

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	RMC 12.2Kbps	23.97	23.86	23.96	24.50	23.75	24.02	23.74	24.50	23.92	23.48	23.72	24.50
3GPP Rel 6	HSDPA Subtest-1	23.02	22.92	22.87	23.50	22.85	23.07	22.82	23.50	22.82	22.58	22.70	23.50
3GPP Rel 6	HSDPA Subtest-2	23.00	22.95	22.87	23.50	22.68	23.06	22.83	23.50	22.88	22.67	22.68	23.50
3GPP Rel 6	HSDPA Subtest-3	22.40	22.36	22.28	23.00	22.21	22.50	22.21	23.00	22.20	22.05	22.00	23.00
3GPP Rel 6	HSDPA Subtest-4	22.51	22.43	22.41	23.00	22.24	22.64	22.20	23.00	22.17	21.99	22.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.96	22.84	22.90	23.50	22.68	23.12	22.78	23.50	22.94	22.64	22.82	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.87	22.79	22.90	23.50	22.94	23.13	22.70	23.50	22.88	22.61	22.77	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.43	22.30	22.24	23.00	22.30	22.61	22.13	23.00	22.21	21.99	22.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.58	22.41	22.44	23.00	22.15	22.51	22.16	23.00	22.14	21.86	22.03	23.00
3GPP Rel 6	HSUPA Subtest-1	22.86	22.86	22.75	23.50	22.76	23.06	21.75	23.50	22.76	22.45	22.46	23.50
3GPP Rel 6	HSUPA Subtest-2	20.89	20.90	20.82	21.50	20.82	21.00	21.28	21.50	20.70	20.45	20.41	21.50
3GPP Rel 6	HSUPA Subtest-3	21.95	21.77	21.92	22.50	21.66	21.99	21.69	22.50	21.70	21.31	21.51	22.50
3GPP Rel 6	HSUPA Subtest-4	21.03	20.88	20.86	21.50	20.74	21.10	20.56	21.50	20.66	20.42	20.46	21.50
3GPP Rel 6	HSUPA Subtest-5	22.90	22.85	22.90	23.50	22.64	23.09	22.26	23.50	22.63	22.37	22.56	23.50

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	RMC 12.2Kbps	17.95	17.86	17.92	18.50	18.31	18.57	18.25	19.00	19.32	19.08	19.20	20.00
3GPP Rel 6	HSDPA Subtest-1	16.98	16.86	16.86	17.50	17.27	17.58	17.22	18.00	18.38	18.10	18.23	19.00
3GPP Rel 6	HSDPA Subtest-2	16.93	16.86	16.83	17.50	17.26	17.58	17.23	18.00	18.34	18.11	18.24	19.00
3GPP Rel 6	HSDPA Subtest-3	16.48	16.36	16.33	17.00	16.74	17.08	16.73	17.50	17.68	17.46	17.56	18.50
3GPP Rel 6	HSDPA Subtest-4	16.48	16.36	16.34	17.00	16.75	17.08	16.72	17.50	17.65	17.45	17.54	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.00	16.86	16.83	17.50	17.20	17.54	17.30	18.00	18.34	18.12	18.29	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.96	16.76	16.92	17.50	17.35	17.55	17.29	18.00	18.32	18.01	18.25	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.39	16.28	16.26	17.00	16.72	17.10	16.66	17.50	17.67	17.52	17.62	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.55	16.45	16.44	17.00	16.74	16.99	16.75	17.50	17.72	17.45	17.54	18.50
3GPP Rel 6	HSUPA Subtest-1	16.96	16.85	16.82	17.50	17.22	17.54	16.18	18.00	18.17	17.90	17.97	19.00
3GPP Rel 6	HSUPA Subtest-2	14.99	14.85	14.84	15.50	15.23	15.54	15.75	16.00	16.15	15.89	15.98	17.00
3GPP Rel 6	HSUPA Subtest-3	15.98	15.83	15.85	16.50	16.23	16.54	16.29	17.00	17.12	16.88	16.96	18.00
3GPP Rel 6	HSUPA Subtest-4	14.99	14.86	14.85	15.50	15.23	15.54	15.02	16.00	16.13	15.88	15.98	17.00
3GPP Rel 6	HSUPA Subtest-5	17.00	16.80	16.80	17.50	17.20	17.50	16.80	18.00	18.10	17.90	18.00	19.00

Band 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle 18600	Power High 19000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	0	23.46	23.30	23.20	24	0	
20	QPSK	1	49	23.24	23.33	23.16			
20	QPSK	1	99	23.27	23.17	23.03			
20	QPSK	50	0	22.46	22.45	22.28	23	1	
20	QPSK	50	24	22.50	22.40	22.26			
20	QPSK	50	50	22.36	22.46	22.31			
20	QPSK	100	0	22.50	22.28	22.21	23	1	
20	16QAM	1	0	22.59	22.73	22.43			
20	16QAM	1	49	22.63	22.51	22.49			
20	16QAM	1	99	22.39	22.57	22.28	22	2	
20	64QAM	50	0	21.43	21.46	21.24			
20	64QAM	50	24	21.44	21.46	21.23			
20	64QAM	50	50	21.42	21.38	21.18	22	2	
20	64QAM	100	0	21.41	21.42	21.11			
20	64QAM	1	0	21.53	21.64	21.40			
20	64QAM	1	49	21.57	21.41	21.44	22	2	
20	64QAM	1	99	21.47	21.45	21.27			
20	64QAM	50	0	20.36	20.43	20.19			
20	64QAM	50	24	20.55	20.35	20.25	21	3	
20	64QAM	50	50	20.40	20.40	20.22			
20	64QAM	100	0	20.46	20.26	20.14			
Channel									
Frequency (MHz)				1857.5	18800	1902.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.31	23.27	23.19	24	0	
15	QPSK	1	37	23.21	23.21	23.15			
15	QPSK	1	74	23.10	23.14	22.93			
15	QPSK	36	0	22.34	22.41	22.11	23	1	
15	QPSK	36	20	22.51	22.29	22.11			
15	QPSK	36	39	22.34	22.39	22.26			
15	QPSK	75	0	22.38	22.30	22.25	23	1	
15	16QAM	1	0	22.56	22.60	22.41			
15	16QAM	1	37	22.58	22.62	22.40			
15	16QAM	1	74	22.35	22.47	22.26	22	2	
15	16QAM	36	0	21.32	21.41	21.26			
15	16QAM	36	20	21.40	21.28	21.07			
15	16QAM	36	39	21.43	21.36	21.26	22	2	
15	64QAM	1	0	21.57	21.42	21.23			
15	64QAM	1	37	21.41	21.42	21.34			
15	64QAM	1	74	21.35	21.53	21.30	21	3	
15	64QAM	36	0	20.43	20.24	20.16			
15	64QAM	36	20	20.51	20.45	20.24			
15	64QAM	36	39	20.48	20.51	20.26	21	3	
15	64QAM	75	0	20.42	20.41	20.07			
Channel									
Frequency (MHz)				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.27	23.28	23.27	24	0	
10	QPSK	1	25	23.24	23.33	23.14			
10	QPSK	1	49	23.08	23.24	22.92			
10	QPSK	25	0	22.39	22.19	22.06	23	1	
10	QPSK	25	12	22.47	22.23	22.16			
10	QPSK	25	25	22.47	22.44	22.22			
10	QPSK	50	0	22.60	22.21	22.09	23	1	
10	16QAM	1	0	22.55	22.56	22.42			
10	16QAM	1	25	22.70	22.40	22.43			
10	16QAM	1	49	22.35	22.46	22.34	22	2	
10	16QAM	25	0	21.37	21.46	21.16			
10	16QAM	25	12	21.44	21.43	21.18			
10	16QAM	25	25	21.34	21.43	21.15	22	2	
10	16QAM	50	0	21.36	21.37	21.07			
10	64QAM	1	0	21.82	21.39	21.31			
10	64QAM	1	25	21.34	21.41	21.27	22	2	
10	64QAM	1	49	21.30	21.45	21.46			
10	64QAM	25	0	20.37	20.26	20.30			
10	64QAM	25	12	20.60	20.26	20.08	21	3	
10	64QAM	25	25	20.51	20.45	20.33			
10	64QAM	50	0	20.39	20.29	20.27			
Channel									
Frequency (MHz)				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.34	23.27	23.25	24	0	
5	QPSK	1	12	23.22	23.28	23.06			
5	QPSK	1	24	23.25	23.05	22.92			
5	QPSK	12	0	22.34	22.32	22.10	23	1	
5	QPSK	12	7	22.37	22.36	22.08			
5	QPSK	12	13	22.45	22.38	22.28			
5	QPSK	25	0	22.44	22.30	22.26	23	1	
5	16QAM	1	0	22.62	22.64	22.45			
5	16QAM	1	12	22.53	22.56	22.39			
5	16QAM	1	24	22.48	22.61	22.23	23	1	
5	16QAM	12	0	21.44	21.35	21.17			
5	16QAM	12	7	21.47	21.30	21.26			
5	16QAM	12	13	21.34	21.44	21.26	22	2	
5	16QAM	25	0	21.41	21.18	21.16			
5	64QAM	1	0	21.43	21.44	21.36			
5	64QAM	1	12	21.46	21.36	21.30	22	2	
5	64QAM	1	24	21.48	21.27	21.33			
5	64QAM	12	0	20.42	20.23	20.14			
5	64QAM	12	7	20.57	20.39	20.07	21	3	
5	64QAM	12	13	20.46	20.41	20.19			
5	64QAM	25	0	20.52	20.35	20.22			
Channel									
Frequency (MHz)				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.32	23.28	23.19	24	0	
3	QPSK	1	8	23.32	23.22	23.04			
3	QPSK	1	14	23.05	23.13	23.06			
3	QPSK	8	0	22.39	22.35	22.08	23	1	
3	QPSK	8	4	22.35	22.38	22.13			
3	QPSK	8	7	22.45	22.35	22.16			
3	QPSK	15	0	22.44	22.38	22.09	23	1	
3	16QAM	1	0	22.51	22.71	22.50			
3	16QAM	1	8	22.49	22.56	22.52			
3	16QAM	1	14	22.31	22.57	22.32	23	1	
3	16QAM	8	0	21.33	21.27	21.17			
3	16QAM	8	4	21.52	21.42	21.15			
3	16QAM	8	7	21.44	21.41	21.26	22	2	
3	16QAM	15	0	21.41	21.43	21.17			
3	16QAM	1	0	21.45	21.50	21.19			
3	64QAM	1	8	21.40	21.51	21.41	22	2	
3	64QAM	1	14	21.30	21.51	21.25			
3	64QAM	8	0	20.42	20.38	20.25			
3	64QAM	8	4	20.45	20.26	20.12	21	3	
3	64QAM	8	7	20.43	20.44	20.25			
3	64QAM	15	0	20.38	20.26	20.24			
Channel									
Frequency (MHz)				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.37	23.26	23.29	24	0	
1.4	QPSK	1	3	23.26	23.19	23.16			
1.4	QPSK	1	5	23.19	23.24	23.02			
1.4	QPSK	3	1	23.33	23.18	23.03	23	1	
1.4	QPSK	3	3	23.08	23.09	22.83			
1.4	QPSK	6	0	22.41	22.34	22.02			
1.4	QPSK	3	1	22.36	22.29	22.13	23	1	
1.4	16QAM	1	3	22.45	22.45	22.33			
1.4	16QAM	1	5	22.55	22.21	22.03			
1.4	16QAM	3	0	22.67	22.56	22.49	23	1	
1.4	16QAM	3	1	22.47	22.42	22.24			
1.4	16QAM	3	3	22.38	22.44	22.34			
1.4	64QAM	1	1	21.29	21.30	21.24	22	2	
1.4	64QAM	1	3	21.40	21.32	21.08			
1.4	64QAM	1	5	21.41	21.42	21.28			
1.4	64QAM	1	5	21.48	21.31	21.22	22	2	
1.4	64QAM	3	0	21.56	21.55	21.39			
1.4	64QAM	3	1	21.51	21.32	21.41			
1.4	64QAM	5	0	21.41	21.44	21.33	21	3	
1.4	64QAM	5	9	20.38	20.17	20.09			
1.4	64QAM	5	9	20.38	20.17	20.09			

Band 2_MIMO2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.42	23.68	23.81	24	0	
20	QPSK	1	49	23.41	23.67	23.78			
20	QPSK	1	99	23.32	23.51	23.68			
20	QPSK	50	0	22.39	22.68	22.81	23	1	
20	QPSK	50	24	22.36	22.66	22.76			
20	QPSK	50	50	22.33	22.60	22.74			
20	QPSK	100	0	22.39	22.68	22.75	23	1	
20	16QAM	1	0	22.42	22.64	22.81			
20	16QAM	1	49	22.39	22.60	22.76			
20	16QAM	1	99	22.34	22.63	22.77	22	2	
20	16QAM	50	0	21.32	21.64	21.75			
20	16QAM	50	24	21.36	21.63	21.75			
20	16QAM	50	50	21.38	21.66	21.75	22	2	
20	16QAM	100	0	21.35	21.66	21.76			
20	64QAM	1	0	21.40	21.66	21.78			
20	64QAM	1	49	21.34	21.66	21.78	22	2	
20	64QAM	1	99	21.38	21.64	21.81			
20	64QAM	50	0	20.35	20.64	20.72			
20	64QAM	50	24	20.36	20.60	20.73	21	3	
20	64QAM	50	50	20.41	20.59	20.81			
20	64QAM	100	0	20.41	20.68	20.76			
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	23.40	23.59	23.71	24	0	
15	QPSK	1	37	23.40	23.59	23.73			
15	QPSK	1	74	23.24	23.45	23.60			
15	QPSK	36	0	22.29	22.68	22.80	23	1	
15	QPSK	36	20	22.33	22.59	22.66			
15	QPSK	36	39	22.23	22.53	22.64			
15	QPSK	75	0	22.32	22.58	22.75	23	1	
15	16QAM	1	0	22.42	22.64	22.78			
15	16QAM	1	37	22.31	22.52	22.75			
15	16QAM	1	74	22.24	22.58	22.69	22	2	
15	16QAM	36	0	21.32	21.56	21.73			
15	16QAM	36	20	21.36	21.56	21.74			
15	16QAM	36	39	21.32	21.64	21.70	22	2	
15	16QAM	75	0	21.35	21.60	21.75			
15	64QAM	1	0	21.32	21.61	21.69			
15	64QAM	1	37	21.28	21.61	21.72	22	2	
15	64QAM	1	74	21.28	21.63	21.77			
15	64QAM	36	0	20.27	20.54	20.63			
15	64QAM	36	20	20.28	20.54	20.73	21	3	
15	64QAM	36	39	20.32	20.52	20.76			
15	64QAM	75	0	20.35	20.68	20.69			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	23.38	23.63	23.74	24	0	
10	QPSK	1	25	23.32	23.57	23.68			
10	QPSK	1	49	23.23	23.43	23.62			
10	QPSK	25	0	22.31	22.62	22.72	23	1	
10	QPSK	25	12	22.33	22.56	22.75			
10	QPSK	25	25	22.27	22.52	22.74			
10	QPSK	50	0	22.30	22.67	22.66	23	1	
10	16QAM	1	0	22.38	22.54	22.74			
10	16QAM	1	25	22.34	22.60	22.68			
10	16QAM	25	0	21.23	21.55	21.65	22	2	
10	16QAM	25	12	21.27	21.63	21.67			
10	16QAM	25	25	21.32	21.56	21.68			
10	16QAM	50	0	21.29	21.64	21.72	22	2	
10	64QAM	1	0	21.31	21.63	21.74			
10	64QAM	1	25	21.24	21.64	21.77			
10	64QAM	1	49	21.36	21.54	21.74	22	2	
10	64QAM	25	0	20.30	20.58	20.70			
10	64QAM	25	12	20.30	20.55	20.71			
10	64QAM	25	25	20.35	20.63	20.73	21	3	
10	64QAM	50	0	20.34	20.64	20.73			
Channel				18625	18900	19175			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	23.36	23.61	23.79	24	0	
5	QPSK	1	12	23.34	23.66	23.71			
5	QPSK	1	24	23.31	23.46	23.64			
5	QPSK	12	0	22.29	22.63	22.74	23	1	
5	QPSK	12	7	22.33	22.64	22.72			
5	QPSK	12	13	22.27	22.53	22.74			
5	QPSK	25	0	22.36	22.64	22.67	23	1	
5	16QAM	1	0	22.34	22.56	22.74			
5	16QAM	1	12	22.29	22.51	22.66			
5	16QAM	1	24	22.27	22.58	22.76	22	2	
5	16QAM	12	0	21.24	21.57	21.66			
5	16QAM	12	7	21.33	21.62	21.75			
5	16QAM	12	13	21.37	21.59	21.68	22	2	
5	16QAM	25	0	21.27	21.57	21.73			
5	64QAM	1	0	21.35	21.59	21.77			
5	64QAM	1	12	21.26	21.56	21.71	22	2	
5	64QAM	1	24	21.31	21.64	21.80			
5	64QAM	12	0	20.25	20.57	20.68			
5	64QAM	12	7	20.27	20.50	20.63	21	3	
5	64QAM	12	13	20.33	20.59	20.81			
5	64QAM	25	0	20.40	20.68	20.72			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	23.36	23.60	23.72	24	0	
3	QPSK	1	8	23.36	23.58	23.73			
3	QPSK	1	14	23.26	23.41	23.60			
3	QPSK	8	0	22.32	22.63	22.80	23	1	
3	QPSK	8	4	22.35	22.56	22.67			
3	QPSK	8	7	22.30	22.51	22.68			
3	QPSK	15	0	22.38	22.59	22.72	23	1	
3	16QAM	1	0	22.37	22.54	22.81			
3	16QAM	1	8	22.36	22.54	22.75			
3	16QAM	1	14	22.34	22.61	22.69	22	2	
3	16QAM	8	0	21.27	21.57	21.73			
3	16QAM	8	4	21.34	21.57	21.74			
3	16QAM	8	7	21.28	21.59	21.68	22	2	
3	16QAM	15	0	21.33	21.62	21.72			
3	64QAM	1	0	21.30	21.57	21.71			
3	64QAM	1	8	21.24	21.61	21.71	22	2	
3	64QAM	1	14	21.34	21.63	21.78			
3	64QAM	8	0	20.33	20.55	20.63			
3	64QAM	8	4	20.27	20.52	20.72	21	3	
3	64QAM	8	7	20.40	20.49	20.74			
3	64QAM	15	0	20.40	20.67	20.67			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	23.35	23.63	23.72	24	0	
1.4	QPSK	1	3	23.35	23.63	23.76			
1.4	QPSK	1	5	23.31	23.50	23.61			
1.4	QPSK	3	0	23.34	23.57	23.70	23	1	
1.4	QPSK	3	1	23.25	23.63	23.76			
1.4	QPSK	3	3	23.21	23.45	23.58			
1.4	QPSK	3	3	22.85	22.66	22.69	23	1	
1.4	16QAM	1	0	22.37	22.52	22.73			
1.4	16QAM	1	3	22.29	22.53	22.75			
1.4	16QAM	1	5	22.26	22.59	22.77	23	1	
1.4	16QAM	3	0	22.30	22.54	22.69			
1.4	16QAM	3	1	22.20	22.53	22.65			
1.4	16QAM	3	3	22.24	22.55	22.71	22	2	
1.4	16QAM	3	1	21.32	21.54	21.73			
1.4	64QAM	1	0	21.31	21.64	21.69			
1.4	64QAM	1	3	21.26	21.66	21.77	22	2	
1.4	64QAM	1	5	21.37	21.54	21.73			
1.4	64QAM	3	0	21.27	21.57	21.63			
1.4	64QAM	3	1	21.19	21.66	21.76	22	2	
1.4	64QAM	3	3	21.27	21.54	21.73			
1.4	64QAM	5	0	20.40	20.63	20.76			

Band 4									
BW [MHz]	Modulation n	RB Size	RB Offset	Power Low 2050	Power Middle 20175	Power High 20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.62	23.53	23.57	24	0	
20	QPSK	1	49	23.34	23.49	23.18			
20	QPSK	1	99	23.56	23.20	23.13	23	1	
20	QPSK	50	0	22.72	22.58	22.64			
20	QPSK	50	24	22.54	22.46	22.51	23	1	
20	QPSK	50	50	22.61	22.35	22.34			
20	QPSK	100	0	22.68	22.68	22.48	23	1	
20	16QAM	1	0	22.77	22.76	22.86			
20	16QAM	1	49	22.89	22.77	22.68	22	2	
20	16QAM	1	99	22.86	22.49	22.45			
20	16QAM	50	0	21.67	21.53	21.60	22	2	
20	16QAM	50	24	21.67	21.51	21.40			
20	16QAM	50	50	21.62	21.45	21.24	22	2	
20	16QAM	100	0	21.69	21.51	21.53			
20	64QAM	1	0	21.63	21.67	21.70	22	2	
20	64QAM	1	49	21.60	21.68	21.39			
20	64QAM	1	99	21.65	21.50	21.30	21	3	
20	64QAM	50	0	20.59	20.68	20.57			
20	64QAM	50	24	20.56	20.60	20.39	21	3	
20	64QAM	50	50	20.56	20.41	20.22			
20	64QAM	100	0	20.75	20.59	20.42			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.46	23.47	23.43	24	0	
15	QPSK	1	37	23.29	23.28	23.15			
15	QPSK	1	74	23.45	23.09	23.04	23	1	
15	QPSK	36	0	22.54	22.50	22.65			
15	QPSK	36	20	22.56	22.55	22.48	23	1	
15	QPSK	36	39	22.64	22.26	22.16			
15	QPSK	75	0	22.62	22.63	22.34	23	1	
15	16QAM	1	0	22.75	22.75	22.84			
15	16QAM	1	37	22.75	22.67	22.45	22	2	
15	16QAM	1	74	22.86	22.47	22.39			
15	16QAM	36	0	21.64	21.51	21.69	22	2	
15	16QAM	36	20	21.60	21.57	21.44			
15	16QAM	36	39	21.61	21.53	21.15	22	2	
15	16QAM	75	0	21.54	21.40	21.36			
15	64QAM	1	0	21.78	21.66	21.81	22	2	
15	64QAM	1	37	21.54	21.56	21.36			
15	64QAM	1	74	21.71	21.47	21.37	21	3	
15	64QAM	36	0	20.96	20.71	20.58			
15	64QAM	36	20	20.63	20.53	20.49	21	3	
15	64QAM	36	39	20.59	20.55	20.17			
15	64QAM	75	0	20.57	20.48	20.36			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.34	23.36	23.61	24	0	
10	QPSK	1	25	23.22	23.39	23.18			
10	QPSK	1	49	23.43	23.04	22.97	23	1	
10	QPSK	25	0	22.60	22.48	22.52			
10	QPSK	25	12	22.45	22.46	22.45	23	1	
10	QPSK	25	25	22.48	22.34	22.18			
10	QPSK	50	0	22.63	22.47	22.38	23	1	
10	16QAM	1	0	22.75	22.84	22.74			
10	16QAM	1	25	22.65	22.84	22.50	22	2	
10	16QAM	1	49	22.77	22.43	22.46			
10	16QAM	25	0	21.58	21.63	21.66	22	2	
10	16QAM	25	12	21.52	21.47	21.48			
10	16QAM	25	25	21.62	21.49	21.20	22	2	
10	16QAM	50	0	21.56	21.45	21.37			
10	64QAM	1	0	21.70	21.48	21.74	22	2	
10	64QAM	1	25	21.57	21.57	21.30			
10	64QAM	1	49	21.63	21.40	21.27	21	3	
10	64QAM	25	0	20.44	20.56	20.54			
10	64QAM	25	12	20.73	20.54	20.38	21	3	
10	64QAM	25	25	20.55	20.53	20.31			
10	64QAM	50	0	20.55	20.54	20.56			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.54	23.36	23.48	24	0	
5	QPSK	1	12	23.34	23.35	23.06			
5	QPSK	1	24	23.35	23.11	22.95	23	1	
5	QPSK	12	0	22.67	22.52	22.44			
5	QPSK	12	7	22.60	22.56	22.44	23	1	
5	QPSK	12	13	22.58	22.47	22.19			
5	QPSK	25	0	22.54	22.59	22.35	23	1	
5	16QAM	1	0	22.77	22.75	22.65			
5	16QAM	1	12	22.67	22.66	22.54	22	2	
5	16QAM	1	24	22.68	22.40	22.42			
5	16QAM	12	0	21.61	21.73	21.57	22	2	
5	16QAM	12	7	21.56	21.51	21.56			
5	16QAM	12	13	21.64	21.44	21.34	22	2	
5	16QAM	25	0	21.50	21.37	21.39			
5	64QAM	1	0	21.66	21.46	21.73	22	2	
5	64QAM	1	12	21.60	21.51	21.33			
5	64QAM	1	24	21.57	21.27	21.29	21	3	
5	64QAM	12	0	20.73	20.56	20.62			
5	64QAM	12	7	20.54	20.64	20.44	21	3	
5	64QAM	12	13	20.59	20.46	20.29			
5	64QAM	25	0	20.61	20.68	20.30			
Channel				19955	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.43	23.46	23.58	24	0	
3	QPSK	1	8	23.33	23.42	23.09			
3	QPSK	1	14	23.45	23.17	23.04	23	1	
3	QPSK	8	0	22.56	22.50	22.56			
3	QPSK	8	4	22.48	22.50	22.36	23	1	
3	QPSK	8	7	22.55	22.45	22.28			
3	QPSK	15	0	22.64	22.44	22.31	23	1	
3	16QAM	1	0	22.81	22.68	22.70			
3	16QAM	1	8	22.73	22.81	22.45	23	1	
3	16QAM	1	14	22.86	22.51	22.34			
3	16QAM	8	0	21.63	21.68	21.62	22	2	
3	16QAM	8	4	21.66	21.45	21.49			
3	16QAM	8	7	21.52	21.47	21.11	22	2	
3	16QAM	15	0	21.58	21.47	21.46			
3	64QAM	1	0	21.69	21.50	21.69	22	2	
3	64QAM	1	8	21.62	21.49	21.44			
3	64QAM	1	14	21.59	21.38	21.33	21	3	
3	64QAM	8	0	20.54	20.56	20.65			
3	64QAM	8	4	20.56	20.63	20.39	21	3	
3	64QAM	8	7	20.42	20.42	20.34			
3	64QAM	15	0	20.64	20.57	20.45			
Channel				19957	20175	20380	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.56	23.49	23.59	24	0	
1.4	QPSK	1	3	23.42	23.27	23.13			
1.4	QPSK	1	5	23.48	23.15	23.01	23	1	
1.4	QPSK	3	1	23.35	23.43	23.37			
1.4	QPSK	3	3	23.35	23.02	22.96	23	1	
1.4	QPSK	6	0	22.56	22.59	22.29			
1.4	16QAM	1	0	22.65	22.48	22.34	23	1	
1.4	16QAM	1	3	22.49	22.31	22.15			
1.4	16QAM	1	5	22.48	22.50	22.28	23	1	
1.4	16QAM	3	0	22.75	22.86	22.68			
1.4	16QAM	3	1	22.56	22.71	22.52	22	2	
1.4	16QAM	3	3	22.77	22.41	22.29			
1.4	16QAM	3	5	21.61	21.55	21.64	21	2	
1.4	16QAM	3	7	21.74	21.48	21.55			
1.4	16QAM	1	3	21.50	21.45	21.32	22	2	
1.4	64QAM	3	0	21.69	21.59	21.76			
1.4	64QAM	3	1	21.59	21.52	21.42	21	3	
1.4	64QAM	3	3	21.69	21.39	21.21			

Band 5									
PRB [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	24.5	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.76	23.53	23.62	23.5	1	
10	QPSK	1	25	23.51	23.51	23.53			
10	QPSK	1	49	23.65	23.50	23.34			
10	QPSK	25	0	22.60	22.67	22.60	23.5	1	
10	QPSK	25	12	22.79	22.75	22.60			
10	QPSK	25	25	22.71	22.81	22.74			
10	QPSK	50	0	22.73	22.69	22.63	23.5	1	
10	16QAM	1	0	22.97	23.06	23.00			
10	16QAM	1	25	22.90	22.99	22.93			
10	16QAM	1	49	23.06	22.99	22.75	22.5	2	
10	16QAM	25	0	21.64	21.61	21.66			
10	16QAM	25	12	21.85	21.61	21.70			
10	16QAM	25	25	21.68	21.59	21.68	22.5	2	
10	16QAM	50	0	21.74	21.55	21.70			
10	64QAM	1	0	21.88	21.85	21.77			
10	64QAM	1	25	21.90	21.96	21.83	22.5	2	
10	64QAM	1	49	21.77	21.74	21.75			
10	64QAM	25	0	20.79	20.69	20.68	21.5	3	
10	64QAM	25	12	20.91	20.72	20.81			
10	64QAM	25	25	20.80	20.76	20.68			
10	64QAM	50	0	20.70	20.70	20.75	Tune-up limit (dBm)	MPR (dB)	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	24.5	0	
5	QPSK	1	0	23.73	23.43	23.56			
5	QPSK	1	12	23.45	23.49	23.44	23.5	1	
5	QPSK	1	24	23.63	23.41	23.32			
5	QPSK	12	0	22.60	22.57	22.55			
5	QPSK	12	7	22.76	22.66	22.50	22.5	2	
5	QPSK	12	13	22.81	22.81	22.69			
5	QPSK	25	0	22.67	22.68	22.56			
5	16QAM	1	0	22.91	23.06	22.99	23.5	1	
5	16QAM	1	12	22.94	22.92	22.79			
5	16QAM	1	24	23.05	22.92	22.71			
5	16QAM	12	0	21.55	21.80	21.60	22.5	2	
5	16QAM	12	7	21.76	21.52	21.68			
5	16QAM	12	13	21.67	21.50	21.63			
5	16QAM	25	0	21.69	21.48	21.70	22.5	2	
5	64QAM	1	0	21.79	21.77	21.74			
5	64QAM	1	12	21.86	21.86	21.75			
5	64QAM	1	24	21.70	21.71	21.72	21.5	3	
5	64QAM	12	0	20.79	20.62	20.67			
5	64QAM	12	7	20.84	20.63	20.59			
5	64QAM	12	13	20.76	20.76	20.68	Tune-up limit (dBm)	MPR (dB)	
5	64QAM	25	0	20.65	20.61	20.69			
Channel				20415	20525	20635	24.5	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.55	23.63	23.47	23.5	1	
3	QPSK	1	8	23.50	23.46	23.42			
3	QPSK	1	14	23.58	23.40	23.41			
3	QPSK	8	0	22.66	22.55	22.57	23.5	1	
3	QPSK	8	4	22.70	22.70	22.54			
3	QPSK	8	7	22.74	22.60	22.57			
3	QPSK	15	0	22.56	22.66	22.51	23.5	1	
3	16QAM	1	0	22.95	22.98	23.00			
3	16QAM	1	8	23.02	22.90	22.79			
3	16QAM	1	14	22.79	22.81	22.89	22.5	2	
3	16QAM	8	0	21.69	21.62	21.53			
3	16QAM	8	4	21.81	21.99	21.49			
3	16QAM	8	7	21.64	21.66	21.56	22.5	2	
3	16QAM	15	0	21.64	21.61	21.54			
3	64QAM	1	0	21.80	21.88	21.74			
3	64QAM	1	8	21.70	21.90	21.72	22.5	2	
3	64QAM	1	14	21.90	21.68	21.71			
3	64QAM	8	0	20.56	20.74	20.82			
3	64QAM	8	4	20.66	20.61	20.56	21.5	3	
3	64QAM	8	7	20.70	20.66	20.69			
3	64QAM	15	0	20.76	20.59	20.59			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.60	23.58	23.52	24.5	0	
1.4	QPSK	1	3	23.54	23.52	23.52			
1.4	QPSK	1	5	23.47	23.52	23.28			
1.4	QPSK	3	0	23.50	23.64	23.58	23.5	1	
1.4	QPSK	3	1	23.44	23.40	23.46			
1.4	QPSK	3	3	23.35	23.36	23.27			
1.4	QPSK	6	0	22.62	22.54	22.60	23.5	1	
1.4	16QAM	1	0	22.75	22.60	22.53			
1.4	16QAM	1	3	22.68	22.52	22.65			
1.4	16QAM	1	5	22.74	22.71	22.69	22.5	2	
1.4	16QAM	3	0	22.98	22.98	22.82			
1.4	16QAM	3	1	22.95	22.99	22.92			
1.4	16QAM	3	3	22.93	22.81	22.93	22.5	2	
1.4	16QAM	6	0	21.55	21.53	21.61			
1.4	64QAM	1	0	21.77	21.55	21.47			
1.4	64QAM	1	3	21.71	21.64	21.62	22.5	2	
1.4	64QAM	1	5	21.78	21.53	21.50			
1.4	64QAM	3	0	21.80	21.83	21.79			
1.4	64QAM	3	1	21.85	21.84	21.87	21.5	3	
1.4	64QAM	3	3	21.72	21.63	21.67			
1.4	64QAM	6	0	20.77	20.68	20.52			

Band 7									
PRW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.58	23.46	23.37	23	1	
20	QPSK	1	48	23.50	23.39	23.27			
20	QPSK	1	96	23.48	23.42	23.30			
20	QPSK	50	0	22.81	22.80	22.67	23	1	
20	QPSK	50	24	22.71	22.74	22.65			
20	QPSK	50	50	22.67	22.68	22.60			
20	QPSK	100	0	22.89	22.79	22.77	23	1	
20	16QAM	1	0	22.81	22.85	22.74			
20	16QAM	1	48	23.00	22.96	22.68			
20	16QAM	1	96	22.85	22.99	22.74	22	2	
20	16QAM	50	0	21.69	21.74	21.74			
20	16QAM	50	24	21.80	21.82	21.72			
20	16QAM	50	50	21.79	21.69	21.61	22	2	
20	16QAM	100	0	21.76	21.84	21.68			
20	64QAM	1	0	21.74	21.77	21.72			
20	64QAM	1	48	21.72	21.72	21.73	21	3	
20	64QAM	1	96	21.98	21.84	21.83			
20	64QAM	50	0	20.81	20.76	20.74			
20	64QAM	50	24	20.83	20.78	20.67	21	3	
20	64QAM	50	50	20.81	20.85	20.83			
20	64QAM	100	0	20.91	20.74	20.61			
Channel				20825	21100	21375	24	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.43	23.41	23.29	24	0	
15	QPSK	1	37	23.46	23.63	23.14			
15	QPSK	1	74	23.47	23.44	23.20			
15	QPSK	36	0	22.72	22.69	22.74	23	1	
15	QPSK	36	20	22.74	22.70	22.46			
15	QPSK	36	39	22.63	22.54	22.58			
15	QPSK	75	0	22.71	22.60	22.63	23	1	
15	16QAM	1	0	22.98	22.83	22.75			
15	16QAM	1	37	22.97	22.78	22.74			
15	16QAM	1	74	22.85	22.77	22.61	22	2	
15	16QAM	36	0	21.70	21.89	21.64			
15	16QAM	36	20	21.83	21.81	21.60			
15	16QAM	36	39	21.71	21.60	21.73	21	3	
15	16QAM	75	0	21.86	21.76	21.54			
15	64QAM	1	0	21.69	21.86	21.63			
15	64QAM	1	37	21.75	21.87	21.75	22	2	
15	64QAM	1	74	21.83	21.77	21.71			
15	64QAM	36	0	20.70	20.77	20.61			
15	64QAM	36	20	20.70	20.72	20.75	21	3	
15	64QAM	36	39	20.90	20.86	20.60			
15	64QAM	75	0	20.76	20.76	20.55			
Channel				20800	21100	21400	24	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.46	23.40	23.43	24	0	
10	QPSK	1	25	23.40	23.31	23.31			
10	QPSK	1	49	23.49	23.42	23.10			
10	QPSK	25	0	22.68	22.68	22.58	23	1	
10	QPSK	25	12	22.48	22.68	22.54			
10	QPSK	25	25	22.60	22.65	22.54			
10	QPSK	50	0	22.64	22.68	22.69	23	1	
10	16QAM	1	0	22.90	22.90	22.66			
10	16QAM	1	25	22.94	22.81	22.68			
10	16QAM	1	49	22.81	23.00	22.68	22	2	
10	16QAM	25	0	21.65	21.69	21.73			
10	16QAM	25	12	21.83	21.72	21.84			
10	16QAM	25	25	21.73	21.63	21.62	22	2	
10	16QAM	50	0	21.83	21.67	21.68			
10	64QAM	1	0	21.81	21.79	21.54			
10	64QAM	1	25	21.73	21.77	21.51	22	2	
10	64QAM	1	49	21.96	21.80	21.80			
10	64QAM	25	0	20.77	20.76	20.70			
10	64QAM	25	12	20.90	20.61	20.70	21	3	
10	64QAM	25	25	20.94	20.75	20.59			
10	64QAM	50	0	20.76	20.76	20.60			
Channel				20775	21100	21425	24	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.54	23.46	23.29	24	0	
5	QPSK	1	12	23.47	23.40	23.35			
5	QPSK	1	24	23.50	23.43	23.22			
5	QPSK	12	0	22.68	22.60	22.55	23	1	
5	QPSK	12	7	22.55	22.59	22.63			
5	QPSK	12	13	22.78	22.55	22.51			
5	QPSK	25	0	22.72	22.69	22.57	23	1	
5	16QAM	1	0	22.90	22.77	22.77			
5	16QAM	1	12	22.90	22.98	22.85			
5	16QAM	1	24	22.92	22.95	22.81	22	2	
5	16QAM	12	0	21.75	21.65	21.72			
5	16QAM	12	7	21.63	21.75	21.70			
5	16QAM	12	13	21.78	21.69	21.59	22	2	
5	16QAM	25	0	21.92	21.63	21.69			
5	64QAM	1	0	21.80	21.83	21.70			
5	64QAM	1	12	21.80	21.69	21.63	22	2	
5	64QAM	1	24	21.97	21.80	21.61			
5	64QAM	12	0	20.80	20.79	20.59			
5	64QAM	12	7	20.94	20.79	20.69	21	3	
5	64QAM	12	13	20.85	20.80	20.76			
5	64QAM	25	0	20.74	20.60	20.57			

Band 7_MIMO2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.86	23.46	23.15	23	1	
20	QPSK	1	48	23.83	23.46	23.13			
20	QPSK	1	96	23.77	23.45	23.11			
20	QPSK	50	0	22.83	22.47	22.28	23	1	
20	QPSK	50	24	22.82	22.43	22.14			
20	QPSK	50	50	22.82	22.26	22.10			
20	QPSK	100	0	22.84	22.44	22.11	23	1	
20	16QAM	1	0	22.79	22.43	22.08			
20	16QAM	1	48	22.78	22.42	22.15			
20	16QAM	1	96	22.82	22.47	22.12	22	2	
20	16QAM	50	0	21.77	21.45	21.15			
20	16QAM	50	24	21.82	21.39	21.07			
20	16QAM	50	50	21.84	21.39	21.06	22	2	
20	16QAM	100	0	21.77	21.40	21.10			
20	64QAM	1	0	21.83	21.42	21.08			
20	64QAM	1	48	21.85	21.44	21.13	21	3	
20	64QAM	1	96	21.76	21.46	21.15			
20	64QAM	50	0	20.85	20.47	20.13			
20	64QAM	50	24	20.80	20.40	20.07	21	3	
20	64QAM	50	50	20.83	20.42	20.07			
20	64QAM	100	0	20.86	20.43	20.09			
Channel				20825	21100	21375	24	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.85	23.46	23.10	23	1	
15	QPSK	1	37	23.75	23.39	23.07			
15	QPSK	1	74	23.68	23.41	23.10			
15	QPSK	36	0	22.83	22.45	22.28	23	1	
15	QPSK	36	20	22.81	22.42	22.09			
15	QPSK	36	39	22.79	22.21	22.07			
15	QPSK	75	0	22.74	22.37	22.07	23	1	
15	16QAM	1	0	22.77	22.40	22.02			
15	16QAM	1	37	22.76	22.39	22.09			
15	16QAM	1	74	22.78	22.44	22.07	22	2	
15	16QAM	36	0	21.67	21.41	21.14			
15	16QAM	36	20	21.74	21.35	21.07			
15	16QAM	36	39	21.76	21.32	21.06	22	2	
15	16QAM	75	0	21.71	21.38	21.10			
15	64QAM	1	0	21.80	21.38	21.03			
15	64QAM	1	37	21.83	21.35	21.08	21	3	
15	64QAM	1	74	21.70	21.40	21.13			
15	64QAM	36	0	20.79	20.47	20.08			
15	64QAM	36	20	20.80	20.34	20.00	21	3	
15	64QAM	36	39	20.78	20.39	20.02			
15	64QAM	75	0	20.78	20.39	20.04			
Channel				20800	21100	21400	24	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.77	23.44	23.14	23	1	
10	QPSK	1	25	23.75	23.45	23.11			
10	QPSK	1	49	23.70	23.35	23.01			
10	QPSK	25	0	22.78	22.45	22.28	23	1	
10	QPSK	25	12	22.76	22.39	22.13			
10	QPSK	25	25	22.77	22.24	22.03			
10	QPSK	50	0	22.76	22.40	22.10	23	1	
10	16QAM	1	0	22.73	22.37	22.02			
10	16QAM	1	25	22.73	22.37	22.08			
10	16QAM	1	49	22.72	22.41	22.06	22	2	
10	16QAM	25	0	21.67	21.36	21.06			
10	16QAM	25	12	21.81	21.34	21.03			
10	16QAM	25	25	21.76	21.39	21.05	22	2	
10	16QAM	50	0	21.71	21.35	21.07			
10	64QAM	1	0	21.80	21.42	21.05			
10	64QAM	1	25	21.85	21.38	21.10	21	3	
10	64QAM	1	49	21.66	21.39	21.05			
10	64QAM	25	0	20.75	20.47	20.04			
10	64QAM	25	12	20.75	20.31	19.99	21	3	
10	64QAM	25	25	20.76	20.41	20.09			
10	64QAM	50	0	20.85	20.39	20.08			
Channel				20775	21100	21425	24	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.76	23.44	23.06	23	1	
5	QPSK	1	12	23.82	23.44	23.13			
5	QPSK	1	24	23.69	23.35	23.06			
5	QPSK	12	0	22.80	22.46	22.21	23	1	
5	QPSK	12	7	22.75	22.33	22.09			
5	QPSK	12	13	22.74	22.20	22.07			
5	QPSK	25	0	22.81	22.42	22.05	23	1	
5	16QAM	1	0	22.70	22.38	22.07			
5	16QAM	1	12	22.75	22.42	22.05			
5	16QAM	1	24	22.80	22.46	22.05	22	2	
5	16QAM	12	0	21.69	21.39	21.13			
5	16QAM	12	7	21.74	21.33	21.06			
5	16QAM	12	13	21.79	21.36	21.05	21	3	
5	16QAM	25	0	21.76	21.32	21.00			
5	64QAM	1	0	21.82	21.32	20.98			
5	64QAM	1	12	21.80	21.35	21.04	22	2	
5	64QAM	1	24	21.73	21.43	21.10			
5	64QAM	12	0	20.81	20.43	20.10			
5	64QAM	12	7	20.75	20.30	20.04	21	3	
5	64QAM	12	13	20.75	20.38	20.04			
5	64QAM	25	0	20.80	20.36	19.99			

Band 12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.33	23.30	23.29	24.5	0	
10	QPSK	1	25	23.29	23.24	23.26			
10	QPSK	1	49	23.19	23.29	23.29	23.5	1	
10	QPSK	25	0	22.45	22.39	22.36			
10	QPSK	25	12	22.50	22.36	22.47	23.5	1	
10	QPSK	25	25	22.45	22.34	22.82			
10	QPSK	50	0	22.50	22.49	22.47	23.5	1	
10	16QAM	1	0	22.71	22.72	22.59			
10	16QAM	1	25	22.69	22.66	22.74	22.5	2	
10	16QAM	1	49	22.76	22.84	22.81			
10	16QAM	25	0	21.43	21.42	21.39	22.5	2	
10	16QAM	25	12	21.50	21.50	21.49			
10	16QAM	25	25	21.45	21.48	21.61	22.5	2	
10	16QAM	50	0	21.50	21.48	21.45			
10	64QAM	1	0	21.57	21.50	21.44	21.5	3	
10	64QAM	1	25	21.63	21.60	21.60			
10	64QAM	1	49	21.69	21.74	21.77	21.5	3	
10	64QAM	25	0	20.47	20.45	20.41			
10	64QAM	25	12	20.55	20.51	20.51	21.5	3	
10	64QAM	25	25	20.50	20.57	20.63			
10	64QAM	50	0	20.53	20.54	20.46	21.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5	24.5	0	
5	QPSK	1	0	23.28	23.22	23.12		23.5	
5	QPSK	1	12	23.29	23.15	23.23	23.5	1	
5	QPSK	1	24	23.09	23.23	23.27			
5	QPSK	12	0	22.39	22.31	22.31	22.5	2	
5	QPSK	12	7	22.40	22.32	22.42			
5	QPSK	12	13	22.35	22.31	22.57	22.5	2	
5	QPSK	25	0	22.49	22.47	22.40			
5	16QAM	1	0	22.68	22.70	22.50	22.5	2	
5	16QAM	1	12	22.60	22.56	22.67			
5	16QAM	1	24	22.72	22.82	22.79	22.5	2	
5	16QAM	12	0	21.37	21.36	21.36			
5	16QAM	12	7	21.44	21.41	21.48	21.5	3	
5	16QAM	12	13	21.37	21.44	21.56			
5	16QAM	25	0	21.49	21.40	21.36	21.5	3	
5	64QAM	1	0	21.57	21.42	21.41			
5	64QAM	1	12	21.63	21.59	21.57	21.5	3	
5	64QAM	1	24	21.61	21.74	21.67			
5	64QAM	12	0	20.38	20.36	20.34	21.5	3	
5	64QAM	12	7	20.49	20.47	20.47			
5	64QAM	12	13	20.49	20.53	20.61	21.5	3	
5	64QAM	25	0	20.43	20.46	20.45			
Channel				23025	23095	23165	24.5	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.29	23.22	23.18	24.5	0	
3	QPSK	1	8	23.26	23.20	23.17			
3	QPSK	1	14	23.10	23.20	23.22	23.5	1	
3	QPSK	8	0	22.40	22.37	22.31			
3	QPSK	8	4	22.42	22.27	22.41	23.5	1	
3	QPSK	8	7	22.39	22.30	22.57			
3	QPSK	15	0	22.41	22.40	22.46	23.5	1	
3	16QAM	1	0	22.67	22.72	22.50			
3	16QAM	1	8	22.69	22.58	22.65	22.5	2	
3	16QAM	1	14	22.75	22.83	22.77			
3	16QAM	8	0	21.36	21.38	21.36	22.5	2	
3	16QAM	8	4	21.49	21.47	21.40			
3	16QAM	8	7	21.43	21.46	21.52	22.5	2	
3	16QAM	15	0	21.41	21.44	21.39			
3	64QAM	1	0	21.49	21.50	21.38	22.5	2	
3	64QAM	1	8	21.55	21.60	21.53			
3	64QAM	1	14	21.59	21.66	21.76	21.5	3	
3	64QAM	8	0	20.46	20.44	20.34			
3	64QAM	8	4	20.53	20.51	20.46	21.5	3	
3	64QAM	8	7	20.48	20.53	20.59			
3	64QAM	15	0	20.44	20.46	20.46	21.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3	24.5	0	
1.4	QPSK	1	0	23.30	23.27	23.17		24.5	
1.4	QPSK	1	3	23.22	23.19	23.25	23.5	1	
1.4	QPSK	1	5	23.18	23.24	23.28			
1.4	QPSK	3	0	23.26	23.20	23.12	23.5	1	
1.4	QPSK	3	1	23.22	23.12	23.20			
1.4	QPSK	3	3	23.15	23.17	23.19	22.5	2	
1.4	QPSK	6	0	22.43	22.38	22.30			
1.4	16QAM	1	0	22.40	22.31	22.38	22.5	2	
1.4	16QAM	1	3	22.41	22.28	22.61			
1.4	16QAM	1	5	22.41	22.45	22.42	22.5	2	
1.4	16QAM	3	0	22.62	22.72	22.50			
1.4	16QAM	3	1	22.61	22.57	22.65	22.5	2	
1.4	16QAM	3	3	22.74	22.81	22.81			
1.4	16QAM	6	0	21.36	21.36	21.36	22.5	2	
1.4	64QAM	1	0	21.40	21.47	21.43			
1.4	64QAM	1	3	21.35	21.39	21.56	22.5	2	
1.4	64QAM	1	5	21.45	21.43	21.40			
1.4	64QAM	3	0	21.56	21.43	21.41	21.5	3	
1.4	64QAM	3	1	21.55	21.53	21.60			
1.4	64QAM	3	3	21.60	21.70	21.75	21.5	3	
1.4	64QAM	6	0	20.51	20.45	20.41			

Band 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Freq. Ch. / Freq.	Power High Freq. Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230			24.5	0
Frequency (MHz)				762				
10	QPSK	1	0		23.31		24.5	0
10	QPSK	1	25		23.16			
10	QPSK	1	49		23.20			
10	QPSK	25	0		22.40		23.5	1
10	QPSK	25	12		22.30			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.39		23.5	1
10	16QAM	1	0		22.59			
10	16QAM	1	25		22.60			
10	16QAM	1	49		22.53		22.5	2
10	16QAM	25	0		21.50			
10	16QAM	25	12		21.37			
10	16QAM	25	25		21.38		22.5	2
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.37			
10	64QAM	1	25		21.50		21.5	3
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.36			
10	64QAM	25	12		20.42		21.5	3
10	64QAM	25	25		20.38			
10	64QAM	50	0		20.47			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.27	23.29	23.17	23.5	1
5	QPSK	1	12	23.13	23.01	23.08		
5	QPSK	1	24	23.16	23.13	23.21		
5	QPSK	12	0	22.26	22.25	22.30	22.5	2
5	QPSK	12	7	22.25	22.21	22.19		
5	QPSK	12	13	22.27	22.41	22.22		
5	QPSK	25	0	22.39	22.40	22.18	21.5	3
5	16QAM	1	0	22.65	22.53	22.63		
5	16QAM	1	12	22.67	22.54	22.53		
5	16QAM	1	24	22.57	22.56	22.41	22.5	2
5	16QAM	12	0	21.46	21.45	21.30		
5	16QAM	12	7	21.32	21.23	21.45		
5	16QAM	12	13	21.30	21.35	21.39	21.5	3
5	16QAM	25	0	21.41	21.49	21.31		
5	64QAM	1	0	21.42	21.32	21.33		
5	64QAM	1	12	21.44	21.50	21.43	21.5	3
5	64QAM	1	24	21.41	21.52	21.42		
5	64QAM	12	0	20.32	20.30	20.30		
5	64QAM	12	7	20.38	20.38	20.37	21.5	3
5	64QAM	12	13	20.40	20.25	20.48		
5	64QAM	25	0	20.21	20.36	20.28		

Band 14									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23330					
Frequency (MHz)				793					
10	QPSK	1	0		23.42		24.5	0	
10	QPSK	1	25		23.23				
10	QPSK	1	49		23.28				
10	QPSK	25	0		22.47		23.5	1	
10	QPSK	25	12		22.40				
10	QPSK	25	25		22.33				
10	QPSK	50	0		22.37		23.5	1	
10	16QAM	1	0		22.81				
10	16QAM	1	25		22.84				
10	16QAM	1	49		22.85		22.5	2	
10	16QAM	25	0		21.32				
10	16QAM	25	12		21.45				
10	16QAM	25	25		21.41		22.5	2	
10	16QAM	50	0		21.47				
10	64QAM	1	0		21.59				
10	64QAM	1	25		21.57		22.5	2	
10	64QAM	1	49		21.68				
10	64QAM	25	0		20.49				
10	64QAM	25	12		20.51		21.5	3	
10	64QAM	25	25		20.49				
10	64QAM	50	0		20.37				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	23.39	23.35	23.24	24.5	0	
5	QPSK	1	12	23.22	23.22	23.24			
5	QPSK	1	24	23.27	23.26	23.25			
5	QPSK	12	0	22.43	22.55	22.37	23.5	1	
5	QPSK	12	7	22.28	22.31	22.30			
5	QPSK	12	13	22.30	22.50	22.33			
5	QPSK	25	0	22.37	22.24	22.26	23.5	1	
5	16QAM	1	0	22.59	22.71	22.69			
5	16QAM	1	12	22.61	22.70	22.56			
5	16QAM	1	24	22.67	22.56	22.71	22.5	2	
5	16QAM	12	0	21.21	21.32	21.26			
5	16QAM	12	7	21.31	21.27	21.39			
5	16QAM	12	13	21.37	21.38	21.43	22.5	2	
5	16QAM	25	0	21.31	21.30	21.36			
5	64QAM	1	0	21.56	21.41	21.62			
5	64QAM	1	12	21.67	21.62	21.72	22.5	2	
5	64QAM	1	24	21.44	21.66	21.47			
5	64QAM	12	0	20.46	20.46	20.37			
5	64QAM	12	7	20.31	20.34	20.52	21.5	3	
5	64QAM	12	13	20.40	20.46	20.36			
5	64QAM	25	0	20.30	20.37	20.44			

Band 17									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23760	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.30	23.30	23.28			
10	QPSK	1	25	23.28	23.14	23.25	24.5	0	
10	QPSK	1	49	23.21	23.13	23.25			
10	QPSK	25	0	22.36	22.61	22.38			
10	QPSK	25	12	22.46	22.44	22.55	23.5	1	
10	QPSK	25	25	22.59	22.56	22.67			
10	QPSK	50	0	22.48	22.44	22.54			
10	16QAM	1	0	22.68	22.83	22.66			
10	16QAM	1	25	22.67	22.63	22.77	23.5	1	
10	16QAM	1	49	22.67	22.67	22.62			
10	16QAM	25	0	21.32	21.35	21.39			
10	16QAM	25	12	21.51	21.46	21.57	22.5	2	
10	16QAM	25	25	21.57	21.47	21.66			
10	16QAM	50	0	21.46	21.43	21.54			
10	64QAM	1	0	21.90	21.49	21.49			
10	64QAM	1	25	21.62	21.57	21.70	22.5	2	
10	64QAM	1	49	21.75	21.79	21.84			
10	64QAM	25	0	20.36	20.35	20.40			
10	64QAM	25	12	20.51	20.49	20.58	21.5	3	
10	64QAM	25	25	20.58	20.57	20.69			
10	64QAM	50	0	20.48	20.46	20.56			
Channel				23765	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.25	23.16	23.23			
5	QPSK	1	12	23.27	23.06	23.21	24.5	0	
5	QPSK	1	24	23.15	23.12	23.23			
5	QPSK	12	0	22.29	22.60	22.32			
5	QPSK	12	7	22.42	22.41	22.54	23.5	1	
5	QPSK	12	13	22.53	22.56	22.59			
5	QPSK	25	0	22.46	22.41	22.53			
5	16QAM	1	0	22.60	22.61	22.63			
5	16QAM	1	12	22.67	22.61	22.71	23.5	1	
5	16QAM	1	24	22.85	22.86	22.90			
5	16QAM	12	0	21.31	21.27	21.36			
5	16QAM	12	7	21.48	21.43	21.53	22.5	2	
5	16QAM	12	13	21.47	21.47	21.50			
5	16QAM	25	0	21.39	21.41	21.51			
5	64QAM	1	0	21.48	21.43	21.44			
5	64QAM	1	12	21.52	21.53	21.66	22.5	2	
5	64QAM	1	24	21.72	21.72	21.76			
5	64QAM	12	0	20.35	20.33	20.37			
5	64QAM	12	7	20.51	20.44	20.51	21.5	3	
5	64QAM	12	13	20.50	20.51	20.59			
5	64QAM	25	0	20.40	20.41	20.47			

Band 25									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (MHz)	Power Middle Ch. (MHz)	Power High Ch. (MHz)	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	23.42	23.35	23.27	24	0	
20	QPSK	1	48	23.32	23.34	23.20			
20	QPSK	1	96	23.38	23.13	23.08	23	1	
20	QPSK	50	0	22.68	22.47	22.39			
20	QPSK	50	24	22.67	22.45	22.38	23	1	
20	QPSK	50	50	22.58	22.35	22.35			
20	QPSK	100	0	22.68	22.36	22.42	23	1	
20	16QAM	1	0	22.85	22.80	22.70			
20	16QAM	1	48	22.78	22.58	22.48	22	2	
20	16QAM	1	96	22.53	22.68	22.53			
20	16QAM	50	0	21.60	21.34	21.33	21	3	
20	16QAM	50	24	21.62	21.55	21.48			
20	16QAM	50	50	21.67	21.58	21.42	22	2	
20	16QAM	100	0	21.59	21.39	21.49			
20	64QAM	1	0	21.80	21.64	21.37	22	2	
20	64QAM	1	48	21.72	21.50	21.47			
20	64QAM	1	96	21.72	21.64	21.46	21	3	
20	64QAM	50	0	20.70	20.37	20.38			
20	64QAM	50	24	20.51	20.56	20.51	21	3	
20	64QAM	50	50	20.66	20.40	20.31			
20	64QAM	100	0	20.58	20.46	20.40			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	23.42	23.20	23.22	24	0	
15	QPSK	1	37	23.20	23.27	23.14			
15	QPSK	1	74	23.24	23.11	23.21	23	1	
15	QPSK	36	0	22.51	22.38	22.30			
15	QPSK	36	20	22.50	22.42	22.35	22	2	
15	QPSK	36	39	22.51	22.38	22.36			
15	QPSK	75	0	22.44	22.45	22.22	23	1	
15	16QAM	1	0	22.68	22.54	22.65			
15	16QAM	1	37	22.70	22.66	22.42	22	2	
15	16QAM	1	74	22.60	22.57	22.61			
15	16QAM	36	0	21.50	21.36	21.45	21	3	
15	16QAM	36	20	21.48	21.55	21.43			
15	16QAM	36	39	21.48	21.36	21.41	22	2	
15	16QAM	75	0	21.41	21.31	21.44			
15	64QAM	1	0	21.65	21.47	21.53	22	2	
15	64QAM	1	37	21.67	21.68	21.44			
15	64QAM	1	74	21.60	21.62	21.42	21	3	
15	64QAM	36	0	20.52	20.45	20.41			
15	64QAM	36	20	20.51	20.47	20.42	21	3	
15	64QAM	36	39	20.54	20.43	20.30			
15	64QAM	75	0	20.48	20.50	20.38			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	23.35	23.31	23.25	24	0	
10	QPSK	1	25	23.24	23.15	23.12			
10	QPSK	1	49	23.36	23.14	23.15	23	1	
10	QPSK	25	0	22.62	22.41	22.33			
10	QPSK	25	12	22.59	22.49	22.20	23	1	
10	QPSK	25	25	22.44	22.40	22.25			
10	QPSK	50	0	22.57	22.47	22.29	23	1	
10	16QAM	1	0	22.91	22.84	22.52			
10	16QAM	1	25	22.66	22.54	22.48	22	2	
10	16QAM	1	49	22.55	22.52	22.49			
10	16QAM	25	0	21.44	21.44	21.28	21	3	
10	16QAM	25	12	21.41	21.60	21.30			
10	16QAM	25	25	21.45	21.47	21.24	22	2	
10	16QAM	50	0	21.54	21.33	21.36			
10	64QAM	1	0	21.56	21.43	21.40	22	2	
10	64QAM	1	25	21.63	21.62	21.35			
10	64QAM	1	49	21.59	21.49	21.42	21	3	
10	64QAM	25	0	20.45	20.35	20.28			
10	64QAM	25	12	20.47	20.56	20.32	21	3	
10	64QAM	25	25	20.60	20.54	20.26			
10	64QAM	50	0	20.63	20.45	20.36			
Channel				26055	26340	26655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	23.45	23.19	23.19	24	0	
5	QPSK	1	12	23.33	23.20	23.25			
5	QPSK	1	24	23.28	23.13	23.14	23	1	
5	QPSK	12	0	22.63	22.42	22.34			
5	QPSK	12	7	22.65	22.25	22.29	23	1	
5	QPSK	12	13	22.47	22.31	22.35			
5	QPSK	25	0	22.55	22.38	22.30	23	1	
5	16QAM	1	0	22.77	22.71	22.51			
5	16QAM	1	12	22.69	22.53	22.49	22	2	
5	16QAM	1	24	22.67	22.57	22.57			
5	16QAM	12	0	21.65	21.46	21.28	22	2	
5	16QAM	12	7	21.45	21.62	21.30			
5	16QAM	12	13	21.54	21.53	21.30	21	3	
5	16QAM	25	0	21.55	21.37	21.41			
5	64QAM	1	0	21.67	21.51	21.43	22	2	
5	64QAM	1	12	21.72	21.42	21.45			
5	64QAM	1	24	21.55	21.57	21.39	21	3	
5	64QAM	12	0	20.62	20.34	20.31			
5	64QAM	12	7	20.66	20.49	20.45	21	3	
5	64QAM	12	13	20.52	20.41	20.42			
5	64QAM	25	0	20.61	20.42	20.27			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	23.44	23.19	23.31	24	0	
3	QPSK	1	8	23.17	23.23	23.20			
3	QPSK	1	14	23.28	23.08	22.98	23	1	
3	QPSK	8	0	22.64	22.32	22.29			
3	QPSK	8	4	22.50	22.44	22.31	23	1	
3	QPSK	8	7	22.34	22.28	22.30			
3	QPSK	15	0	22.61	22.32	22.31	23	1	
3	16QAM	1	0	22.66	22.54	22.48			
3	16QAM	1	8	22.68	22.57	22.45	22	2	
3	16QAM	1	14	22.57	22.60	22.47			
3	16QAM	8	0	21.51	21.46	21.21	22	2	
3	16QAM	8	4	21.56	21.40	21.37			
3	16QAM	8	7	21.43	21.52	21.27	22	2	
3	16QAM	15	0	21.58	21.54	21.29			
3	64QAM	1	0	21.55	21.64	21.34	22	2	
3	64QAM	1	8	21.69	21.62	21.51			
3	64QAM	1	14	21.58	21.41	21.45	21	3	
3	64QAM	8	0	20.43	20.33	20.46			
3	64QAM	8	4	20.62	20.43	20.40	21	3	
3	64QAM	8	7	20.62	20.45	20.40			
3	64QAM	15	0	20.50	20.45	20.31			
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	23.25	23.36	23.17	24	0	
1.4	QPSK	1	3	23.25	23.16	23.22			
1.4	QPSK	1	5	23.32	23.10	23.15	23	1	
1.4	QPSK	3	0	23.37	23.22	23.31			
1.4	QPSK	3	1	23.21	23.13	23.09	22	2	
1.4	QPSK	3	3	23.27	23.02	23.01			
1.4	QPSK	5	0	22.54	22.46	22.34	21	3	
1.4	16QAM	1	0	22.65	22.53	22.43			
1.4	16QAM	1	3	22.52	22.44	22.33	22	2	
1.4	16QAM	1	5	22.56	22.41	22.40			
1.4	16QAM	3	0	22.73	22.61	22.51	21	3	
1.4	16QAM	3	1	22.59	22.60	22.55			
1.4	16QAM	3	3	22.59	22.44	22.37	22	2	
1.4	16QAM	5	0	21.47	21.47	21.38			
1.4	64QAM	1	0	21.54	21.40	21.36	22	2	
1.4	64QAM	1	3	21.47	21.56	21.32			
1.4	64QAM	1	5	21.60	21.38	21.30	22	2	
1.4	64QAM	3	0	21.75	21.54	21.35			
1.4	64QAM	3	1	21.70	21.57	21.44	21	3	
1.4	64QAM	5	0	21.69	21.51	21.39			
1.4	64QAM	5	0	20.81	20.45	20.27			

Band 26									
Power [W]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.78	23.79	23.87	23.5	1	
15	QPSK	1	37	23.58	23.76	23.85			
15	QPSK	1	74	23.67	23.76	23.58			
15	QPSK	36	0	22.84	22.89	22.88	23.5	1	
15	QPSK	36	20	22.77	22.88	22.76			
15	QPSK	36	39	22.83	22.87	22.70			
15	QPSK	75	0	22.74	22.81	22.70	23.5	1	
15	16QAM	1	0	23.09	23.04	23.05			
15	16QAM	1	37	22.98	23.15	22.98			
15	16QAM	1	74	22.99	23.09	22.77	22.5	2	
15	16QAM	36	0	21.81	21.96	21.80			
15	16QAM	36	20	21.84	21.99	21.80			
15	16QAM	36	39	21.74	21.91	21.78	22.5	2	
15	16QAM	75	0	21.91	21.91	21.86			
15	64QAM	1	0	21.91	22.01	21.80			
15	64QAM	1	37	21.75	22.01	21.97	21.5	3	
15	64QAM	1	74	21.84	21.90	21.76			
15	64QAM	36	0	20.81	21.02	20.90			
15	64QAM	36	20	20.96	20.94	20.70	21.5	3	
15	64QAM	36	39	20.76	21.05	20.91			
15	64QAM	75	0	20.92	20.96	20.80			
Channel				26740	26865	26990	24.5	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.64	23.69	23.68	24.5	0	
10	QPSK	1	25	23.56	23.70	23.63			
10	QPSK	1	49	23.51	23.72	23.45			
10	QPSK	25	0	22.75	22.92	22.73	23.5	1	
10	QPSK	25	12	22.84	22.89	22.58			
10	QPSK	25	25	22.68	22.83	22.67			
10	QPSK	50	0	22.72	22.91	22.72	23.5	1	
10	16QAM	1	0	22.90	23.13	22.97			
10	16QAM	1	25	22.94	23.05	22.90			
10	16QAM	1	49	23.02	22.95	22.69	22.5	2	
10	16QAM	25	0	21.65	21.86	21.73			
10	16QAM	25	12	21.74	21.86	21.74			
10	16QAM	25	25	21.70	21.83	21.60	21.5	3	
10	16QAM	50	0	21.80	21.75	21.74			
10	64QAM	1	0	21.88	21.98	21.92			
10	64QAM	1	25	21.73	22.07	21.85	21.5	3	
10	64QAM	1	49	21.75	21.76	21.64			
10	64QAM	25	0	20.85	20.90	20.72			
10	64QAM	25	12	20.89	20.95	20.78	21.5	3	
10	64QAM	25	25	20.80	20.96	20.77			
10	64QAM	50	0	20.68	21.00	20.70			
Channel				26715	26865	27015	24.5	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.69	23.68	23.58	24.5	0	
5	QPSK	1	12	23.48	23.71	23.43			
5	QPSK	1	24	23.64	23.74	23.46			
5	QPSK	12	0	22.67	22.97	22.61	23.5	1	
5	QPSK	12	7	22.80	22.83	22.69			
5	QPSK	12	13	22.63	22.76	22.75			
5	QPSK	25	0	22.91	22.87	22.59	23.5	1	
5	16QAM	1	0	23.00	23.10	22.89			
5	16QAM	1	12	22.92	23.11	22.92			
5	16QAM	1	24	23.04	23.06	22.68	22.5	2	
5	16QAM	12	0	21.81	21.99	21.78			
5	16QAM	12	7	21.73	21.87	21.69			
5	16QAM	12	13	21.65	21.84	21.78	22.5	2	
5	16QAM	25	0	21.71	21.89	21.66			
5	64QAM	1	0	21.92	21.99	21.79			
5	64QAM	1	12	21.84	21.97	21.73	21.5	3	
5	64QAM	1	24	21.79	21.92	21.75			
5	64QAM	12	0	20.72	20.97	20.83			
5	64QAM	12	7	20.73	20.94	20.69	21.5	3	
5	64QAM	12	13	20.76	20.96	20.75			
5	64QAM	25	0	20.80	20.97	20.73			
Channel				26705	26865	27025	24.5	0	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.74	23.77	23.60	24.5	0	
3	QPSK	1	8	23.60	23.69	23.50			
3	QPSK	1	14	23.60	23.66	23.52			
3	QPSK	8	0	22.69	22.94	22.64	23.5	1	
3	QPSK	8	4	22.67	22.83	22.65			
3	QPSK	8	7	22.68	22.91	22.63			
3	QPSK	15	0	22.86	22.94	22.71	23.5	1	
3	16QAM	1	0	22.95	23.02	23.05			
3	16QAM	1	8	22.99	22.99	22.94			
3	16QAM	1	14	22.95	22.90	22.70	22.5	2	
3	16QAM	8	0	21.61	21.93	21.70			
3	16QAM	8	4	21.83	21.93	21.60			
3	16QAM	8	7	21.79	21.95	21.66	21.5	3	
3	16QAM	15	0	21.79	21.90	21.65			
3	64QAM	1	0	21.84	21.94	21.90			
3	64QAM	1	8	21.79	21.93	21.74	22.5	2	
3	64QAM	1	14	21.76	21.91	21.70			
3	64QAM	8	0	20.77	20.96	20.88			
3	64QAM	8	4	20.68	20.92	20.66	21.5	3	
3	64QAM	8	7	20.88	20.96	20.67			
3	64QAM	15	0	20.86	20.80	20.83			
Channel				26697	26865	27033	24.5	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.63	23.76	23.70	24.5	0	
1.4	QPSK	1	3	23.52	23.77	23.53			
1.4	QPSK	1	5	23.68	23.70	23.41			
1.4	QPSK	3	0	23.57	23.77	23.53	23.5	1	
1.4	QPSK	3	1	23.60	23.68	23.57			
1.4	QPSK	3	3	23.56	23.71	23.48			
1.4	QPSK	6	0	22.64	22.86	22.64	23.5	1	
1.4	16QAM	1	0	22.75	22.94	22.54			
1.4	16QAM	1	3	22.78	22.96	22.85			
1.4	16QAM	1	5	22.79	22.76	22.62	22.5	2	
1.4	16QAM	3	0	22.96	23.14	23.06			
1.4	16QAM	3	1	22.98	23.00	23.00			
1.4	16QAM	3	3	22.92	22.83	22.72	22.5	2	
1.4	16QAM	6	0	21.72	21.81	21.84			
1.4	64QAM	1	0	21.82	21.74	21.75			
1.4	64QAM	1	3	21.80	21.96	21.75	22.5	2	
1.4	64QAM	1	5	21.78	21.98	21.77			
1.4	64QAM	3	0	21.99	22.02	21.74			
1.4	64QAM	3	1	21.71	21.92	21.72	21.5	3	
1.4	64QAM	3	3	21.86	21.86	21.69			
1.4	64QAM	6	0	20.80	20.92	20.73			

Band 30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		22.69		23	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.63			
10	QPSK	25	0		21.75		22	1
10	QPSK	25	12		21.68			
10	QPSK	25	25		21.65			
10	QPSK	50	0		21.75		22	1
10	16QAM	1	0		21.93			
10	16QAM	1	25		22.00			
10	16QAM	1	49		21.98		21	2
10	16QAM	25	0		20.71			
10	16QAM	25	12		20.75			
10	16QAM	25	25		20.75		21	2
10	16QAM	50	0		20.59			
10	64QAM	1	0		20.88			
10	64QAM	1	25		20.90		20	3
10	64QAM	1	49		20.77			
10	64QAM	25	0		19.84			
10	64QAM	25	12		19.81		20	3
10	64QAM	25	25		19.80			
10	64QAM	50	0		19.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.72	22.61	22.67	23	0
5	QPSK	1	12	22.42	22.62	22.38		
5	QPSK	1	24	22.53	22.48	22.38		
5	QPSK	12	0	21.64	21.68	21.69	22	1
5	QPSK	12	7	21.74	21.64	21.65		
5	QPSK	12	13	21.55	21.60	21.64		
5	QPSK	25	0	21.72	21.67	21.71	22	1
5	16QAM	1	0	22.03	21.95	21.99		
5	16QAM	1	12	22.05	22.04	21.91		
5	16QAM	1	24	21.79	21.78	21.91	21	2
5	16QAM	12	0	20.75	20.88	20.83		
5	16QAM	12	7	20.98	20.54	20.72		
5	16QAM	12	13	20.66	20.68	20.63	21	2
5	16QAM	25	0	20.67	20.68	20.57		
5	64QAM	1	0	20.96	20.86	20.88		
5	64QAM	1	12	20.86	20.87	20.83	20	3
5	64QAM	1	24	20.73	20.96	20.74		
5	64QAM	12	0	19.73	19.75	19.74		
5	64QAM	12	7	19.63	19.79	19.61	20	3
5	64QAM	12	13	19.55	19.53	19.53		
5	64QAM	25	0	19.57	19.63	19.61		

Band 66											
BW (MHz)	Modulation Channel	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	23.48	23.21	23.16	24	0			
20	QPSK	1	49	23.33	23.04	23.15					
20	QPSK	1	99	23.25	23.06	23.05	23	1			
20	QPSK	50	0	22.63	22.35	22.30					
20	QPSK	50	24	22.36	22.26	22.24					
20	QPSK	50	50	22.36	22.34	22.18					
20	QPSK	100	0	22.43	22.23	22.25	23	1			
20	16QAM	1	0	22.78	22.56	22.57					
20	16QAM	1	49	22.76	22.50	22.51					
20	16QAM	1	99	22.65	22.49	22.41					
20	16QAM	50	0	21.67	21.42	21.37	22	2			
20	16QAM	50	24	21.40	21.32	21.20					
20	16QAM	50	50	21.48	21.35	21.30					
20	16QAM	100	0	21.40	21.34	21.30					
20	64QAM	1	0	21.76	21.52	21.54	22	2			
20	64QAM	1	49	21.61	21.37	21.29					
20	64QAM	1	99	21.42	21.37	21.33					
20	64QAM	50	0	20.63	20.41	20.23					
20	64QAM	50	24	20.56	20.31	20.37	21	3			
20	64QAM	50	50	20.33	20.31	20.24					
20	64QAM	100	0	20.41	20.34	20.30					
Channel				132047	132322	132587					
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	23.38	23.17	23.09	24	0			
15	QPSK	1	37	23.29	23.02	23.14					
15	QPSK	1	74	23.18	23.02	22.97	23	1			
15	QPSK	36	0	22.57	22.28	22.24					
15	QPSK	36	20	22.28	22.16	22.21					
15	QPSK	36	39	22.34	22.33	22.13					
15	QPSK	75	0	22.37	22.17	22.21	23	1			
15	16QAM	1	0	22.68	22.50	22.47					
15	16QAM	1	37	22.67	22.47	22.43					
15	16QAM	1	74	22.60	22.41	22.34					
15	16QAM	36	0	21.66	21.35	21.27	22	2			
15	16QAM	36	20	21.37	21.26	21.11					
15	16QAM	36	39	21.38	21.29	21.28					
15	16QAM	75	0	21.39	21.29	21.25					
15	64QAM	1	0	21.71	21.49	21.46	22	2			
15	64QAM	1	37	21.51	21.29	21.29					
15	64QAM	1	74	21.39	21.26	21.24					
15	64QAM	36	0	20.56	20.33	20.13					
15	64QAM	36	20	20.51	20.21	20.29	21	3			
15	64QAM	36	39	20.23	20.28	20.20					
15	64QAM	75	0	20.39	20.32	20.28					
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	23.37	23.25	23.17	24	0			
10	QPSK	1	25	23.25	23.21	23.07					
10	QPSK	1	49	23.22	23.12	22.90	23	1			
10	QPSK	25	0	22.42	22.22	22.15					
10	QPSK	25	12	22.51	22.27	22.25					
10	QPSK	25	25	22.25	22.12	22.29					
10	QPSK	50	0	22.21	22.27	22.30	23	1			
10	16QAM	1	0	22.84	22.56	22.68					
10	16QAM	1	25	22.73	22.40	22.36					
10	16QAM	1	49	22.55	22.49	22.30					
10	16QAM	25	0	21.57	21.25	21.23	22	2			
10	16QAM	25	12	21.32	21.16	21.18					
10	16QAM	25	25	21.47	21.26	21.16					
10	16QAM	50	0	21.36	21.20	21.15					
10	64QAM	1	0	21.74	21.55	21.35	22	2			
10	64QAM	1	25	21.65	21.31	21.23					
10	64QAM	1	49	21.25	21.26	21.15					
10	64QAM	25	0	20.52	20.44	20.22					
10	64QAM	25	12	20.41	20.31	20.24	21	3			
10	64QAM	25	25	20.37	20.31	20.21					
10	64QAM	50	0	20.40	20.23	20.16					
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	23.57	23.09	23.14	24	0			
5	QPSK	1	12	23.33	23.09	22.98					
5	QPSK	1	24	23.17	23.02	23.06	23	1			
5	QPSK	12	0	22.41	22.28	22.18					
5	QPSK	12	7	22.50	22.31	22.19					
5	QPSK	12	13	22.29	22.21	22.11					
5	QPSK	25	0	22.28	22.23	22.29	23	1			
5	16QAM	1	0	22.77	22.68	22.56					
5	16QAM	1	12	22.69	22.36	22.26					
5	16QAM	1	24	22.57	22.34	22.37					
5	16QAM	12	0	21.47	21.37	21.27	22	2			
5	16QAM	12	7	21.37	21.44	21.27					
5	16QAM	12	13	21.35	21.21	21.29					
5	16QAM	25	0	21.42	21.21	21.24					
5	64QAM	1	0	21.63	21.43	21.44	22	2			
5	64QAM	1	12	21.58	21.29	21.30					
5	64QAM	1	24	21.35	21.21	21.19					
5	64QAM	12	0	20.53	20.47	20.23					
5	64QAM	12	7	20.49	20.35	20.18	21	3			
5	64QAM	12	13	20.38	20.16	20.09					
5	64QAM	25	0	20.50	20.34	20.14					
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	23.41	23.21	23.26	24	0			
3	QPSK	1	8	23.20	23.02	23.05					
3	QPSK	1	14	23.21	22.98	22.81	23	1			
3	QPSK	8	0	22.38	22.35	22.32					
3	QPSK	8	4	22.37	22.31	22.13					
3	QPSK	8	7	22.38	22.24	22.34					
3	QPSK	15	0	22.41	22.32	22.09	23	1			
3	16QAM	1	0	22.87	22.54	22.65					
3	16QAM	1	8	22.71	22.41	22.42					
3	16QAM	1	14	22.48	22.32	22.31					
3	16QAM	8	0	21.60	21.25	21.39	22	2			
3	16QAM	8	4	21.35	21.30	21.27					
3	16QAM	8	7	21.45	21.31	21.10					
3	16QAM	15	0	21.28	21.26	21.17					
3	64QAM	1	0	21.60	21.49	21.36	22	2			
3	64QAM	1	8	21.62	21.32	21.33					
3	64QAM	1	14	21.39	21.37	21.18					
3	64QAM	8	0	20.65	20.39	20.16					
3	64QAM	8	4	20.38	20.36	20.31	21	3			
3	64QAM	8	7	20.28	20.20	20.15					
3	64QAM	15	0	20.39	20.31	20.20					
Channel				131979	132322	132685					
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	23.36	23.26	23.24	24	0			
1.4	QPSK	1	3	23.29	23.09	23.12					
1.4	QPSK	1	5	23.12	23.01	23.09	23	1			
1.4	QPSK	3	0	23.38	23.17	23.29					
1.4	QPSK	3	1	23.41	23.03	23.03					
1.4	QPSK	3	3	23.18	22.93	22.88					
1.4	QPSK	6	0	22.64	22.45	22.19	23	1			
1.4	16QAM	1	0	22.28	22.24	22.23					
1.4	16QAM	1	3	23.35	22.25	22.11	23	1			
1.4	16QAM	1	5	22.45	22.20	22.15					
1.4	16QAM	3	0	22.70	22.56	22.50					
1.4	16QAM	3	1	22.68	22.53	22.43					
1.4	16QAM	3	3	22.59	22.49	22.29	22	2			
1.4	16QAM	3	5	21.57	21.27	21.14					
1.4	64QAM	1	0	21.45	21.38	21.23	21	3			
1.4	64QAM	1	3	21.38	21.20	21.17					
1.4	64QAM	1	5	21.37	21.19	21.22					
1.4	64QAM	3	0	21.70	21.39	21.47					
1.4	64QAM	3	1	21.50	21.33	21.28	21	3			
1.4	64QAM	3	3	21.33	21.24	21.24					
1.4	64QAM	6	0	20.38	20.26	20.10					
1.4	64QAM	6	3	20.38	20.26	20.10					

Band 66_MIMO2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	23.58	23.26	23.12			24	0
20	QPSK	1	49	23.56	23.20	23.07				
20	QPSK	1	99	23.51	23.18	23.07				
20	QPSK	50	0	22.58	22.25	22.12			23	1
20	QPSK	50	24	22.55	22.19	22.10				
20	QPSK	50	50	22.53	22.16	22.03				
20	QPSK	100	0	22.48	22.17	22.05			23	1
20	16QAM	1	0	22.51	22.16	22.08				
20	16QAM	1	49	22.51	22.19	22.11				
20	16QAM	1	99	22.48	22.16	22.12				
20	16QAM	50	0	21.51	21.21	21.02				
20	16QAM	50	24	21.49	21.26	21.02				
20	16QAM	50	50	21.55	21.28	21.02			22	2
20	16QAM	100	0	21.51	21.23	21.06				
20	64QAM	1	0	21.54	21.24	21.12				
20	64QAM	1	49	21.45	21.16	21.12			22	2
20	64QAM	1	99	21.51	21.24	21.12				
20	64QAM	50	0	20.49	20.20	20.08				
20	64QAM	50	24	20.51	20.25	20.10			21	3
20	64QAM	50	50	20.53	20.28	20.03				
20	64QAM	100	0	20.51	20.23	20.10				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	23.54	23.22	23.12			24	0
15	QPSK	1	37	23.55	23.12	23.00				
15	QPSK	1	74	23.50	23.13	22.99				
15	QPSK	36	0	22.49	22.16	22.08			23	1
15	QPSK	36	20	22.48	22.18	22.04				
15	QPSK	36	39	22.49	22.09	22.07				
15	QPSK	75	0	22.48	22.10	22.06			23	1
15	16QAM	1	0	22.44	22.06	22.00				
15	16QAM	1	37	22.45	22.09	22.11				
15	16QAM	1	74	22.40	22.14	22.05			22	2
15	16QAM	36	0	21.44	21.21	20.95				
15	16QAM	36	20	21.42	21.20	21.00				
15	16QAM	36	39	21.54	21.18	21.04			22	2
15	16QAM	75	0	21.50	21.13	21.04				
15	64QAM	1	0	21.49	21.16	21.02				
15	64QAM	1	37	21.43	21.14	21.04			21	3
15	64QAM	1	74	21.50	21.14	21.03				
15	64QAM	36	0	20.49	20.12	20.07				
15	64QAM	36	20	20.41	20.16	20.06			21	3
15	64QAM	36	39	20.47	20.22	19.98				
15	64QAM	75	0	20.47	20.19	20.02				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	23.51	23.17	23.09			24	0
10	QPSK	1	25	23.55	23.10	22.97				
10	QPSK	1	49	23.50	23.14	23.06				
10	QPSK	25	0	22.51	22.17	22.05			23	1
10	QPSK	25	12	22.55	22.15	22.05				
10	QPSK	25	25	22.44	22.10	22.03				
10	QPSK	50	0	22.41	22.09	22.03			23	1
10	16QAM	1	0	22.45	22.07	22.08				
10	16QAM	1	25	22.48	22.15	22.09				
10	16QAM	1	49	22.46	22.13	22.10			22	2
10	16QAM	25	0	21.46	21.13	20.98				
10	16QAM	25	12	21.42	21.26	20.99				
10	16QAM	25	25	21.54	21.21	20.92			22	2
10	16QAM	50	0	21.45	21.15	20.99				
10	64QAM	1	0	21.52	21.18	21.05				
10	64QAM	1	25	21.45	21.15	21.09			22	2
10	64QAM	1	49	21.41	21.20	20.99				
10	64QAM	25	0	20.42	20.14	20.08				
10	64QAM	25	12	20.41	20.15	20.10			21	3
10	64QAM	25	25	20.49	20.17	19.97				
10	64QAM	50	0	20.50	20.18	20.01				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	23.52	23.21	23.08			24	0
5	QPSK	1	12	23.52	23.18	23.06				
5	QPSK	1	24	23.41	23.15	23.05				
5	QPSK	12	0	22.57	22.15	22.11			23	1
5	QPSK	12	7	22.45	22.12	22.07				
5	QPSK	12	13	22.53	22.15	22.03				
5	QPSK	25	0	22.46	22.08	21.95			23	1
5	16QAM	1	0	22.46	22.15	22.02				
5	16QAM	1	12	22.48	22.17	22.08				
5	16QAM	1	24	22.39	22.10	22.02			22	2
5	16QAM	12	0	21.48	21.21	20.94				
5	16QAM	12	7	21.49	21.26	20.96				
5	16QAM	12	13	21.54	21.16	20.98			22	2
5	16QAM	25	0	21.43	21.19	20.98				
5	64QAM	1	0	21.54	21.19	21.09				
5	64QAM	1	12	21.40	21.14	21.09			21	3
5	64QAM	1	24	21.49	21.16	21.02				
5	64QAM	12	0	20.45	20.20	20.07				
5	64QAM	12	7	20.46	20.15	20.02			21	3
5	64QAM	12	13	20.44	20.22	19.98				
5	64QAM	25	0	20.51	20.13	20.03				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	23.48	23.26	23.09			24	0
3	QPSK	1	8	23.53	23.15	23.00				
3	QPSK	1	14	23.51	23.16	23.07				
3	QPSK	8	0	22.48	22.21	22.04			23	1
3	QPSK	8	4	22.47	22.09	22.08				
3	QPSK	8	7	22.51	22.16	21.95				
3	QPSK	15	0	22.45	22.13	22.00			23	1
3	16QAM	1	0	22.49	22.16	21.98				
3	16QAM	1	8	22.46	22.14	22.07				
3	16QAM	1	14	22.38	22.06	22.12			22	2
3	16QAM	8	0	21.48	21.19	20.99				
3	16QAM	8	4	21.43	21.16	20.96				
3	16QAM	8	7	21.52	21.21	20.96			21	3
3	16QAM	15	0	21.50	21.14	21.06				
3	64QAM	1	0	21.48	21.15	21.08				
3	64QAM	1	8	21.49	21.16	21.07			22	2
3	64QAM	1	14	21.41	21.23	21.05				
3	64QAM	8	0	20.49	20.20	20.00				
3	64QAM	8	4	20.50	20.15	20.02			21	3
3	64QAM	8	7	20.46	20.26	20.03				
3	64QAM	15	0	20.51	20.16	20.08				
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	23.55	23.20	23.10			24	0
1.4	QPSK	1	3	23.54	23.12	23.00				
1.4	QPSK	1	5	23.43	23.15	22.97				
1.4	QPSK	3	0	23.51	23.24	23.11			23	1
1.4	QPSK	3	1	23.49	23.15	23.05				
1.4	QPSK	3	3	23.48	23.17	23.04				
1.4	QPSK	6	0	22.39	22.13	21.98			22	2
1.4	16QAM	1	0	22.41	22.11	22.05				
1.4	16QAM	1	3	22.43	22.09	22.05				
1.4	16QAM	1	5	22.42	22.15	22.12			22	1
1.4	16QAM	3	0	22.51	22.07	22.01				
1.4	16QAM	3	1	22.41	22.17	22.02				
1.4	16QAM	3	3	22.48	22.13	22.04			22	2
1.4	16QAM	6	0	21.43	21.21	21.03				
1.4	64QAM	1	0	21.48	21.15	21.08				
1.4	64QAM	1	3	21.41	21.08	21.12			22	2
1.4	64QAM	1	5	21.47	21.22	21.04				
1.4	64QAM	3	1	21.49	21.20	21.03				
1.4	64QAM	3	1	21.46	21.08	21.06			21	3
1.4	64QAM	6	0	20.49	20.20	20.00				
1.4	64QAM	6	0	20.42	20.15	20.06				

Band 71											
BW (MHz)	Modulo n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				133222	133322	133372					
Frequency (MHz)				673	683	688					
20	QPSK	1	0	23.83	23.79	23.69	24.5	0			
20	QPSK	1	49	23.74	23.75	23.63					
20	QPSK	1	99	23.78	23.84	23.47					
20	QPSK	50	0	22.89	22.83	22.74	23.5	1			
20	QPSK	50	24	22.94	22.80	22.79					
20	QPSK	50	50	22.91	22.81	22.72					
20	QPSK	100	0	22.91	22.76	22.77	23.5	1			
20	16QAM	1	0	23.20	23.08	23.10					
20	16QAM	1	49	23.15	22.98	22.92					
20	16QAM	1	99	23.10	22.89	22.82	22.5	2			
20	16QAM	50	0	21.89	21.76	21.75					
20	16QAM	50	24	21.91	21.74	21.79					
20	16QAM	50	50	21.92	21.73	21.71	22.5	2			
20	16QAM	100	0	21.91	21.89	21.76					
20	64QAM	1	0	22.00	21.92	21.91					
20	64QAM	1	49	21.96	21.84	21.86	22.5	2			
20	64QAM	1	99	22.06	21.76	21.74					
20	64QAM	50	0	20.91	20.75	20.77					
20	64QAM	50	24	20.94	20.74	20.81	21.5	3			
20	64QAM	50	50	20.94	20.72	20.75					
20	64QAM	100	0	20.94	20.69	20.79					
Channel				133197	133297	133397	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5 <th></th> <th colspan="2"></th>					
15	QPSK	1	0	23.79	23.70	23.69	24.5	0			
15	QPSK	1	37	23.67	23.68	23.53					
15	QPSK	1	74	23.78	23.60	23.43					
15	QPSK	36	0	22.87	22.83	22.73	23.5	1			
15	QPSK	36	20	22.91	22.77	22.75					
15	QPSK	36	39	22.90	22.71	22.72					
15	QPSK	75	0	22.87	22.74	22.73	23.5	1			
15	16QAM	1	0	23.15	23.06	23.06					
15	16QAM	1	37	23.10	22.90	22.82					
15	16QAM	1	74	23.05	22.89	22.77	22.5	2			
15	16QAM	36	0	21.86	21.74	21.70					
15	16QAM	36	20	21.89	21.84	21.70					
15	16QAM	36	39	21.91	21.65	21.62	22.5	2			
15	16QAM	75	0	21.90	21.62	21.68					
15	64QAM	1	0	21.92	21.77	21.83					
15	64QAM	1	37	21.91	21.80	21.89	22.5	2			
15	64QAM	1	74	22.01	21.74	21.73					
15	64QAM	36	0	20.88	20.71	20.77					
15	64QAM	36	20	20.93	20.68	20.77	21.5	3			
15	64QAM	36	39	20.94	20.83	20.65					
15	64QAM	75	0	20.94	20.62	20.74					
Channel				133172	133272	133422	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				668	678	693					
10	QPSK	1	0	23.81	23.69	23.68	24.5	0			
10	QPSK	1	25	23.65	23.70	23.59					
10	QPSK	1	49	23.68	23.56	23.42					
10	QPSK	25	0	22.81	22.73	22.66	23.5	1			
10	QPSK	25	12	22.94	22.72	22.78					
10	QPSK	25	25	22.81	22.77	22.65					
10	QPSK	50	0	22.91	22.68	22.68	23.5	1			
10	16QAM	1	0	23.18	23.07	23.01					
10	16QAM	1	25	23.08	22.97	22.88					
10	16QAM	1	49	23.05	22.87	22.78	22.5	2			
10	16QAM	25	0	21.85	21.73	21.68					
10	16QAM	25	12	21.82	21.72	21.73					
10	16QAM	25	25	21.89	21.72	21.67	22.5	2			
10	16QAM	50	0	21.84	21.64	21.70					
10	64QAM	1	0	21.98	21.80	21.86					
10	64QAM	1	25	21.95	21.77	21.84	22.5	2			
10	64QAM	1	49	22.00	21.73	21.72					
10	64QAM	25	0	20.90	20.70	20.68					
10	64QAM	25	12	20.91	20.73	20.74	21.5	3			
10	64QAM	25	25	20.93	20.69	20.65					
10	64QAM	50	0	20.92	20.63	20.76					
Channel				133147	133247	133447	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				665.5	675.5	695.5					
5	QPSK	1	0	23.80	23.78	23.60	24.5	0			
5	QPSK	1	12	23.74	23.72	23.60					
5	QPSK	1	24	23.75	23.57	23.39					
5	QPSK	12	0	22.89	22.77	22.68	23.5	1			
5	QPSK	12	7	22.94	22.75	22.72					
5	QPSK	12	13	22.88	22.72	22.66					
5	QPSK	25	0	22.82	22.66	22.72	23.5	1			
5	16QAM	1	0	23.10	23.08	23.01					
5	16QAM	1	12	23.06	22.94	22.90					
5	16QAM	1	24	23.10	22.85	22.73	22.5	2			
5	16QAM	12	0	21.79	21.72	21.74					
5	16QAM	12	7	21.90	21.74	21.69					
5	16QAM	12	13	21.88	21.69	21.66	22.5	2			
5	16QAM	25	0	21.91	21.69	21.69					
5	64QAM	1	0	22.00	21.74	21.89					
5	64QAM	1	12	21.93	21.84	21.81	22.5	2			
5	64QAM	1	24	22.01	21.76	21.65					
5	64QAM	12	0	20.86	20.68	20.74					
5	64QAM	12	7	20.90	20.72	20.74	21.5	3			
5	64QAM	12	13	20.93	20.68	20.75					
5	64QAM	25	0	20.84	20.61	20.75					

Band 2									
BW (MHz)	Modulation Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	17.36	17.31	17.22	18	0	
20	QPSK	1	49	17.31	17.25	17.15			
20	QPSK	1	99	17.20	17.22	17.03			
20	QPSK	50	0	16.51	16.48	16.32	17	1	
20	QPSK	50	24	16.47	16.37	16.23			
20	QPSK	50	50	16.45	16.43	16.26			
20	QPSK	100	0	16.51	16.32	16.17	17	1	
20	16QAM	1	0	16.66	16.69	16.48			
20	16QAM	1	49	16.64	16.54	16.46			
20	16QAM	1	99	16.46	16.58	16.37	16	2	
20	16QAM	50	0	15.41	15.36	15.23			
20	16QAM	50	24	15.47	15.41	15.23			
20	16QAM	50	50	15.45	15.44	15.28	16	2	
20	16QAM	100	0	15.44	15.37	15.20			
20	64QAM	1	0	15.57	15.54	15.36			
20	64QAM	1	49	15.49	15.50	15.38	16	2	
20	64QAM	1	99	15.45	15.46	15.36			
20	64QAM	50	0	14.42	14.38	14.23			
20	64QAM	50	24	14.53	14.40	14.25	15	3	
20	64QAM	50	50	14.45	14.45	14.30			
20	64QAM	100	0	14.47	14.35	14.21			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	17.29	17.31	17.19	18	0	
15	QPSK	1	37	17.21	17.23	17.12			
15	QPSK	1	74	17.18	17.13	17.01			
15	QPSK	36	0	16.33	16.38	16.17	17	1	
15	QPSK	36	20	16.41	16.28	16.21			
15	QPSK	36	39	16.43	16.41	16.17			
15	QPSK	75	0	16.47	16.27	16.17	17	1	
15	16QAM	1	0	16.64	16.62	16.40			
15	16QAM	1	37	16.69	16.52	16.46			
15	16QAM	1	74	16.40	16.53	16.33	16	2	
15	16QAM	36	0	15.31	15.31	15.19			
15	16QAM	36	20	15.43	15.32	15.14			
15	16QAM	36	39	15.39	15.34	15.23	16	2	
15	16QAM	75	0	15.35	15.35	15.13			
15	64QAM	1	0	15.57	15.46	15.29			
15	64QAM	1	37	15.43	15.49	15.34	16	2	
15	64QAM	1	74	15.38	15.44	15.28			
15	64QAM	36	0	14.42	14.32	14.16			
15	64QAM	36	20	14.52	14.36	14.16	15	3	
15	64QAM	36	39	14.42	14.43	14.28			
15	64QAM	75	0	14.44	14.34	14.14			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	0	17.32	17.28	17.20	18	0	
10	QPSK	1	25	17.28	17.23	17.11			
10	QPSK	1	49	17.11	17.14	17.02			
10	QPSK	25	0	16.35	16.28	16.16	17	1	
10	QPSK	25	12	16.38	16.31	16.16			
10	QPSK	25	25	16.44	16.36	16.25			
10	QPSK	50	0	16.51	16.27	16.16	17	1	
10	16QAM	1	0	16.57	16.60	16.48			
10	16QAM	1	25	16.61	16.50	16.39			
10	16QAM	1	49	16.38	16.52	16.33	16	2	
10	16QAM	25	0	15.38	15.36	15.20			
10	16QAM	25	12	15.42	15.38	15.17			
10	16QAM	25	25	15.40	15.35	15.24	16	2	
10	16QAM	50	0	15.43	15.35	15.13			
10	64QAM	1	0	15.52	15.49	15.31			
10	64QAM	1	25	15.39	15.50	15.31	16	2	
10	64QAM	1	49	15.38	15.43	15.36			
10	64QAM	25	0	14.36	14.33	14.23			
10	64QAM	25	12	14.52	14.34	14.18	15	3	
10	64QAM	25	25	14.44	14.43	14.25			
10	64QAM	50	0	14.46	14.25	14.18			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	17.29	17.23	17.17	18	0	
5	QPSK	1	12	17.29	17.20	17.05			
5	QPSK	1	24	17.18	17.15	16.95			
5	QPSK	12	0	16.39	16.35	16.14	17	1	
5	QPSK	12	7	16.41	16.36	16.17			
5	QPSK	12	13	16.41	16.37	16.25			
5	QPSK	25	0	16.49	16.28	16.16	17	1	
5	16QAM	1	0	16.60	16.64	16.41			
5	16QAM	1	12	16.56	16.54	16.38			
5	16QAM	1	24	16.42	16.57	16.31	16	2	
5	16QAM	12	0	15.35	15.27	15.15			
5	16QAM	12	7	15.45	15.31	15.21			
5	16QAM	12	13	15.39	15.38	15.19	16	2	
5	16QAM	25	0	15.41	15.27	15.10			
5	64QAM	1	0	15.52	15.49	15.30			
5	64QAM	1	12	15.46	15.40	15.39	16	2	
5	64QAM	1	24	15.40	15.37	15.27			
5	64QAM	12	0	14.32	14.28	14.20			
5	64QAM	12	7	14.49	14.30	14.17	15	3	
5	64QAM	12	13	14.42	14.35	14.29			
5	64QAM	25	0	14.42	14.33	14.20			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1909.5			
3	QPSK	1	0	17.28	17.23	17.12	18	0	
3	QPSK	1	8	17.24	17.19	17.08			
3	QPSK	1	14	17.15	17.20	17.01			
3	QPSK	8	0	16.33	16.28	16.12	17	1	
3	QPSK	8	4	16.41	16.32	16.18			
3	QPSK	8	7	16.37	16.42	16.23			
3	QPSK	15	0	16.51	16.29	16.09	17	1	
3	16QAM	1	0	16.62	16.67	16.46			
3	16QAM	1	8	16.55	16.49	16.45			
3	16QAM	1	14	16.39	16.58	16.31	16	2	
3	16QAM	8	0	15.41	15.34	15.23			
3	16QAM	8	4	15.45	15.40	15.23			
3	16QAM	8	7	15.36	15.43	15.22	16	2	
3	16QAM	15	0	15.41	15.33	15.19			
3	64QAM	1	0	15.47	15.52	15.28			
3	64QAM	1	8	15.47	15.49	15.33	16	2	
3	64QAM	1	14	15.38	15.41	15.27			
3	64QAM	8	0	14.37	14.33	14.23			
3	64QAM	8	4	14.53	14.34	14.16	15	3	
3	64QAM	8	7	14.43	14.44	14.24			
3	64QAM	15	0	14.44	14.32	14.15			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	17.34	17.21	17.19	18	0	
1.4	QPSK	1	3	17.25	17.18	17.11			
1.4	QPSK	1	5	17.12	17.18	17.00			
1.4	QPSK	3	0	17.32	17.15	17.15	17	1	
1.4	QPSK	3	1	17.24	17.10	17.08			
1.4	QPSK	3	3	17.06	17.15	16.93			
1.4	QPSK	6	0	16.37	16.34	16.12	17	1	
1.4	16QAM	1	0	16.43	16.27	16.16			
1.4	16QAM	1	3	16.44	16.41	16.24			
1.4	16QAM	1	5	16.51	16.28	16.12	17	1	
1.4	16QAM	3	0	16.63	16.59	16.42			
1.4	16QAM	3	1	16.54	16.45	16.44			
1.4	16QAM	3	3	16.43	16.52	16.36	16	2	
1.4	16QAM	6	0	15.31	15.32	15.16			
1.4	64QAM	1	0	15.44	15.35	15.16			
1.4	64QAM	1	3	15.42	15.41	15.23	16	2	
1.4	64QAM	1	5	15.43	15.30	15.19			
1.4	64QAM	3	0	15.50	15.49	15.36			
1.4	64QAM	3	1	15.41	15.41	15.38	16	2	
1.4	64QAM	3	3	15.43	15.44	15.30			
1.4	64QAM	6	0	14.32	14.34	14.18			

Band 2_MIMO2									
BW (MHz)	Modulation Channel	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle 18900	Power High 19100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				18600	18900	19000			
20	QPSK	1	0	16.44	16.65	16.87	17	0	
20	QPSK	1	49	16.43	16.61	16.81			
20	QPSK	1	99	16.41	16.59	16.78	16	1	
20	QPSK	50	0	15.42	15.62	15.88			
20	QPSK	50	24	15.38	15.57	15.94	15	2	
20	QPSK	50	50	15.35	15.55	15.77			
20	QPSK	100	0	15.34	15.63	15.79	14	3	
20	16QAM	1	0	15.40	15.64	15.81			
20	16QAM	1	49	15.35	15.65	15.80	16	1	
20	16QAM	1	99	15.40	15.64	15.82			
20	16QAM	50	0	14.36	14.56	14.85	15	2	
20	16QAM	50	24	14.40	14.55	14.84			
20	16QAM	50	50	14.39	14.65	14.87	14	3	
20	16QAM	100	0	14.34	14.62	14.86			
20	64QAM	1	0	14.39	14.57	14.87	16	1	
20	64QAM	1	49	14.36	14.62	14.79			
20	64QAM	1	99	14.34	14.61	14.78	15	2	
20	64QAM	50	0	13.40	13.63	13.80			
20	64QAM	50	24	13.38	13.60	13.79	14	3	
20	64QAM	50	50	13.36	13.59	13.85			
20	64QAM	100	0	13.37	13.59	13.83	Channel		
Frequency (MHz)				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	16.38	16.65	16.77	17	0	
15	QPSK	1	37	16.43	16.57	16.77			
15	QPSK	1	74	16.36	16.55	16.72	16	1	
15	QPSK	36	0	15.39	15.53	15.80			
15	QPSK	36	20	15.29	15.57	15.77	15	2	
15	QPSK	36	39	15.28	15.52	15.74			
15	QPSK	75	0	15.34	15.63	15.71	16	1	
15	16QAM	1	0	15.34	15.60	15.77			
15	16QAM	1	37	15.32	15.63	15.74	15	2	
15	16QAM	1	74	15.33	15.62	15.73			
15	16QAM	36	0	14.27	14.56	14.75	14	3	
15	16QAM	36	20	14.31	14.46	14.84			
15	16QAM	36	39	14.37	14.55	14.77	16	1	
15	16QAM	75	0	14.30	14.55	14.82			
15	64QAM	1	0	14.30	14.49	14.85	15	2	
15	64QAM	1	37	14.34	14.58	14.79			
15	64QAM	1	74	14.24	14.54	14.74	14	3	
15	64QAM	36	0	13.31	13.61	13.72			
15	64QAM	36	20	13.36	13.52	13.78	16	1	
15	64QAM	36	39	13.27	13.50	13.85			
15	64QAM	75	0	13.36	13.50	13.80	Channel		
Frequency (MHz)				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.39	16.58	16.81	17	0	
10	QPSK	1	25	16.34	16.53	16.71			
10	QPSK	1	49	16.36	16.54	16.68	16	1	
10	QPSK	25	0	15.42	15.53	15.83			
10	QPSK	25	12	15.37	15.55	15.77	15	2	
10	QPSK	25	25	15.34	15.48	15.69			
10	QPSK	50	0	15.28	15.54	15.74	16	1	
10	16QAM	1	0	15.30	15.57	15.80			
10	16QAM	1	25	15.31	15.59	15.77	15	2	
10	16QAM	1	49	15.38	15.57	15.75			
10	16QAM	25	0	14.29	14.49	14.83	14	3	
10	16QAM	25	12	14.30	14.53	14.80			
10	16QAM	25	25	14.36	14.59	14.86	16	1	
10	16QAM	50	0	14.30	14.59	14.80			
10	64QAM	1	0	14.37	14.48	14.80	15	2	
10	64QAM	1	25	14.30	14.55	14.78			
10	64QAM	1	49	14.29	14.56	14.76	14	3	
10	64QAM	25	0	13.31	13.63	13.76			
10	64QAM	25	12	13.29	13.56	13.79	16	1	
10	64QAM	25	25	13.35	13.56	13.81			
10	64QAM	50	0	13.28	13.56	13.74	Channel		
Frequency (MHz)				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	16.39	16.57	16.83	17	0	
5	QPSK	1	12	16.37	16.61	16.73			
5	QPSK	1	24	16.37	16.58	16.72	16	1	
5	QPSK	12	0	15.34	15.60	15.79			
5	QPSK	12	7	15.32	15.50	15.79	15	2	
5	QPSK	12	13	15.29	15.52	15.76			
5	QPSK	25	0	15.33	15.57	15.73	16	1	
5	16QAM	1	0	15.31	15.60	15.75			
5	16QAM	1	12	15.32	15.58	15.75	15	2	
5	16QAM	1	24	15.30	15.59	15.75			
5	16QAM	12	0	14.36	14.48	14.82	14	3	
5	16QAM	12	7	14.38	14.52	14.74			
5	16QAM	12	13	14.35	14.62	14.80	16	1	
5	16QAM	25	0	14.29	14.60	14.80			
5	64QAM	1	0	14.29	14.53	14.87	15	2	
5	64QAM	1	12	14.34	14.57	14.78			
5	64QAM	1	24	14.29	14.59	14.77	14	3	
5	64QAM	12	0	13.38	13.57	13.70			
5	64QAM	12	7	13.34	13.51	13.77	16	1	
5	64QAM	12	13	13.35	13.55	13.76			
5	64QAM	25	0	13.27	13.53	13.74	Channel		
Frequency (MHz)				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	16.35	16.61	16.83	17	0	
3	QPSK	1	8	16.43	16.59	16.81			
3	QPSK	1	14	16.33	16.49	16.72	16	1	
3	QPSK	8	0	15.42	15.53	15.76			
3	QPSK	8	4	15.37	15.57	15.80	15	2	
3	QPSK	8	7	15.34	15.52	15.75			
3	QPSK	15	0	15.28	15.56	15.71	14	3	
3	16QAM	1	0	15.34	15.62	15.72			
3	16QAM	1	8	15.31	15.56	15.76	16	1	
3	16QAM	1	14	15.30	15.60	15.77			
3	16QAM	8	0	14.32	14.53	14.81	15	2	
3	16QAM	8	4	14.35	14.55	14.83			
3	16QAM	8	7	14.34	14.60	14.87	14	3	
3	16QAM	15	0	14.28	14.53	14.81			
3	64QAM	1	0	14.33	14.55	14.84	16	1	
3	64QAM	1	8	14.32	14.52	14.78			
3	64QAM	1	14	14.26	14.51	14.75	15	2	
3	64QAM	8	0	13.40	13.54	13.71			
3	64QAM	8	4	13.28	13.58	13.79	14	3	
3	64QAM	8	7	13.32	13.52	13.77			
3	64QAM	15	0	13.34	13.55	13.79	Channel		
Frequency (MHz)				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	16.34	16.61	16.85	17	0	
1.4	QPSK	1	3	16.41	16.55	16.74			
1.4	QPSK	1	5	16.37	16.53	16.69	16	1	
1.4	QPSK	3	0	16.38	16.63	16.87			
1.4	QPSK	3	1	16.36	16.52	16.71	15	2	
1.4	QPSK	3	3	16.33	16.52	16.77			
1.4	QPSK	8	0	15.29	15.55	15.75	16	1	
1.4	16QAM	1	0	15.29	15.56	15.78			
1.4	16QAM	1	3	15.29	15.58	15.72	15	2	
1.4	16QAM	1	5	15.40	15.56	15.75			
1.4	16QAM	3	0	15.40	15.62	15.72	14	3	
1.4	16QAM	3	1	15.30	15.56	15.70			
1.4	16QAM	3	3	15.33	15.64	15.80	16	1	
1.4	16QAM	8	0	14.34	14.53	14.81			
1.4	64QAM	1	0	14.30	14.55	14.86	15	2	
1.4	64QAM	1	3	14.29	14.58	14.72			
1.4	64QAM	1	5	14.26	14.53	14.77	14	3	
1.4	64QAM	3	0	14.29	14.59	14.87			
1.4	64QAM	3	1	14.32	14.56	14.76	16	1	
1.4	64QAM	3	3	14.27	14.55	14.78			
1.4	64QAM	8	0	13.32	13.60	13.81	15	2	

Band 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2050	20175	20300	18.5	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	18.03	17.97	18.02	17.5	1	
20	QPSK	1	49	17.87	17.89	17.89			
20	QPSK	1	99	17.96	17.86	17.54	17.5	1	
20	QPSK	50	0	17.13	17.09	17.12			
20	QPSK	50	24	17.11	17.04	16.94	16.5	2	
20	QPSK	50	50	17.07	16.91	16.74			
20	QPSK	100	0	17.12	17.08	16.90	16.5	2	
20	16QAM	1	0	17.30	17.35	17.31			
20	16QAM	1	49	17.23	17.28	17.08	16.5	2	
20	16QAM	1	99	17.36	17.01	16.96			
20	16QAM	50	0	16.11	16.13	16.13	15.5	3	
20	16QAM	50	24	16.18	16.07	15.98			
20	16QAM	50	50	16.08	15.96	15.78	15.5	3	
20	16QAM	100	0	16.12	16.03	15.94			
20	64QAM	1	0	16.21	16.12	16.24	15.5	3	
20	64QAM	1	49	16.10	16.08	15.94			
20	64QAM	1	99	16.21	15.91	15.84	15.5	3	
20	64QAM	50	0	15.13	15.15	15.16			
20	64QAM	50	24	15.13	15.09	14.99	15.5	3	
20	64QAM	50	50	15.08	14.97	14.79			
20	64QAM	100	0	15.15	15.09	15.00	Tune-up limit (dBm) MPR (dB)		
Channel				20025	20175	20325	18.5	0	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	17.94	17.96	17.92	17.5	1	
15	QPSK	1	37	17.84	17.80	17.64			
15	QPSK	1	74	17.89	17.65	17.45	17.5	1	
15	QPSK	36	0	17.11	17.05	17.07			
15	QPSK	36	20	17.11	17.04	16.93	16.5	2	
15	QPSK	36	39	17.07	16.85	16.65			
15	QPSK	75	0	17.10	17.05	16.81	16.5	2	
15	16QAM	1	0	17.22	17.28	17.31			
15	16QAM	1	37	17.22	17.23	16.99	16.5	2	
15	16QAM	1	74	17.28	17.01	16.91			
15	16QAM	36	0	16.10	16.09	16.12	15.5	3	
15	16QAM	36	20	16.10	16.00	15.95			
15	16QAM	36	39	16.02	15.93	15.75	15.5	3	
15	16QAM	75	0	16.10	15.93	15.84			
15	64QAM	1	0	16.18	16.11	16.21	15.5	3	
15	64QAM	1	37	16.04	15.98	15.88			
15	64QAM	1	74	16.21	15.91	15.83	15.5	3	
15	64QAM	36	0	15.12	15.14	15.07			
15	64QAM	36	20	15.06	15.00	14.99	15.5	3	
15	64QAM	36	39	14.99	14.96	14.75			
15	64QAM	75	0	15.13	15.07	14.94	Tune-up limit (dBm) MPR (dB)		
Channel				20000	20175	20350	18.5	0	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	17.93	17.95	18.01	17.5	1	
10	QPSK	1	25	17.77	17.79	17.63			
10	QPSK	1	49	17.89	17.64	17.54	17.5	1	
10	QPSK	25	0	17.12	17.00	17.05			
10	QPSK	25	12	17.03	17.03	16.91	16.5	2	
10	QPSK	25	25	17.02	16.83	16.67			
10	QPSK	50	0	17.04	17.07	16.83	16.5	2	
10	16QAM	1	0	17.23	17.33	17.24			
10	16QAM	1	25	17.21	17.20	17.06	16.5	2	
10	16QAM	1	49	17.35	16.97	16.96			
10	16QAM	25	0	16.09	16.08	16.12	15.5	3	
10	16QAM	25	12	16.11	16.06	15.98			
10	16QAM	25	25	16.06	15.91	15.76	15.5	3	
10	16QAM	50	0	16.03	15.93	15.85			
10	64QAM	1	0	16.16	16.09	16.22	15.5	3	
10	64QAM	1	25	16.07	16.05	15.84			
10	64QAM	1	49	16.15	15.91	15.82	15.5	3	
10	64QAM	25	0	15.04	15.10	15.11			
10	64QAM	25	12	15.13	15.00	14.92	15.5	3	
10	64QAM	25	25	15.08	14.93	14.76			
10	64QAM	50	0	15.14	15.09	14.97	Tune-up limit (dBm) MPR (dB)		
Channel				19975	20175	20375	18.5	0	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	17.97	17.92	18.00	17.5	1	
5	QPSK	1	12	17.77	17.81	17.65			
5	QPSK	1	24	17.94	17.57	17.50	17.5	1	
5	QPSK	12	0	17.07	17.06	17.03			
5	QPSK	12	7	17.02	17.01	16.90	16.5	2	
5	QPSK	12	13	17.02	16.88	16.73			
5	QPSK	25	0	17.10	17.07	16.87	16.5	2	
5	16QAM	1	0	17.21	17.28	17.25			
5	16QAM	1	12	17.16	17.18	17.03	16.5	2	
5	16QAM	1	24	17.27	16.91	16.87			
5	16QAM	12	0	16.10	16.13	16.13	15.5	3	
5	16QAM	12	7	16.16	15.98	15.97			
5	16QAM	12	13	16.08	15.91	15.78	15.5	3	
5	16QAM	25	0	16.07	15.95	15.89			
5	64QAM	1	0	16.11	16.03	16.21	15.5	3	
5	64QAM	1	12	16.03	16.04	15.84			
5	64QAM	1	24	16.13	15.86	15.80	15.5	3	
5	64QAM	12	0	15.13	15.10	15.06			
5	64QAM	12	7	15.04	15.05	14.95	15.5	3	
5	64QAM	12	13	15.01	14.93	14.75			
5	64QAM	25	0	15.09	15.08	14.90	Tune-up limit (dBm) MPR (dB)		
Channel				19955	20175	20385	18.5	0	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	17.99	17.83	18.01	17.5	1	
3	QPSK	1	8	17.79	17.82	17.68			
3	QPSK	1	14	17.93	17.58	17.51	17.5	1	
3	QPSK	8	0	17.13	17.06	17.09			
3	QPSK	8	4	17.07	17.02	16.94	16.5	2	
3	QPSK	8	7	17.06	16.86	16.68			
3	QPSK	15	0	17.11	17.04	16.86	16.5	2	
3	16QAM	1	0	17.28	17.27	17.25			
3	16QAM	1	8	17.13	17.22	17.01	16.5	2	
3	16QAM	1	14	17.32	17.01	16.88			
3	16QAM	8	0	16.09	16.08	16.10	15.5	3	
3	16QAM	8	4	16.14	15.97	15.94			
3	16QAM	8	7	16.00	15.94	15.70	15.5	3	
3	16QAM	15	0	16.11	15.95	15.86			
3	64QAM	1	0	16.14	16.08	16.21	15.5	3	
3	64QAM	1	8	16.03	16.05	15.94			
3	64QAM	1	14	16.13	15.85	15.74	15.5	3	
3	64QAM	8	0	15.11	15.11	15.11			
3	64QAM	8	4	15.09	15.05	14.93	15.5	3	
3	64QAM	8	7	14.99	14.92	14.76			
3	64QAM	15	0	15.05	15.06	14.95	Tune-up limit (dBm) MPR (dB)		
Channel				19957	20175	20390	18.5	0	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	18.02	17.99	18.02	17.5	1	
1.4	QPSK	1	3	17.84	17.81	17.69			
1.4	QPSK	1	5	17.93	17.61	17.51	16.5	2	
1.4	QPSK	3	0	17.85	17.67	17.94			
1.4	QPSK	3	1	17.75	17.72	17.64	17.5	1	
1.4	QPSK	3	3	17.86	17.60	17.49			
1.4	QPSK	6	0	17.86	17.08	17.04	16.5	2	
1.4	16QAM	1	3	17.04	17.03	16.85			
1.4	16QAM	3	3	16.99	16.88	16.69	17.5	1	
1.4	16QAM	1	5	17.07	17.08	16.82			
1.4	16QAM	3	0	17.25	17.34	17.25	16.5	2	
1.4	16QAM	3	1	17.14	17.22	17.06			
1.4	16QAM	3	3	17.29	16.92	16.88	16.5	2	
1.4	16QAM	1	0	16.02	16.06	16.09			
1.4	64QAM	1	0	16.18	16.01	15.97	15.5	3	
1.4	64QAM	1	3	16.06	15.88	15.85			
1.4	64QAM	1	5	16.10	15.94	15.85	15.5	3	
1.4	64QAM	3	0	16.13	16.07	16.20			
1.4	64QAM	3	1	16.03	15.98	15.84	15.5	3	
1.4	64QAM	3	3	16.16	15.89	15.80			
1.4	64QAM	8	0	15.15	15.07	14.91	15.5	3	
1.4	64QAM	8	0	15.15	15.07	14.91			

Band 5									
PRB [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	21.5	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	20.66	20.62	20.60	20.5	1	
10	QPSK	1	25	20.57	20.55	20.51			
10	QPSK	1	49	20.56	20.50	20.44			
10	QPSK	25	0	19.67	19.66	19.63	20.5	1	
10	QPSK	25	12	19.75	19.65	19.62			
10	QPSK	25	25	19.73	19.66	19.67			
10	QPSK	50	0	19.75	19.63	19.64	20.5	1	
10	16QAM	1	0	20.02	19.99	20.00			
10	16QAM	1	25	19.96	19.97	19.96			
10	16QAM	1	49	19.98	19.99	19.95	19.5	2	
10	16QAM	25	0	18.68	18.59	18.60			
10	16QAM	25	12	18.78	18.64	18.61			
10	16QAM	25	25	18.72	18.67	18.65	19.5	2	
10	16QAM	50	0	18.76	18.62	18.61			
10	64QAM	1	0	18.96	18.84	18.86			
10	64QAM	1	25	18.87	18.85	18.84	19.5	2	
10	64QAM	1	49	18.82	18.79	18.75			
10	64QAM	25	0	17.73	17.72	17.67			
10	64QAM	25	12	17.81	17.70	17.69	18.5	3	
10	64QAM	25	25	17.79	17.73	17.73			
10	64QAM	50	0	17.77	17.65	17.65			
Channel				20425	20525	20625	21.5	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	20.57	20.53	20.55	21.5	0	
5	QPSK	1	12	20.50	20.50	20.42			
5	QPSK	1	24	20.54	20.40	20.39			
5	QPSK	12	0	19.63	19.60	19.56	20.5	1	
5	QPSK	12	7	19.72	19.56	19.53			
5	QPSK	12	13	19.70	19.62	19.67			
5	QPSK	25	0	19.75	19.56	19.58	20.5	1	
5	16QAM	1	0	20.01	19.92	19.96			
5	16QAM	1	12	19.91	19.87	19.85			
5	16QAM	1	24	19.92	19.84	19.79	19.5	2	
5	16QAM	12	0	18.67	18.50	18.60			
5	16QAM	12	7	18.77	18.62	18.59			
5	16QAM	12	13	18.63	18.65	18.65	19.5	2	
5	16QAM	25	0	18.68	18.60	18.51			
5	64QAM	1	0	18.84	18.84	18.85			
5	64QAM	1	12	18.77	18.77	18.84	19.5	2	
5	64QAM	1	24	18.74	18.76	18.74			
5	64QAM	12	0	17.68	17.66	17.61			
5	64QAM	12	7	17.75	17.63	17.59	18.5	3	
5	64QAM	12	13	17.70	17.68	17.63			
5	64QAM	25	0	17.74	17.64	17.56			
Channel				20415	20525	20635	21.5	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	20.64	20.58	20.50	21.5	0	
3	QPSK	1	8	20.50	20.49	20.43			
3	QPSK	1	14	20.55	20.41	20.36			
3	QPSK	8	0	19.63	19.62	19.55	20.5	1	
3	QPSK	8	4	19.70	19.60	19.59			
3	QPSK	8	7	19.67	19.65	19.62			
3	QPSK	15	0	19.65	19.61	19.55	20.5	1	
3	16QAM	1	0	20.00	19.99	19.91			
3	16QAM	1	8	19.95	19.92	19.85			
3	16QAM	1	14	19.89	19.87	19.82	19.5	2	
3	16QAM	8	0	18.62	18.54	18.60			
3	16QAM	8	4	18.76	18.61	18.52			
3	16QAM	8	7	18.67	18.67	18.60	19.5	2	
3	16QAM	15	0	18.72	18.61	18.60			
3	64QAM	1	0	18.81	18.84	18.84			
3	64QAM	1	8	18.78	18.85	18.77	19.5	2	
3	64QAM	1	14	18.81	18.77	18.75			
3	64QAM	8	0	17.63	17.65	17.64			
3	64QAM	8	4	17.73	17.64	17.66	18.5	3	
3	64QAM	8	7	17.74	17.67	17.64			
3	64QAM	15	0	17.71	17.61	17.64			
Channel				20407	20525	20643	21.5	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	20.59	20.59	20.52	21.5	0	
1.4	QPSK	1	3	20.49	20.46	20.44			
1.4	QPSK	1	5	20.48	20.46	20.34			
1.4	QPSK	3	0	20.50	20.55	20.52	21.5	0	
1.4	QPSK	3	1	20.42	20.42	20.41			
1.4	QPSK	3	3	20.42	20.44	20.28			
1.4	QPSK	6	0	19.66	19.63	19.61	20.5	1	
1.4	16QAM	1	0	19.73	19.64	19.53			
1.4	16QAM	1	3	19.69	19.58	19.61			
1.4	16QAM	1	5	19.70	19.62	19.61	20.5	1	
1.4	16QAM	3	0	19.96	19.97	19.92			
1.4	16QAM	3	1	19.86	19.95	19.83			
1.4	16QAM	3	3	19.90	19.89	19.83	19.5	2	
1.4	16QAM	6	0	18.62	18.59	18.53			
1.4	64QAM	1	0	18.74	18.58	18.55			
1.4	64QAM	1	3	18.69	18.59	18.55	19.5	2	
1.4	64QAM	1	5	18.72	18.55	18.55			
1.4	64QAM	3	0	18.85	18.78	18.78			
1.4	64QAM	3	1	18.78	18.79	18.80	18.5	3	
1.4	64QAM	3	3	18.78	18.72	18.66			
1.4	64QAM	6	0	17.75	17.60	17.61			

Band 7									
PRW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	15	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.58	14.56	14.43	14	1	
20	QPSK	1	48	14.50	14.48	14.27			
20	QPSK	1	99	14.57	14.55	14.28			
20	QPSK	50	0	13.77	13.72	13.68	14	1	
20	QPSK	50	24	13.67	13.69	13.59			
20	QPSK	50	50	13.70	13.64	13.57			
20	QPSK	100	0	13.62	13.72	13.69	14	1	
20	16QAM	1	0	13.90	13.83	13.77			
20	16QAM	1	48	14.00	13.91	13.78			
20	16QAM	1	99	13.93	13.96	13.80	13	2	
20	16QAM	50	0	12.75	12.73	12.70			
20	16QAM	50	24	12.83	12.79	12.68			
20	16QAM	50	50	12.88	12.74	12.67	13	2	
20	16QAM	100	0	12.83	12.71	12.69			
20	64QAM	1	0	12.73	12.80	12.68			
20	64QAM	1	48	12.82	12.82	12.68	13	2	
20	64QAM	1	99	12.95	12.76	12.73			
20	64QAM	50	0	11.76	11.76	11.71			
20	64QAM	50	24	11.88	11.78	11.69	12	3	
20	64QAM	50	50	11.80	11.79	11.70			
20	64QAM	100	0	11.88	11.76	11.69			
Channel				20825	21100	21375	15	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	14.51	14.46	14.38	15	0	
15	QPSK	1	37	14.49	14.43	14.17			
15	QPSK	1	74	14.50	14.47	14.28			
15	QPSK	36	0	13.71	13.62	13.66	14	1	
15	QPSK	36	20	13.64	13.64	13.55			
15	QPSK	36	39	13.68	13.64	13.52			
15	QPSK	75	0	13.77	13.62	13.67	14	1	
15	16QAM	1	0	13.89	13.89	13.73			
15	16QAM	1	37	13.99	13.88	13.74			
15	16QAM	1	74	13.88	13.86	13.70	13	2	
15	16QAM	36	0	12.89	12.89	12.62			
15	16QAM	36	20	12.75	12.73	12.61			
15	16QAM	36	39	12.79	12.64	12.67	13	2	
15	16QAM	75	0	12.81	12.71	12.63			
15	64QAM	1	0	12.67	12.76	12.63			
15	64QAM	1	37	12.75	12.79	12.67	13	2	
15	64QAM	1	74	12.92	12.86	12.69			
15	64QAM	36	0	11.75	11.69	11.67			
15	64QAM	36	20	11.79	11.71	11.68	12	3	
15	64QAM	36	39	11.89	11.76	11.66			
15	64QAM	75	0	11.84	11.70	11.61			
Channel				20800	21100	21400	15	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	14.51	14.46	14.39	15	0	
10	QPSK	1	25	14.47	14.40	14.24			
10	QPSK	1	49	14.46	14.47	14.20			
10	QPSK	25	0	13.71	13.72	13.58	14	1	
10	QPSK	25	12	13.57	13.67	13.59			
10	QPSK	25	25	13.70	13.67	13.47			
10	QPSK	50	0	13.74	13.63	13.64	14	1	
10	16QAM	1	0	13.83	13.83	13.74			
10	16QAM	1	25	13.97	13.90	13.71			
10	16QAM	1	49	13.83	13.92	13.72	13	2	
10	16QAM	25	0	12.70	12.71	12.63			
10	16QAM	25	12	12.82	12.75	12.68			
10	16QAM	25	25	12.83	12.67	12.58	13	2	
10	16QAM	50	0	12.73	12.85	12.58			
10	64QAM	1	0	12.65	12.73	12.59			
10	64QAM	1	25	12.79	12.74	12.58	13	2	
10	64QAM	1	49	12.94	12.70	12.71			
10	64QAM	25	0	11.67	11.75	11.61			
10	64QAM	25	12	11.88	11.69	11.63	12	3	
10	64QAM	25	25	11.67	11.71	11.62			
10	64QAM	50	0	11.86	11.74	11.64			
Channel				20775	21100	21425	15	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	14.49	14.50	14.35	15	0	
5	QPSK	1	12	14.50	14.45	14.25			
5	QPSK	1	24	14.52	14.48	14.24			
5	QPSK	12	0	13.74	13.70	13.64	14	1	
5	QPSK	12	7	13.64	13.68	13.55			
5	QPSK	12	13	13.68	13.54	13.54			
5	QPSK	25	0	13.79	13.68	13.63	14	1	
5	16QAM	1	0	13.85	13.84	13.72			
5	16QAM	1	12	13.98	13.88	13.75			
5	16QAM	1	24	13.90	13.96	13.71	13	2	
5	16QAM	12	0	12.72	12.73	12.69			
5	16QAM	12	7	12.73	12.74	12.65			
5	16QAM	12	13	12.85	12.68	12.58	13	2	
5	16QAM	25	0	12.83	12.65	12.67			
5	64QAM	1	0	12.70	12.80	12.66			
5	64QAM	1	12	12.82	12.73	12.68	13	2	
5	64QAM	1	24	12.91	12.89	12.69			
5	64QAM	12	0	11.75	11.70	11.65			
5	64QAM	12	7	11.87	11.74	11.66	12	3	
5	64QAM	12	13	11.83	11.74	11.66			
5	64QAM	25	0	11.81	11.69	11.63			

Band 7_MIMO2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	16	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	15.90	15.99	15.19	15	1	
20	QPSK	1	49	15.84	15.98	15.17			
20	QPSK	1	99	15.80	15.90	15.10	15	1	
20	QPSK	50	0	14.88	14.98	14.18			
20	QPSK	50	24	14.86	14.96	14.12	14	2	
20	QPSK	50	50	14.85	13.94	14.10			
20	QPSK	100	0	14.82	14.94	14.10	13	3	
20	16QAM	1	0	14.86	14.92	14.12			
20	16QAM	1	49	14.83	14.94	14.16	14	2	
20	16QAM	1	99	14.85	14.94	14.11			
20	16QAM	50	0	13.86	13.99	13.14	13	3	
20	16QAM	50	24	13.80	13.99	13.14			
20	16QAM	50	50	13.82	13.94	13.11	13	3	
20	16QAM	100	0	13.82	13.94	13.19			
20	64QAM	1	0	13.83	13.96	13.13	14	2	
20	64QAM	1	49	13.84	13.98	13.14			
20	64QAM	1	99	13.83	13.99	13.10	13	3	
20	64QAM	50	0	12.84	12.93	12.19			
20	64QAM	50	24	12.83	12.93	12.10	13	3	
20	64QAM	50	50	12.83	12.90	12.14			
20	64QAM	100	0	12.88	12.96	12.11			
Channel				20925	21100	21375	16	0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	15.89	15.90	15.18	15	1	
15	QPSK	1	37	15.80	15.94	15.08			
15	QPSK	1	74	15.80	15.41	15.03	15	1	
15	QPSK	36	0	14.94	14.45	14.04			
15	QPSK	36	20	14.78	14.48	14.07	14	2	
15	QPSK	36	39	14.83	14.93	14.10			
15	QPSK	75	0	14.72	14.92	14.09	15	1	
15	16QAM	1	0	14.77	14.90	14.04			
15	16QAM	1	37	14.78	14.93	14.06	14	2	
15	16QAM	1	74	14.75	14.91	14.06			
15	16QAM	36	0	13.77	13.98	13.09	13	3	
15	16QAM	36	20	13.76	13.97	13.10			
15	16QAM	36	39	13.81	13.91	13.03	14	2	
15	16QAM	75	0	13.81	13.44	13.16			
15	64QAM	1	0	13.83	13.46	13.08	15	1	
15	64QAM	1	37	13.80	13.98	13.08			
15	64QAM	1	74	13.77	13.93	13.10	13	3	
15	64QAM	36	0	12.82	12.91	12.19			
15	64QAM	36	20	12.73	12.49	12.03	13	3	
15	64QAM	36	39	12.74	12.49	12.04			
15	64QAM	75	0	12.88	12.91	12.05			
Channel				20900	21100	21400	16	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	15.85	15.91	15.11	15	1	
10	QPSK	1	25	15.83	15.49	15.15			
10	QPSK	1	49	15.72	15.40	15.01	15	1	
10	QPSK	25	0	14.88	14.91	14.08			
10	QPSK	25	12	14.78	14.94	14.15	14	2	
10	QPSK	25	25	14.84	14.90	14.02			
10	QPSK	50	0	14.77	14.93	14.08	15	1	
10	16QAM	1	0	14.81	14.90	14.06			
10	16QAM	1	25	14.81	14.92	14.09	14	2	
10	16QAM	1	49	14.77	14.47	14.11			
10	16QAM	25	0	13.85	13.49	13.12	13	3	
10	16QAM	25	12	13.74	13.91	13.12			
10	16QAM	25	25	13.73	13.48	13.04	14	2	
10	16QAM	50	0	13.74	13.48	13.09			
10	64QAM	1	0	13.73	13.90	13.10	13	3	
10	64QAM	1	25	13.81	13.49	13.14			
10	64QAM	1	49	13.83	13.90	13.01	14	2	
10	64QAM	25	0	12.79	12.46	12.14			
10	64QAM	25	12	12.75	12.92	12.05	13	3	
10	64QAM	25	25	12.76	12.46	12.05			
10	64QAM	50	0	12.86	12.90	12.05			
Channel				20775	21100	21425	16	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	15.80	15.98	15.19	15	1	
5	QPSK	1	12	15.74	15.49	15.08			
5	QPSK	1	24	15.80	15.49	15.08	15	1	
5	QPSK	12	0	14.79	14.93	14.05			
5	QPSK	12	7	14.85	14.98	14.15	14	2	
5	QPSK	12	13	14.85	14.47	14.05			
5	QPSK	25	0	14.79	14.47	14.05	15	1	
5	16QAM	1	0	14.77	14.92	14.07			
5	16QAM	1	12	14.75	14.92	14.14	14	2	
5	16QAM	1	24	14.85	14.91	14.02			
5	16QAM	12	0	13.85	13.49	13.09	13	3	
5	16QAM	12	7	13.74	13.98	13.07			
5	16QAM	12	13	13.79	13.44	13.10	14	2	
5	16QAM	25	0	13.77	13.46	13.09			
5	64QAM	1	0	13.76	13.96	13.06	15	1	
5	64QAM	1	12	13.80	13.93	13.08			
5	64QAM	1	24	13.81	13.49	13.00	13	3	
5	64QAM	12	0	12.82	12.48	12.19			
5	64QAM	12	7	12.80	12.44	12.08	14	2	
5	64QAM	12	13	12.76	12.49	12.04			
5	64QAM	25	0	12.78	12.46	12.07			

Band 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				762					
10	QPSK	1	0		20.79		22	0	
10	QPSK	1	25		20.76				
10	QPSK	1	49		20.74				
10	QPSK	25	0		19.83		21	1	
10	QPSK	25	12		19.78				
10	QPSK	25	25		19.80				
10	QPSK	50	0		19.82		21	1	
10	16QAM	1	0		20.10				
10	16QAM	1	25		20.14				
10	16QAM	1	49		20.07		20	2	
10	16QAM	25	0		18.91				
10	16QAM	25	12		18.91				
10	16QAM	25	25		18.90		20	2	
10	16QAM	50	0		18.93				
10	64QAM	1	0		18.94		20	2	
10	64QAM	1	25		19.06				
10	64QAM	1	49		18.99				
10	64QAM	25	0		17.91		19	3	
10	64QAM	25	12		17.95				
10	64QAM	25	25		17.98				
10	64QAM	50	0		17.98				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	792	794.5			
5	QPSK	1	0	20.78	20.76	20.70	22	0	
5	QPSK	1	12	20.72	20.76	20.66			
5	QPSK	1	24	20.72	20.64	20.67			
5	QPSK	12	0	19.83	19.79	19.74	21	1	
5	QPSK	12	7	19.73	19.74	19.69			
5	QPSK	12	13	19.72	19.77	19.75			
5	QPSK	25	0	19.79	19.74	19.73	21	1	
5	16QAM	1	0	20.05	20.03	20.04			
5	16QAM	1	12	20.11	20.05	20.07			
5	16QAM	1	24	20.07	20.06	19.97	20	2	
5	16QAM	12	0	18.87	18.85	18.83			
5	16QAM	12	7	18.86	18.83	18.91			
5	16QAM	12	13	18.86	18.80	18.90	20	2	
5	16QAM	25	0	18.87	18.92	18.85			
5	64QAM	1	0	18.93	18.86	18.84			
5	64QAM	1	12	18.99	19.03	18.95	20	2	
5	64QAM	1	24	18.98	18.99	18.95			
5	64QAM	12	0	17.86	17.81	17.86	19	3	
5	64QAM	12	7	17.95	17.92	17.85			
5	64QAM	12	13	17.96	17.96	17.89			
5	64QAM	25	0	17.81	17.82	17.81			

Band 14								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		20.33		21.5	0
10	QPSK	1	25		20.27			
10	QPSK	1	49		20.28			
10	QPSK	25	0		19.47		20.5	1
10	QPSK	25	12		19.38			
10	QPSK	25	25		19.43			
10	QPSK	50	0		19.36		20.5	1
10	16QAM	1	0		19.71			
10	16QAM	1	25		19.70			
10	16QAM	1	49		19.67		19.5	2
10	16QAM	25	0		18.37			
10	16QAM	25	12		18.39			
10	16QAM	25	25		18.42		19.5	2
10	16QAM	50	0		18.38			
10	64QAM	1	0		18.57			
10	64QAM	1	25		18.65		18.5	2
10	64QAM	1	49		18.60			
10	64QAM	25	0		17.40			
10	64QAM	25	12		17.43		18.5	3
10	64QAM	25	25		17.45			
10	64QAM	50	0		17.41			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	20.29	20.32	20.23	21.5	0
5	QPSK	1	12	20.21	20.21	20.23		
5	QPSK	1	24	20.22	20.25	20.20		
5	QPSK	12	0	19.43	19.45	19.43	20.5	1
5	QPSK	12	7	19.30	19.29	19.28		
5	QPSK	12	13	19.34	19.41	19.37		
5	QPSK	25	0	19.34	19.32	19.28	20.5	1
5	16QAM	1	0	19.64	19.63	19.61		
5	16QAM	1	12	19.65	19.67	19.64		
5	16QAM	1	24	19.62	19.64	19.66	19.5	2
5	16QAM	12	0	18.28	18.29	18.33		
5	16QAM	12	7	18.29	18.36	18.33		
5	16QAM	12	13	18.33	18.37	18.36	18.5	3
5	16QAM	25	0	18.30	18.37	18.34		
5	64QAM	1	0	18.56	18.48	18.53		
5	64QAM	1	12	18.64	18.61	18.65	17.32	17.32
5	64QAM	1	24	18.50	18.60	18.57		
5	64QAM	12	0	17.39	17.37	17.32		
5	64QAM	12	7	17.35	17.42	17.43	17.38	17.40
5	64QAM	12	13	17.37	17.44	17.35		
5	64QAM	25	0	17.32	17.38	17.40		

Band 25									
BW (MHz)	Modulation Channel	RB Size	RB Offset Ch. / Freq.	Power Low Ch. / Freq.	Power Middle 26340	Power High 26590	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	17.43	17.34	17.28	18	0	
20	QPSK	1	49	17.34	17.30	17.21			
20	QPSK	1	99	17.33	17.23	17.13			
20	QPSK	50	0	16.65	16.45	16.39	17	1	
20	QPSK	50	24	16.62	16.42	16.36			
20	QPSK	50	50	16.53	16.43	16.37			
20	QPSK	100	0	16.61	16.42	16.40	17	1	
20	16QAM	1	0	16.83	16.71	16.63			
20	16QAM	1	49	16.73	16.63	16.53			
20	16QAM	1	99	16.59	16.62	16.52	16	2	
20	16QAM	50	0	15.58	15.44	15.39			
20	16QAM	50	24	15.58	15.54	15.42			
20	16QAM	50	50	15.57	15.50	15.37	16	2	
20	16QAM	100	0	15.58	15.46	15.41			
20	64QAM	1	0	15.70	15.59	15.44			
20	64QAM	1	49	15.69	15.56	15.45	16	2	
20	64QAM	1	99	15.62	15.56	15.40			
20	64QAM	50	0	14.61	14.47	14.40			
20	64QAM	50	24	14.61	14.52	14.44	15	3	
20	64QAM	50	50	14.58	14.49	14.40			
20	64QAM	100	0	14.58	14.46	14.39			
Channel				26115	26340	26615			
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	17.37	17.26	17.17	18	0	
15	QPSK	1	37	17.28	17.21	17.16			
15	QPSK	1	74	17.24	17.13	17.13			
15	QPSK	36	0	16.58	16.39	16.35	17	1	
15	QPSK	36	20	16.54	16.37	16.28			
15	QPSK	36	39	16.44	16.34	16.30			
15	QPSK	75	0	16.52	16.41	16.30	17	1	
15	16QAM	1	0	16.78	16.62	16.56			
15	16QAM	1	37	16.73	16.68	16.52			
15	16QAM	1	74	16.51	16.56	16.51	16	2	
15	16QAM	36	0	15.50	15.41	15.38			
15	16QAM	36	20	15.55	15.45	15.38			
15	16QAM	36	39	15.57	15.46	15.37	16	2	
15	16QAM	75	0	15.51	15.39	15.39			
15	64QAM	1	0	15.60	15.49	15.43			
15	64QAM	1	37	15.69	15.56	15.39	16	2	
15	64QAM	1	74	15.56	15.55	15.36			
15	64QAM	36	0	14.57	14.47	14.34			
15	64QAM	36	20	14.59	14.42	14.36	15	3	
15	64QAM	36	39	14.49	14.39	14.39			
15	64QAM	75	0	14.56	14.43	14.31			
Channel				26090	26340	26640			
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	17.35	17.29	17.26	18	0	
10	QPSK	1	25	17.32	17.23	17.15			
10	QPSK	1	49	17.28	17.19	17.07			
10	QPSK	25	0	16.57	16.37	16.37	17	1	
10	QPSK	25	12	16.58	16.39	16.28			
10	QPSK	25	25	16.47	16.41	16.29			
10	QPSK	50	0	16.59	16.39	16.31	17	1	
10	16QAM	1	0	16.81	16.66	16.57			
10	16QAM	1	25	16.70	16.56	16.52			
10	16QAM	1	49	16.59	16.60	16.42	16	2	
10	16QAM	25	0	15.52	15.34	15.31			
10	16QAM	25	12	15.51	15.51	15.40			
10	16QAM	25	25	15.52	15.49	15.27	16	2	
10	16QAM	50	0	15.51	15.38	15.32			
10	64QAM	1	0	15.65	15.53	15.39			
10	64QAM	1	25	15.64	15.52	15.41	16	2	
10	64QAM	1	49	15.57	15.56	15.32			
10	64QAM	25	0	14.54	14.38	14.36			
10	64QAM	25	12	14.55	14.46	14.34	15	3	
10	64QAM	25	25	14.58	14.47	14.35			
10	64QAM	50	0	14.58	14.41	14.33			
Channel				26055	26340	26655			
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	17.40	17.25	17.25	18	0	
5	QPSK	1	12	17.32	17.28	17.16			
5	QPSK	1	24	17.32	17.19	17.12			
5	QPSK	12	0	16.64	16.43	16.37	17	1	
5	QPSK	12	7	16.61	16.35	16.32			
5	QPSK	12	13	16.49	16.34	16.28			
5	QPSK	25	0	16.56	16.38	16.33	17	1	
5	16QAM	1	0	16.76	16.69	16.57			
5	16QAM	1	12	16.71	16.62	16.52			
5	16QAM	1	24	16.58	16.62	16.51	16	2	
5	16QAM	12	0	15.56	15.44	15.39			
5	16QAM	12	7	15.52	15.54	15.36			
5	16QAM	12	13	15.48	15.46	15.36	15	3	
5	16QAM	25	0	15.49	15.39	15.33			
5	64QAM	1	0	15.65	15.59	15.44			
5	64QAM	1	12	15.66	15.50	15.42	16	2	
5	64QAM	1	24	15.60	15.53	15.31			
5	64QAM	12	0	14.53	14.37	14.30			
5	64QAM	12	7	14.59	14.44	14.41	15	3	
5	64QAM	12	13	14.48	14.45	14.35			
5	64QAM	25	0	14.58	14.44	14.33			
Channel				26055	26340	26675			
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	17.38	17.28	17.22	18	0	
3	QPSK	1	8	17.26	17.22	17.17			
3	QPSK	1	14	17.26	17.17	17.05			
3	QPSK	8	0	16.56	16.35	16.32	17	1	
3	QPSK	8	4	16.59	16.42	16.31			
3	QPSK	8	7	16.43	16.37	16.28			
3	QPSK	15	0	16.57	16.36	16.30	17	1	
3	16QAM	1	0	16.76	16.69	16.54			
3	16QAM	1	8	16.65	16.55	16.43			
3	16QAM	1	14	16.51	16.59	16.49	16	2	
3	16QAM	8	0	15.48	15.44	15.30			
3	16QAM	8	4	15.58	15.50	15.38			
3	16QAM	8	7	15.53	15.48	15.32	16	2	
3	16QAM	15	0	15.50	15.46	15.35			
3	64QAM	1	0	15.62	15.58	15.44			
3	64QAM	1	8	15.61	15.54	15.45	15	3	
3	64QAM	1	14	15.59	15.47	15.40			
3	64QAM	8	0	14.52	14.43	14.38			
3	64QAM	8	4	14.52	14.49	14.39	15	3	
3	64QAM	8	7	14.52	14.46	14.31			
3	64QAM	15	0	14.49	14.37	14.37			
Channel				26047	26340	26683			
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	17.34	17.31	17.24	18	0	
1.4	QPSK	1	3	17.27	17.22	17.12			
1.4	QPSK	1	5	17.26	17.15	17.09			
1.4	QPSK	3	0	17.27	17.21	17.22	17	1	
1.4	QPSK	3	1	17.20	17.22	17.04			
1.4	QPSK	3	3	17.20	17.07	17.03			
1.4	QPSK	6	0	16.55	16.44	16.29	17	1	
1.4	16QAM	1	0	16.59	16.49	16.35			
1.4	16QAM	1	3	16.45	16.35	16.35			
1.4	16QAM	1	5	16.60	16.39	16.40	17	1	
1.4	16QAM	3	0	16.75	16.61	16.53			
1.4	16QAM	3	1	16.67	16.59	16.50			
1.4	16QAM	3	3	16.56	16.53	16.45	16	2	
1.4	16QAM	6	0	15.54	15.39	15.39			
1.4	64QAM	1	0	15.49	15.45	15.37			
1.4	64QAM	1	3	15.49	15.45	15.34	16	2	
1.4	64QAM	1	5	15.51	15.36	15.39			
1.4	64QAM	3	0	15.70	15.57	15.34			
1.4	64QAM	3	1	15.65	15.48	15.41	15	3	
1.4	64QAM	3	3	15.59	15.49	15.40			
1.4	64QAM	8	0	15.55	14.46	14.32			

Band 26									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	21.5	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	20.72	20.82	20.70	21.5	0	
15	QPSK	1	37	20.62	20.81	20.60			
15	QPSK	1	74	20.66	20.75	20.52	20.5	1	
15	QPSK	36	0	19.78	19.94	19.77			
15	QPSK	36	20	19.82	19.92	19.71	20.5	1	
15	QPSK	36	39	19.78	19.93	19.77			
15	QPSK	75	0	19.84	19.89	19.71	20.5	1	
15	16QAM	1	0	20.03	20.11	20.05			
15	16QAM	1	37	20.00	20.12	19.99	19.5	2	
15	16QAM	1	74	19.97	20.04	19.80			
15	16QAM	36	0	18.79	18.94	18.80	19.5	2	
15	16QAM	36	20	18.82	18.90	18.71			
15	16QAM	36	39	18.78	18.95	18.73	19.5	2	
15	16QAM	75	0	18.83	18.92	18.75			
15	64QAM	1	0	18.94	18.98	18.90	18.5	3	
15	64QAM	1	37	18.85	19.03	18.87			
15	64QAM	1	74	18.89	18.93	18.71	18.5	3	
15	64QAM	36	0	17.83	17.98	17.83			
15	64QAM	36	20	17.87	17.97	17.75	18.5	3	
15	64QAM	36	39	17.80	18.01	17.81			
15	64QAM	75	0	17.84	17.93	17.75	21.5	0	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	21.5	0	
10	QPSK	1	0	20.65	20.77	20.65		21.5	
10	QPSK	1	25	20.53	20.79	20.56	20.5	1	
10	QPSK	1	49	20.61	20.69	20.49			
10	QPSK	25	0	19.74	19.88	19.69	19.5	2	
10	QPSK	25	12	19.81	19.91	19.62			
10	QPSK	25	25	19.68	19.83	19.72	18.5	3	
10	QPSK	50	0	19.78	19.81	19.64			
10	16QAM	1	0	19.99	20.04	19.95	20.5	1	
10	16QAM	1	25	19.91	20.12	19.98			
10	16QAM	1	49	19.97	19.99	19.75	19.5	2	
10	16QAM	25	0	18.72	18.83	18.70			
10	16QAM	25	12	18.78	18.89	18.70	18.5	3	
10	16QAM	25	25	18.78	18.89	18.68			
10	16QAM	50	0	18.76	18.84	18.66	18.5	3	
10	64QAM	1	0	18.85	18.95	18.82			
10	64QAM	1	25	18.83	18.97	18.83	18.5	3	
10	64QAM	1	49	18.82	18.96	18.64			
10	64QAM	25	0	17.75	17.86	17.73	18.5	3	
10	64QAM	25	12	17.87	17.87	17.73			
10	64QAM	25	25	17.71	17.96	17.77	18.5	3	
10	64QAM	50	0	17.76	17.93	17.71			
Channel				26715	26865	27015	21.5	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	20.66	20.74	20.60	21.5	0	
5	QPSK	1	12	20.58	20.77	20.51			
5	QPSK	1	24	20.59	20.75	20.48	20.5	1	
5	QPSK	12	0	19.68	19.90	19.70			
5	QPSK	12	7	19.72	19.82	19.70	19.5	2	
5	QPSK	12	13	19.70	19.84	19.70			
5	QPSK	25	0	19.81	19.89	19.62	20.5	1	
5	16QAM	1	0	19.98	20.07	19.99			
5	16QAM	1	12	19.98	20.08	19.92	19.5	2	
5	16QAM	1	24	19.97	20.02	19.74			
5	16QAM	12	0	18.71	18.90	18.71	19.5	2	
5	16QAM	12	7	18.81	18.89	18.61			
5	16QAM	12	13	18.75	18.87	18.68	19.5	2	
5	16QAM	25	0	18.79	18.90	18.67			
5	64QAM	1	0	18.91	18.93	18.85	18.5	3	
5	64QAM	1	12	18.78	18.97	18.82			
5	64QAM	1	24	18.84	18.90	18.66	18.5	3	
5	64QAM	12	0	17.75	17.89	17.75			
5	64QAM	12	7	17.81	17.87	17.69	18.5	3	
5	64QAM	12	13	17.70	17.94	17.77			
5	64QAM	25	0	17.74	17.93	17.72	21.5	0	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	21.5	0	
3	QPSK	1	0	20.70	20.77	20.62		21.5	
3	QPSK	1	8	20.62	20.71	20.59	20.5	1	
3	QPSK	1	14	20.57	20.66	20.45			
3	QPSK	8	0	19.76	19.87	19.68	19.5	2	
3	QPSK	8	4	19.74	19.84	19.69			
3	QPSK	8	7	19.76	19.85	19.72	18.5	3	
3	QPSK	15	0	19.76	19.89	19.70			
3	16QAM	1	0	19.97	20.09	19.98	20.5	1	
3	16QAM	1	8	19.99	20.07	19.94			
3	16QAM	1	14	19.91	19.99	19.73	19.5	2	
3	16QAM	8	0	18.71	18.94	18.71			
3	16QAM	8	4	18.76	18.94	18.61	18.5	3	
3	16QAM	8	7	18.75	18.95	18.71			
3	16QAM	15	0	18.78	18.85	18.73	19.5	2	
3	64QAM	1	0	18.89	18.97	18.89			
3	64QAM	1	8	18.83	19.02	18.82	18.5	3	
3	64QAM	1	14	18.82	18.94	18.69			
3	64QAM	8	0	17.80	17.92	17.82	18.5	3	
3	64QAM	8	4	17.78	17.95	17.68			
3	64QAM	8	7	17.79	17.95	17.75	18.5	3	
3	64QAM	15	0	17.76	17.86	17.73			
Channel				26697	26865	27033	21.5	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	20.67	20.81	20.61	21.5	0	
1.4	QPSK	1	3	20.60	20.77	20.60			
1.4	QPSK	1	5	20.58	20.75	20.46	20.5	1	
1.4	QPSK	3	0	20.65	20.73	20.53			
1.4	QPSK	3	1	20.59	20.69	20.59	20.5	1	
1.4	QPSK	3	3	20.53	20.71	20.43			
1.4	QPSK	6	0	19.74	19.86	19.73	19.5	2	
1.4	16QAM	1	0	19.79	19.86	19.61			
1.4	16QAM	1	3	19.76	19.91	19.75	19.5	2	
1.4	16QAM	1	5	19.81	19.82	19.70			
1.4	16QAM	3	0	19.94	20.06	20.05	19.5	2	
1.4	16QAM	3	1	19.90	20.06	19.90			
1.4	16QAM	3	3	19.89	20.02	19.79	18.5	3	
1.4	16QAM	6	0	18.72	18.85	18.75			
1.4	64QAM	1	0	18.77	18.81	18.65	18.5	3	
1.4	64QAM	1	3	18.75	18.91	18.66			
1.4	64QAM	1	5	18.75	18.88	18.72	18.5	3	
1.4	64QAM	3	0	18.90	18.97	18.80			
1.4	64QAM	3	1	18.76	19.02	18.82	18.5	3	
1.4	64QAM	3	3	18.79	18.87	18.65			
1.4	64QAM	6	0	17.81	17.87	17.68	18.5	3	
1.4	64QAM	6	0	17.81	17.87	17.68			

Band 30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				27710			18	0	
Frequency (MHz)				2310					
10	QPSK	1	0		17.67		17	1	
10	QPSK	1	25		17.56				
10	QPSK	1	49		17.53				
10	QPSK	25	0		16.69		17	1	
10	QPSK	25	12		16.69				
10	QPSK	25	25		16.66				
10	QPSK	50	0		16.71		17	1	
10	16QAM	1	0		17.00				
10	16QAM	1	25		17.00				
10	16QAM	1	49		16.98		16	2	
10	16QAM	25	0		15.75				
10	16QAM	25	12		15.67				
10	16QAM	25	25		15.72		16	2	
10	16QAM	50	0		15.86				
10	64QAM	1	0		15.90		16	2	
10	64QAM	1	25		15.90				
10	64QAM	1	49		15.77				
10	64QAM	25	0		14.75		15	3	
10	64QAM	25	12		14.73				
10	64QAM	25	25		14.86				
10	64QAM	50	0		14.70				
Channel				27695	27710	27735	18	0	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	17.63	17.62	17.62	17	1	
5	QPSK	1	12	17.49	17.54	17.46			
5	QPSK	1	24	17.43	17.49	17.44			
5	QPSK	12	0	16.66	16.59	16.62	17	1	
5	QPSK	12	7	16.68	16.59	16.60			
5	QPSK	12	13	16.63	16.57	16.59			
5	QPSK	25	0	16.62	16.69	16.68	17	1	
5	16QAM	1	0	16.98	16.94	16.97			
5	16QAM	1	12	16.96	16.98	17.00			
5	16QAM	1	24	16.89	16.88	16.96	16	2	
5	16QAM	12	0	15.66	15.66	15.75			
5	16QAM	12	7	15.58	15.81	15.63			
5	16QAM	12	13	15.62	15.69	15.66	16	2	
5	16QAM	25	0	15.68	15.60	15.58			
5	64QAM	1	0	15.89	15.81	15.85			
5	64QAM	1	12	15.88	15.85	15.85	15	2	
5	64QAM	1	24	15.74	15.72	15.71			
5	64QAM	12	0	14.75	14.67	14.72			
5	64QAM	12	7	14.66	14.69	14.68	15	3	
5	64QAM	12	13	14.61	14.63	14.58			
5	64QAM	25	0	14.60	14.64	14.65			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.00	17.77	17.69			
20	QPSK	1	49	17.85	17.84	17.65	18.5	0	
20	QPSK	1	99	17.74	17.59	17.50			
20	QPSK	50	0	17.06	16.88	16.75			
20	QPSK	50	24	16.95	16.84	16.71			
20	QPSK	50	50	16.89	16.78	16.75	17.5	1	
20	QPSK	100	0	16.91	16.79	16.73			
20	16QAM	1	0	17.30	17.14	17.06			
20	16QAM	1	49	17.23	17.01	16.93	17.5	1	
20	16QAM	1	99	17.09	16.98	16.88			
20	16QAM	50	0	16.08	15.90	15.79			
20	16QAM	50	24	15.97	15.85	15.76	16.5	2	
20	16QAM	50	50	15.91	15.83	15.75			
20	16QAM	100	0	15.93	15.83	15.73			
20	64QAM	1	0	16.21	16.03	15.94			
20	64QAM	1	49	16.10	15.87	15.85	16.5	2	
20	64QAM	1	99	15.94	15.85	15.75			
20	64QAM	50	0	15.10	14.91	14.79			
20	64QAM	50	24	14.97	14.87	14.77	15.5	3	
20	64QAM	50	50	14.92	14.82	14.79			
20	64QAM	100	0	14.94	14.83	14.73			
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.94	17.71	17.59			
15	QPSK	1	37	17.77	17.60	17.65	18.5	0	
15	QPSK	1	74	17.71	17.52	17.43			
15	QPSK	36	0	17.04	16.85	16.75			
15	QPSK	36	20	16.91	16.78	16.68	17.5	1	
15	QPSK	36	39	16.84	16.68	16.70			
15	QPSK	75	0	16.84	16.74	16.72			
15	16QAM	1	0	17.27	17.14	17.02			
15	16QAM	1	37	17.23	16.98	16.85	17.5	1	
15	16QAM	1	74	17.06	16.88	16.75			
15	16QAM	36	0	15.98	15.88	15.73			
15	16QAM	36	20	15.90	15.78	15.73	16.5	2	
15	16QAM	36	39	15.89	15.81	15.72			
15	16QAM	75	0	15.87	15.83	15.73			
15	64QAM	1	0	16.12	16.00	15.85			
15	64QAM	1	37	16.08	15.83	15.75	16.5	2	
15	64QAM	1	74	15.90	15.77	15.72			
15	64QAM	36	0	15.02	14.82	14.75			
15	64QAM	36	20	14.95	14.83	14.76	15.5	3	
15	64QAM	36	39	14.90	14.77	14.70			
15	64QAM	75	0	14.86	14.82	14.68			
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	17.97	17.72	17.63			
10	QPSK	1	25	17.83	17.63	17.59	18.5	0	
10	QPSK	1	49	17.71	17.57	17.43			
10	QPSK	25	0	16.96	16.81	16.75			
10	QPSK	25	12	16.92	16.80	16.71	17.5	1	
10	QPSK	25	25	16.84	16.68	16.75			
10	QPSK	50	0	16.81	16.75	16.73			
10	16QAM	1	0	17.30	17.11	17.09			
10	16QAM	1	25	17.14	16.92	16.84	17.5	1	
10	16QAM	1	49	17.03	16.95	16.81			
10	16QAM	25	0	16.04	15.82	15.72			
10	16QAM	25	12	15.90	15.75	15.76	16.5	2	
10	16QAM	25	25	15.87	15.75	15.74			
10	16QAM	50	0	15.85	15.80	15.68			
10	64QAM	1	0	16.15	15.97	15.93			
10	64QAM	1	25	16.08	15.79	15.77	16.5	2	
10	64QAM	1	49	15.84	15.82	15.69			
10	64QAM	25	0	15.04	14.84	14.79			
10	64QAM	25	12	14.87	14.82	14.74	15.5	3	
10	64QAM	25	25	14.92	14.74	14.79			
10	64QAM	50	0	14.86	14.73	14.72			
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	17.99	17.89	17.67			
5	QPSK	1	12	17.82	17.66	17.58	18.5	0	
5	QPSK	1	24	17.74	17.59	17.50			
5	QPSK	12	0	16.96	16.82	16.67			
5	QPSK	12	7	16.91	16.84	16.61	17.5	1	
5	QPSK	12	13	16.89	16.77	16.68			
5	QPSK	25	0	16.81	16.72	16.70			
5	16QAM	1	0	17.29	17.09	17.00			
5	16QAM	1	12	17.19	16.91	16.86	17.5	1	
5	16QAM	1	24	17.09	16.92	16.86			
5	16QAM	12	0	16.04	15.87	15.77			
5	16QAM	12	7	15.94	15.85	15.73	16.5	2	
5	16QAM	12	13	15.84	15.79	15.75			
5	16QAM	25	0	15.84	15.81	15.67			
5	64QAM	1	0	16.20	15.94	15.92			
5	64QAM	1	12	16.02	15.85	15.83	16.5	2	
5	64QAM	1	24	15.88	15.76	15.66			
5	64QAM	12	0	15.00	14.91	14.77			
5	64QAM	12	7	14.97	14.85	14.77	15.5	3	
5	64QAM	12	13	14.84	14.76	14.69			
5	64QAM	25	0	14.92	14.79	14.71			
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.99	17.73	17.64			
3	QPSK	1	8	17.76	17.56	17.58	18.5	0	
3	QPSK	1	14	17.68	17.51	17.40			
3	QPSK	8	0	16.98	16.86	16.74			
3	QPSK	8	4	16.91	16.74	16.67	17.5	1	
3	QPSK	8	7	16.81	16.69	16.74			
3	QPSK	15	0	16.82	16.76	16.69			
3	16QAM	1	0	17.29	17.08	17.07			
3	16QAM	1	8	17.23	16.95	16.91	17.5	1	
3	16QAM	1	14	17.04	16.92	16.77			
3	16QAM	8	0	16.07	15.80	15.79			
3	16QAM	8	4	15.94	15.83	15.75	16.5	2	
3	16QAM	8	7	15.90	15.79	15.69			
3	16QAM	15	0	15.85	15.82	15.65			
3	64QAM	1	0	16.13	15.97	15.86			
3	64QAM	1	8	16.02	15.85	15.77	16.5	2	
3	64QAM	1	14	15.85	15.82	15.74			
3	64QAM	8	0	15.09	14.87	14.73			
3	64QAM	8	4	14.87	14.77	14.72	15.5	3	
3	64QAM	8	7	14.94	14.76	14.71			
3	64QAM	15	0	14.88	14.77	14.70			
Channel				131979	132322	132685			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	17.90	17.77	17.64			
1.4	QPSK	1	3	17.83	17.60	17.62	18.5	0	
1.4	QPSK	1	5	17.69	17.54	17.48			
1.4	QPSK	3	0	17.67	17.66	17.62			
1.4	QPSK	3	1	17.83	17.60	17.52			
1.4	QPSK	3	3	17.61	17.53	17.38			
1.4	QPSK	6	0	17.04	16.85	16.67	17.5	1	
1.4	16QAM	1	0	16.86	16.84	16.67			
1.4	16QAM	1	3	16.88	16.72	16.71			
1.4	16QAM	1	5	16.91	16.74	16.67	17.5	1	
1.4	16QAM	3	0	17.27	17.11	17.03			
1.4	16QAM	3	1	17.20	16.94	16.93			
1.4	16QAM	3	3	17.03	16.95	16.78			
1.4	16QAM	6	0	16.05	15.82	15.70	16.5	2	
1.4	64QAM	1	0	15.96	15.79	15.70			
1.4	64QAM	1	3	15.84	15.79	15.71			
1.4	64QAM	1	5	15.88	15.79	15.69	16.5	2	
1.4	64QAM	3	0	16.17	15.94	15.87			
1.4	64QAM	3	1	16.01	15.83	15.80			
1.4	64QAM	3	3	15.90	15.80	15.66			
1.4	64QAM	6	0	14.87	14.75	14.70	15.5	3	

Band 66_MIMO2										
BW [MHz]	Modulation n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				130072	130322	130572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	16.62	16.81	16.06		17	0	
20	QPSK	1	49	16.58	16.80	16.04				
20	QPSK	1	99	16.52	16.78	16.03				
20	QPSK	50	0	15.62	15.81	14.98		16	1	
20	QPSK	50	24	15.55	15.80	14.90				
20	QPSK	50	50	15.50	15.71	14.87				
20	QPSK	100	0	15.58	15.79	14.98		16	1	
20	16QAM	1	0	15.57	15.77	14.96				
20	16QAM	1	49	15.57	15.74	15.02				
20	16QAM	1	99	15.54	15.74	15.01		15	1	
20	16QAM	50	0	14.57	14.74	14.03				
20	16QAM	50	24	14.57	14.80	13.98				
20	16QAM	50	50	14.56	14.74	14.03		15	2	
20	16QAM	100	0	14.62	14.76	13.99				
20	64QAM	1	0	14.57	14.74	13.98				
20	64QAM	1	49	14.58	14.81	14.03		15	2	
20	64QAM	1	99	14.61	14.71	13.98				
20	64QAM	50	0	13.60	13.78	13.06				
20	64QAM	50	24	13.61	13.73	13.05		14	3	
20	64QAM	50	50	13.59	13.79	12.98				
20	64QAM	100	0	13.61	13.72	12.96				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	16.62	16.74	15.98		17	0	
15	QPSK	1	37	16.50	16.76	16.00				
15	QPSK	1	74	16.48	16.70	15.93				
15	QPSK	36	0	15.54	15.80	14.90		16	1	
15	QPSK	36	20	15.54	15.78	14.90				
15	QPSK	36	39	15.45	15.69	14.82				
15	QPSK	75	0	15.52	15.78	14.91		16	1	
15	16QAM	1	0	15.51	15.67	14.86				
15	16QAM	1	37	15.54	15.65	14.99				
15	16QAM	1	74	15.46	15.73	14.99		15	2	
15	16QAM	36	0	14.48	14.85	13.95				
15	16QAM	36	20	14.55	14.80	13.97				
15	16QAM	36	39	14.49	14.65	14.02		15	2	
15	16QAM	75	0	14.62	14.76	13.90				
15	64QAM	1	0	14.49	14.66	13.97				
15	64QAM	1	37	14.56	14.76	13.97		15	2	
15	64QAM	1	74	14.52	14.67	13.93				
15	64QAM	36	0	13.52	13.69	13.02				
15	64QAM	36	20	13.51	13.69	13.04		14	3	
15	64QAM	36	39	13.51	13.72	12.90				
15	64QAM	75	0	13.60	13.68	12.92				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	16.54	16.79	16.04		17	0	
10	QPSK	1	25	16.52	16.72	15.96				
10	QPSK	1	49	16.43	16.70	16.01				
10	QPSK	25	0	15.52	15.74	14.94		16	1	
10	QPSK	25	12	15.46	15.79	14.84				
10	QPSK	25	25	15.43	15.61	14.84				
10	QPSK	50	0	15.55	15.72	14.91		16	1	
10	16QAM	1	0	15.57	15.76	14.92				
10	16QAM	1	25	15.53	15.84	15.01				
10	16QAM	1	49	15.54	15.64	14.99		15	2	
10	16QAM	25	0	14.52	14.69	13.95				
10	16QAM	25	12	14.56	14.77	13.92				
10	16QAM	25	25	14.56	14.65	13.97		15	2	
10	16QAM	50	0	14.56	14.76	13.98				
10	64QAM	1	0	14.56	14.73	13.92				
10	64QAM	1	25	14.58	14.73	14.00		15	2	
10	64QAM	1	49	14.61	14.70	13.96				
10	64QAM	25	0	13.56	13.77	12.97				
10	64QAM	25	12	13.52	13.64	13.05		14	3	
10	64QAM	25	25	13.59	13.73	12.96				
10	64QAM	50	0	13.58	13.70	12.96				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	16.62	16.73	16.05		17	0	
5	QPSK	1	12	16.52	16.76	15.96				
5	QPSK	1	24	16.46	16.71	15.94				
5	QPSK	12	0	15.54	15.74	14.89		16	1	
5	QPSK	12	7	15.45	15.77	14.87				
5	QPSK	12	13	15.43	15.65	14.80				
5	QPSK	25	0	15.55	15.76	14.97		16	1	
5	16QAM	1	0	15.49	15.77	14.87				
5	16QAM	1	12	15.52	15.64	14.97				
5	16QAM	1	24	15.50	15.71	14.92		15	2	
5	16QAM	12	0	14.52	14.69	14.04				
5	16QAM	12	7	14.49	14.75	13.96				
5	16QAM	12	13	14.50	14.69	13.95		15	2	
5	16QAM	25	0	14.61	14.72	13.97				
5	64QAM	1	0	14.48	14.73	13.94				
5	64QAM	1	12	14.52	14.81	13.93		15	2	
5	64QAM	1	24	14.51	14.68	13.96				
5	64QAM	12	0	13.54	13.77	13.02				
5	64QAM	12	7	13.61	13.70	12.95		14	3	
5	64QAM	12	13	13.54	13.79	12.92				
5	64QAM	25	0	13.60	13.65	12.93				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1775.5				
3	QPSK	1	0	16.62	16.81	16.03		17	0	
3	QPSK	1	8	16.50	16.72	16.00				
3	QPSK	1	14	16.46	16.76	16.03				
3	QPSK	8	0	15.59	15.73	14.96		16	1	
3	QPSK	8	4	15.46	15.72	14.81				
3	QPSK	8	7	15.40	15.63	14.84				
3	QPSK	15	0	15.55	15.77	14.97		16	1	
3	16QAM	1	0	15.50	15.77	14.94				
3	16QAM	1	8	15.55	15.68	14.96				
3	16QAM	1	14	15.45	15.64	14.92		15	2	
3	16QAM	8	0	14.47	14.72	14.02				
3	16QAM	8	4	14.56	14.72	13.95				
3	16QAM	8	7	14.55	14.64	13.96		15	2	
3	16QAM	15	0	14.57	14.67	13.95				
3	64QAM	1	0	14.53	14.65	13.93				
3	64QAM	1	8	14.56	14.76	13.99		15	2	
3	64QAM	1	14	14.52	14.68	13.94				
3	64QAM	8	0	13.60	13.69	12.97				
3	64QAM	8	4	13.52	13.68	13.03		14	3	
3	64QAM	8	7	13.59	13.72	12.90				
3	64QAM	15	0	13.51	13.66	12.91				
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1775.3				
1.4	QPSK	1	0	16.55	16.78	16.02		17	0	
1.4	QPSK	1	3	16.56	16.80	16.03				
1.4	QPSK	1	5	16.45	16.78	16.02				
1.4	QPSK	3	0	16.59	16.80	16.04		16	1	
1.4	QPSK	3	1	16.67	16.75	16.01				
1.4	QPSK	3	3	16.47	16.71	15.97				
1.4	QPSK	6	0	15.54	15.78	14.95		16	1	
1.4	16QAM	1	0	15.52	15.72	14.94				
1.4	16QAM	1	3	15.53	15.72	15.00				
1.4	16QAM	1	5	15.54	15.70	14.91		16	1	
1.4	16QAM	3	0	15.48	15.69	14.90				
1.4	16QAM	3	1	15.67	15.70	14.99				
1.4	16QAM	3	3	15.46	15.65	14.97		15	2	
1.4	16QAM	6	0	14.55	14.73	13.97				
1.4	16QAM	6	1	14.57	14.74	13.99				
1.4	16QAM	1	3	14.53	14.76	13.93		15	2	
1.4	16QAM	1	5	14.59	14.63	13.98				
1.4	16QAM	3	0	14.47	14.70	13.94				
1.4	16QAM	3	1	14.49	14.79	13.96		14	3	
1.4	16QAM	3	3	14.52	14.62	13.94				
1.4	16QAM	13	0	13.58	13.63	12.95				

Band 38									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.89	23.92	23.91	24.5	0	
20	QPSK	1	49	23.85	23.89	23.85			
20	QPSK	1	99	23.82	23.77	23.81	23.5	1	
20	QPSK	50	0	22.87	22.96	22.92			
20	QPSK	50	24	22.85	22.82	22.90	23.5	1	
20	QPSK	50	50	22.89	22.87	22.82			
20	QPSK	100	0	22.83	23.00	22.98	23.5	1	
20	16QAM	1	0	22.81	22.92	22.82			
20	16QAM	1	49	22.87	22.93	22.92	22.5	2	
20	16QAM	1	99	22.91	22.93	22.92			
20	16QAM	50	0	21.92	21.99	21.93	22.5	2	
20	16QAM	50	24	21.87	21.83	21.98			
20	16QAM	50	50	21.83	22.00	21.86	22.5	2	
20	16QAM	100	0	21.87	21.93	21.88			
20	64QAM	1	0	21.70	21.56	21.59	22.5	2	
20	64QAM	1	49	21.53	21.54	21.50			
20	64QAM	1	99	21.50	21.53	21.58	21.5	3	
20	64QAM	50	0	20.99	21.00	20.98			
20	64QAM	50	24	20.88	20.84	20.84	21.5	3	
20	64QAM	50	50	21.00	20.99	20.84			
20	64QAM	100	0	20.86	20.82	20.83	2577.5	2595	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	24.5	0	
15	QPSK	1	0	23.82	23.89	23.90		24.5	
15	QPSK	1	37	23.81	23.85	23.80	23.5	1	
15	QPSK	1	74	23.75	23.74	23.76			
15	QPSK	36	0	22.92	22.95	22.91	23.5	1	
15	QPSK	36	20	22.84	22.94	22.99			
15	QPSK	36	39	22.99	22.95	22.99	23.5	1	
15	QPSK	75	0	22.95	22.94	22.88			
15	16QAM	1	0	22.87	22.93	22.94	23.5	1	
15	16QAM	1	37	22.87	22.88	22.90			
15	16QAM	1	74	22.81	22.87	22.89	22.5	2	
15	16QAM	36	0	22.04	21.89	22.03			
15	16QAM	36	20	22.05	22.02	21.98	22.5	2	
15	16QAM	36	39	21.94	21.90	21.97			
15	16QAM	75	0	22.07	22.02	22.00	22.5	2	
15	64QAM	1	0	21.67	21.52	21.56			
15	64QAM	1	37	21.43	21.48	21.45	21.5	3	
15	64QAM	1	74	21.46	21.52	21.57			
15	64QAM	36	0	21.05	20.99	21.05	21.5	3	
15	64QAM	36	20	21.01	21.03	21.04			
15	64QAM	36	39	20.93	20.99	20.98	3777.5	38000	
15	64QAM	75	0	20.88	20.98	21.03			
Channel				37800	38000	38200	2575.5	2595	
Frequency (MHz)				2575.5	2595	2615			
10	QPSK	1	0	23.85	23.91	23.91	24.5	0	
10	QPSK	1	25	23.79	23.81	23.76			
10	QPSK	1	49	23.81	23.71	23.78	23.5	1	
10	QPSK	25	0	23.00	22.90	22.95			
10	QPSK	25	12	22.95	22.93	23.00	23.5	1	
10	QPSK	25	25	22.89	22.90	22.92			
10	QPSK	50	0	22.95	22.93	22.88	23.5	1	
10	16QAM	1	0	22.96	22.97	22.97			
10	16QAM	1	25	22.89	22.92	22.84	22.5	2	
10	16QAM	1	49	22.82	22.89	22.89			
10	16QAM	25	0	21.93	21.98	21.95	22.5	2	
10	16QAM	25	12	21.95	21.93	21.96			
10	16QAM	25	25	21.93	21.90	21.97	22.5	2	
10	16QAM	50	0	21.83	21.94	21.83			
10	64QAM	1	0	21.67	21.53	21.58	22.5	2	
10	64QAM	1	25	21.53	21.52	21.44			
10	64QAM	1	49	21.50	21.50	21.51	21.5	3	
10	64QAM	25	0	20.82	20.99	20.99			
10	64QAM	25	12	20.88	20.98	20.94	3777.5	38000	
10	64QAM	25	25	20.90	20.90	20.84			
10	64QAM	50	0	20.99	20.81	20.94	2572.5	2595	
Channel				3777.5	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	24.5	0	
5	QPSK	1	0	23.87	23.90	23.90		24.5	
5	QPSK	1	12	23.78	23.77	23.76	23.5	1	
5	QPSK	1	24	23.80	23.70	23.74			
5	QPSK	12	0	22.94	22.91	22.96	23.5	1	
5	QPSK	12	7	22.92	22.96	22.93			
5	QPSK	12	13	22.92	22.91	22.99	23.5	1	
5	QPSK	25	0	22.96	22.99	22.88			
5	16QAM	1	0	22.91	23.00	22.95	22.5	2	
5	16QAM	1	12	22.91	22.85	22.88			
5	16QAM	1	24	22.82	22.93	22.90	22.5	2	
5	16QAM	12	0	21.84	21.99	21.94			
5	16QAM	12	7	22.00	21.81	21.93	22.5	2	
5	16QAM	12	13	21.98	21.99	21.98			
5	16QAM	25	0	21.98	21.93	21.94	22.5	2	
5	64QAM	1	0	21.66	21.58	21.50			
5	64QAM	1	12	21.43	21.54	21.44	21.5	3	
5	64QAM	1	24	21.43	21.50	21.54			
5	64QAM	12	0	21.00	20.95	20.94	21.5	3	
5	64QAM	12	7	20.96	20.94	20.94			
5	64QAM	12	13	20.92	20.92	20.96	20.99	20.95	
5	64QAM	25	0	20.99	20.95	20.93			

Band 41											
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)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.86	23.91	24.08	24.03	23.92	24.5	0	
20	QPSK	1	49	23.88	23.85	23.95	23.83	23.79			
20	QPSK	1	99	23.90	23.80	24.01	23.81	23.82			
20	QPSK	50	0	23.01	23.03	23.12	23.04	22.88	23.5	1	
20	QPSK	50	24	23.05	23.02	23.06	23.01	22.93			
20	QPSK	50	50	23.02	22.97	23.09	22.91	22.90			
20	QPSK	100	0	23.05	23.02	23.12	22.99	22.85	23.5	1	
20	16QAM	1	0	23.01	23.05	23.22	23.15	22.96			
20	16QAM	1	49	23.00	22.97	23.06	22.94	22.86			
20	16QAM	1	99	23.06	22.95	23.10	22.87	22.91	22.5	2	
20	16QAM	50	0	22.05	22.10	22.09	22.09	21.91			
20	16QAM	50	24	22.08	22.07	22.15	22.02	21.99			
20	16QAM	50	50	22.06	22.02	22.10	21.96	21.94	22.5	2	
20	16QAM	100	0	22.08	22.04	22.13	22.00	21.88			
20	64QAM	1	0	21.58	21.64	21.70	21.75	21.42			
20	64QAM	1	49	21.56	21.57	21.59	21.53	21.46	22.5	2	
20	64QAM	1	99	21.65	21.53	21.57	21.41	21.46			
20	64QAM	50	0	21.07	21.07	21.11	21.08	20.91			
20	64QAM	50	24	21.09	21.07	21.15	21.02	20.98	21.5	3	
20	64QAM	50	50	21.09	21.03	21.10	20.96	20.93			
20	64QAM	100	0	21.09	21.05	21.12	21.02	20.88			
Channel				39725	40173	40620	41080	41540	Tune-up limit (dBm)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5	MPR (dB)		
15	QPSK	1	0	23.85	23.84	24.04	24.03	23.91	24.5	0	
15	QPSK	1	37	23.84	23.85	23.86	23.81	23.71			
15	QPSK	1	74	23.83	23.80	24.01	23.80	23.75			
15	QPSK	36	0	22.97	22.93	23.04	23.02	22.87	23.5	1	
15	QPSK	36	20	23.05	22.96	23.07	22.89	22.81			
15	QPSK	36	39	22.99	22.92	23.07	22.89	22.81			
15	QPSK	75	0	22.96	22.96	23.09	22.93	22.80	23.5	1	
15	16QAM	1	0	23.00	22.98	23.14	23.05	22.87			
15	16QAM	1	37	22.99	22.90	23.05	22.88	22.82			
15	16QAM	1	74	23.05	22.96	23.03	22.86	22.89	22.5	2	
15	16QAM	36	0	21.95	22.09	22.07	22.04	21.87			
15	16QAM	36	20	22.01	21.97	22.13	22.00	21.93			
15	16QAM	36	39	21.98	22.01	22.09	21.89	21.85	22.5	2	
15	16QAM	75	0	22.03	21.96	22.07	21.96	21.88			
15	64QAM	1	0	21.55	21.55	21.65	21.69	21.39			
15	64QAM	1	37	21.47	21.54	21.56	21.50	21.42	22.5	2	
15	64QAM	1	74	21.60	21.51	21.50	21.40	21.43			
15	64QAM	36	0	21.02	21.00	21.02	20.99	20.85			
15	64QAM	36	20	21.08	21.06	21.13	20.84	20.97	21.5	3	
15	64QAM	36	39	21.05	21.02	21.01	20.82	20.93			
15	64QAM	75	0	21.04	21.01	21.10	20.95	20.82			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		
Frequency (MHz)				2450	2547	2593	2639	2685	MPR (dB)		
10	QPSK	1	0	23.81	23.88	24.01	24.01	23.82	24.5	0	
10	QPSK	1	25	23.83	23.85	23.91	23.80	23.69			
10	QPSK	1	49	23.85	23.74	23.87	23.73	23.72			
10	QPSK	25	0	22.95	22.96	23.03	22.94	22.79	23.5	1	
10	QPSK	25	12	23.05	22.96	23.08	22.96	22.92			
10	QPSK	25	25	22.98	22.96	23.03	22.84	22.82			
10	QPSK	50	0	22.96	22.94	23.06	22.93	22.80	23.5	1	
10	16QAM	1	0	22.98	22.99	23.15	23.15	22.87			
10	16QAM	1	25	23.00	22.87	23.00	22.92	22.84			
10	16QAM	1	49	23.05	22.91	23.00	22.82	22.82	22.5	2	
10	16QAM	25	0	21.96	22.03	22.06	22.08	21.88			
10	16QAM	25	12	22.07	22.06	22.13	21.92	21.95			
10	16QAM	25	25	22.02	21.98	22.07	21.93	21.93	22.5	2	
10	16QAM	50	0	22.00	21.96	22.04	21.93	21.81			
10	64QAM	1	0	21.57	21.61	21.69	21.74	21.34			
10	64QAM	1	25	21.47	21.55	21.52	21.50	21.37	22.5	2	
10	64QAM	1	49	21.63	21.63	21.55	21.41	21.37			
10	64QAM	25	0	21.02	20.96	21.05	20.86	20.83			
10	64QAM	25	12	21.04	20.95	21.10	21.02	20.97	21.5	3	
10	64QAM	25	25	21.02	20.95	21.07	20.86	20.91			
10	64QAM	50	0	21.08	21.05	21.08	20.88	20.87			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)		
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5	MPR (dB)		
5	QPSK	1	0	23.76	23.85	24.04	24.03	23.89	24.5	0	
5	QPSK	1	12	23.82	23.79	23.90	23.82	23.72			
5	QPSK	1	24	23.82	23.75	23.95	23.76	23.79			
5	QPSK	12	0	22.93	23.02	22.96	22.96	22.88	23.5	1	
5	QPSK	12	7	23.05	23.01	23.12	22.96	22.93			
5	QPSK	12	13	23.01	22.87	23.00	22.89	22.83			
5	QPSK	25	0	23.03	22.96	23.12	22.89	22.83	23.5	1	
5	16QAM	1	0	23.01	22.95	23.17	23.12	22.95			
5	16QAM	1	12	22.91	22.96	23.02	22.94	22.79			
5	16QAM	1	24	23.03	22.95	23.10	22.87	22.91	22.5	2	
5	16QAM	12	0	21.98	22.06	21.99	22.04	21.81			
5	16QAM	12	7	21.99	22.03	22.09	21.96	21.97			
5	16QAM	12	13	22.06	21.94	22.03	21.90	21.91	22.5	2	
5	16QAM	25	0	22.05	21.99	22.08	21.93	21.85			
5	64QAM	1	0	21.56	21.54	21.67	21.75	21.33			
5	64QAM	1	12	21.56	21.54	21.57	21.52	21.45	22.5	2	
5	64QAM	1	24	21.61	21.52	21.48	21.37	21.46			
5	64QAM	12	0	21.03	20.98	21.06	21.08	20.86			
5	64QAM	12	7	21.07	21.04	21.11	20.97	20.97	21.5	3	
5	64QAM	12	13	21.02	21.03	21.06	20.91	20.90			
5	64QAM	25	0	21.08	21.05	21.07	20.86	20.82			

Band 41_HPUE												
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)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	26.51	26.57	26.72	26.23	25.67	27	0		
20	QPSK	1	49	26.55	26.52	26.60	26.26	25.47				
20	QPSK	1	99	26.55	26.48	26.57	25.99	24.71				
20	QPSK	50	0	25.83	25.80	25.84	25.41	24.94	26	1		
20	QPSK	50	24	25.82	25.80	25.83	25.43	24.52				
20	QPSK	50	50	25.79	25.76	25.80	25.38	24.03				
20	QPSK	100	0	25.80	25.78	25.83	25.34	24.35	26	1		
20	16QAM	1	0	25.98	25.96	26.04	25.52	24.98				
20	16QAM	1	49	25.91	25.87	25.93	25.60	24.82				
20	16QAM	1	99	25.93	25.83	25.87	25.34	24.05	25	2		
20	16QAM	50	0	24.84	24.86	24.91	24.59	24.02				
20	16QAM	50	24	24.89	24.86	24.93	24.59	23.68				
20	16QAM	50	50	24.89	24.78	24.92	24.54	23.23	25	2		
20	16QAM	100	0	24.89	24.85	24.90	24.49	23.51				
20	64QAM	1	0	26.71	25.86	25.98	25.50	25.10				
20	64QAM	1	49	25.89	25.79	25.96	25.54	24.82	25	2		
20	64QAM	1	99	25.87	25.79	25.80	25.22	23.98				
20	64QAM	50	0	24.79	24.79	24.79	24.54	23.98				
20	64QAM	50	24	24.83	24.81	24.90	24.55	23.61	24	3		
20	64QAM	50	50	24.80	24.75	24.83	24.49	23.24				
20	64QAM	100	0	24.88	24.86	24.94	24.52	23.60				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5				
15	QPSK	1	0	26.41	26.47	26.65	26.15	25.57	27	0		
15	QPSK	1	37	26.55	26.43	26.56	26.19	25.43				
15	QPSK	1	74	26.53	26.39	26.55	25.95	24.64				
15	QPSK	36	0	25.79	25.75	25.79	25.32	24.91	26	1		
15	QPSK	36	20	25.84	25.73	25.76	25.37	24.51				
15	QPSK	36	39	25.76	25.66	25.71	25.31	24.03				
15	QPSK	75	0	25.75	25.74	25.79	25.29	24.25	26	1		
15	16QAM	1	0	25.89	25.96	26.00	25.44	24.95				
15	16QAM	1	37	25.88	25.77	25.93	25.52	24.79				
15	16QAM	1	74	25.92	25.77	25.83	25.29	24.04	25	2		
15	16QAM	36	0	24.80	24.77	24.83	24.51	23.99				
15	16QAM	36	20	24.84	24.80	24.89	24.58	23.64				
15	16QAM	36	39	24.89	24.75	24.85	24.48	23.15	25	2		
15	16QAM	75	0	24.80	24.78	24.88	24.43	23.47				
15	64QAM	1	0	25.98	25.86	25.97	25.45	25.09				
15	64QAM	1	37	25.85	25.69	25.89	25.44	24.74	25	2		
15	64QAM	1	74	25.86	25.72	25.80	25.20	23.92				
15	64QAM	36	0	24.74	24.78	24.74	24.46	23.97				
15	64QAM	36	20	24.75	24.72	24.86	24.45	23.53	24	3		
15	64QAM	36	39	24.70	24.75	24.83	24.47	23.16				
15	64QAM	75	0	24.79	24.81	24.94	24.51	23.54				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				24501	25247	2569	2639	2685				
10	QPSK	1	0	26.44	26.50	26.71	26.21	25.58	27	0		
10	QPSK	1	25	26.51	26.44	26.56	26.16	25.38				
10	QPSK	1	49	26.51	26.46	26.56	25.94	24.69				
10	QPSK	25	0	25.77	25.75	25.80	25.32	24.89	26	1		
10	QPSK	25	12	25.81	25.79	25.81	25.38	24.52				
10	QPSK	25	25	25.73	25.69	25.73	25.32	23.99				
10	QPSK	50	0	25.75	25.76	25.75	25.29	24.32	26	1		
10	16QAM	1	0	25.91	25.94	26.02	25.48	24.91				
10	16QAM	1	25	25.90	25.85	25.84	25.59	24.79				
10	16QAM	1	49	25.86	25.80	25.86	25.31	23.95	25	2		
10	16QAM	25	0	24.78	24.79	24.82	24.52	23.97				
10	16QAM	25	12	24.84	24.83	24.88	24.49	23.66				
10	16QAM	25	25	24.86	24.77	24.89	24.49	23.18	25	2		
10	16QAM	50	0	24.86	24.85	24.81	24.39	23.41				
10	64QAM	1	0	25.97	25.80	25.89	25.50	25.10				
10	64QAM	1	25	25.89	25.69	25.89	25.48	24.73	25	2		
10	64QAM	1	49	25.77	25.77	25.72	25.14	23.91				
10	64QAM	25	0	24.76	24.72	24.79	24.46	23.92				
10	64QAM	25	12	24.77	24.75	24.80	24.52	23.59	24	3		
10	64QAM	25	25	24.75	24.67	24.80	24.43	23.17				
10	64QAM	50	0	24.81	24.88	24.91	24.48	23.56				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	26.43	26.49	26.64	26.15	25.61	27	0		
5	QPSK	1	12	26.52	26.46	26.57	26.21	25.44				
5	QPSK	1	24	26.46	26.48	26.48	25.89	24.68				
5	QPSK	12	0	25.78	25.75	25.77	25.41	24.86	26	1		
5	QPSK	12	7	25.84	25.75	25.74	25.39	24.43				
5	QPSK	12	13	25.71	25.71	25.78	25.31	23.94				
5	QPSK	25	0	25.77	25.72	25.71	25.24	24.30	26	1		
5	16QAM	1	0	25.91	25.87	26.04	25.42	24.90				
5	16QAM	1	12	25.83	25.86	25.90	25.57	24.75				
5	16QAM	1	24	25.86	25.76	25.77	25.26	24.03	25	2		
5	16QAM	12	0	24.83	24.80	24.86	24.59	23.95				
5	16QAM	12	7	24.89	24.81	24.86	24.53	23.67				
5	16QAM	12	13	24.82	24.74	24.83	24.51	23.15	25	2		
5	16QAM	25	0	24.89	24.77	24.84	24.43	23.47				
5	64QAM	1	0	26.00	25.77	25.93	25.45	25.05				
5	64QAM	1	12	25.87	25.78	25.94	25.50	24.81	25	2		
5	64QAM	1	24	25.80	25.74	25.77	25.21	23.90				
5	64QAM	12	0	24.77	24.72	24.72	24.44	23.89				
5	64QAM	12	7	24.79	24.72	24.82	24.50	23.59	24	3		
5	64QAM	12	13	24.77	24.67	24.77	24.41	23.19				
5	64QAM	25	0	24.79	24.79	24.90	24.47	23.55				

Band 48_MIMO 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)	MPR (dB)	
Channel				55340	55830	56150	56640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	21.33	21.29	21.06	21.21	22	0	
20	QPSK	1	49	21.21	21.14	20.99	21.15			
20	QPSK	1	99	21.13	21.13	21.08	21.25			
20	QPSK	50	0	20.46	20.46	20.46	20.44			
20	QPSK	50	24	20.43	20.43	20.25	20.44	21	1	
20	QPSK	50	50	20.45	20.28	20.19	20.45			
20	QPSK	100	0	20.43	20.32	20.26	20.40			
20	16QAM	1	0	20.64	20.64	20.44	20.57			
20	16QAM	1	49	20.64	20.54	20.35	20.54	21	1	
20	16QAM	1	99	20.79	20.54	20.45	20.63			
20	16QAM	50	0	19.52	19.52	19.32	19.46			
20	16QAM	50	24	19.47	19.45	19.33	19.48			
20	16QAM	50	50	19.49	19.37	19.27	19.49	20	2	
20	16QAM	100	0	19.45	19.39	19.32	19.53			
20	64QAM	1	0	19.55	19.59	19.40	19.62			
20	64QAM	1	49	19.47	19.41	19.25	19.49			
20	64QAM	1	99	19.62	19.42	19.45	19.64	20	2	
20	64QAM	50	0	18.47	18.41	18.27	18.42			
20	64QAM	50	24	18.40	18.40	18.26	18.42			
20	64QAM	50	50	18.42	18.28	18.17	18.45			
20	64QAM	100	0	18.49	18.38	18.31	18.52	19	3	
Channel				55315	55820	56160	56640			
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	21.23	21.24	20.99	21.14			
15	QPSK	1	37	21.11	21.11	20.92	21.07			
15	QPSK	1	74	21.24	21.11	21.01	21.23			
15	QPSK	36	0	20.36	20.35	20.20	20.38			
15	QPSK	36	20	20.38	20.42	20.21	20.43	21	1	
15	QPSK	36	39	20.40	20.28	20.11	20.40			
15	QPSK	75	0	20.34	20.29	20.26	20.43			
15	16QAM	1	0	20.55	20.61	20.42	20.49			
15	16QAM	1	37	20.57	20.50	20.26	20.53	21	1	
15	16QAM	1	74	20.77	20.49	20.40	20.60			
15	16QAM	36	0	19.52	19.46	19.28	19.44			
15	16QAM	36	20	19.46	19.42	19.23	19.43			
15	16QAM	36	39	19.41	19.36	19.27	19.42	20	2	
15	16QAM	75	0	19.39	19.30	19.24	19.48			
15	64QAM	1	0	19.48	19.54	19.39	19.59			
15	64QAM	1	37	19.41	19.39	19.20	19.46			
15	64QAM	1	74	19.52	19.38	19.42	19.58	20	2	
15	64QAM	36	0	18.46	18.40	18.19	18.38			
15	64QAM	36	20	18.38	18.40	18.24	18.41			
15	64QAM	36	39	18.36	18.23	18.17	18.43			
15	64QAM	75	0	18.43	18.29	18.29	18.49	19	3	
Channel				55290	55815	56165	56690			
Frequency (MHz)				3565	3607.5	3642.5	3695			
10	QPSK	1	0	21.21	21.21	21.02	21.19			
10	QPSK	1	25	21.18	21.11	20.89	21.10			
10	QPSK	1	49	21.31	21.07	21.03	21.24			
10	QPSK	25	0	20.43	20.39	20.28	20.38			
10	QPSK	25	12	20.40	20.35	20.23	20.42	21	1	
10	QPSK	25	25	20.44	20.22	20.15	20.44			
10	QPSK	50	0	20.38	20.24	20.24	20.39			
10	16QAM	1	0	20.54	20.59	20.41	20.57			
10	16QAM	1	25	20.55	20.53	20.31	20.53	21	1	
10	16QAM	1	49	20.78	20.54	20.40	20.58			
10	16QAM	25	0	19.42	19.45	19.29	19.36			
10	16QAM	25	12	19.39	19.41	19.27	19.38			
10	16QAM	25	25	19.48	19.34	19.21	19.46	20	2	
10	16QAM	50	0	19.41	19.36	19.28	19.52			
10	64QAM	1	0	19.53	19.54	19.33	19.53			
10	64QAM	1	25	19.45	19.36	19.20	19.45			
10	64QAM	1	49	19.54	19.37	19.43	19.55	20	2	
10	64QAM	25	0	18.37	18.31	18.27	18.41			
10	64QAM	25	12	18.30	18.40	18.21	18.38			
10	64QAM	25	25	18.37	18.25	18.15	18.43			
10	64QAM	50	0	18.47	18.38	18.21	18.49	19	3	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.21	21.20	21.01	21.17			
5	QPSK	1	12	21.18	21.10	20.97	21.10			
5	QPSK	1	24	21.31	21.13	21.03	21.21			
5	QPSK	12	0	20.38	20.39	20.26	20.38			
5	QPSK	12	7	20.38	20.40	20.17	20.35	21	1	
5	QPSK	12	13	20.45	20.20	20.17	20.37			
5	QPSK	25	0	20.31	20.25	20.23	20.39			
5	16QAM	1	0	20.54	20.62	20.41	20.55			
5	16QAM	1	12	20.57	20.44	20.33	20.48	21	1	
5	16QAM	1	24	20.77	20.46	20.46	20.60			
5	16QAM	12	0	19.45	19.46	19.31	19.42			
5	16QAM	12	7	19.44	19.38	19.27	19.48			
5	16QAM	12	13	19.41	19.34	19.17	19.49	20	2	
5	16QAM	25	0	19.38	19.35	19.23	19.47			
5	64QAM	1	0	19.52	19.53	19.40	19.60			
5	64QAM	1	12	19.42	19.32	19.15	19.48			
5	64QAM	1	24	19.62	19.42	19.41	19.61	20	2	
5	64QAM	12	0	18.42	18.41	18.19	18.41			
5	64QAM	12	7	18.32	18.33	18.17	18.42			
5	64QAM	12	13	18.35	18.22	18.17	18.39			
5	64QAM	25	0	18.42	18.33	18.30	18.48	19	3	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.21	21.20	21.01	21.17			
5	QPSK	1	12	21.18	21.10	20.97	21.10			
5	QPSK	1	24	21.31	21.13	21.03	21.21			
5	QPSK	12	0	20.38	20.39	20.26	20.38			
5	QPSK	12	7	20.38	20.40	20.17	20.35	21	1	
5	QPSK	12	13	20.45	20.20	20.17	20.37			
5	QPSK	25	0	20.31	20.25	20.23	20.39			
5	16QAM	1	0	20.54	20.62	20.41	20.55			
5	16QAM	1	12	20.57	20.44	20.33	20.48	21	1	
5	16QAM	1	24	20.77	20.46	20.46	20.60			
5	16QAM	12	0	19.45	19.46	19.31	19.42			
5	16QAM	12	7	19.44	19.38	19.27	19.48			
5	16QAM	12	13	19.41	19.34	19.17	19.49	20	2	
5	16QAM	25	0	19.38	19.35	19.23	19.47			
5	64QAM	1	0	19.52	19.53	19.40	19.60			
5	64QAM	1	12	19.42	19.32	19.15	19.48			
5	64QAM	1	24	19.62	19.42	19.41	19.61	20	2	
5	64QAM	12	0	18.42	18.41	18.19	18.41			
5	64QAM	12	7	18.32	18.33	18.17	18.42			
5	64QAM	12	13	18.35	18.22	18.17	18.39			
5	64QAM	25	0	18.42	18.33	18.30	18.48	19	3	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.21	21.20	21.01	21.17			
5	QPSK	1	12	21.18	21.10	20.97	21.10			
5	QPSK	1	24	21.31	21.13	21.03	21.21			
5	QPSK	12	0	20.38	20.39	20.26	20.38			
5	QPSK	12	7	20.38	20.40	20.17	20.35	21	1	
5	QPSK	12	13	20.45	20.20	20.17	20.37			
5	QPSK	25	0	20.31	20.25	20.23	20.39			
5	16QAM	1	0	20.54	20.62	20.41	20.55			
5	16QAM	1	12	20.57	20.44	20.33	20.48	21	1	
5	16QAM	1	24	20.77	20.46	20.46	20.60			
5	16QAM	12	0	19.45	19.46	19.31	19.42			
5	16QAM	12	7	19.44	19.38	19.27	19.48			
5	16QAM	12	13	19.41	19.34	19.17	19.49	20	2	
5	16QAM	25	0	19.38	19.35	19.23	19.47			
5	64QAM	1	0	19.52	19.53	19.40	19.60			
5	64QAM	1	12	19.42	19.32	19.15	19.48			
5	64QAM	1	24	19.62	19.42	19.41	19.61	20	2	
5	64QAM	12	0	18.42	18.41	18.19	18.41			
5	64QAM	12	7	18.32	18.33	18.17	18.42			
5	64QAM	12	13	18.35	18.22	18.17	18.39			
5	64QAM	25	0	18.42	18.33	18.30	18.48	19	3	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	21.21	21.20	21.01	21.17			
5	QPSK	1	12	21.18	21.10	20.97	21.10			
5	QPSK	1	24	21.31	21.13	21.03	21.21			
5	QPSK	12	0	20.38	20.39	20.26	20.38			
5	QPSK	12	7	20.38	20.40	20.17	20.35	21	1	
5	QPSK	12	13	20.45	20.20	20.17	20.37			
5	QPSK	25	0	20.31	20.25	20.23	20.39			
5	16QAM	1	0	20.54	20.62	20.41	20.55			
5	16QAM	1	12	20.57	20.44	20.33	20.48	21	1	
5	16QAM	1	24	20.77	20.46	20.46	20.60			
5	16QAM	12	0	19.45	19.46	19.31	19.42			
5	16QAM	12	7	19.44	19.38	19.27	19.48			
5	16QAM	12	13	19.41	19.34	19.17	19.49	20	2	
5	16QAM	25	0	19.38	19.35	19.23	19.47			
5	64QAM	1	0	19.52	19.53	19.40	19.60			
5	64QAM	1	12	19.42	19.32	19.15	19.48			
5	64QAM	1	24	19.62	19.42	19.41	19.61	20	2	
5	64QAM	12	0	18.42	18.41	18.19	18.41			
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Band 38									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	16	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	15.25	15.36	15.17			
20	QPSK	1	49	15.22	15.39	15.14	15	1	
20	QPSK	1	99	15.24	15.28	15.16			
20	QPSK	50	0	14.42	14.56	14.30			
20	QPSK	50	24	14.40	14.53	14.23	14	2	
20	QPSK	50	50	14.34	14.46	14.27			
20	QPSK	100	0	14.38	14.51	14.20			
20	16QAM	1	0	14.33	14.43	14.30	15	1	
20	16QAM	1	49	14.28	14.40	14.22			
20	16QAM	1	99	14.28	14.42	14.20			
20	16QAM	50	0	13.41	13.51	13.28	14	2	
20	16QAM	50	24	13.40	13.55	13.28			
20	16QAM	50	50	13.37	13.51	13.31			
20	16QAM	100	0	13.40	13.52	13.24	14	2	
20	64QAM	1	0	13.03	13.15	12.94			
20	64QAM	1	49	13.10	13.21	13.06			
20	64QAM	1	99	13.10	13.29	13.07	13	3	
20	64QAM	50	0	12.44	12.46	12.26			
20	64QAM	50	24	12.41	12.53	12.27			
20	64QAM	50	50	12.38	12.45	12.26	16	0	
20	64QAM	100	0	12.39	12.48	12.22			
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	16	0	
15	QPSK	1	0	15.25	15.34	15.15			
15	QPSK	1	37	15.19	15.28	15.10	15	1	
15	QPSK	1	74	15.20	15.25	15.11			
15	QPSK	36	0	14.36	14.49	14.21	14	2	
15	QPSK	36	20	14.35	14.46	14.13			
15	QPSK	36	39	14.26	14.37	14.22			
15	QPSK	75	0	14.31	14.45	14.12	15	1	
15	16QAM	1	0	14.32	14.35	14.24			
15	16QAM	1	37	14.27	14.33	14.13	14	2	
15	16QAM	1	74	14.29	14.40	14.20			
15	16QAM	36	0	13.35	13.45	13.22			
15	16QAM	36	20	13.33	13.55	13.19	13	3	
15	16QAM	36	39	13.32	13.49	13.27			
15	16QAM	75	0	13.36	13.51	13.21			
15	64QAM	1	0	12.95	13.06	12.84	14	2	
15	64QAM	1	37	13.10	13.21	12.98			
15	64QAM	1	74	13.08	13.26	13.05	13	3	
15	64QAM	36	0	12.37	12.40	12.28			
15	64QAM	36	20	12.38	12.46	12.25			
15	64QAM	36	39	12.28	12.43	12.24	16	0	
15	64QAM	75	0	12.37	12.41	12.20			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	16	0	
10	QPSK	1	0	15.19	15.31	15.08			
10	QPSK	1	25	15.17	15.29	15.06	15	1	
10	QPSK	1	49	15.17	15.21	15.15			
10	QPSK	25	0	14.37	14.50	14.23	14	2	
10	QPSK	25	12	14.35	14.48	14.18			
10	QPSK	25	25	14.27	14.42	14.23			
10	QPSK	50	0	14.29	14.41	14.19	15	1	
10	16QAM	1	0	14.28	14.36	14.28			
10	16QAM	1	25	14.28	14.31	14.21	14	2	
10	16QAM	1	49	14.22	14.41	14.20			
10	16QAM	25	0	13.40	13.47	13.25			
10	16QAM	25	12	13.32	13.53	13.19	13	3	
10	16QAM	25	25	13.36	13.49	13.29			
10	16QAM	50	0	13.35	13.45	13.22			
10	64QAM	1	0	13.03	13.13	12.84	14	2	
10	64QAM	1	25	13.07	13.18	13.02			
10	64QAM	1	49	13.04	13.26	12.98	13	3	
10	64QAM	25	0	12.40	12.45	12.26			
10	64QAM	25	12	12.32	12.47	12.18			
10	64QAM	25	25	12.36	12.37	12.19	16	0	
10	64QAM	50	0	12.33	12.38	12.20			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	16	0	
5	QPSK	1	0	15.23	15.28	15.16			
5	QPSK	1	12	15.13	15.28	15.14	15	1	
5	QPSK	1	24	15.24	15.28	15.07			
5	QPSK	12	0	14.35	14.49	14.26	14	2	
5	QPSK	12	7	14.38	14.45	14.23			
5	QPSK	12	13	14.31	14.39	14.17			
5	QPSK	25	0	14.28	14.41	14.15	15	1	
5	16QAM	1	0	14.25	14.42	14.30			
5	16QAM	1	12	14.26	14.36	14.22			
5	16QAM	1	24	14.20	14.42	14.13	14	2	
5	16QAM	12	0	13.41	13.50	13.18			
5	16QAM	12	7	13.36	13.45	13.23			
5	16QAM	12	13	13.33	13.43	13.24	14	2	
5	16QAM	25	0	13.39	13.42	13.18			
5	64QAM	1	0	12.95	13.09	12.85	13	3	
5	64QAM	1	12	13.00	13.21	13.05			
5	64QAM	1	24	13.01	13.20	13.07			
5	64QAM	12	0	12.37	12.38	12.26	16	0	
5	64QAM	12	7	12.33	12.53	12.19			
5	64QAM	12	13	12.32	12.42	12.25			
5	64QAM	25	0	12.35	12.48	12.14	16	0	
Channel				37750	38000	38250			
Frequency (MHz)				2570	2595	2620			

Band 41											
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)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	14.40	14.27	14.41	14.30	14.19	16	0	
20	QPSK	1	49	14.35	14.22	14.40	14.19	14.17			
20	QPSK	1	99	14.33	14.21	14.39	14.25	14.18			
20	QPSK	50	0	13.57	13.51	13.58	13.39	13.43	15	1	
20	QPSK	50	24	13.56	13.47	13.46	13.38	13.35			
20	QPSK	50	50	13.53	13.48	13.45	13.36	13.39			
20	QPSK	100	0	13.53	13.44	13.56	13.34	13.36	15	1	
20	16QAM	1	0	13.47	13.38	13.52	13.42	13.26			
20	16QAM	1	49	13.42	13.30	13.46	13.30	13.31			
20	16QAM	1	99	13.43	13.37	13.53	13.33	13.42	14	2	
20	16QAM	50	0	12.58	12.39	12.48	12.41	12.34			
20	16QAM	50	24	12.58	12.50	12.57	12.41	12.44			
20	16QAM	50	50	12.55	12.49	12.59	12.37	12.43	14	2	
20	16QAM	100	0	12.53	12.43	12.54	12.37	12.33			
20	64QAM	1	0	12.01	12.23	12.01	12.15	12.08			
20	64QAM	1	49	12.02	12.16	12.08	12.02	12.13	14	2	
20	64QAM	1	99	12.06	12.27	12.12	12.02	12.23			
20	64QAM	50	0	11.57	11.38	11.47	11.41	11.36			
20	64QAM	50	24	11.59	11.45	11.57	11.42	11.43	13	3	
20	64QAM	50	50	11.53	11.43	11.58	11.37	11.44			
20	64QAM	100	0	11.54	11.42	11.54	11.40	11.35			
Channel				39725	40173	40620	41080	41515	Up+up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5			
15	QPSK	1	0	14.31	14.23	14.39	14.21	14.10	16	0	
15	QPSK	1	37	14.27	14.16	14.39	14.19	14.07			
15	QPSK	1	74	14.29	14.17	14.39	14.20	14.10			
15	QPSK	36	0	13.56	13.46	13.56	13.39	13.41	15	1	
15	QPSK	36	20	13.53	13.46	13.56	13.36	13.35			
15	QPSK	36	39	13.51	13.40	13.39	13.27	13.30			
15	QPSK	75	0	13.45	13.40	13.54	13.28	13.27	15	1	
15	16QAM	1	0	13.47	13.28	13.45	13.33	13.25			
15	16QAM	1	37	13.33	13.24	13.43	13.26	13.31			
15	16QAM	1	74	13.43	13.36	13.45	13.29	13.35	14	2	
15	16QAM	36	0	12.57	12.37	12.45	12.36	12.24			
15	16QAM	36	20	12.52	12.49	12.54	12.40	12.42			
15	16QAM	36	39	12.50	12.49	12.49	12.36	12.33	14	2	
15	16QAM	75	0	12.52	12.36	12.45	12.35	12.32			
15	64QAM	1	0	12.02	12.17	12.05	12.06	12.06			
15	64QAM	1	37	12.02	12.13	12.06	12.03	12.08	14	2	
15	64QAM	1	74	12.04	12.25	12.09	12.02	12.21			
15	64QAM	36	0	11.56	11.31	11.46	11.33	11.34			
15	64QAM	36	20	11.50	11.40	11.55	11.33	11.34	13	3	
15	64QAM	36	39	11.53	11.35	11.58	11.35	11.44			
15	64QAM	75	0	11.51	11.34	11.45	11.34	11.30			
Channel				39700	40160	40620	41080	41540	Up+up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	14.38	14.18	14.35	14.26	14.14	16	0	
10	QPSK	1	25	14.28	14.19	14.36	14.11	14.09			
10	QPSK	1	49	14.30	14.15	14.30	14.19	14.16			
10	QPSK	25	0	13.57	13.51	13.58	13.33	13.33	15	1	
10	QPSK	25	12	13.48	13.42	13.45	13.28	13.34			
10	QPSK	25	25	13.48	13.46	13.40	13.27	13.35			
10	QPSK	50	0	13.49	13.34	13.52	13.34	13.33	15	1	
10	16QAM	1	0	13.47	13.28	13.52	13.34	13.21			
10	16QAM	1	25	13.39	13.24	13.43	13.24	13.21			
10	16QAM	1	49	13.35	13.32	13.53	13.27	13.36	14	2	
10	16QAM	25	0	12.55	12.38	12.47	12.33	12.30			
10	16QAM	25	12	12.54	12.47	12.52	12.38	12.35			
10	16QAM	25	25	12.47	12.45	12.53	12.37	12.36	14	2	
10	16QAM	50	0	12.51	12.40	12.53	12.30	12.26			
10	64QAM	1	0	12.01	12.13	12.07	12.10	12.04			
10	64QAM	1	25	12.00	12.08	12.00	12.03	12.10	14	2	
10	64QAM	1	49	12.04	12.27	12.06	12.08	12.16			
10	64QAM	25	0	11.54	11.34	11.42	11.33	11.28			
10	64QAM	25	12	11.57	11.37	11.53	11.39	11.40	13	3	
10	64QAM	25	25	11.47	11.41	11.52	11.33	11.43			
10	64QAM	50	0	11.47	11.38	11.51	11.37	11.34			
Channel				39675	40148	40620	41093	41565	Up+up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	14.35	14.24	14.31	14.25	14.13	16	0	
5	QPSK	1	12	14.34	14.15	14.37	14.16	14.12			
5	QPSK	1	24	14.33	14.20	14.29	14.25	14.08			
5	QPSK	12	0	13.48	13.49	13.48	13.37	13.40	15	1	
5	QPSK	12	7	13.53	13.37	13.44	13.29	13.26			
5	QPSK	12	13	13.50	13.40	13.39	13.30	13.33			
5	QPSK	25	0	13.51	13.41	13.53	13.32	13.32	15	1	
5	16QAM	1	0	13.47	13.32	13.42	13.37	13.20			
5	16QAM	1	12	13.34	13.27	13.38	13.23	13.27			
5	16QAM	1	24	13.36	13.31	13.47	13.29	13.36	14	2	
5	16QAM	12	0	12.51	12.39	12.43	12.31	12.32			
5	16QAM	12	7	12.48	12.40	12.53	12.36	12.40			
5	16QAM	12	13	12.45	12.40	12.54	12.36	12.36	14	2	
5	16QAM	25	0	12.48	12.42	12.49	12.34	12.30			
5	64QAM	1	0	12.03	12.19	12.04	12.15	12.04			
5	64QAM	1	12	12.03	12.12	12.09	12.02	12.09	14	2	
5	64QAM	1	24	12.03	12.18	12.10	12.03	12.13			
5	64QAM	12	0	11.51	11.30	11.41	11.35	11.28			
5	64QAM	12	7	11.50	11.42	11.48	11.41	11.34	13	3	
5	64QAM	12	13	11.46	11.36	11.58	11.32	11.38			
5	64QAM	25	0	11.51	11.35	11.49	11.36	11.35			

Band 41_HPUE											
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)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	17.72	17.76	17.83	17.82	17.81	19	0	
20	QPSK	1	49	17.70	17.67	17.70	17.69	17.71			
20	QPSK	1	99	17.70	17.71	17.78	17.74	17.76			
20	QPSK	50	0	16.96	16.99	17.00	16.95	16.90	18	1	
20	QPSK	50	24	16.94	16.98	16.92	16.94	16.88			
20	QPSK	50	50	16.93	16.98	16.97	16.93	16.89			
20	QPSK	100	0	17.03	16.96	17.04	16.98	16.78	18	1	
20	16QAM	1	0	17.14	17.09	17.20	17.19	17.04			
20	16QAM	1	49	17.07	17.03	17.06	17.04	17.02			
20	16QAM	1	99	17.11	17.09	17.12	16.97	16.99	17	2	
20	16QAM	50	0	16.07	15.97	15.97	16.03	15.85			
20	16QAM	50	24	16.05	15.98	16.05	16.00	15.92			
20	16QAM	50	50	16.03	16.02	16.04	15.96	15.90	17	2	
20	16QAM	100	0	16.03	15.99	16.04	15.98	15.81			
20	64QAM	1	0	16.01	15.90	15.92	16.10	16.06			
20	64QAM	1	49	15.88	15.94	15.86	16.10	16.00	17	2	
20	64QAM	1	99	15.99	16.01	15.96	16.09	15.92			
20	64QAM	50	0	15.06	14.98	14.95	15.00	14.86			
20	64QAM	50	24	15.06	15.01	15.05	14.99	14.94	16	3	
20	64QAM	50	50	15.05	14.99	15.03	14.96	14.91			
20	64QAM	100	0	15.04	15.00	15.04	14.97	14.84			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5			
15	QPSK	1	0	17.63	17.66	17.77	17.73	17.77	19	0	
15	QPSK	1	37	17.60	17.57	17.67	17.60	17.65			
15	QPSK	1	74	17.64	17.68	17.77	17.73	17.68			
15	QPSK	36	0	16.96	16.90	16.96	16.92	16.84	18	1	
15	QPSK	36	20	16.87	16.94	16.90	16.90	16.86			
15	QPSK	36	39	16.88	16.88	16.97	16.86	16.79			
15	QPSK	75	0	17.00	16.94	17.00	16.94	16.69	18	1	
15	16QAM	1	0	17.05	17.04	17.15	17.10	16.94			
15	16QAM	1	37	17.00	17.03	17.01	16.94	16.97			
15	16QAM	1	74	17.09	17.05	17.04	16.86	16.96	17	2	
15	16QAM	36	0	16.02	15.89	15.90	16.00	15.79			
15	16QAM	36	20	15.99	15.95	16.05	15.99	15.88			
15	16QAM	36	39	16.03	16.01	16.00	15.90	15.81	17	2	
15	16QAM	75	0	16.02	15.93	16.00	15.88	15.73			
15	64QAM	1	0	15.93	15.85	15.82	16.07	16.03			
15	64QAM	1	37	15.85	15.88	15.85	16.07	15.99	17	2	
15	64QAM	1	74	15.89	15.98	15.93	16.02	15.91			
15	64QAM	36	0	14.97	14.88	14.93	14.91	14.76			
15	64QAM	36	20	15.01	14.93	15.03	14.96	14.93	16	3	
15	64QAM	36	39	14.96	14.97	14.95	14.95	14.91			
15	64QAM	75	0	14.95	14.93	14.99	14.91	14.82			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	17.70	17.72	17.77	17.76	17.72	19	0	
10	QPSK	1	25	17.66	17.63	17.65	17.59	17.69			
10	QPSK	1	49	17.69	17.69	17.71	17.69	17.66			
10	QPSK	25	0	16.94	16.97	16.94	16.95	16.89	18	1	
10	QPSK	25	12	16.90	16.88	16.86	16.84	16.82			
10	QPSK	25	25	16.90	16.96	16.95	16.86	16.86			
10	QPSK	50	0	17.01	16.92	17.02	16.88	16.75	18	1	
10	16QAM	1	0	17.14	17.02	17.12	17.10	17.04			
10	16QAM	1	25	16.98	16.93	17.01	17.01	17.00			
10	16QAM	1	49	17.03	17.00	17.10	16.94	16.89	17	2	
10	16QAM	25	0	15.99	15.96	15.95	15.97	15.76			
10	16QAM	25	12	16.00	15.95	15.96	15.97	15.87			
10	16QAM	25	25	15.99	15.98	16.03	15.90	15.83	17	2	
10	16QAM	50	0	16.02	15.99	15.97	15.90	15.73			
10	64QAM	1	0	16.00	15.86	15.85	16.03	16.00			
10	64QAM	1	25	15.78	15.87	15.82	16.09	15.90	17	2	
10	64QAM	1	49	15.90	15.99	15.95	16.01	15.88			
10	64QAM	25	0	14.97	14.90	14.94	14.92	14.76			
10	64QAM	25	12	15.02	14.97	14.99	14.99	14.93	16	3	
10	64QAM	25	25	14.96	14.99	15.01	14.88	14.87			
10	64QAM	50	0	15.02	14.92	14.94	14.90	14.74			
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	17.69	17.69	17.73	17.76	17.75	19	0	
5	QPSK	1	12	17.60	17.63	17.66	17.65	17.61			
5	QPSK	1	24	17.66	17.66	17.76	17.71	17.70			
5	QPSK	12	0	16.96	16.93	16.99	16.86	16.88	18	1	
5	QPSK	12	7	16.86	16.95	16.90	16.94	16.87			
5	QPSK	12	13	16.92	16.88	16.93	16.85	16.85			
5	QPSK	25	0	17.01	16.91	16.95	16.98	16.77	18	1	
5	16QAM	1	0	17.13	17.00	17.18	17.16	16.99			
5	16QAM	1	12	16.98	16.97	17.05	17.02	16.93			
5	16QAM	1	24	17.06	17.03	17.06	16.90	16.96	17	2	
5	16QAM	12	0	16.00	15.87	15.95	15.98	15.85			
5	16QAM	12	7	15.98	15.88	16.01	15.90	15.86			
5	16QAM	12	13	15.95	16.00	16.00	15.91	15.81	17	2	
5	16QAM	25	0	15.97	15.89	16.02	15.89	15.78			
5	64QAM	1	0	16.01	15.80	15.85	16.02	16.00			
5	64QAM	1	12	15.78	15.85	15.81	16.01	15.91	17	2	
5	64QAM	1	24	15.95	15.93	15.86	16.03	15.92			
5	64QAM	12	0	14.99	14.92	14.92	14.96	14.79			
5	64QAM	12	7	15.02	14.93	15.05	14.92	14.90	16	3	
5	64QAM	12	13	14.99	14.92	14.97	14.89	14.82			
5	64QAM	25	0	14.98	14.99	14.94	14.87	14.83			

Band 48_MIMO 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)	MPR (dB)	
Channel				55340	55830	56150	56640	17	0	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	16.17	16.15	16.14	16.10	16	1	
20	QPSK	1	49	15.99	15.95	15.97	15.88			
20	QPSK	1	99	16.04	15.98	15.90	15.85			
20	QPSK	50	0	15.20	15.18	15.17	15.13			
20	QPSK	50	24	15.17	15.14	15.13	15.10	15	2	
20	QPSK	50	50	15.14	15.10	14.97	15.04			
20	QPSK	100	0	15.18	15.15	15.11	15.10			
20	16QAM	1	0	15.26	15.23	15.16	15.20			
20	16QAM	1	49	15.11	15.07	15.06	14.97	15	1	
20	16QAM	1	99	15.13	15.01	14.95	14.90			
20	16QAM	50	0	14.25	14.21	14.19	14.14			
20	16QAM	50	24	14.19	14.16	14.15	14.10			
20	16QAM	50	50	14.17	14.09	14.05	14.06	15	2	
20	16QAM	100	0	14.19	14.16	14.15	14.09			
20	64QAM	1	0	14.13	14.21	14.17	14.19			
20	64QAM	1	49	14.04	13.95	14.00	13.83			
20	64QAM	1	99	14.13	14.03	13.91	13.85	14	3	
20	64QAM	50	0	13.26	13.21	13.23	13.15			
20	64QAM	50	24	13.21	13.21	13.19	13.14			
20	64QAM	50	50	13.19	13.12	13.06	13.07			
20	64QAM	100	0	13.23	13.17	13.17	13.14	17	0	
Channel				59315	59820	59160	59655			
Frequency (MHz)				3557.5	3608	3642	3692.5	17	0	
15	QPSK	1	0	16.13	16.05	16.04	16.00			
15	QPSK	1	37	15.99	15.90	15.90	15.82	16	1	
15	QPSK	1	74	16.02	15.88	15.88	15.85			
15	QPSK	36	0	15.14	15.16	15.08	15.13			
15	QPSK	36	20	15.13	15.05	15.07	15.09			
15	QPSK	36	39	15.08	15.03	14.91	14.98	15	2	
15	QPSK	75	0	15.12	15.13	15.07	15.03			
15	16QAM	1	0	15.26	15.15	15.11	15.14			
15	16QAM	1	37	15.04	14.97	15.04	14.92			
15	16QAM	1	74	15.12	14.91	14.96	14.85	15	2	
15	16QAM	36	0	14.25	14.11	14.16	14.12			
15	16QAM	36	20	14.17	14.11	14.10	14.00			
15	16QAM	36	39	14.13	14.05	13.96	13.99			
15	16QAM	75	0	14.16	14.16	14.12	14.03	14	3	
15	64QAM	1	0	14.04	14.20	14.14	14.17			
15	64QAM	1	37	14.01	13.92	13.99	13.73			
15	64QAM	1	74	14.06	13.98	13.91	13.77			
15	64QAM	36	0	13.23	13.13	13.21	13.10	14	3	
15	64QAM	36	20	13.15	13.20	13.11	13.04			
15	64QAM	36	39	13.19	13.08	12.96	13.02			
15	64QAM	75	0	13.22	13.15	13.13	13.10			
Channel				55260	55815	56165	56690	17	0	
Frequency (MHz)				3565	3607.5	3642.5	3695			
10	QPSK	1	0	16.12	16.06	16.07	16.04	16	1	
10	QPSK	1	25	15.97	15.91	15.89	15.81			
10	QPSK	1	49	16.03	15.97	15.89	15.78			
10	QPSK	25	0	15.14	15.16	15.08	15.07			
10	QPSK	25	12	15.11	15.05	15.11	15.08	15	2	
10	QPSK	25	25	15.11	15.00	14.96	15.02			
10	QPSK	50	0	15.11	15.10	15.09	15.08			
10	16QAM	1	0	15.17	15.23	15.08	15.16			
10	16QAM	1	25	15.02	14.98	14.99	14.89	15	2	
10	16QAM	1	49	15.05	14.97	14.96	14.90			
10	16QAM	25	0	14.21	14.13	14.15	14.06			
10	16QAM	25	12	14.16	14.12	14.09	14.01			
10	16QAM	25	25	14.14	13.98	13.96	14.03	14	3	
10	16QAM	50	0	14.15	14.08	14.11	14.06			
10	64QAM	1	0	14.12	14.14	14.10	14.15			
10	64QAM	1	25	14.04	13.91	13.90	13.78			
10	64QAM	1	49	14.12	14.02	13.88	13.80	14	3	
10	64QAM	25	0	13.24	13.21	13.16	13.15			
10	64QAM	25	12	13.11	13.11	13.11	13.06			
10	64QAM	25	25	13.13	13.12	13.01	13.06			
10	64QAM	50	0	13.21	13.17	13.08	13.04	17	0	
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5	17	0	
5	QPSK	1	0	16.11	16.10	16.13	16.03			
5	QPSK	1	12	15.97	15.88	15.96	15.82	16	1	
5	QPSK	1	24	16.00	15.98	15.83	15.80			
5	QPSK	12	0	15.14	15.16	15.17	15.11			
5	QPSK	12	7	15.15	15.08	15.13	15.01			
5	QPSK	12	13	15.06	15.01	14.88	15.02	16	1	
5	QPSK	25	0	15.13	15.11	15.07	15.02			
5	16QAM	1	0	15.25	15.13	15.11	15.20			
5	16QAM	1	12	15.01	15.02	14.96	14.94			
5	16QAM	1	24	15.10	14.92	14.95	14.83	15	2	
5	16QAM	12	0	14.25	14.16	14.12	14.08			
5	16QAM	12	7	14.11	14.09	14.12	14.05			
5	16QAM	12	13	14.11	14.07	14.03	14.05			
5	16QAM	25	0	14.11	14.11	14.07	14.08	15	2	
5	64QAM	1	0	14.08	14.20	14.13	14.11			
5	64QAM	1	12	14.01	13.90	13.93	13.80			
5	64QAM	1	24	14.04	13.96	13.85	13.80			
5	64QAM	12	0	13.16	13.17	13.18	13.14	14	3	
5	64QAM	12	7	13.15	13.15	13.17	13.13			
5	64QAM	12	13	13.15	13.03	12.96	13.03			
5	64QAM	25	0	13.16	13.13	13.08	13.10			

n2_MIMO 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	24.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	23.08	23.29	23.42	24.0	0.0	
20	PI/2 BPSK	1	53	23.01	23.28	23.39			
20	PI/2 BPSK	1	104	22.98	23.25	23.34			
20	PI/2 BPSK	50	0	23.07	23.28	23.41			
20	PI/2 BPSK	50	28	23.00	23.25	23.33	24.0	0.0	
20	PI/2 BPSK	50	56	22.96	23.19	23.23			
20	PI/2 BPSK	100	0	22.53	22.77	22.83			
20	QPSK	1	1	23.05	23.24	23.37			
20	QPSK	1	53	23.04	23.23	23.32	24.0	0.0	
20	QPSK	1	104	22.98	23.20	23.29			
20	QPSK	50	0	23.06	23.24	23.37			
20	QPSK	50	28	23.05	23.23	23.29			
20	QPSK	50	56	23.04	23.20	23.22	23.0	1.0	
20	QPSK	100	0	22.08	22.25	22.38			
20	16QAM	1	1	22.05	22.22	22.40			
20	64QAM	1	1	20.51	20.69	20.90			
20	256QAM	1	1	18.50	18.74	18.86	19.5	4.5	
Channel				371500	376000	380000	24.0	0.0	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI/2 BPSK	1	1	22.98	23.29	23.41	24.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	PI/2 BPSK	1	1	23.05	23.22	23.37		24.0	
Channel				370500	376000	381500	24.0	0.0	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI/2 BPSK	1	1	23.00	23.21	23.38	24.0	0.0	

n2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1860	1900		
20	PI/2 BPSK	1	1	23.62	23.32	23.53	24.0	0.0
20	PI/2 BPSK	1	53	23.61	23.32	23.50		
20	PI/2 BPSK	1	104	23.53	23.23	23.44		
20	PI/2 BPSK	50	0	23.57	23.24	23.51		
20	PI/2 BPSK	50	28	23.54	23.23	23.48	24.0	0.0
20	PI/2 BPSK	50	56	23.55	23.22	23.46		
20	PI/2 BPSK	100	0	23.09	22.75	22.96		
20	QPSK	1	1	23.61	23.30	23.53	24.0	0.5
20	QPSK	1	53	23.59	23.29	23.50		
20	QPSK	1	104	23.55	23.26	23.45		
20	QPSK	50	0	23.53	23.26	23.46		
20	QPSK	50	28	23.59	23.31	23.46	24.0	0.0
20	QPSK	50	56	23.59	23.22	23.49		
20	QPSK	100	0	22.59	22.29	22.47		
20	16QAM	1	1	22.62	22.24	22.52		
20	64QAM	1	1	21.06	20.81	21.00	21.5	2.5
20	256QAM	1	1	19.06	18.80	18.97	19.5	4.5
Channel				371000	376000	380500		
Frequency (MHz)				1857.5	1860	1902.5		
15	PI/2 BPSK	1	1	23.61	23.26	23.51	24.0	0.0
Channel				371000	376000	381000		
Frequency (MHz)				1865	1880	1905		
10	PI/2 BPSK	1	1	23.58	23.24	23.52		
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1860	1907.5		
5	PI/2 BPSK	1	1	23.56	23.26	23.48	24.0	0.0

n5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PV2 BPSK	1	1	23.49	23.53	23.52	24.0	0.0
20	PV2 BPSK	1	53	23.48	23.50	23.47		
20	PV2 BPSK	1	104	23.42	23.50	23.42		
20	PV2 BPSK	50	0	23.48	23.52	23.50	24.0	0.0
20	PV2 BPSK	50	28	23.46	23.50	23.49		
20	PV2 BPSK	50	56	23.36	23.47	23.45		
20	PV2 BPSK	100	0	22.89	23.01	22.95	23.5	0.5
20	QPSK	1	1	23.44	23.50	23.49	24.0	0.0
20	QPSK	1	53	23.48	23.46	23.48		
20	QPSK	1	104	23.45	23.44	23.47		
20	QPSK	50	0	23.42	23.48	23.51	24.0	0.0
20	QPSK	50	28	23.42	23.50	23.50		
20	QPSK	50	56	23.40	23.50	23.48		
20	QPSK	100	0	22.40	22.48	22.51	23.0	1.0
20	16QAM	1	1	22.47	22.46	22.43	23.0	1.0
20	64QAM	1	1	20.93	21.02	20.93	21.5	2.5
20	256QAM	1	1	18.98	18.99	19.02	19.5	4.5
Channel				168300	167300	168300	168300 limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PV2 BPSK	1	1	23.40	23.43	23.45	24.0	0.0
Channel				165800	167300	168800	167300 limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PV2 BPSK	1	1	23.48	23.52	23.44	24.0	0.0
Channel				165300	167300	169300	167300 limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PV2 BPSK	1	1	23.42	23.47	23.43	24.0	0.0

n7_MIMO 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200	24.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	22.35	22.52	22.13	24.0	0.0
20	PV2 BPSK	1	53	22.27	22.44	22.04		
20	PV2 BPSK	1	104	22.30	22.50	22.09		
20	PV2 BPSK	50	0	22.28	22.50	22.06		
20	PV2 BPSK	50	28	22.25	22.49	22.08	24.0	0.0
20	PV2 BPSK	50	56	22.33	22.45	22.13		
20	PV2 BPSK	100	0	21.85	22.00	21.59		
20	QPSK	1	1	22.25	22.45	22.09		
20	QPSK	1	53	22.33	22.47	22.04	24.0	0.0
20	QPSK	1	104	22.30	22.42	22.07		
20	QPSK	50	0	22.35	22.45	22.03		
20	QPSK	50	28	22.29	22.46	22.03		
20	QPSK	50	56	22.33	22.43	22.08	23.0	1.0
20	QPSK	100	0	21.28	21.45	21.10		
20	16QAM	1	1	21.35	21.43	21.13		
20	64QAM	1	1	19.78	20.00	19.61		
20	256QAM	1	1	17.77	18.02	17.58	19.5	4.5
Channel				501500	507000	512500	19.5	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PV2 BPSK	1	1	22.28	22.44	22.04	24.0	0.0
Channel				501000	507000	513000	19.5	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PV2 BPSK	1	1	22.28	22.45	22.03	24.0	0.0
Channel				500500	507000	513500	19.5	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PV2 BPSK	1	1	22.35	22.45	22.09	24.0	0.0

n71								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	135100	137600	24.0	0.0
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.63	23.44	23.48		
20	PI/2 BPSK	1	53	23.58	23.43	23.47	24.0	0.0
20	PI/2 BPSK	1	104	23.57	23.42	23.42		
20	PI/2 BPSK	50	0	23.60	23.40	23.45		
20	PI/2 BPSK	50	28	23.58	23.38	23.43	24.0	0.0
20	PI/2 BPSK	50	56	23.55	23.36	23.39		
20	PI/2 BPSK	100	0	23.10	22.84	22.91		
20	QPSK	1	1	23.56	23.36	23.41	24.0	0.0
20	QPSK	1	53	23.56	23.39	23.46		
20	QPSK	1	104	23.59	23.45	23.43		
20	QPSK	50	0	23.62	23.44	23.42	24.0	0.0
20	QPSK	50	28	23.53	23.40	23.43		
20	QPSK	50	56	23.53	23.44	23.45		
20	QPSK	100	0	22.56	22.37	22.38	23.0	1.0
20	16QAM	1	1	22.60	22.44	22.46		
20	64QAM	1	1	21.09	20.89	20.95		
20	256QAM	1	1	19.04	18.85	18.91	19.5	4.5
Channel				134100	135100	138100		
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	23.55	23.40	23.43	24.0	0.0
Channel				133600	136100	138600	19.5	4.5
Frequency (MHz)				668	680.5	693		
10	PI/2 BPSK	1	1	23.61	23.39	23.45	24.0	0.0
Channel				133100	135100	139100	19.5	4.5
Frequency (MHz)				665.5	680.5	695.5		
5	PI/2 BPSK	1	1	23.62	23.36	23.42	24.0	0.0

n12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 141300	Power Middle Ch. / Freq. 141500	Power High Ch. / Freq. 141700	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				706.5	707.5	708.5			
15	PV2 BPSK	1	1	23.40	23.37	23.35	24.0	0.0	
15	PV2 BPSK	1	40	23.38	23.36	23.31			
15	PV2 BPSK	1	77	23.35	23.33	23.29			
15	PV2 BPSK	36	0	23.36	23.35	23.30	24.0	0.0	
15	PV2 BPSK	36	22	23.34	23.35	23.29			
15	PV2 BPSK	36	43	23.30	23.27	23.28			
15	PV2 BPSK	75	0	22.81	22.80	22.78	23.5	0.5	
15	QPSK	1	1	23.38	23.30	23.26	24.0	0.0	
15	QPSK	1	40	23.31	23.27	23.25			
15	QPSK	1	77	23.31	23.27	23.35			
15	QPSK	36	0	23.35	23.30	23.26	24.0	0.0	
15	QPSK	36	22	23.33	23.28	23.27			
15	QPSK	36	43	23.32	23.29	23.29			
15	QPSK	75	0	22.38	22.37	22.28	23.0	1.0	
15	16QAM	1	1	22.36	22.34	22.29	23.0	1.0	
15	64QAM	1	1	20.85	20.83	20.78	21.5	2.5	
15	256QAM	1	1	18.88	18.85	18.75	19.5	4.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711	24.0 <th colspan="2"></th>		
10	PV2 BPSK	1	1	23.36	23.37	23.28	24.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5 <th>24.0<th colspan="2"></th></th>	24.0 <th colspan="2"></th>		
5	PV2 BPSK	1	1	23.33	23.27	23.30	24.0	0.0	

n66_MIMO 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	24.0	0.0
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.44	23.46	22.13	24.0	0.0
20	PI/2 BPSK	1	53	22.51	23.43	22.11		
20	PI/2 BPSK	1	104	22.38	23.36	22.19		
20	PI/2 BPSK	50	0	22.45	23.38	22.14		
20	PI/2 BPSK	50	25	22.51	23.33	22.12	24.0	0.0
20	PI/2 BPSK	50	56	22.40	23.20	22.10		
20	PI/2 BPSK	100	0	21.92	22.87	21.57		
20	QPSK	1	1	22.35	23.41	22.18		
20	QPSK	1	53	22.43	23.34	22.06	24.0	0.0
20	QPSK	1	104	22.44	23.44	22.13		
20	QPSK	50	0	22.37	23.41	22.09		
20	QPSK	50	25	22.45	23.41	22.04		
20	QPSK	50	56	22.46	23.37	22.08	24.0	0.0
20	QPSK	100	0	21.44	22.33	21.13		
20	16QAM	1	1	21.46	22.47	21.10		
20	64QAM	1	1	19.89	20.85	19.72		
20	256QAM	1	1	17.92	18.83	17.64	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	22.45	23.41	22.14	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	22.53	23.40	22.20	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	22.46	23.39	22.23	24.0	0.0

n66									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	22.11	23.09	23.37			
20	PI/2 BPSK	1	53	22.12	23.03	23.43	24.0	0.0	
20	PI/2 BPSK	1	104	22.00	22.97	23.37			
20	PI/2 BPSK	50	0	22.11	23.06	23.40			
20	PI/2 BPSK	50	28	22.07	23.06	23.35	24.0	0.0	
20	PI/2 BPSK	50	56	22.11	22.99	23.39			
20	PI/2 BPSK	100	0	21.83	22.50	22.89	23.5	0.5	
20	QPSK	1	1	22.04	22.99	23.33			
20	QPSK	1	53	22.04	23.03	23.32	24.0	0.0	
20	QPSK	1	104	22.08	23.05	23.32			
20	QPSK	50	0	22.09	23.07	23.41			
20	QPSK	50	28	22.06	23.08	23.42	24.0	0.0	
20	QPSK	50	56	22.04	23.06	23.33			
20	QPSK	100	0	21.14	21.98	22.34	23.0	1.0	
20	16QAM	1	1	21.09	21.99	22.37	23.0	1.0	
20	64QAM	1	1	19.60	20.60	20.80	21.5	2.5	
20	256QAM	1	1	17.64	18.52	19.80	19.5	4.5	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PI/2 BPSK	1	1	22.10	23.03	23.39	24.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PI/2 BPSK	1	1	22.09	23.09	23.45	24.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PI/2 BPSK	1	1	22.08	23.06	23.41	24.0	0.0	

n2_MIMO 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	15.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	14.08	14.29	14.42	15.0	0.0
20	PV2 BPSK	1	53	14.03	14.24	14.32		
20	PV2 BPSK	1	104	14.04	14.19	14.41	15.0	0.0
20	PV2 BPSK	50	0	14.06	14.28	14.39		
20	PV2 BPSK	50	28	14.01	14.22	14.36	15.0	0.0
20	PV2 BPSK	50	56	14.01	14.20	14.32		
20	PV2 BPSK	100	0	13.98	14.23	14.32	15.0	0.0
20	QPSK	1	1	14.06	14.23	14.37	15.0	0.0
20	QPSK	1	53	14.01	14.23	14.34		
20	QPSK	1	104	14.00	14.24	14.38	15.0	0.0
20	QPSK	50	0	14.03	14.21	14.32		
20	QPSK	50	28	14.00	14.24	14.35	15.0	0.0
20	QPSK	50	56	14.02	14.23	14.41		
20	QPSK	100	0	14.04	14.21	14.33	15.0	0.0
20	16QAM	1	1	14.08	14.25	14.33	15.0	0.0
20	64QAM	1	1	13.98	14.19	14.38	15.0	0.0
20	256QAM	1	1	14.01	14.21	14.32	15.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1897.5	1880	1902.5		
15	PV2 BPSK	1	1	14.02	14.19	14.38	15.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1906		
10	PV2 BPSK	1	1	14.07	14.27	14.39	15.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1892.5	1880	1907.5		
5	PV2 BPSK	1	1	14.08	14.22	14.42	15.0	0.0

n2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	16.5	0.0
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	16.11	15.82	16.12	16.5	0.0
20	PV2 BPSK	1	53	16.06	15.75	16.07		
20	PV2 BPSK	1	104	16.03	15.73	16.04		
20	PV2 BPSK	50	0	16.00	15.81	16.02		
20	PV2 BPSK	50	28	15.93	15.75	15.94	16.5	0.0
20	PV2 BPSK	50	56	15.89	15.79	15.83		
20	PV2 BPSK	100	0	16.02	15.75	16.08		
20	QPSK	1	1	16.06	15.77	15.96		
20	QPSK	1	53	16.11	15.73	15.95	16.5	0.0
20	QPSK	1	104	16.02	15.74	15.95		
20	QPSK	50	0	16.06	15.75	16.01		
20	QPSK	50	28	16.03	15.76	16.02		
20	QPSK	50	56	16.05	15.80	15.95	16.5	0.0
20	QPSK	100	0	16.09	15.81	15.93		
20	16QAM	1	1	16.08	15.73	15.94		
20	64QAM	1	1	16.05	15.80	15.97		
20	256QAM	1	1	16.07	15.79	15.98	16.5	0.0
Channel				371000	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	16.5	0.0
15	PV2 BPSK	1	1	16.11	15.81	16.02	16.5	0.0
Channel				371000	376000	381000	16.5	0.0
Frequency (MHz)				1855	1880	1905	16.5	0.0
10	PV2 BPSK	1	1	16.02	15.73	15.93	16.5	0.0
Channel				370500	376000	381500	16.5	0.0
Frequency (MHz)				1852.5	1880	1907.5	16.5	0.0
5	PV2 BPSK	1	1	16.02	15.74	16.03	16.5	0.0

n5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	18.5	0.0
Frequency (MHz)								
20	PI/2 BPSK	1	1	17.99	18.03	18.02		
20	PI/2 BPSK	1	53	17.92	17.93	17.95	18.5	0.0
20	PI/2 BPSK	1	104	17.97	17.95	18.01		
20	PI/2 BPSK	50	0	17.94	18.02	18.00		
20	PI/2 BPSK	50	28	17.93	18.02	17.97	18.5	0.0
20	PI/2 BPSK	50	56	17.91	18.01	17.94		
20	PI/2 BPSK	100	0	17.94	18.02	17.93		
20	QPSK	1	1	17.95	17.95	17.97	18.5	0.0
20	QPSK	1	53	17.91	17.97	17.96		
20	QPSK	1	104	17.91	17.96	17.98		
20	QPSK	50	0	17.89	17.97	17.95	18.5	0.0
20	QPSK	50	28	17.97	17.97	18.00		
20	QPSK	50	56	17.89	18.00	18.01		
20	QPSK	100	0	17.94	17.98	17.94	18.5	0.0
20	16QAM	1	1	17.95	17.97	17.98	18.5	0.0
20	64QAM	1	1	17.96	17.94	17.96	18.5	0.0
20	256QAM	1	1	17.98	18.02	17.93	18.5	0.0
Channel				166300	167300	168300	18.5	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	17.97	18.02	18.00		
Channel				165800	167300	168800	18.5	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	17.97	17.96	17.94		
Channel				165300	167300	168300	18.5	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	17.97	17.94	17.97		

n7_MIMO 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				50200	50700	51200	13.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PV2 BPSK	1	1	11.35	11.52	11.13	13.0	0.0
20	PV2 BPSK	1	53	11.27	11.43	11.10		
20	PV2 BPSK	1	104	11.25	11.43	11.09		
20	PV2 BPSK	50	0	11.35	11.46	11.13		
20	PV2 BPSK	50	28	11.32	11.45	11.12	13.0	0.0
20	PV2 BPSK	50	56	11.22	11.43	11.03		
20	PV2 BPSK	100	0	11.29	11.45	11.04		
20	QPSK	1	1	11.31	11.43	11.08	13.0	0.0
20	QPSK	1	53	11.27	11.45	11.06		
20	QPSK	1	104	11.34	11.47	11.11		
20	QPSK	50	0	11.31	11.48	11.06		
20	QPSK	50	28	11.31	11.50	11.05	13.0	0.0
20	QPSK	50	56	11.33	11.42	11.03		
20	QPSK	100	0	11.33	11.44	11.08		
20	16QAM	1	1	11.34	11.50	11.03	13.0	0.0
20	64QAM	1	1	11.26	11.48	11.05	13.0	0.0
20	256QAM	1	1	11.28	11.43	11.07	13.0	0.0
Channel				501500	507000	512500	13.0	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PV2 BPSK	1	1	11.31	11.50	11.11	13.0	0.0
Channel				501000	507000	513000	13.0	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PV2 BPSK	1	1	11.33	11.51	11.09	13.0	0.0
Channel				500500	507000	513500	13.0	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PV2 BPSK	1	1	11.25	11.42	11.05	13.0	0.0

n71								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	21.5	0.0
Frequency (MHz)				673	680.5	688		
20	PV2 BPSK	1	1	21.13	20.94	20.98		
20	PV2 BPSK	1	53	21.11	20.94	20.96	21.5	0.0
20	PV2 BPSK	1	104	21.05	20.93	20.89		
20	PV2 BPSK	50	0	21.06	20.94	20.97		
20	PV2 BPSK	50	28	21.05	20.98	20.96	21.5	0.0
20	PV2 BPSK	50	56	21.03	20.86	20.94		
20	PV2 BPSK	100	0	21.11	20.89	20.92		
20	QPSK	1	1	21.09	20.88	20.91	21.5	0.0
20	QPSK	1	53	21.04	20.92	20.93		
20	QPSK	1	104	21.11	20.89	20.92		
20	QPSK	50	0	21.09	20.93	20.96	21.5	0.0
20	QPSK	50	28	21.06	20.92	20.92		
20	QPSK	50	56	21.03	20.91	20.95		
20	QPSK	100	0	21.10	20.91	20.98	21.5	0.0
20	16QAM	1	1	21.10	20.85	20.98	21.5	0.0
20	64QAM	1	1	21.10	20.91	20.97	21.5	0.0
20	256QAM	1	1	19.04	18.94	18.92	19.5	2.0
Channel				134100	136100	138100	18.5	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PV2 BPSK	1	1	21.03	20.86	20.98	21.5	0.0
Channel				133600	136100	138600	18.5	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	PV2 BPSK	1	1	21.05	20.84	20.92	21.5	0.0
Channel				133100	136100	139100	18.5	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	PV2 BPSK	1	1	21.10	20.94	20.94	21.5	0.0

n12									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141200	141500	141700	21.0	0.0	
Frequency (MHz)				706.5	707.5	708.5			
15	PV2 BPSK	1	1	20.40	20.37	20.35	21.0	0.0	
15	PV2 BPSK	1	40	20.39	20.34	20.33			
15	PV2 BPSK	1	77	20.34	20.27	20.29			
15	PV2 BPSK	35	0	20.37	20.35	20.33	21.0	0.0	
15	PV2 BPSK	35	22	20.33	20.35	20.25			
15	PV2 BPSK	35	43	20.30	20.28	20.25			
15	PV2 BPSK	75	0	20.33	20.32	20.32	21.0	0.0	
15	QPSK	1	1	20.37	20.28	20.25	21.0	0.0	
15	QPSK	1	40	20.33	20.27	20.34			
15	QPSK	1	77	20.33	20.28	20.25			
15	QPSK	35	0	20.35	20.34	20.30	21.0	0.0	
15	QPSK	35	22	20.33	20.27	20.35			
15	QPSK	35	43	20.35	20.34	20.30			
15	QPSK	75	0	20.37	20.32	20.34	21.0	0.0	
15	16QAM	1	1	20.34	20.34	20.27	21.0	0.0	
15	64QAM	1	1	20.38	20.32	20.29	21.0	0.0	
15	256QAM	1	1	18.86	18.78	18.76	19.5	1.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	PV2 BPSK	1	1	20.34	20.31	20.26	21.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	PV2 BPSK	1	1	20.37	20.27	20.34	21.0	0.0	

n66_MIMO 2								
Band	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PV2 BPSK	1	1	13.46	14.46	13.23		
20	PV2 BPSK	1	53	13.45	14.42	13.22	15.0	0.0
20	PV2 BPSK	1	104	13.44	14.34	13.17		
20	PV2 BPSK	50	0	13.51	14.46	13.11		
20	PV2 BPSK	50	28	13.46	14.42	13.11	15.0	0.0
20	PV2 BPSK	50	56	13.47	14.34	13.08		
20	PV2 BPSK	100	0	13.40	14.34	13.13	15.0	0.0
20	QPSK	1	1	13.43	14.46	13.16		
20	QPSK	1	53	13.47	14.40	13.06	15.0	0.0
20	QPSK	1	104	13.45	14.39	13.07		
20	QPSK	50	0	13.52	14.38	13.14		
20	QPSK	50	28	13.48	14.35	13.12	15.0	0.0
20	QPSK	50	56	13.50	14.33	13.13		
20	QPSK	100	0	13.48	14.32	13.14	15.0	0.0
20	16QAM	1	1	13.41	14.37	13.19	15.0	0.0
20	64QAM	1	1	13.53	14.39	13.07	15.0	0.0
20	256QAM	1	1	13.47	14.41	13.13	15.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PV2 BPSK	1	1	13.47	14.45	13.22	15.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PV2 BPSK	1	1	13.54	14.38	13.23	15.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PV2 BPSK	1	1	13.52	14.44	13.18	15.0	0.0

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 344000	Power Middle Ch. / Freq. 349000	Power High Ch. / Freq. 354000	Tune-up limit (dBm)	MPR (dB)
Channel				1720	1745	1770	15.5	0.0
Frequency (MHz)				1720	1745	1770		
20	PV2 BPSK	1	1	13.62	14.59	14.90	15.5	0.0
20	PV2 BPSK	1	53	13.60	14.50	14.94		
20	PV2 BPSK	1	104	13.51	14.41	14.85		
20	PV2 BPSK	50	0	13.66	14.56	14.84		
20	PV2 BPSK	50	28	13.58	14.48	14.87	15.5	0.0
20	PV2 BPSK	50	56	13.56	14.43	14.85		
20	PV2 BPSK	100	0	13.50	14.55	14.83		
20	QPSK	1	1	13.64	14.58	14.79		
20	QPSK	1	53	13.58	14.52	14.85	15.5	0.0
20	QPSK	1	104	13.53	14.59	14.84		
20	QPSK	50	0	13.63	14.45	14.82		
20	QPSK	50	28	13.61	14.53	14.82		
20	QPSK	50	56	13.50	14.56	14.86	15.5	0.0
20	QPSK	100	0	13.58	14.54	14.85		
20	16QAM	1	1	13.64	14.50	14.83		
20	64QAM	1	1	13.63	14.55	14.87		
20	256QAM	1	1	13.56	14.50	14.85	15.5	0.0
Channel				343000	349000	354000	15.5	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PV2 BPSK	1	1	13.66	14.62	14.95	15.5	0.0
Channel				343000	349000	354000	15.5	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PV2 BPSK	1	1	13.67	14.61	14.88	15.5	0.0
Channel				342000	349000	355000	15.5	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PV2 BPSK	1	1	13.60	14.56	14.87	15.5	0.0

n41_MIMO 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.92	23.75	23.77		
100	PV2 BPSK	1	137	23.91	23.73	23.70	24.0	0.0
100	PV2 BPSK	1	271	23.86	23.65	23.62		
100	PV2 BPSK	135	0	23.90	23.72	23.74		
100	PV2 BPSK	135	69	23.87	23.66	23.71	24.0	0.0
100	PV2 BPSK	135	138	23.82	23.62	23.70		
100	PV2 BPSK	270	0	23.33	23.19	23.16	23.5	0.5
100	QPSK	1	1	23.83	23.65	23.70		
100	QPSK	1	137	23.82	23.67	23.75	24.0	0.0
100	QPSK	1	271	23.82	23.70	23.72		
100	QPSK	135	0	23.83	23.69	23.72		
100	QPSK	135	69	23.91	23.71	23.75	24.0	0.0
100	QPSK	135	138	23.86	23.71	23.71		
100	QPSK	270	0	22.87	22.72	22.66	23.0	1.0
100	16QAM	1	1	22.82	22.66	22.74	23.0	1.0
100	64QAM	1	1	21.42	21.18	21.17	21.5	2.5
100	256QAM	1	1	19.36	19.17	19.18	19.5	4.5
Channel				506200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	PV2 BPSK	1	1	23.85	23.72	23.73	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PV2 BPSK	1	1	23.89	23.75	23.67	24.0	0.0
Channel				506200	518598	531996		
Frequency (MHz)				2520	2592.99	2659.98		
60	PV2 BPSK	1	1	23.90	23.68	23.70	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PV2 BPSK	1	1	23.82	23.66	23.66	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	PV2 BPSK	1	1	23.91	23.70	23.71	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PV2 BPSK	1	1	23.89	23.69	23.66	24.0	0.0

n41_MIMO 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505202	518598	532000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PV2 BPSK	1	1	12.82	12.78	12.78			
100	PV2 BPSK	1	137	12.78	12.75	12.78	13.0	0.0	
100	PV2 BPSK	1	271	12.72	12.75	12.73			
100	PV2 BPSK	135	0	12.80	12.76	12.78			
100	PV2 BPSK	135	69	12.78	12.73	12.78	13.0	0.0	
100	PV2 BPSK	135	138	12.72	12.70	12.68			
100	PV2 BPSK	270	0	12.78	12.77	12.77	13.0	0.0	
100	QPSK	1	1	12.78	12.71	12.68			
100	QPSK	1	137	12.80	12.69	12.71	13.0	0.0	
100	QPSK	1	271	12.81	12.76	12.75			
100	QPSK	135	0	12.76	12.76	12.68			
100	QPSK	135	69	12.75	12.68	12.77	13.0	0.0	
100	QPSK	135	138	12.74	12.77	12.78			
100	QPSK	270	0	12.80	12.73	12.70	13.0	0.0	
100	16QAM	1	1	12.77	12.76	12.74	13.0	0.0	
100	64QAM	1	1	12.81	12.76	12.75	13.0	0.0	
100	256QAM	1	1	12.72	12.77	12.71	13.0	0.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2641	2592.99	2644.98			
90	PV2 BPSK	1	1	12.81	12.78	12.70	13.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	PV2 BPSK	1	1	12.79	12.71	12.69	13.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2626	2592.99	2659.98			
60	PV2 BPSK	1	1	12.75	12.74	12.72	13.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2604.99			
50	PV2 BPSK	1	1	12.77	12.77	12.70	13.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	PV2 BPSK	1	1	12.78	12.78	12.69	13.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	PV2 BPSK	1	1	12.81	12.73	12.68	13.0	0.0	