22.39	
15	64QAM	36	0	21.77	21.91	21.76	21.78	21.80	22
15	64QAM	36	20	21.85	21.85	21.82	21.73	21.95	
15	64QAM	36	39	21.80	21.91	21.81	21.84	21.80	
15	64QAM	75	0	21.81	21.88	21.75	21.78	21.84	
Channel				39650	40135	40620	41105	41590	Tune-up limit (dBm)
Frequency (MHz)				2496	2544.5	2593	2641.5	2690	
10	QPSK	1	0	24.59	24.72	24.82	24.82	24.45	25
10	QPSK	1	25	24.60	24.81	24.85	24.93	24.80	
10	QPSK	1	49	24.67	24.90	24.92	24.68	24.58	
10	QPSK	25	0	23.74	23.97	23.84	23.89	23.75	24
10	QPSK	25	12	23.81	23.87	23.85	23.88	23.83	
10	QPSK	25	25	23.80	23.88	23.89	23.85	23.78	
10	QPSK	50	0	23.76	23.95	23.81	23.96	23.77	
10	16QAM	1	0	23.71	23.87	23.96	23.97	23.51	24
10	16QAM	1	25	23.64	23.93	23.82	23.95	23.86	
10	16QAM	1	49	23.81	23.91	23.86	23.84	23.75	
10	16QAM	25	0	22.76	22.75	22.75	22.76	22.80	23
10	16QAM	25	12	22.79	22.81	22.82	22.79	22.93	
10	16QAM	25	25	22.85	22.87	22.85	22.81	22.82	
10	16QAM	50	0	22.77	22.81	22.77	22.80	22.82	
10	64QAM	1	0	22.44	22.63	22.76	22.76	22.21	23
10	64QAM	1	25	22.40	22.68	22.64	22.86	22.54	
10	64QAM	1	49	22.51	22.70	22.63	22.50	22.31	
10	64QAM	25	0	21.75	21.87	21.78	21.77	21.79	22
10	64QAM	25	12	21.82	21.90	21.79	21.78	21.98	
10	64QAM	25	25	21.80	21.83	21.80	21.81	21.86	
10	64QAM	50	0	21.79	21.98	21.83	21.79	21.78	
Channel				39650	40135.5	40620	41105.5	41590	Tune-up limit (dBm)
Frequency (MHz)				2496	2544.55	2593	2641.55	2690	
5	QPSK	1	0	24.61	24.80	24.90	24.84	24.38	25
5	QPSK	1	12	24.60	24.85	24.87	24.89	24.79	
5	QPSK	1	24	24.71	24.94	24.96	24.71	24.65	
5	QPSK	12	0	23.77	23.92	23.85	23.97	23.74	24
5	QPSK	12	7	23.80	23.93	23.90	23.87	23.82	
5	QPSK	12	13	23.81	23.84	23.93	23.87	23.71	
5	QPSK	25	0	23.82	23.91	23.81	23.90	23.79	
5	16QAM	1	0	23.73	23.92	23.93	23.95	23.47	24
5	16QAM	1	12	23.73	23.96	23.85	23.97	23.84	
5	16QAM	1	24	23.82	23.91	23.86	23.82	23.71	
5	16QAM	12	0	22.71	22.78	22.75	22.72	22.73	23
5	16QAM	12	7	22.87	22.78	22.81	22.83	22.94	
5	16QAM	12	13	22.88	22.83	22.79	22.79	22.84	
5	16QAM	25	0	22.78	22.81	22.74	22.85	22.85	
5	64QAM	1	0	22.41	22.67	22.75	22.73	22.17	23
5	64QAM	1	12	22.41	22.65	22.69	22.85	22.54	
5	64QAM	1	24	22.48	22.76	22.72	22.45	22.40	
5	64QAM	12	0	21.75	21.89	21.81	21.75	21.80	22
5	64QAM	12	7	21.88	21.87	21.77	21.74	21.98	
5	64QAM	12	13	21.76	21.88	21.77	21.84	21.84	
5	64QAM	25	0	21.87	21.96	21.80	21.77	21.79	

Band 41_HPUE

Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.92	26.05	26.68	26.59	26.20	27.5
20	QPSK	1	49	26.31	25.86	26.67	26.86	26.46	
20	QPSK	1	99	26.48	25.87	26.66	26.44	26.13	
20	QPSK	50	0	25.18	25.01	25.91	25.99	25.62	26.5
20	QPSK	50	24	25.39	24.93	25.93	26.08	25.77	
20	QPSK	50	50	25.69	24.79	25.95	25.88	25.47	
20	QPSK	100	0	24.56	24.86	25.95	25.88	25.63	
20	16QAM	1	0	25.24	25.30	26.07	25.97	25.51	26.5
20	16QAM	1	49	25.68	25.14	26.00	26.25	25.81	
20	16QAM	1	99	25.80	25.03	26.06	25.77	25.50	
20	16QAM	50	0	24.35	24.12	24.93	25.01	24.65	25.5
20	16QAM	50	24	24.68	24.08	24.96	25.11	24.79	
20	16QAM	50	50	24.74	23.98	24.98	24.89	24.66	
20	16QAM	100	0	24.22	23.92	24.95	24.91	24.70	
20	64QAM	1	0	23.58	23.66	24.29	24.83	24.10	25.5
20	64QAM	1	49	23.58	23.60	24.45	25.12	23.82	
20	64QAM	1	99	24.03	23.66	24.09	24.62	23.50	
20	64QAM	50	0	22.56	22.52	23.29	24.04	23.14	24.5
20	64QAM	50	24	22.67	22.54	23.35	24.12	23.03	
20	64QAM	50	50	22.90	22.59	23.42	23.90	22.78	
20	64QAM	100	0	22.55	22.54	23.35	23.92	22.93	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.88	25.95	26.64	26.49	26.14	27.5
15	QPSK	1	37	26.21	25.80	26.62	26.79	26.44	
15	QPSK	1	74	26.44	25.77	26.65	26.42	26.07	
15	QPSK	36	0	25.18	24.91	25.82	25.90	25.60	26.5
15	QPSK	36	20	25.35	24.83	25.88	26.03	25.67	
15	QPSK	36	39	25.66	24.72	25.87	25.78	25.37	
15	QPSK	75	0	24.51	24.80	25.86	25.86	25.55	
15	16QAM	1	0	25.24	25.21	26.05	25.97	25.50	26.5
15	16QAM	1	37	25.66	25.08	25.99	26.15	25.81	
15	16QAM	1	74	25.73	24.96	26.05	25.76	25.50	
15	16QAM	36	0	24.29	24.06	24.84	24.97	24.56	25.5
15	16QAM	36	20	24.62	24.08	24.86	25.04	24.73	
15	16QAM	36	39	24.70	23.89	24.93	24.89	24.64	
15	16QAM	75	0	24.17	23.82	24.87	24.82	24.61	
15	64QAM	1	0	23.55	23.56	24.25	24.79	24.07	25.5
15	64QAM	1	37	23.58	23.60	24.41	25.03	23.75	
15	64QAM	1	74	24.00	23.61	24.08	24.55	23.49	
15	64QAM	36	0	22.56	22.48	23.23	23.99	23.10	24.5
15	64QAM	36	20	22.65	22.47	23.34	24.11	23.02	
15	64QAM	36	39	22.84	22.59	23.32	23.88	22.78	
15	64QAM	75	0	22.53	22.51	23.26	23.85	22.90	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	26.03	26.58	26.55	26.10	27.5
10	QPSK	1	25	26.21	25.77	26.66	26.80	26.39	
10	QPSK	1	49	26.46	25.83	26.64	26.34	26.09	
10	QPSK	25	0	25.14	24.99	25.81	25.95	25.62	26.5
10	QPSK	25	12	25.33	24.85	25.85	26.05	25.75	
10	QPSK	25	25	25.59	24.78	25.94	25.80	25.45	
10	QPSK	50	0	24.56	24.77	25.86	25.82	25.54	
10	16QAM	1	0	25.15	25.22	25.99	25.94	25.44	26.5
10	16QAM	1	25	25.68	25.08	25.99	26.20	25.81	
10	16QAM	1	49	25.75	25.00	25.99	25.75	25.48	
10	16QAM	25	0	24.26	24.04	24.83	24.92	24.61	25.5
10	16QAM	25	12	24.68	24.00	24.91	25.10	24.74	
10	16QAM	25	25	24.72	23.97	24.98	24.81	24.61	
10	16QAM	50	0	24.21	23.82	24.95	24.82	24.61	
10	64QAM	1	0	23.54	23.61	24.26	24.75	24.02	25.5
10	64QAM	1	25	23.50	23.56	24.35	25.10	23.76	
10	64QAM	1	49	24.03	23.56	24.05	24.62	23.41	
10	64QAM	25	0	22.50	22.50	23.28	24.01	23.13	24.5
10	64QAM	25	12	22.63	22.49	23.29	24.10	22.99	
10	64QAM	25	25	22.87	22.49	23.34	23.87	22.71	
10	64QAM	50	0	22.46	22.53	23.27	23.89	22.84	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.82	25.95	26.66	26.59	26.19	27.5
5	QPSK	1	12	26.27	25.76	26.61	26.83	26.45	
5	QPSK	1	24	26.38	25.79	26.60	26.41	26.04	
5	QPSK	12	0	25.17	25.00	25.91	25.97	25.60	26.5
5	QPSK	12	7	25.33	24.91	25.87	26.06	25.72	
5	QPSK	12	13	25.65	24.78	25.95	25.83	25.41	
5	QPSK	25	0	24.54	24.77	25.94	25.87	25.59	
5	16QAM	1	0	25.19	25.24	26.05	25.89	25.45	26.5
5	16QAM	1	12	25.58	25.06	25.92	26.15	25.75	
5	16QAM	1	24	25.72	24.96	25.99	25.71	25.49	
5	16QAM	12	0	24.28	24.10	24.92	24.99	24.58	25.5
5	16QAM	12	7	24.64	24.06	24.87	25.06	24.75	
5	16QAM	12	13	24.64	23.96	24.94	24.79	24.62	
5	16QAM	25	0	24.16	23.90	24.91	24.88	24.68	
5	64QAM	1	0	23.48	23.60	24.24	24.80	24.04	25.5
5	64QAM	1	12	23.54	23.56	24.37	25.11	23.77	
5	64QAM	1	24	24.00	23.56	24.09	24.61	23.46	
5	64QAM	12	0	22.49	22.43	23.21	23.99	23.08	24.5
5	64QAM	12	7	22.66	22.44	23.33	24.04	22.99	
5	64QAM	12	13	22.80	22.53	23.37	23.83	22.72	
5	64QAM	25	0	22.52	22.54	23.29	23.92	22.93	

Band 42 (3.5GHz Band)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3560	3575	3590	
20	QPSK	1	0	22.94	23.03	23.03	23.5
20	QPSK	1	49	22.98	23.01	23.06	
20	QPSK	1	99	22.89	22.94	22.97	
20	QPSK	50	0	22.03	22.08	22.12	22.5
20	QPSK	50	24	22.08	22.04	22.08	
20	QPSK	50	50	22.03	22.06	22.08	
20	QPSK	100	0	22.07	22.02	22.07	
20	16QAM	1	0	22.09	22.11	22.17	22.5
20	16QAM	1	49	22.04	22.08	22.12	
20	16QAM	1	99	22.00	22.04	22.07	
20	16QAM	50	0	21.04	21.09	21.14	21.5
20	16QAM	50	24	21.10	21.07	21.10	
20	16QAM	50	50	21.04	21.09	21.10	
20	16QAM	100	0	21.07	21.03	21.09	
20	64QAM	1	0	20.70	20.81	20.75	21.5
20	64QAM	1	49	20.75	20.84	20.66	
20	64QAM	1	99	20.79	20.79	20.56	
20	64QAM	50	0	20.06	20.11	20.02	20.5
20	64QAM	50	24	20.11	20.08	20.06	
20	64QAM	50	50	20.05	20.08	19.95	
20	64QAM	100	0	20.09	20.03	19.94	
Channel				43165	43340	43515	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3575	3592.5	
15	QPSK	1	0	22.85	22.94	22.94	23.5
15	QPSK	1	37	22.96	22.95	22.96	
15	QPSK	1	74	22.89	22.86	22.87	
15	QPSK	36	0	21.99	21.99	22.10	22.5
15	QPSK	36	20	21.98	21.97	22.04	
15	QPSK	36	39	22.00	22.04	22.05	
15	QPSK	75	0	22.01	22.00	21.98	
15	16QAM	1	0	22.04	22.09	22.13	22.5
15	16QAM	1	37	21.95	22.05	22.11	
15	16QAM	1	74	21.94	21.99	22.01	
15	16QAM	36	0	20.99	21.07	21.12	21.5
15	16QAM	36	20	21.08	20.97	21.06	
15	16QAM	36	39	20.97	21.01	21.07	
15	16QAM	75	0	21.02	21.00	21.01	
15	64QAM	1	0	20.61	20.78	20.73	21.5
15	64QAM	1	37	20.65	20.76	20.63	
15	64QAM	1	74	20.79	20.75	20.48	
15	64QAM	36	0	20.03	20.03	19.92	20.5
15	64QAM	36	20	20.05	20.08	20.03	
15	64QAM	36	39	20.00	20.00	19.86	
15	64QAM	75	0	20.05	20.01	19.92	
Channel				43140	43340	43540	Tune-up limit (dBm)
Frequency (MHz)				3555	3575	3595	
10	QPSK	1	0	22.92	22.95	22.96	23.5
10	QPSK	1	25	22.93	22.93	23.05	
10	QPSK	1	49	22.80	22.87	22.94	
10	QPSK	25	0	21.96	22.02	22.09	22.5
10	QPSK	25	12	22.08	21.96	22.05	
10	QPSK	25	25	21.99	21.96	22.05	
10	QPSK	50	0	21.98	21.95	22.02	
10	16QAM	1	0	22.01	22.02	22.10	22.5
10	16QAM	1	25	21.99	22.06	22.10	
10	16QAM	1	49	21.96	21.98	21.98	
10	16QAM	25	0	20.94	21.07	21.07	21.5
10	16QAM	25	12	21.03	20.99	21.05	
10	16QAM	25	25	20.97	21.02	21.06	
10	16QAM	50	0	21.05	20.94	20.99	
10	64QAM	1	0	20.70	20.79	20.67	21.5
10	64QAM	1	25	20.73	20.76	20.58	
10	64QAM	1	49	20.79	20.69	20.52	
10	64QAM	25	0	19.99	20.06	20.00	20.5
10	64QAM	25	12	20.10	20.05	20.05	
10	64QAM	25	25	19.98	20.02	19.89	
10	64QAM	50	0	20.09	19.94	19.89	
Channel				43115	43340	43565	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3575	3597.5	
5	QPSK	1	0	22.92	23.01	22.97	23.5
5	QPSK	1	12	22.90	23.00	22.96	
5	QPSK	1	24	22.83	22.92	22.96	
5	QPSK	12	0	22.00	21.99	22.04	22.5
5	QPSK	12	7	22.05	22.00	22.01	
5	QPSK	12	13	21.99	21.96	22.02	
5	QPSK	25	0	22.03	21.93	22.02	
5	16QAM	1	0	22.05	22.02	22.15	22.5
5	16QAM	1	12	21.98	22.03	22.06	
5	16QAM	1	24	21.90	21.95	22.06	
5	16QAM	12	0	21.04	21.02	21.09	21.5
5	16QAM	12	7	21.08	21.00	21.04	
5	16QAM	12	13	20.98	21.05	21.10	
5	16QAM	25	0	20.98	20.96	21.03	
5	64QAM	1	0	20.61	20.80	20.72	21.5
5	64QAM	1	12	20.71	20.75	20.66	
5	64QAM	1	24	20.75	20.72	20.52	
5	64QAM	12	0	19.96	20.02	19.99	20.5
5	64QAM	12	7	20.05	20.00	19.98	
5	64QAM	12	13	20.00	19.98	19.90	
5	64QAM	25	0	20.02	19.94	19.93	

Band 48 (3.5G Band)

Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.65	23.27	23.37	19.53	23.5
20	QPSK	1	49	19.47	23.06	23.02	19.31	
20	QPSK	1	99	19.50	23.04	22.96	19.22	
20	QPSK	50	0	18.70	22.22	22.33	18.51	22.5
20	QPSK	50	24	18.68	22.25	22.18	18.45	
20	QPSK	50	50	18.61	22.18	22.09	18.34	
20	QPSK	100	0	18.65	22.24	22.17	18.44	
20	16QAM	1	0	18.74	22.39	22.38	18.67	22.5
20	16QAM	1	49	18.57	22.18	22.11	18.39	
20	16QAM	1	99	18.63	22.16	22.05	18.30	
20	16QAM	50	0	17.74	21.24	21.26	17.57	21.5
20	16QAM	50	24	17.72	21.27	21.20	17.46	
20	16QAM	50	50	17.65	21.20	21.12	17.40	
20	16QAM	100	0	17.68	21.24	21.20	17.48	
20	64QAM	1	0	17.45	21.06	20.77	17.44	21.5
20	64QAM	1	49	17.36	20.91	20.75	17.13	
20	64QAM	1	99	17.39	20.93	20.67	17.09	
20	64QAM	50	0	16.74	20.25	20.09	16.54	20.5
20	64QAM	50	24	16.70	20.26	20.10	16.48	
20	64QAM	50	50	16.64	20.19	19.99	16.38	
20	64QAM	100	0	16.69	20.27	20.03	16.47	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.62	23.17	23.26	19.50	23.5
15	QPSK	1	37	19.41	23.02	23.02	19.27	
15	QPSK	1	74	19.47	22.94	22.86	19.20	
15	QPSK	36	0	18.68	22.21	22.20	18.48	22.5
15	QPSK	36	20	18.58	22.21	22.16	18.40	
15	QPSK	36	39	18.58	22.14	22.09	18.28	
15	QPSK	75	0	18.55	22.15	22.08	18.43	
15	16QAM	1	0	18.64	22.30	22.36	18.59	22.5
15	16QAM	1	37	18.55	22.17	22.05	18.33	
15	16QAM	1	74	18.56	22.10	21.96	18.20	
15	16QAM	36	0	17.67	21.22	21.26	17.47	21.5
15	16QAM	36	20	17.72	21.18	21.17	17.46	
15	16QAM	36	39	17.57	21.15	21.09	17.39	
15	16QAM	75	0	17.62	21.20	21.11	17.38	
15	64QAM	1	0	17.36	20.98	20.68	17.35	21.5
15	64QAM	1	37	17.26	20.86	20.72	17.10	
15	64QAM	1	74	17.36	20.83	20.66	17.00	
15	64QAM	36	0	16.71	20.20	20.00	16.44	20.5
15	64QAM	36	20	16.68	20.23	20.03	16.38	
15	64QAM	36	39	16.62	20.13	19.91	16.36	
15	64QAM	75	0	16.69	20.25	20.03	16.47	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.64	23.22	23.18	19.43	23.5
10	QPSK	1	25	19.46	23.00	22.97	19.21	
10	QPSK	1	49	19.42	23.01	22.86	19.21	
10	QPSK	25	0	18.60	22.20	22.19	18.48	22.5
10	QPSK	25	12	18.58	22.21	22.11	18.38	
10	QPSK	25	25	18.60	22.18	22.04	18.30	
10	QPSK	50	0	18.55	22.17	22.07	18.38	
10	16QAM	1	0	18.73	22.31	22.33	18.61	22.5
10	16QAM	1	25	18.54	22.17	22.02	18.34	
10	16QAM	1	49	18.62	22.09	21.98	18.28	
10	16QAM	25	0	17.66	21.19	21.24	17.48	21.5
10	16QAM	25	12	17.64	21.24	21.11	17.36	
10	16QAM	25	25	17.60	21.16	21.03	17.35	
10	16QAM	50	0	17.63	21.18	21.14	17.46	
10	64QAM	1	0	17.38	21.02	20.74	17.39	21.5
10	64QAM	1	25	17.27	20.89	20.75	17.08	
10	64QAM	1	49	17.32	20.92	20.62	17.05	
10	64QAM	25	0	16.69	20.20	20.09	16.47	20.5
10	64QAM	25	12	16.70	20.20	20.07	16.41	
10	64QAM	25	25	16.60	20.18	19.95	16.29	
10	64QAM	50	0	16.67	20.19	20.01	16.41	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.56	23.20	23.23	19.52	23.5
5	QPSK	1	12	19.40	22.99	23.01	19.22	
5	QPSK	1	24	19.50	22.96	22.96	19.17	
5	QPSK	12	0	18.62	22.19	22.17	18.48	22.5
5	QPSK	12	7	18.68	22.15	22.13	18.40	
5	QPSK	12	13	18.56	22.10	22.09	18.31	
5	QPSK	25	0	18.62	22.15	22.15	18.37	
5	16QAM	1	0	18.73	22.37	22.31	18.62	22.5
5	16QAM	1	12	18.56	22.16	22.05	18.35	
5	16QAM	1	24	18.63	22.15	21.98	18.23	
5	16QAM	12	0	17.67	21.14	21.16	17.52	21.5
5	16QAM	12	7	17.71	21.26	21.13	17.38	
5	16QAM	12	13	17.60	21.13	21.06	17.35	
5	16QAM	25	0	17.61	21.15	21.10	17.41	
5	64QAM	1	0	17.43	21.01	20.67	17.37	21.5
5	64QAM	1	12	17.31	20.86	20.73	17.08	
5	64QAM	1	24	17.33	20.87	20.64	17.03	
5	64QAM	12	0	16.68	20.17	20.03	16.48	20.5
5	64QAM	12	7	16.65	20.24	20.10	16.45	
5	64QAM	12	13	16.55	20.13	19.89	16.35	
5	64QAM	25	0	16.59	20.19	19.97	16.40	

n2							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.98	24.94	24.94	25.0
20	PI/2 BPSK	1	53	24.87	24.92	24.92	
20	PI/2 BPSK	1	104	24.94	24.88	24.95	
20	PI/2 BPSK	50	0	24.38	24.41	24.36	25.0
20	PI/2 BPSK	50	28	24.88	24.95	24.87	
20	PI/2 BPSK	50	56	24.76	24.79	24.82	
20	PI/2 BPSK	100	0	24.44	24.40	24.40	24.5
20	QPSK	1	1	24.95	24.93	24.93	25.0
20	QPSK	1	53	24.88	24.89	24.93	
20	QPSK	1	104	24.84	24.81	24.87	
20	QPSK	50	0	24.32	24.31	24.26	25.0
20	QPSK	50	28	24.92	24.95	24.97	
20	QPSK	50	56	24.25	24.24	24.29	
20	QPSK	100	0	23.90	23.94	23.94	24.0
20	16QAM	1	1	23.90	23.88	23.93	24.0
20	64QAM	1	1	22.40	22.45	22.37	22.5
20	256QAM	1	1	20.36	20.39	20.38	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.90	24.95	24.88	25.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.81	24.85	24.84	25.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.90	24.93	24.89	25.0

n5							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.72	24.80	24.72	25.0
20	PI/2 BPSK	1	53	24.63	24.60	24.58	
20	PI/2 BPSK	1	104	24.45	24.38	24.43	
20	PI/2 BPSK	50	0	24.55	24.51	24.46	25.0
20	PI/2 BPSK	50	28	24.46	24.33	24.42	
20	PI/2 BPSK	50	56	24.41	24.43	24.45	
20	PI/2 BPSK	100	0	22.56	22.58	22.51	24.5
20	QPSK	1	1	24.74	24.76	24.74	25.0
20	QPSK	1	53	24.66	24.60	24.66	
20	QPSK	1	104	24.51	24.51	24.56	
20	QPSK	50	0	24.34	24.34	24.28	25.0
20	QPSK	50	28	24.52	24.51	24.53	
20	QPSK	50	56	24.35	24.31	24.38	
20	QPSK	100	0	23.90	23.98	23.93	24.0
20	16QAM	1	1	23.64	23.73	23.72	24.0
20	64QAM	1	1	22.45	22.49	22.41	22.5
20	256QAM	1	1	20.44	20.37	20.43	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.55	24.61	24.60	25.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.38	24.34	24.38	25.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.43	24.44	24.36	25.0

n7							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.99	24.98	24.93	25.0
20	PI/2 BPSK	1	53	24.89	24.94	24.85	
20	PI/2 BPSK	1	104	24.93	24.95	24.96	
20	PI/2 BPSK	50	0	24.62	24.55	24.43	25.0
20	PI/2 BPSK	50	28	24.44	24.50	24.36	
20	PI/2 BPSK	50	56	24.29	24.30	24.32	
20	PI/2 BPSK	100	0	24.26	24.11	24.18	24.5
20	QPSK	1	1	24.90	24.95	24.91	25.0
20	QPSK	1	53	24.88	24.82	24.92	
20	QPSK	1	104	24.94	24.86	24.91	
20	QPSK	50	0	23.97	23.91	23.87	25.0
20	QPSK	50	28	24.90	24.87	24.89	
20	QPSK	50	56	23.93	23.85	23.90	
20	QPSK	100	0	23.77	23.77	23.77	24.0
20	16QAM	1	1	23.87	23.96	23.95	24.0
20	64QAM	1	1	22.47	22.41	22.39	22.5
20	256QAM	1	1	20.05	20.02	19.99	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.31	24.36	24.36	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.43	24.36	24.36	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.83	24.91	24.85	25.0

n25							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.95	24.99	24.95	25.0
20	PI/2 BPSK	1	53	24.93	24.94	24.91	
20	PI/2 BPSK	1	104	24.80	24.83	24.83	
20	PI/2 BPSK	50	0	24.75	24.84	24.77	25.0
20	PI/2 BPSK	50	28	24.67	24.79	24.79	
20	PI/2 BPSK	50	56	24.65	24.66	24.66	
20	PI/2 BPSK	100	0	24.44	24.52	24.43	24.5
20	QPSK	1	1	24.97	24.94	24.90	25.0
20	QPSK	1	53	24.91	24.84	24.83	
20	QPSK	1	104	24.88	24.85	24.90	
20	QPSK	50	0	24.18	24.26	24.16	25.0
20	QPSK	50	28	24.80	24.79	24.85	
20	QPSK	50	56	24.22	24.19	24.19	
20	QPSK	100	0	23.82	23.86	23.90	24.0
20	16QAM	1	1	23.95	23.93	23.87	24.0
20	64QAM	1	1	22.40	22.36	22.43	22.5
20	256QAM	1	1	20.39	20.35	20.42	20.5
Channel				371500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	PI/2 BPSK	1	1	24.91	24.85	24.92	25.0
Channel				371000	376000	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	PI/2 BPSK	1	1	24.90	24.91	24.86	25.0
Channel				370500	376000	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	PI/2 BPSK	1	1	24.82	24.86	24.81	25.0

n71							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.86	24.97	24.89	25.0
20	PI/2 BPSK	1	53	24.74	24.75	24.77	
20	PI/2 BPSK	1	104	24.65	24.69	24.71	
20	PI/2 BPSK	50	0	24.56	24.61	24.62	25.0
20	PI/2 BPSK	50	28	24.49	24.55	24.61	
20	PI/2 BPSK	50	56	24.44	24.43	24.46	
20	PI/2 BPSK	100	0	24.43	24.48	24.40	24.5
20	QPSK	1	1	24.89	24.86	24.87	25.0
20	QPSK	1	53	24.80	24.78	24.84	
20	QPSK	1	104	24.67	24.63	24.67	
20	QPSK	50	0	24.07	24.11	24.11	25.0
20	QPSK	50	28	24.79	24.80	24.78	
20	QPSK	50	56	23.96	23.93	23.96	
20	QPSK	100	0	23.84	23.88	23.90	24.0
20	16QAM	1	1	23.94	23.91	23.93	24.0
20	64QAM	1	1	22.36	22.46	22.39	22.5
20	256QAM	1	1	20.31	20.39	20.31	20.5
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.78	24.95	24.79	25.0
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.64	24.65	24.68	25.0
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.74	24.78	24.78	25.0

n12							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.56	24.64	24.64	25.0
15	PI/2 BPSK	1	40	24.35	24.31	24.26	
15	PI/2 BPSK	1	77	24.19	24.23	24.26	
15	PI/2 BPSK	36	0	24.19	24.24	24.16	25.0
15	PI/2 BPSK	36	22	24.10	24.17	24.11	
15	PI/2 BPSK	36	43	24.10	24.10	24.09	
15	PI/2 BPSK	75	0	24.17	24.18	24.12	24.5
15	QPSK	1	1	24.63	24.53	24.59	25.0
15	QPSK	1	40	24.38	24.40	24.44	
15	QPSK	1	77	24.32	24.28	24.25	
15	QPSK	36	0	24.04	24.10	24.11	25.0
15	QPSK	36	22	24.20	24.19	24.12	
15	QPSK	36	43	24.05	24.06	24.06	
15	QPSK	75	0	23.91	23.82	23.89	24.0
15	16QAM	1	1	23.86	23.95	23.96	24.0
15	64QAM	1	1	22.45	22.39	22.44	22.5
15	256QAM	1	1	20.34	20.40	20.37	20.5
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.24	24.22	24.22	25.0
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.29	24.26	24.30	25.0

n66							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	24.97	24.93	25.0
40	PI/2 BPSK	1	108	24.94	24.89	24.91	
40	PI/2 BPSK	1	214	24.85	24.88	24.84	
40	PI/2 BPSK	108	0	24.67	24.74	24.66	25.0
40	PI/2 BPSK	108	54	24.64	24.69	24.62	
40	PI/2 BPSK	108	108	24.57	24.67	24.62	
40	PI/2 BPSK	216	0	24.41	24.42	24.34	24.5
40	QPSK	1	1	24.91	24.93	24.90	25.0
40	QPSK	1	108	24.45	24.44	24.39	
40	QPSK	1	214	24.45	24.47	24.45	
40	QPSK	108	0	24.61	24.59	24.60	25.0
40	QPSK	108	54	24.72	24.69	24.72	
40	QPSK	108	108	24.57	24.56	24.60	
40	QPSK	216	0	23.51	23.53	23.51	24.0
40	16QAM	1	1	23.89	23.90	23.91	24.0
40	64QAM	1	1	22.41	22.37	22.34	22.5
40	256QAM	1	1	20.39	20.35	20.34	20.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.48	24.56	24.58	25.0
Channel				343500	349000	0	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.33	24.28	24.38	25.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.28	24.34	24.28	25.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.29	24.29	24.34	25.0

n2							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.89	24.97	24.88	25.0
20	PI/2 BPSK	1	53	24.89	24.81	24.91	
20	PI/2 BPSK	1	104	24.70	24.74	24.76	
20	PI/2 BPSK	50	0	24.66	24.69	24.69	25.0
20	PI/2 BPSK	50	28	24.89	24.87	24.93	
20	PI/2 BPSK	50	56	24.61	24.62	24.69	
20	PI/2 BPSK	100	0	24.40	24.32	24.32	24.5
20	QPSK	1	1	24.76	24.85	24.82	25.0
20	QPSK	1	53	24.86	24.88	24.84	
20	QPSK	1	104	24.78	24.79	24.75	
20	QPSK	50	0	24.62	24.57	24.63	25.0
20	QPSK	50	28	24.72	24.70	24.74	
20	QPSK	50	56	24.64	24.62	24.58	
20	QPSK	100	0	23.50	23.57	23.53	24.0
20	16QAM	1	1	23.93	23.96	23.94	24.0
20	64QAM	1	1	22.47	22.43	22.45	22.5
20	256QAM	1	1	20.43	20.43	20.46	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.83	24.80	24.76	25.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.67	24.68	24.75	25.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.61	24.58	24.62	25.0

n5							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.84	24.97	24.77	25.0
20	PI/2 BPSK	1	53	24.48	24.50	24.48	
20	PI/2 BPSK	1	104	24.24	24.23	24.23	
20	PI/2 BPSK	50	0	24.72	24.76	24.69	25.0
20	PI/2 BPSK	50	28	24.50	24.55	24.52	
20	PI/2 BPSK	50	56	24.20	24.16	24.16	
20	PI/2 BPSK	100	0	22.55	22.55	22.57	24.5
20	QPSK	1	1	24.62	24.64	24.56	25.0
20	QPSK	1	53	24.51	24.61	24.52	
20	QPSK	1	104	24.27	24.36	24.36	
20	QPSK	50	0	24.54	24.54	24.45	25.0
20	QPSK	50	28	24.38	24.45	24.46	
20	QPSK	50	56	24.14	24.11	24.09	
20	QPSK	100	0	23.95	23.85	23.89	24.0
20	16QAM	1	1	23.93	23.88	23.86	24.0
20	64QAM	1	1	22.32	22.36	22.36	22.5
20	256QAM	1	1	20.36	20.38	20.34	20.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.26	24.27	24.32	25.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.33	24.31	24.26	25.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.26	24.34	24.35	25.0

n7							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.67	24.67	24.77	25.0
20	PI/2 BPSK	1	53	24.67	24.58	24.64	
20	PI/2 BPSK	1	104	24.63	24.62	24.64	
20	PI/2 BPSK	50	0	24.53	24.56	24.55	25.0
20	PI/2 BPSK	50	28	24.45	24.43	24.44	
20	PI/2 BPSK	50	56	24.47	24.50	24.53	
20	PI/2 BPSK	100	0	24.35	24.38	24.40	24.5
20	QPSK	1	1	24.57	24.59	24.64	25.0
20	QPSK	1	53	24.61	24.56	24.53	
20	QPSK	1	104	24.62	24.61	24.59	
20	QPSK	50	0	24.17	24.11	24.20	25.0
20	QPSK	50	28	24.55	24.54	24.52	
20	QPSK	50	56	24.26	24.22	24.22	
20	QPSK	100	0	23.90	23.91	23.91	24.0
20	16QAM	1	1	23.83	23.86	23.85	24.0
20	64QAM	1	1	22.46	22.46	22.41	22.5
20	256QAM	1	1	20.43	20.46	20.41	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.58	24.68	24.65	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.36	24.32	24.35	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.44	24.41	24.45	25.0

n25							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	381000	
Frequency (MHz)				1860	1880	1905	
20	PI/2 BPSK	1	1	24.91	24.91	24.90	25.0
20	PI/2 BPSK	1	53	24.77	24.77	24.78	
20	PI/2 BPSK	1	104	24.75	24.78	24.74	
20	PI/2 BPSK	50	0	24.65	24.68	24.67	25.0
20	PI/2 BPSK	50	28	24.60	24.57	24.60	
20	PI/2 BPSK	50	56	24.53	24.54	24.57	
20	PI/2 BPSK	100	0	24.33	24.47	24.43	24.5
20	QPSK	1	1	24.27	24.29	24.27	25.0
20	QPSK	1	53	24.75	24.75	24.74	
20	QPSK	1	104	24.67	24.66	24.70	
20	QPSK	50	0	24.59	24.55	24.51	25.0
20	QPSK	50	28	24.62	24.62	24.62	
20	QPSK	50	56	24.54	24.57	24.56	
20	QPSK	100	0	23.91	23.96	23.90	24.0
20	16QAM	1	1	23.80	23.82	23.81	24.0
20	64QAM	1	1	22.35	22.39	22.45	22.5
20	256QAM	1	1	20.43	20.47	20.46	20.5
Channel				371500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	PI/2 BPSK	1	1	24.74	24.79	24.76	25.0
Channel				371000	376000	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	PI/2 BPSK	1	1	24.65	24.70	24.62	25.0
Channel				370500	376000	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	PI/2 BPSK	1	1	24.59	24.61	24.57	25.0

n71							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.81	24.88	24.86	25.0
20	PI/2 BPSK	1	53	24.67	24.66	24.74	
20	PI/2 BPSK	1	104	24.62	24.68	24.61	
20	PI/2 BPSK	50	0	24.57	24.65	24.55	25.0
20	PI/2 BPSK	50	28	24.57	24.60	24.48	
20	PI/2 BPSK	50	56	24.43	24.43	24.47	
20	PI/2 BPSK	100	0	22.67	22.74	22.56	24.5
20	QPSK	1	1	24.84	24.85	24.84	25.0
20	QPSK	1	53	24.83	24.83	24.86	
20	QPSK	1	104	24.74	24.80	24.78	
20	QPSK	50	0	24.11	24.12	24.20	25.0
20	QPSK	50	28	24.79	24.81	24.75	
20	QPSK	50	56	23.98	24.06	24.00	
20	QPSK	100	0	23.83	23.77	23.83	24.0
20	16QAM	1	1	23.89	23.97	23.90	24.0
20	64QAM	1	1	22.38	22.40	22.42	22.5
20	256QAM	1	1	20.35	20.35	20.33	20.5
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.83	24.81	24.79	25.0
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.79	24.80	24.81	25.0
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.74	24.78	24.79	25.0

n12							
Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.43	24.44	24.41	25.0
15	PI/2 BPSK	1	40	24.28	24.24	24.28	
15	PI/2 BPSK	1	77	24.14	24.10	24.14	
15	PI/2 BPSK	36	0	24.24	24.25	24.20	25.0
15	PI/2 BPSK	36	22	24.22	24.17	24.19	
15	PI/2 BPSK	36	43	24.11	24.10	24.18	
15	PI/2 BPSK	75	0	24.17	24.18	24.09	24.5
15	QPSK	1	1	24.34	24.34	24.29	25.0
15	QPSK	1	40	24.33	24.34	24.33	
15	QPSK	1	77	24.18	24.09	24.13	
15	QPSK	36	0	24.09	24.06	24.10	25.0
15	QPSK	36	22	24.15	24.14	24.23	
15	QPSK	36	43	24.05	24.00	24.04	
15	QPSK	75	0	23.87	23.88	23.88	24.0
15	16QAM	1	1	23.90	23.91	23.87	24.0
15	64QAM	1	1	22.45	22.42	22.40	22.5
15	256QAM	1	1	20.36	20.36	20.41	20.5
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.25	24.18	24.18	25.0
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.31	24.32	24.22	25.0

n66							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.80	24.85	24.86	25.0
40	PI/2 BPSK	1	108	23.78	23.81	23.80	
40	PI/2 BPSK	1	214	23.77	23.75	23.75	
40	PI/2 BPSK	108	0	24.72	24.77	24.79	25.0
40	PI/2 BPSK	108	54	23.69	23.69	23.66	
40	PI/2 BPSK	108	108	23.83	23.83	23.83	
40	PI/2 BPSK	216	0	24.42	24.48	24.44	24.5
40	QPSK	1	1	23.79	23.81	23.86	25.0
40	QPSK	1	108	23.72	23.82	23.82	
40	QPSK	1	214	23.73	23.72	23.71	
40	QPSK	108	0	23.76	23.85	23.80	25.0
40	QPSK	108	54	24.57	24.64	24.63	
40	QPSK	108	108	24.77	24.82	24.84	
40	QPSK	216	0	23.23	23.29	23.20	24.0
40	16QAM	1	1	22.74	22.74	22.69	24.0
40	64QAM	1	1	22.41	22.39	22.34	22.5
40	256QAM	1	1	21.45	21.45	21.39	20.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.94	24.00	24.00	25.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.09	24.09	24.08	25.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.93	23.89	23.91	25.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.27	24.30	24.23	25.0

n2							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.96	22.94	22.91	24.9
20	PI/2 BPSK	1	53	22.94	22.94	22.90	
20	PI/2 BPSK	1	104	22.92	22.94	22.90	
20	PI/2 BPSK	50	0	22.91	22.90	22.92	24.9
20	PI/2 BPSK	50	28	22.92	22.90	22.91	
20	PI/2 BPSK	50	56	22.93	22.90	22.91	
20	PI/2 BPSK	100	0	22.90	22.90	22.90	24.9
20	QPSK	1	1	22.76	22.64	22.56	24.0
20	QPSK	1	53	22.68	22.66	22.54	
20	QPSK	1	104	22.71	22.73	22.58	
20	QPSK	50	0	22.75	22.63	22.49	24.0
20	QPSK	50	28	22.68	22.69	22.56	
20	QPSK	50	56	22.71	22.76	22.53	
20	QPSK	100	0	22.72	22.70	22.55	24.0
20	16QAM	1	1	22.76	22.75	22.67	24.0
20	64QAM	1	1	21.16	21.10	21.14	22.5
20	256QAM	1	1	19.29	19.11	19.15	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.96	22.94	22.93	24.9
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.95	22.94	22.91	24.9
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.95	22.93	22.91	24.9

n7							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.82	20.76	20.66	22.6
20	PI/2 BPSK	1	53	20.81	20.75	20.66	
20	PI/2 BPSK	1	104	20.80	20.75	20.62	
20	PI/2 BPSK	50	0	20.78	20.73	20.64	22.6
20	PI/2 BPSK	50	28	20.77	20.72	20.63	
20	PI/2 BPSK	50	56	20.77	20.71	20.61	
20	PI/2 BPSK	100	0	20.75	20.71	20.63	22.6
20	QPSK	1	1	20.74	20.69	20.60	22.6
20	QPSK	1	53	20.75	20.70	20.64	
20	QPSK	1	104	20.74	20.68	20.63	
20	QPSK	50	0	20.75	20.72	20.65	22.6
20	QPSK	50	28	20.75	20.70	20.61	
20	QPSK	50	56	20.76	20.71	20.63	
20	QPSK	100	0	20.65	20.60	20.64	22.6
20	16QAM	1	1	20.63	20.68	20.62	22.6
20	64QAM	1	1	20.62	20.61	20.54	22.5
20	256QAM	1	1	19.29	19.15	19.05	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.74	20.67	20.68	22.6
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.74	20.68	20.60	22.6
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.69	20.67	20.61	22.6

n25							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	381000	
Frequency (MHz)				1860	1880	1905	
20	PI/2 BPSK	1	1	22.98	22.93	22.95	24.9
20	PI/2 BPSK	1	53	22.96	22.92	22.92	
20	PI/2 BPSK	1	104	22.94	22.90	22.94	
20	PI/2 BPSK	50	0	22.97	22.91	22.93	24.9
20	PI/2 BPSK	50	28	22.94	22.91	22.92	
20	PI/2 BPSK	50	56	22.92	22.90	22.92	
20	PI/2 BPSK	100	0	22.91	22.90	22.90	24.9
20	QPSK	1	1	22.95	22.92	22.92	24.9
20	QPSK	1	53	22.94	22.92	22.90	
20	QPSK	1	104	22.93	22.91	22.91	
20	QPSK	50	0	22.87	22.72	22.57	24.0
20	QPSK	50	28	22.78	22.81	22.58	
20	QPSK	50	56	22.83	22.76	22.55	
20	QPSK	100	0	22.73	22.67	22.54	24.0
20	16QAM	1	1	22.89	22.83	22.76	24.0
20	64QAM	1	1	21.33	21.24	21.17	22.5
20	256QAM	1	1	19.34	19.25	19.17	20.5
Channel				371500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	PI/2 BPSK	1	1	22.94	22.94	22.90	24.9
Channel				371000	376000	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	PI/2 BPSK	1	1	22.90	22.93	22.91	24.9
Channel				370500	376000	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	PI/2 BPSK	1	1	22.92	22.93	22.92	24.9

n7							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.88	23.84	23.75	25.0
20	PI/2 BPSK	1	53	23.86	23.83	23.72	
20	PI/2 BPSK	1	104	23.84	23.82	23.71	
20	PI/2 BPSK	50	0	23.84	23.76	23.75	25.0
20	PI/2 BPSK	50	28	23.82	23.79	23.74	
20	PI/2 BPSK	50	56	23.80	23.77	23.70	
20	PI/2 BPSK	100	0	23.80	23.76	23.70	24.5
20	QPSK	1	1	23.86	23.82	23.67	25.0
20	QPSK	1	53	23.85	23.83	23.71	
20	QPSK	1	104	23.82	23.80	23.66	
20	QPSK	50	0	23.80	23.77	23.72	25.0
20	QPSK	50	28	23.81	23.81	23.74	
20	QPSK	50	56	23.83	23.79	23.71	
20	QPSK	100	0	22.79	22.76	22.62	24.0
20	16QAM	1	1	22.85	22.81	22.74	24.0
20	64QAM	1	1	21.39	21.34	21.26	22.5
20	256QAM	1	1	19.41	19.30	19.26	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.81	23.81	23.68	25.0
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.83	23.74	23.73	25.0
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.88	23.75	23.66	25.0

n2							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.86	22.77	22.71	24.1
20	PI/2 BPSK	1	53	22.84	22.74	22.65	
20	PI/2 BPSK	1	104	22.77	22.74	22.66	
20	PI/2 BPSK	50	0	22.79	22.66	22.59	24.1
20	PI/2 BPSK	50	28	22.77	22.65	22.52	
20	PI/2 BPSK	50	56	22.73	22.60	22.52	
20	PI/2 BPSK	100	0	22.69	22.68	22.58	24.1
20	QPSK	1	1	22.76	22.64	22.56	24.0
20	QPSK	1	53	22.68	22.66	22.54	
20	QPSK	1	104	22.71	22.73	22.58	
20	QPSK	50	0	22.75	22.63	22.49	24.0
20	QPSK	50	28	22.68	22.69	22.56	
20	QPSK	50	56	22.71	22.76	22.53	
20	QPSK	100	0	22.72	22.70	22.55	24.0
20	16QAM	1	1	22.76	22.75	22.67	24.0
20	64QAM	1	1	21.16	21.10	21.14	22.5
20	256QAM	1	1	19.29	19.11	19.15	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.86	22.76	22.76	24.1
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.67	22.59	22.71	24.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.70	22.60	22.64	24.1

n7							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.22	18.01	17.77	19.2
20	PI/2 BPSK	1	53	18.20	18.00	17.74	
20	PI/2 BPSK	1	104	18.18	17.94	17.72	
20	PI/2 BPSK	50	0	17.88	17.78	17.65	19.2
20	PI/2 BPSK	50	28	17.88	17.77	17.62	
20	PI/2 BPSK	50	56	17.86	17.76	17.63	
20	PI/2 BPSK	100	0	17.86	17.77	17.64	19.2
20	QPSK	1	1	18.20	17.91	17.77	19.2
20	QPSK	1	53	18.16	17.95	17.69	
20	QPSK	1	104	18.18	17.94	17.67	
20	QPSK	50	0	17.88	17.78	17.69	19.2
20	QPSK	50	28	17.84	17.79	17.65	
20	QPSK	50	56	17.80	17.75	17.67	
20	QPSK	100	0	17.82	17.73	17.68	19.2
20	16QAM	1	1	17.85	17.74	17.62	19.2
20	64QAM	1	1	17.55	17.70	17.71	19.2
20	256QAM	1	1	17.29	17.20	17.54	19.2
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.20	17.93	17.72	19.2
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.12	18.00	17.73	19.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.13	18.00	17.72	19.2

n25							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	381000	
Frequency (MHz)				1860	1880	1905	
20	PI/2 BPSK	1	1	22.98	22.93	22.80	24.1
20	PI/2 BPSK	1	53	22.96	22.92	22.78	
20	PI/2 BPSK	1	104	22.94	22.90	22.74	
20	PI/2 BPSK	50	0	22.87	22.81	22.59	24.1
20	PI/2 BPSK	50	28	22.84	22.81	22.64	
20	PI/2 BPSK	50	56	22.86	22.78	22.62	
20	PI/2 BPSK	100	0	22.81	22.76	22.55	24.1
20	QPSK	1	1	22.89	22.85	22.75	24.0
20	QPSK	1	53	22.94	22.82	22.70	
20	QPSK	1	104	22.93	22.86	22.71	
20	QPSK	50	0	22.87	22.72	22.57	24.0
20	QPSK	50	28	22.78	22.81	22.58	
20	QPSK	50	56	22.83	22.76	22.55	
20	QPSK	100	0	22.73	22.67	22.54	24.0
20	16QAM	1	1	22.89	22.83	22.76	24.0
20	64QAM	1	1	21.33	21.24	21.17	22.5
20	256QAM	1	1	19.34	19.25	19.17	20.5
Channel				371500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	PI/2 BPSK	1	1	22.94	22.84	22.72	24.1
Channel				371000	376000	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	PI/2 BPSK	1	1	22.90	22.89	22.80	24.1
Channel				370500	376000	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	PI/2 BPSK	1	1	22.89	22.93	22.72	24.1

n7							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.88	23.84	23.75	24.8
20	PI/2 BPSK	1	53	23.86	23.83	23.72	
20	PI/2 BPSK	1	104	23.84	23.82	23.71	
20	PI/2 BPSK	50	0	23.84	23.76	23.75	24.8
20	PI/2 BPSK	50	28	23.82	23.79	23.74	
20	PI/2 BPSK	50	56	23.80	23.77	23.70	
20	PI/2 BPSK	100	0	23.80	23.76	23.70	24.5
20	QPSK	1	1	23.86	23.82	23.67	24.8
20	QPSK	1	53	23.85	23.83	23.71	
20	QPSK	1	104	23.82	23.80	23.66	
20	QPSK	50	0	23.80	23.77	23.72	24.8
20	QPSK	50	28	23.81	23.81	23.74	
20	QPSK	50	56	23.83	23.79	23.71	
20	QPSK	100	0	22.79	22.76	22.62	24.0
20	16QAM	1	1	22.85	22.81	22.74	24.0
20	64QAM	1	1	21.39	21.34	21.26	22.5
20	256QAM	1	1	19.41	19.30	19.26	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.82	23.80	23.64	24.8
15	QPSK	1	1	23.84	23.78	23.64	24.8
15	16QAM	1	1	22.85	22.73	22.66	24.0
15	64QAM	1	1	21.31	21.30	21.21	22.5
15	256QAM	1	1	19.39	19.24	19.25	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.85	23.81	23.67	24.8
10	QPSK	1	1	23.79	23.76	23.71	24.8
10	16QAM	1	1	22.76	22.72	22.71	24.0
10	64QAM	1	1	21.29	21.31	21.24	22.5
10	256QAM	1	1	19.31	19.28	19.24	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.83	23.74	23.74	24.8
5	QPSK	1	1	23.78	23.80	23.64	24.8
5	16QAM	1	1	22.85	22.78	22.73	24.0
5	64QAM	1	1	21.32	21.24	21.20	22.5
5	256QAM	1	1	19.32	19.23	19.23	20.5

n2							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.96	22.94	22.91	24.1
20	PI/2 BPSK	1	53	22.94	22.94	22.90	
20	PI/2 BPSK	1	104	22.92	22.94	22.90	
20	PI/2 BPSK	50	0	22.91	22.90	22.92	24.1
20	PI/2 BPSK	50	28	22.92	22.90	22.91	
20	PI/2 BPSK	50	56	22.93	22.90	22.91	
20	PI/2 BPSK	100	0	22.90	22.90	22.90	24.1
20	QPSK	1	1	22.76	22.64	22.56	24.0
20	QPSK	1	53	22.68	22.66	22.54	
20	QPSK	1	104	22.71	22.73	22.58	
20	QPSK	50	0	22.75	22.63	22.49	24.0
20	QPSK	50	28	22.68	22.69	22.56	
20	QPSK	50	56	22.71	22.76	22.53	
20	QPSK	100	0	22.72	22.70	22.55	24.0
20	16QAM	1	1	22.76	22.75	22.67	24.0
20	64QAM	1	1	21.16	21.10	21.14	22.5
20	256QAM	1	1	19.29	19.11	19.15	20.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.96	22.94	22.93	24.1
15	QPSK	1	1	22.92	22.93	22.92	24.1
15	16QAM	1	1	22.73	22.68	22.71	24.0
15	64QAM	1	1	21.19	21.12	21.15	22.5
15	256QAM	1	1	19.24	19.12	19.23	20.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.95	22.94	22.91	24.1
10	QPSK	1	1	22.95	22.93	22.91	24.1
10	16QAM	1	1	22.71	22.62	22.67	24.0
10	64QAM	1	1	21.10	21.02	21.12	22.5
10	256QAM	1	1	19.14	19.06	19.17	20.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.95	22.93	22.91	24.1
5	QPSK	1	1	22.93	22.91	22.90	24.1
5	16QAM	1	1	22.65	22.62	22.63	24.0
5	64QAM	1	1	21.17	21.02	21.06	22.5
5	256QAM	1	1	19.24	19.02	19.17	20.5

n7							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.82	20.76	20.66	21.8
20	PI/2 BPSK	1	53	20.81	20.75	20.66	
20	PI/2 BPSK	1	104	20.80	20.75	20.62	
20	PI/2 BPSK	50	0	20.78	20.73	20.64	21.8
20	PI/2 BPSK	50	28	20.77	20.72	20.63	
20	PI/2 BPSK	50	56	20.77	20.71	20.61	
20	PI/2 BPSK	100	0	20.75	20.71	20.63	21.8
20	QPSK	1	1	20.74	20.69	20.60	21.8
20	QPSK	1	53	20.75	20.70	20.64	
20	QPSK	1	104	20.74	20.68	20.63	
20	QPSK	50	0	20.75	20.72	20.65	21.8
20	QPSK	50	28	20.75	20.70	20.61	
20	QPSK	50	56	20.76	20.71	20.63	
20	QPSK	100	0	20.65	20.60	20.64	21.8
20	16QAM	1	1	20.63	20.68	20.62	21.8
20	64QAM	1	1	20.62	20.61	20.54	21.8
20	256QAM	1	1	19.29	19.15	19.05	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.74	20.67	20.68	21.8
15	QPSK	1	1	20.69	20.61	20.67	21.8
15	16QAM	1	1	20.61	20.65	20.69	21.8
15	64QAM	1	1	20.62	20.51	20.51	21.8
15	256QAM	1	1	19.27	19.15	19.05	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.74	20.68	20.60	21.8
10	QPSK	1	1	20.67	20.68	20.68	21.8
10	16QAM	1	1	20.65	20.68	20.65	21.8
10	64QAM	1	1	20.67	20.53	20.58	21.8
10	256QAM	1	1	19.26	19.08	19.01	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.69	20.67	20.61	21.8
5	QPSK	1	1	20.72	20.61	20.67	21.8
5	16QAM	1	1	20.62	20.62	20.64	21.8
5	64QAM	1	1	20.60	20.59	20.58	21.8
5	256QAM	1	1	19.27	19.13	19.03	20.5

n25							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	381000	
Frequency (MHz)				1860	1880	1905	
20	PI/2 BPSK	1	1	22.98	22.93	22.95	24.1
20	PI/2 BPSK	1	53	22.96	22.92	22.92	
20	PI/2 BPSK	1	104	22.94	22.90	22.94	
20	PI/2 BPSK	50	0	22.97	22.91	22.93	24.1
20	PI/2 BPSK	50	28	22.94	22.91	22.92	
20	PI/2 BPSK	50	56	22.92	22.90	22.92	
20	PI/2 BPSK	100	0	22.91	22.90	22.90	24.1
20	QPSK	1	1	22.95	22.92	22.92	24.9
20	QPSK	1	53	22.94	22.92	22.90	
20	QPSK	1	104	22.93	22.91	22.91	
20	QPSK	50	0	22.87	22.72	22.57	24.0
20	QPSK	50	28	22.78	22.81	22.58	
20	QPSK	50	56	22.83	22.76	22.55	
20	QPSK	100	0	22.73	22.67	22.54	24.0
20	16QAM	1	1	22.89	22.83	22.76	24.0
20	64QAM	1	1	21.33	21.24	21.17	22.5
20	256QAM	1	1	19.34	19.25	19.17	20.5
Channel				371500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	PI/2 BPSK	1	1	22.94	22.94	22.90	24.1
15	QPSK	1	1	22.92	22.92	22.91	24.9
15	16QAM	1	1	22.76	22.75	22.54	24.0
15	64QAM	1	1	21.26	21.22	21.10	22.5
15	256QAM	1	1	19.24	19.16	19.07	20.5
Channel				371000	376000	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	PI/2 BPSK	1	1	22.90	22.93	22.91	24.1
10	QPSK	1	1	22.93	22.92	22.93	24.1
10	16QAM	1	1	22.80	22.71	22.50	24.0
10	64QAM	1	1	21.27	21.18	21.16	22.5
10	256QAM	1	1	19.30	19.16	19.15	20.5
Channel				370500	376000	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	PI/2 BPSK	1	1	22.92	22.93	22.92	24.1
5	QPSK	1	1	22.92	22.93	22.91	24.1
5	16QAM	1	1	22.77	22.68	22.45	24.0
5	64QAM	1	1	21.33	21.22	21.07	22.5
5	256QAM	1	1	19.29	19.17	19.08	20.5

n7							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.88	23.84	23.75	24.8
20	PI/2 BPSK	1	53	23.86	23.83	23.72	
20	PI/2 BPSK	1	104	23.84	23.82	23.71	
20	PI/2 BPSK	50	0	23.84	23.76	23.75	24.8
20	PI/2 BPSK	50	28	23.82	23.79	23.74	
20	PI/2 BPSK	50	56	23.80	23.77	23.70	
20	PI/2 BPSK	100	0	23.80	23.76	23.70	24.5
20	QPSK	1	1	23.86	23.82	23.67	24.8
20	QPSK	1	53	23.85	23.83	23.71	
20	QPSK	1	104	23.82	23.80	23.66	
20	QPSK	50	0	23.80	23.77	23.72	24.8
20	QPSK	50	28	23.81	23.81	23.74	
20	QPSK	50	56	23.83	23.79	23.71	
20	QPSK	100	0	22.79	22.76	22.62	24.0
20	16QAM	1	1	22.85	22.81	22.74	24.0
20	64QAM	1	1	21.39	21.34	21.26	22.5
20	256QAM	1	1	19.41	19.30	19.26	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.81	23.81	23.68	24.8
15	QPSK	1	1	23.79	23.74	23.69	24.8
15	16QAM	1	1	22.66	22.73	22.60	24.0
15	64QAM	1	1	21.22	21.09	21.06	22.5
15	256QAM	1	1	19.30	19.20	19.03	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.83	23.74	23.73	24.8
10	QPSK	1	1	23.85	23.76	23.65	24.8
10	16QAM	1	1	22.76	22.69	22.62	24.0
10	64QAM	1	1	21.17	21.15	21.11	22.5
10	256QAM	1	1	19.35	19.25	19.06	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.88	23.75	23.66	24.8
5	QPSK	1	1	23.80	23.83	23.69	24.8
5	16QAM	1	1	22.73	22.77	22.52	24.0
5	64QAM	1	1	21.18	21.18	21.02	22.5
5	256QAM	1	1	19.36	19.24	19.01	20.5

n41							
Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.57	24.45	24.38	25.0
100	PI/2 BPSK	1	137	24.56	24.43	24.33	
100	PI/2 BPSK	1	271	24.55	24.36	24.37	
100	PI/2 BPSK	135	0	24.47	24.44	24.30	25.0
100	PI/2 BPSK	135	69	24.46	24.41	24.31	
100	PI/2 BPSK	135	138	24.46	24.42	24.29	
100	PI/2 BPSK	270	0	24.47	24.38	24.29	24.5
100	QPSK	1	1	24.50	24.36	24.29	25.0
100	QPSK	1	137	24.54	24.36	24.26	
100	QPSK	1	271	24.52	24.35	24.31	
100	QPSK	135	0	24.51	24.43	24.29	25.0
100	QPSK	135	69	24.52	24.39	24.25	
100	QPSK	135	138	24.55	24.29	24.35	
100	QPSK	270	0	23.56	23.45	23.39	24.0
100	16QAM	1	1	23.51	23.44	23.36	24.0
100	64QAM	1	1	21.46	21.34	21.26	22.5
100	256QAM	1	1	20.44	20.35	20.27	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.40	24.32	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.51	24.41	24.28	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.57	24.35	24.34	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.56	24.36	24.36	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.52	24.39	24.32	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.52	24.40	24.30	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.51	24.43	24.35	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.51	24.43	24.29	25.0

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Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	27.17	27.25	26.24	27.5
100	PI/2 BPSK	1	137	27.13	27.17	26.21	
100	PI/2 BPSK	1	271	27.12	27.16	26.15	
100	PI/2 BPSK	135	0	27.09	27.11	26.23	27.5
100	PI/2 BPSK	135	69	27.05	27.07	26.19	
100	PI/2 BPSK	135	138	27.06	27.09	26.22	
100	PI/2 BPSK	270	0	27.01	27.05	26.20	27.0
100	QPSK	1	1	27.10	27.24	26.16	27.5
100	QPSK	1	137	27.13	27.20	26.18	
100	QPSK	1	271	27.07	27.19	26.16	
100	QPSK	135	0	27.16	27.19	26.23	27.5
100	QPSK	135	69	27.13	27.17	26.24	
100	QPSK	135	138	27.16	27.24	26.19	
100	QPSK	270	0	26.15	26.24	25.19	26.5
100	16QAM	1	1	26.14	26.20	25.16	26.5
100	64QAM	1	1	25.17	25.16	24.17	25.0
100	256QAM	1	1	23.19	23.14	22.19	23.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	27.05	27.19	26.20	27.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	27.14	27.17	26.15	27.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	27.09	27.20	26.24	27.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	27.06	27.21	26.15	27.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	27.03	27.16	26.21	27.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	27.07	27.18	26.19	27.5
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	27.03	27.23	26.15	27.5
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	27.04	27.20	26.18	27.5

n41							
Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.62	24.75	24.47	25.0
100	PI/2 BPSK	1	137	24.58	24.71	24.43	
100	PI/2 BPSK	1	271	24.60	24.68	24.46	
100	PI/2 BPSK	135	0	24.55	24.69	24.42	25.0
100	PI/2 BPSK	135	69	24.54	24.66	24.39	
100	PI/2 BPSK	135	138	24.55	24.67	24.42	
100	PI/2 BPSK	270	0	24.32	24.46	24.27	24.5
100	QPSK	1	1	24.61	24.67	24.47	25.0
100	QPSK	1	137	24.48	24.70	24.40	
100	QPSK	1	271	24.52	24.61	24.37	
100	QPSK	135	0	24.58	24.71	24.46	25.0
100	QPSK	135	69	24.58	24.69	24.39	
100	QPSK	135	138	24.58	24.61	24.39	
100	QPSK	270	0	23.55	23.69	23.48	24.0
100	16QAM	1	1	23.54	23.66	23.42	24.0
100	64QAM	1	1	22.04	22.14	21.97	22.5
100	256QAM	1	1	20.06	20.14	19.94	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.60	24.72	24.39	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.56	24.71	24.45	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.60	24.71	24.44	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.54	24.75	24.41	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.56	24.75	24.44	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.52	24.75	24.41	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.58	24.74	24.46	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.53	24.68	24.44	25.0

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Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.14	24.03	23.96	25.2
100	PI/2 BPSK	1	137	24.13	24.01	23.92	
100	PI/2 BPSK	1	271	24.11	23.99	23.91	
100	PI/2 BPSK	135	0	23.96	23.80	23.77	25.2
100	PI/2 BPSK	135	69	23.94	23.79	23.74	
100	PI/2 BPSK	135	138	23.93	23.77	23.71	
100	PI/2 BPSK	270	0	23.91	23.77	23.64	25.2
100	QPSK	1	1	24.12	24.01	24.07	25.2
100	QPSK	1	137	24.11	23.96	24.06	
100	QPSK	1	271	24.11	23.93	24.05	
100	QPSK	135	0	24.11	24.00	24.05	25.2
100	QPSK	135	69	24.06	23.97	24.09	
100	QPSK	135	138	24.08	23.98	24.07	
100	QPSK	270	0	23.95	23.97	24.06	25.0
100	16QAM	1	1	23.92	23.96	24.05	25.0
100	64QAM	1	1	23.42	23.49	23.59	25.0
100	256QAM	1	1	21.70	21.73	22.02	23.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	0	0	23.41	23.27	23.35	25.2
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.39	23.26	23.35	25.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.40	23.25	23.34	25.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.39	23.31	23.35	25.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.36	23.28	23.35	25.2
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.38	23.22	23.40	25.2
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.39	23.30	23.35	25.2
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.41	23.24	23.39	25.2

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Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.14	24.03	23.96	24.4
100	PI/2 BPSK	1	137	24.13	24.01	23.92	
100	PI/2 BPSK	1	271	24.11	23.99	23.91	
100	PI/2 BPSK	135	0	23.96	23.80	23.77	24.4
100	PI/2 BPSK	135	69	23.94	23.79	23.74	
100	PI/2 BPSK	135	138	23.93	23.77	23.71	
100	PI/2 BPSK	270	0	23.91	23.77	23.64	24.4
100	QPSK	1	1	24.12	24.01	24.07	24.4
100	QPSK	1	137	24.11	23.96	24.06	
100	QPSK	1	271	24.11	23.93	24.05	
100	QPSK	135	0	24.11	24.00	24.05	24.4
100	QPSK	135	69	24.06	23.97	24.09	
100	QPSK	135	138	24.08	23.98	24.07	
100	QPSK	270	0	23.95	23.97	24.06	24.4
100	16QAM	1	1	23.92	23.96	24.05	24.4
100	64QAM	1	1	23.42	23.49	23.59	24.4
100	256QAM	1	1	21.70	21.73	22.02	23.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	0	0	23.41	23.27	23.35	24.4
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.39	23.26	23.35	24.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.40	23.25	23.34	24.4
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.39	23.31	23.35	24.4
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.36	23.28	23.35	24.4
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.38	23.22	23.40	24.4
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.39	23.30	23.35	24.4
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.41	23.24	23.39	24.4

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.90	23.00	100.00	22.20	23.00	100.00	22.90	23.00	22.20	23.00	25.57	26.0	100.00
		6	2437	22.80	23.00		22.10	23.00		22.80	23.00	22.10	23.00	25.47	26.0	
		11	2462	22.50	23.00		21.70	23.00		22.50	23.00	21.70	23.00	25.13	26.0	
		12	2467	17.80	18.50		18.20	18.50		17.80	18.50	18.20	18.50	21.01	21.5	
		13	2472	13.60	14.00		13.70	14.00		13.60	14.00	13.70	14.00	16.66	17.0	
	802.11g 6Mbps	1	2412	Not Required	18.50	97.64	Not Required	18.50	98.11	Not Required	18.50	Not Required	18.50	Not Required	21.5	98.11
		6	2437		22.00			22.00			22.00		22.00		25.0	
		11	2462		18.00			18.00			18.00		18.00		21.0	
		12	2467		12.50			12.50			12.50		12.50		15.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	
	802.11n-HT20 MCS0	1	2412		18.00	97.73		18.00	97.72		18.00		18.00		21.0	97.96
		6	2437		22.50			22.50			22.50		22.50		25.5	
		11	2462		17.50			17.50			17.50		17.50		20.5	
		12	2467		10.50			10.50			10.50		10.50		13.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	
	802.11ac-VHT20 MCS0	1	2412		18.00	97.98		18.00	97.97		18.00		18.00		21.0	97.97
		6	2437		22.50			22.50			22.50		22.50		25.5	
		11	2462		17.50			17.50			17.50		17.50		20.5	
		12	2467		10.50			10.50			10.50		10.50		13.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	18.50	98.11	Not Required	18.50	97.88	Not Required	18.50	Not Required	18.50	Not Required	21.5	98.11
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		17.50			17.50			17.50		17.50		20.5	
	802.11n-HT20 MCS0	36	5180		18.50	97.47		18.50	97.97		18.50		18.50		21.5	97.72
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		18.50			18.50			18.50		18.50		21.5	
	802.11n-HT40 MCS0	38	5190	12.00	13.00	95.45	12.70	13.00	95.45	12.00	13.00	12.70	13.00	15.37	16.0	94.95
		46	5230	20.30	21.00		19.90	21.00		20.30	21.00	19.90	21.00	23.11	24.0	
	802.11ac-VHT20 MCS0	36	5180	Not Required	18.50	97.93	Not Required	18.50	97.49	Not Required	18.50	Not Required	18.50	Not Required	21.5	97.98
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		18.50			18.50			18.50		18.50		21.5	
	802.11ac-VHT40 MCS0	38	5190		13.00	95.48		13.00	95.96		13.00		13.00		16.0	95.48
		46	5230		21.00			21.00			21.00		21.00		24.0	
	802.11ac-VHT80 MCS0	42	5210		12.50	92.06		12.50	92.06		12.50		12.50		15.5	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	17.50	98.11	Not Required	17.50	97.88	Not Required	17.50	Not Required	17.50	Not Required	20.5	98.11
		56	5280		17.50			17.50			17.50		17.50		20.5	
		60	5300		17.50			17.50			17.50		17.50		20.5	
		64	5320		17.50			17.50			17.50		17.50		20.5	
	802.11n-HT20 MCS0	52	5260		18.00	97.47		18.00	97.97		18.00		18.00		21.0	97.72
		56	5280		18.00			18.00			18.00		18.00		21.0	
		60	5300		18.00			18.00			18.00		18.00		21.0	
		64	5320		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT40 MCS0	54	5270	20.30	21.00	95.45	19.90	21.00	95.45	20.30	21.00	19.90	21.00	23.11	24.0	94.95
		62	5310	13.50	13.50		12.50	13.50		13.50	13.50	12.50	13.50	16.04	16.5	
	802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	97.93	Not Required	18.00	97.49	Not Required	18.00	Not Required	18.00	Not Required	21.0	97.98
		56	5280		18.00			18.00			18.00		18.00		21.0	
		60	5300		18.00			18.00			18.00		18.00		21.0	
		64	5320		18.00			18.00			18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	54	5270		21.00	95.48		21.00	95.96		21.00		21.00		24.0	95.48
		62	5310		13.50			13.50			13.50		13.50		16.5	
	802.11ac-VHT80 MCS0	58	5290		12.00	92.06		12.00	92.06		12.00		12.00		15.0	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	18.00	97.88	Not Required	18.00	97.88	Not Required	18.00	Not Required	18.00	Not Required	21.0	98.11
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT20 MCS0	100	5500		18.00	97.97		18.00	97.97		18.00		18.00		21.0	97.72
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT40 MCS0	102	5510		16.00	95.45		16.00	95.45		16.00		16.00		19.0	94.95
		110	5550		21.00			21.00			21.00		21.00		24.0	
		126	5630		21.00			21.00			21.00		21.00		24.0	
		134	5670		21.00			21.00			21.00		21.00		24.0	
		142	5710		20.50			20.50			20.50		20.50		23.5	
	802.11ac-VHT20 MCS0	100	5500		18.00	97.49		18.00	97.49		18.00		18.00		21.0	97.98
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	102	5510		16.00	95.96		16.00	95.96		16.00		16.00		19.0	95.48
		110	5550		21.00			21.00			21.00		21.00		24.0	
		126	5630		21.00			21.00			21.00		21.00		24.0	
		134	5670		20.50			20.50			20.50		20.50		23.5	
		142	5710		20.50			20.50			20.50		20.50		23.5	
	802.11ac-VHT80 MCS0	106	5530	12.80	13.00	92.06	12.90	13.00	92.06	12.80	13.00	12.90	13.00	15.86	16.0	92.00
		122	5610	19.90	21.00		20.80	21.00		19.90	21.00	20.80	21.00	23.38	24.0	
		138	5690	19.80	20.50		20.20	20.50		19.80	20.50	20.20	20.50	23.01	23.5	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	21.00	98.11	Not Required	21.00	97.88	Not Required	21.00	Not Required	21.00	Not Required	24.0	98.11
		157	5785		21.00			21.00			21.00		21.00		24.0	
		165	5825		21.00			21.00			21.00		21.00		24.0	
	802.11n-HT20 MCS0	149	5745		21.00	97.47		21.00	97.97		21.00		21.00		24.0	97.72
		157	5785		20.50			20.50			20.50		20.50		23.5	
		165	5825		20.50			20.50			20.50		20.50		23.5	
	802.11n-HT40 MCS0	151	5755		21.00	95.45		21.00	95.45		21.00		21.00		24.0	94.95
		159	5795		21.00			21.00			21.00		21.00		24.0	
	802.11ac-VHT20 MCS0	149	5745		21.00	97.93		21.00	97.49		21.00		21.00		24.0	97.98
		157	5785		20.50			20.50			20.50		20.50		23.5	
		165	5825		20.50			20.50			20.50		20.50		23.5	
	802.11ac-VHT40 MCS0	151	5755		21.00	95.48		21.00	95.96		21.00		21.00		24.0	95.48
		159	5795		21.00			21.00			21.00		21.00		24.0	
	802.11ac-VHT80 MCS0	155	5775	20.40	21.00	92.06	20.10	21.00	92.06	20.40	21.00	20.10	21.00	23.26	24.0	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.80	16.00	100.00	17.30	17.50	100.00	Not Required	16.00	Not Required	17.50	Not Required	19.8	100.00
		6	2437	15.60	16.00		17.10	17.50			16.00		17.50		19.8	
		11	2462	15.80	16.00		17.30	17.50			16.00		17.50		19.8	
		12	2467	15.50	16.00		17.00	17.50			16.00		17.50		19.8	
		13	2472	15.80	16.00		17.40	17.50			16.00		17.50		19.8	
	802.11g 6Mbps	1	2412	Not Required	16.00	97.64	Not Required	17.50	98.11		16.00		17.50		19.8	98.11
		6	2437		16.00			17.50			16.00		17.50		19.8	
		11	2462		16.00			17.50			16.00		17.50		19.8	
		12	2467		12.50			12.50			12.50		12.50		15.5	
		13	2472		2.00			0.00			2.00		0.00		4.1	
	802.11n-HT20 MCS0	1	2412		16.00	97.73		17.50	97.72		16.00		17.50		19.8	97.96
		6	2437		16.00			17.50			16.00		17.50		19.8	
		11	2462		16.00			17.50			16.00		17.50		19.8	
		12	2467		11.00			10.50			11.00		10.50		13.8	
		13	2472		2.00			0.00			2.00		0.00		4.1	
	802.11ac-VHT20 MCS0	1	2412		16.00	97.98		17.50	97.97		16.00		17.50		19.8	97.97
		6	2437		16.00			17.50			16.00		17.50		19.8	
		11	2462		16.00			17.50			16.00		17.50		19.8	
		12	2467		11.00			11.00			11.00		11.00		14.0	
		13	2472		2.00			0.00			2.00		0.00		4.1	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	9.50	97.87	Not Required	11.50	97.87	Not Required	9.50	Not Required	11.50	Not Required	13.6	97.87
		40	5200		9.50			11.50			9.50		11.50		13.6	
		44	5220		9.50			11.50			9.50		11.50		13.6	
		48	5240		9.50			11.50			9.50		11.50		13.6	
	802.11n-HT20 MCS0	36	5180		9.50	96.96		11.50	96.96		9.50		11.50		13.6	96.96
		40	5200		9.50			11.50			9.50		11.50		13.6	
		44	5220		9.50			11.50			9.50		11.50		13.6	
		48	5240		9.50			11.50			9.50		11.50		13.6	
	802.11n-HT40 MCS0	38	5190		9.50	95.95		11.50	95.95		9.50		11.50		13.6	95.95
		46	5230		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT20 MCS0	36	5180		9.50	97.22		11.50	97.22		9.50		11.50		13.6	97.22
		40	5200		9.50			11.50			9.50		11.50		13.6	
		44	5220		9.50			11.50			9.50		11.50		13.6	
		48	5240		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT40 MCS0	38	5190		9.50	95.47		11.50	95.47		9.50		11.50		13.6	95.47
		46	5230		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT80 MCS0	42	5210	9.00	9.50	92.07	11.31	11.50	92.00		9.50		11.50		13.6	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	9.50	97.87	Not Required	11.50	97.87	Not Required	9.50	Not Required	11.50	Not Required	13.6	97.87
		56	5280		9.50			11.50			9.50		11.50		13.6	
		60	5300		9.50			11.50			9.50		11.50		13.6	
		64	5320		9.50			11.50			9.50		11.50		13.6	
	802.11n-HT20 MCS0	52	5260		9.50	96.96		11.50	96.96		9.50		11.50		13.6	96.96
		56	5280		9.50			11.50			9.50		11.50		13.6	
		60	5300		9.50			11.50			9.50		11.50		13.6	
		64	5320		9.50			11.50			9.50		11.50		13.6	
	802.11n-HT40 MCS0	54	5270		9.50	95.95		11.50	95.95		9.50		11.50		13.6	95.95
		62	5310		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT20 MCS0	52	5260		9.50	97.22		11.50	97.22		9.50		11.50		13.6	97.22
		56	5280		9.50			11.50			9.50		11.50		13.6	
		60	5300		9.50			11.50			9.50		11.50		13.6	
		64	5320		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT40 MCS0	54	5270		9.50	95.47		11.50	95.47		9.50		11.50		13.6	95.47
		62	5310		9.50			11.50			9.50		11.50		13.6	
	802.11ac-VHT80 MCS0	58	5290	9.30	9.50	92.07	11.49	11.50	92.00		9.50		11.50		13.6	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	9.00	97.87	Not Required	12.00	97.87	Not Required	9.00	Not Required	12.00	Not Required	13.8	97.87
		116	5580		9.00			12.00			9.00		12.00		13.8	
		124	5620		9.00			12.00			9.00		12.00		13.8	
		132	5660		9.00			12.00			9.00		12.00		13.8	
		140	5700		9.00			12.00			9.00		12.00		13.8	
		144	5720		9.00			12.00			9.00		12.00		13.8	
	802.11n-HT20 MCS0	100	5500		9.00	96.96		12.00	96.96		9.00		12.00		13.8	96.96
		116	5580		9.00			12.00			9.00		12.00		13.8	
		124	5620		9.00			12.00			9.00		12.00		13.8	
		132	5660		9.00			12.00			9.00		12.00		13.8	
		140	5700		9.00			12.00			9.00		12.00		13.8	
		144	5720		9.00			12.00			9.00		12.00		13.8	
	802.11n-HT40 MCS0	102	5510		9.00	95.95		12.00	95.95		9.00		12.00		13.8	95.95
		110	5550		9.00			12.00			9.00		12.00		13.8	
		126	5630		9.00			12.00			9.00		12.00		13.8	
		134	5670		9.00			12.00			9.00		12.00		13.8	
		142	5710		9.00			12.00			9.00		12.00		13.8	
	802.11ac-VHT20 MCS0	100	5500		9.00	97.22		12.00	97.22		9.00		12.00		13.8	97.22
		116	5580		9.00			12.00			9.00		12.00		13.8	
		124	5620		9.00			12.00			9.00		12.00		13.8	
		132	5660		9.00			12.00			9.00		12.00		13.8	
		140	5700		9.00			12.00			9.00		12.00		13.8	
		144	5720		9.00			12.00			9.00		12.00		13.8	
	802.11ac-VHT40 MCS0	102	5510		9.00	95.47		12.00	95.47		9.00		12.00		13.8	95.47
		110	5550		9.00			12.00			9.00		12.00		13.8	
		126	5630		9.00			12.00			9.00		12.00		13.8	
		134	5670		9.00			12.00			9.00		12.00		13.8	
		142	5710		9.00			12.00			9.00		12.00		13.8	
	802.11ac-VHT80 MCS0	106	5530	8.50	9.00	92.07	11.88	12.00	92.00		9.00		12.00		13.8	90.19
		122	5610	8.90	9.00		11.68	12.00			9.00		12.00		13.8	
		138	5690	8.90	9.00		11.04	12.00			9.00		12.00		13.8	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	9.00	97.87	Not Required	12.50	97.87	Not Required	9.00	Not Required	12.50	Not Required	14.1	97.87
		157	5785		9.00			12.50			9.00		12.50		14.1	
		165	5825		9.00			12.50			9.00		12.50		14.1	
	802.11n-HT20 MCS0	149	5745		9.00	96.96		12.50	96.96		9.00		12.50		14.1	96.96
		157	5785		9.00			12.50			9.00		12.50		14.1	
		165	5825		9.00			12.50			9.00		12.50		14.1	
	802.11n-HT40 MCS0	151	5755		9.00	95.95		12.50	95.95		9.00		12.50		14.1	95.95
		159	5795		9.00			12.50			9.00		12.50		14.1	
	802.11ac-VHT20 MCS0	149	5745		9.00	97.22		12.50	97.22		9.00		12.50		14.1	97.22
		157	5785		9.00			12.50			9.00		12.50		14.1	
		165	5825		9.00			12.50			9.00		12.50		14.1	
	802.11ac-VHT40 MCS0	151	5755		9.00	95.47		12.50	95.47		9.00		12.50		14.1	95.47
		159	5795		9.00			12.50			9.00		12.50		14.1	
	802.11ac-VHT80 MCS0	155	5775	8.68	9.00	92.07	12.12	12.50	92.00		9.00		12.50		14.1	90.19

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.90	23.00	100.00	22.20	23.00	100.00	22.90	23.00	22.20	23.00	25.57	26.0	100.00
		6	2437	22.80	23.00		22.10	23.00		22.80	23.00	22.10	23.00	25.47	26.0	
		11	2462	22.50	23.00		21.70	23.00		22.50	23.00	21.70	23.00	25.13	26.0	
		12	2467	17.80	18.50		18.20	18.50		17.80	18.50	18.20	18.50	21.01	21.5	
		13	2472	13.60	14.00		13.70	14.00		13.60	14.00	13.70	14.00	16.66	17.0	
	802.11g 6Mbps	1	2412	Not Required	18.50	97.64	Not Required	18.50	98.11	Not Required	18.50	Not Required	18.50	Not Required	21.5	98.11
		6	2437		22.00			22.00			22.00		22.00		25.0	
		11	2462		18.00			18.00			18.00		18.00		21.0	
		12	2467		12.50			12.50			12.50		12.50		15.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	
	802.11n-HT20 MCS0	1	2412		18.00	97.73		18.00	97.72		18.00		18.00		21.0	97.96
		6	2437		22.50			22.50			22.50		22.50		25.5	
		11	2462		17.50			17.50			17.50		17.50		20.5	
		12	2467		10.50			10.50			10.50		10.50		13.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	
	802.11ac-VHT20 MCS0	1	2412		18.00	97.98		18.00	97.97		18.00		18.00		21.0	97.97
		6	2437		22.50			22.50			22.50		22.50		25.5	
		11	2462		17.50			17.50			17.50		17.50		20.5	
		12	2467		10.50			10.50			10.50		10.50		13.5	
		13	2472		2.00			-2.00			2.00		-2.00		3.5	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	18.50	98.11	Not Required	18.50	97.88	Not Required	18.50	Not Required	18.50	Not Required	21.5	98.11
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		17.50			17.50			17.50		17.50		20.5	
	802.11n-HT20 MCS0	36	5180		18.50	97.47		18.50	97.97		18.50		18.50		21.5	97.72
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		18.50			18.50			18.50		18.50		21.5	
	802.11n-HT40 MCS0	38	5190	12.00	13.00	95.45	12.70	13.00	95.45	12.00	13.00	12.70	13.00	15.37	16.0	94.95
		46	5230	20.30	21.00		19.90	20.50		20.30	21.00	19.90	20.50	23.11	23.8	
	802.11ac-VHT20 MCS0	36	5180	Not Required	18.50	97.93	Not Required	18.50	97.49	Not Required	18.50	Not Required	18.50	Not Required	21.5	97.98
		40	5200		18.50			18.50			18.50		18.50		21.5	
		44	5220		18.50			18.50			18.50		18.50		21.5	
		48	5240		18.50			18.50			18.50		18.50		21.5	
	802.11ac-VHT40 MCS0	38	5190		13.00	95.48		13.00	95.96		13.00		13.00		16.0	95.48
		46	5230		21.00			20.50			21.00		20.50		23.8	
	802.11ac-VHT80 MCS0	42	5210		12.50	92.06		12.50	92.06		12.50		12.50		15.5	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	17.50	98.11	Not Required	17.50	97.88	Not Required	17.50	Not Required	17.50	Not Required	20.5	98.11
		56	5280		17.50			17.50			17.50		17.50		20.5	
		60	5300		17.50			17.50			17.50		17.50		20.5	
		64	5320		17.50			17.50			17.50		17.50		20.5	
	802.11n-HT20 MCS0	52	5260		18.00	97.47		18.00	97.97		18.00		18.00		21.0	97.72
		56	5280		18.00			18.00			18.00		18.00		21.0	
		60	5300		18.00			18.00			18.00		18.00		21.0	
		64	5320		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT40 MCS0	54	5270	20.30	21.00	95.45	19.90	21.00	95.45	20.30	21.00	19.90	21.00	23.11	24.0	94.95
		62	5310	13.50	13.50		12.50	13.50		13.50	13.50	12.50	13.50	16.04	16.5	
	802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	97.93	Not Required	18.00	97.49	Not Required	18.00	Not Required	18.00	Not Required	21.0	97.98
		56	5280		18.00			18.00			18.00		18.00		21.0	
		60	5300		18.00			18.00			18.00		18.00		21.0	
		64	5320		18.00			18.00			18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	54	5270		21.00	95.48		21.00	95.96		21.00		21.00		24.0	95.48
		62	5310		13.50			13.50			13.50		13.50		16.5	
	802.11ac-VHT80 MCS0	58	5290		12.00	92.06		12.00	92.06		12.00		12.00		15.0	92.00

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	18.00	97.88	Not Required	18.00	97.88	Not Required	18.00	Not Required	18.00	Not Required	21.0	98.11
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT20 MCS0	100	5500		18.00	97.97		18.00	97.97		18.00		18.00		21.0	97.72
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11n-HT40 MCS0	102	5510		16.00	95.45		16.00	95.45		16.00		16.00		19.0	94.95
		110	5550		20.00			21.00			20.00		21.00		23.5	
		126	5630		20.00			21.00			20.00		21.00		23.5	
		134	5670		20.00			21.00			20.00		21.00		23.5	
		142	5710		20.00			20.50			20.00		20.50		23.3	
	802.11ac-VHT20 MCS0	100	5500		18.00	97.49		18.00	97.49		18.00		18.00		21.0	97.98
		116	5580		18.00			18.00			18.00		18.00		21.0	
		124	5620		18.00			18.00			18.00		18.00		21.0	
		132	5660		18.00			18.00			18.00		18.00		21.0	
		140	5700		18.00			18.00			18.00		18.00		21.0	
		144	5720		18.00			18.00			18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	102	5510		16.00	95.96		16.00	95.96		16.00		16.00		19.0	95.48
		110	5550		20.00			21.00			20.00		21.00		23.5	
		126	5630		20.00			21.00			20.00		21.00		23.5	
		134	5670		20.00			20.50			20.00		20.50		23.3	
		142	5710		20.00			20.50			20.00		20.50		23.3	
	802.11ac-VHT80 MCS0	106	5530	12.80	13.00	92.06	12.90	13.00	92.06	12.80	13.00	12.90	13.00	15.86	16.0	92.00
		122	5610	19.90	20.00		20.80	21.00		19.90	20.00	20.80	21.00	23.38	23.5	
		138	5690	19.80	20.00		20.20	20.50		19.80	20.00	20.20	20.50	23.01	23.3	

Transmit Antenna				Ant 4			Ant 3			Ant 4+3(4)		Ant 4+3(3)		Ant 4+3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	21.00	98.11	Not Required	21.00	97.88	Not Required	21.00	Not Required	21.00	Not Required	24.0	98.11
		157	5785		21.00			21.00			21.00		21.00		24.0	
		165	5825		21.00			21.00			21.00		21.00		24.0	
	802.11n-HT20 MCS0	149	5745		21.00	97.47		21.00	97.97		21.00		21.00		24.0	97.72
		157	5785		20.50			20.50			20.50		20.50		23.5	
		165	5825		20.50			20.50			20.50		20.50		23.5	
	802.11n-HT40 MCS0	151	5755		21.00	95.45		21.00	95.45		21.00		21.00		24.0	94.95
		159	5795		21.00			21.00			21.00		21.00		24.0	
	802.11ac-VHT20 MCS0	149	5745		21.00	97.93		21.00	97.49		21.00		21.00		24.0	97.98
		157	5785		20.50			20.50			20.50		20.50		23.5	
		165	5825		20.50			20.50			20.50		20.50		23.5	
	802.11ac-VHT40 MCS0	151	5755		21.00	95.48		21.00	95.96		21.00		21.00		24.0	95.48
		159	5795		21.00			21.00			21.00		21.00		24.0	
	802.11ac-VHT80 MCS0	155	5775	20.40	21.00	92.06	20.10	21.00	92.06	20.40	21.00	20.10	21.00	23.26	24.0	92.00

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	18.30	17.53	17.50
	CH 39	2441	18.00	17.64	17.50
	CH 78	2480	18.03	18.36	18.31
Tune-up Limit			19.5	19.5	19.5

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.10	17.85
	CH 19	2440	17.60	17.67
	CH 39	2480	17.80	17.90
Tune-up Limit			19	19

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.75	11.76	11.62
	CH 39	2441	11.86	11.79	11.71
	CH 78	2480	11.72	11.68	11.74
Tune-up Limit			12	12	12

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	11.70	11.50
	CH 19	2440	11.90	11.80
	CH 39	2480	11.90	11.80
Tune-up Limit			12	12

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	18.30	17.53	17.50
	CH 39	2441	18.00	17.64	17.50
	CH 78	2480	18.03	18.36	18.31
Tune-up Limit			19.5	19.5	19.5

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.10	17.85
	CH 19	2440	17.60	17.67
	CH 39	2480	17.80	17.90
Tune-up Limit			19	19