Full Power level/Default Power level/ Pmax Power Level for WWAN

GSM850—ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.42	32.57	32.32	33.50	23.42	23.57	23.32	24.50
GPRS 1 Tx slot	32.31	32.54	32.24	33.50	23.31	23.54	23.24	24.50
GPRS 2 Tx slots	31.13	31.56	31.33	32.50	25.13	25.56	25.33	26.50
GPRS 3 Tx slots	29.83	29.57	29.61	31.00	25.57	25.31	25.35	26.74
GPRS 4 Tx slots	28.37	28.12	28.22	30.00	25.37	25.12	25.22	27.00
EDGE 1 Tx slot	26.38	26.57	26.35	27.50	17.38	17.57	17.35	18.50
EDGE 2 Tx slots	25.68	25.55	25.61	26.50	19.68	19.55	19.61	20.50
EDGE 3 Tx slots	23.48	23.31	23.76	25.00	19.22	19.05	19.50	20.74
EDGE 4 Tx slots	21.65	21.45	22.03	23.00	18.65	18.45	19.03	20.00

GSM1900—ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.61	29.41	29.80	30.50	20.61	20.41	20.80	21.50
GPRS 1 Tx slot	29.34	29.37	29.79	30.50	20.34	20.37	20.79	21.50
GPRS 2 Tx slots	27.83	27.91	28.14	29.50	21.83	21.91	22.14	23.50
GPRS 3 Tx slots	26.80	26.87	27.28	28.00	22.54	22.61	23.02	23.74
GPRS 4 Tx slots	24.81	24.83	24.95	26.00	21.81	21.83	21.95	23.00
EDGE 1 Tx slot	25.81	25.59	25.88	27.00	16.81	16.59	16.88	18.00
EDGE 2 Tx slots	24.79	24.78	24.83	25.50	18.79	18.78	18.83	19.50
EDGE 3 Tx slots	23.23	22.90	23.06	24.50	18.97	18.64	18.80	20.24
EDGE 4 Tx slots	21.52	21.38	21.29	22.50	18.52	18.38	18.29	19.50

Band		WCDMA II—ANT 1			Tune-up Limit (dBm)	WCDMA V—ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.25	23.20	23.21	24.00	23.18	23.07	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.27	23.35	24.00	23.26	23.13	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.31	22.20	23.00	22.25	22.13	22.03	23.00
3GPP Rel 6	HSDPA Subtest-2	22.41	22.31	22.29	23.00	22.24	22.16	22.00	23.00
3GPP Rel 6	HSDPA Subtest-3	21.85	21.80	21.77	22.50	21.71	21.64	21.48	22.50
3GPP Rel 6	HSDPA Subtest-4	21.85	21.75	21.78	22.50	21.71	21.62	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.28	22.30	23.00	22.25	22.18	22.18	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.20	22.21	22.24	23.00	22.21	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.87	22.50	21.90	21.82	21.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.85	21.87	21.82	22.50	21.87	21.85	21.85	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.32	22.31	23.00	22.25	22.16	22.19	23.00
3GPP Rel 6	HSUPA Subtest-2	20.36	20.33	20.33	21.00	20.22	20.13	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.39	21.30	21.32	22.00	21.23	21.09	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	20.35	20.34	20.27	21.00	20.20	20.08	20.11	21.00
3GPP Rel 6	HSUPA Subtest-5	22.40	22.30	22.40	23.00	22.30	22.10	22.20	23.00

Band 2_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.13	22.91	22.77	24	0
20	QPSK	1	49	22.91	22.78	22.69		
20	QPSK	1	99	22.77	22.77	22.65		
20	QPSK	50	0	22.29	22.17	22.02	23	1
20	QPSK	50	24	22.16	22.10	22.06		
20	QPSK	50	50	22.08	22.06	22.02		
20	QPSK	100	0	22.23	22.17	22.07		
20	16QAM	1	0	22.51	22.42	22.29	23	1
20	16QAM	1	49	22.42	22.35	22.28		
20	16QAM	1	99	22.33	22.30	22.19		
20	16QAM	50	0	21.27	21.17	21.00	22	2
20	16QAM	50	24	21.14	21.16	21.05		
20	16QAM	50	50	21.08	21.07	21.03		
20	16QAM	100	0	21.12	21.16	21.07		
20	64QAM	1	0	21.46	21.35	21.22	22	2
20	64QAM	1	49	21.29	21.23	21.13		
20	64QAM	1	99	21.08	21.19	20.73		
20	64QAM	50	0	20.30	20.18	20.04	21	3
20	64QAM	50	24	20.15	20.19	20.09		
20	64QAM	50	50	20.10	20.08	20.08		
20	64QAM	100	0	20.15	20.15	20.10		
20	256QAM	1	0	17.77	17.60	17.46	19	5
20	256QAM	1	49	17.76	17.47	17.48		
20	256QAM	1	99	17.63	17.55	17.53		
20	256QAM	50	0	17.83	17.81	17.60	19	5
20	256QAM	50	24	17.77	17.70	17.69		
20	256QAM	50	50	17.74	17.51	17.84		
20	256QAM	100	0	17.79	17.67	17.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.04	22.84	22.68	24	0
15	QPSK	1	37	22.90	22.88	22.68		
15	QPSK	1	74	22.78	22.79	22.64		
15	QPSK	36	0	22.30	22.16	21.95	23	1
15	QPSK	36	20	22.23	22.12	22.06		
15	QPSK	36	39	22.08	22.07	22.05		
15	QPSK	75	0	22.17	22.13	21.98		
15	16QAM	1	0	22.56	22.44	22.28	23	1
15	16QAM	1	37	22.41	22.37	22.23		
15	16QAM	1	74	22.36	22.30	22.27		
15	16QAM	36	0	21.26	21.16	21.01	22	2
15	16QAM	36	20	21.24	21.12	21.05		
15	16QAM	36	39	21.07	21.07	21.01		
15	16QAM	75	0	21.16	21.15	21.00		
15	64QAM	1	0	21.46	21.20	21.19	22	2
15	64QAM	1	37	21.35	21.18	21.10		
15	64QAM	1	74	21.22	21.12	20.67		
15	64QAM	36	0	20.28	20.19	20.00	21	3
15	64QAM	36	20	20.27	20.16	20.09		
15	64QAM	36	39	20.15	20.14	20.04		
15	64QAM	75	0	20.16	20.13	19.99		
15	256QAM	1	0	17.87	17.86	17.48	19	5
15	256QAM	1	37	17.61	17.64	17.77		
15	256QAM	1	74	17.44	17.50	17.54		
15	256QAM	36	0	17.60	17.58	17.86	19	5
15	256QAM	36	20	17.44	17.78	17.86		
15	256QAM	36	39	17.47	17.55	17.68		
15	256QAM	75	0	17.42	17.86	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.01	22.91	24	0
10	QPSK	1	25	23.06	22.93	22.83		
10	QPSK	1	49	23.03	22.84	22.85		
10	QPSK	25	0	22.42	22.31	22.10	23	1
10	QPSK	25	12	22.36	22.25	22.11		
10	QPSK	25	25	22.29	22.19	22.14		
10	QPSK	50	0	22.36	22.23	22.02		
10	16QAM	1	0	22.59	22.49	22.43	23	1
10	16QAM	1	25	22.50	22.46	22.38		
10	16QAM	1	49	22.47	22.43	22.36		
10	16QAM	25	0	21.42	21.33	21.15	22	2
10	16QAM	25	12	21.40	21.31	21.13		
10	16QAM	25	25	21.33	21.20	21.12		
10	16QAM	50	0	21.37	21.27	21.10		
10	64QAM	1	0	21.61	21.51	21.26	22	2
10	64QAM	1	25	21.41	21.36	21.17		
10	64QAM	1	49	21.40	21.37	20.71		
10	64QAM	25	0	20.43	20.34	20.15	21	3
10	64QAM	25	12	20.42	20.29	20.13		
10	64QAM	25	25	20.33	20.25	20.02		
10	64QAM	50	0	20.40	20.29	20.10		
10	256QAM	1	0	17.84	17.61	17.71	19	5
10	256QAM	1	25	17.67	17.46	17.83		
10	256QAM	1	49	17.43	17.44	17.70		
10	256QAM	25	0	17.75	17.57	17.42	19	5
10	256QAM	25	12	17.62	17.41	17.54		
10	256QAM	25	25	17.42	17.44	17.86		
10	256QAM	50	0	17.73	17.41	17.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	22.96	22.86	24	0
5	QPSK	1	12	23.05	23.00	22.83		
5	QPSK	1	24	23.02	22.91	22.79		
5	QPSK	12	0	22.42	22.27	22.17	23	1
5	QPSK	12	7	22.40	22.25	22.11		
5	QPSK	12	13	22.36	22.16	22.05		
5	QPSK	25	0	22.40	22.18	22.06		
5	16QAM	1	0	22.68	22.56	22.41	23	1
5	16QAM	1	12	22.76	22.57	22.44		
5	16QAM	1	24	22.55	22.47	22.38		
5	16QAM	12	0	21.45	21.34	21.16	22	2
5	16QAM	12	7	21.39	21.27	21.14		
5	16QAM	12	13	21.28	21.21	21.07		
5	16QAM	25	0	21.36	21.24	21.09		
5	64QAM	1	0	21.59	21.43	21.34	22	2
5	64QAM	1	12	21.44	21.33	20.90		
5	64QAM	1	24	21.44	21.32	20.81		
5	64QAM	12	0	20.46	20.32	20.20	21	3
5	64QAM	12	7	20.43	20.30	19.90		
5	64QAM	12	13	20.34	20.20	19.71		
5	64QAM	25	0	20.40	20.26	19.92		
5	256QAM	1	0	17.42	17.83	17.60	19	5
5	256QAM	1	12	17.59	17.85	17.54		
5	256QAM	1	24	17.71	17.55	17.47		
5	256QAM	12	0	17.87	17.87	17.68	19	5
5	256QAM	12	7	17.65	17.79	17.62		
5	256QAM	12	13	17.45	17.57	17.78		
5	256QAM	25	0	17.74	17.90	17.65		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.03	22.91	24	0
3	QPSK	1	8	23.03	22.97	22.82		
3	QPSK	1	14	23.00	22.87	22.74		
3	QPSK	8	0	22.41	22.26	22.12	23	1
3	QPSK	8	4	22.42	22.25	22.07		
3	QPSK	8	7	22.31	22.16	22.02		
3	QPSK	15	0	22.33	22.20	22.07		
3	16QAM	1	0	22.61	22.63	22.43	23	1
3	16QAM	1	8	22.61	22.55	22.56		
3	16QAM	1	14	22.43	22.43	22.36		
3	16QAM	8	0	21.46	21.29	21.20	22	2
3	16QAM	8	4	21.41	21.27	21.19		
3	16QAM	8	7	21.30	21.19	21.09		
3	16QAM	15	0	21.36	21.23	21.10		
3	64QAM	1	0	21.59	21.47	21.03	22	2
3	64QAM	1	8	21.58	21.45	20.78		
3	64QAM	1	14	21.47	21.27	20.73		
3	64QAM	8	0	20.49	20.36	19.78	21	3
3	64QAM	8	4	20.47	20.28	19.66		
3	64QAM	8	7	20.35	20.23	19.58		
3	64QAM	15	0	20.41	20.32	19.69		
3	256QAM	1	0	17.41	17.82	17.47	19	5
3	256QAM	1	8	17.58	17.75	17.73		
3	256QAM	1	14	17.43	17.89	17.60		
3	256QAM	8	0	17.53	17.77	17.44	19	5
3	256QAM	8	4	17.64	17.41	17.45		
3	256QAM	8	7	17.50	17.42	17.70		
3	256QAM	15	0	17.52	17.78	17.44		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.07	22.88	22.72	24	0
1.4	QPSK	1	3	23.11	22.93	22.80		
1.4	QPSK	1	5	22.98	22.79	22.66		
1.4	QPSK	3	0	23.10	22.91	22.77		
1.4	QPSK	3	1	23.10	22.94	22.79		
1.4	QPSK	3	3	23.01	22.83	22.76		
1.4	QPSK	6	0	22.31	22.12	22.00	23	1
1.4	16QAM	1	0	22.62	22.46	22.36	23	1
1.4	16QAM	1	3	22.58	22.52	22.42		
1.4	16QAM	1	5	22.54	22.38	22.34		
1.4	16QAM	3	0	22.38	22.30	22.05		
1.4	16QAM	3	1	22.30	22.16	22.04		
1.4	16QAM	3	3	22.26	22.15	21.98		
1.4	16QAM	6	0	21.32	21.15	21.10	22	2
1.4	64QAM	1	0	21.53	21.36	20.67	22	2
1.4	64QAM	1	3	21.56	21.39	20.70		
1.4	64QAM	1	5	21.40	21.31	20.71		
1.4	64QAM	3	0	21.48	21.29	20.65		
1.4	64QAM	3	1	21.45	21.36	20.70		
1.4	64QAM	3	3	21.42	21.24	20.66		
1.4	64QAM	6	0	20.30	20.17	19.46	21	3
1.4	256QAM	1	0	17.61	17.90	17.73	19	5
1.4	256QAM	1	3	17.41	17.78	17.82		
1.4	256QAM	1	5	17.54	17.51	17.82		
1.4	256QAM	3	0	17.60	17.61	17.77		
1.4	256QAM	3	1	17.81	17.73	17.64		
1.4	256QAM	3	3	17.59	17.70	17.57		
1.4	256QAM	6	0	17.73	17.88	17.80	19	5

Band 4_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.14	23.15	22.89	24	0
20	QPSK	1	49	22.92	22.71	22.85		
20	QPSK	1	99	22.72	22.70	22.77		
20	QPSK	50	0	22.30	22.33	22.13	23	1
20	QPSK	50	24	22.27	22.09	22.12		
20	QPSK	50	50	22.11	22.00	22.13		
20	QPSK	100	0	22.14	22.20	22.15		
20	16QAM	1	0	22.65	22.55	22.42	23	1
20	16QAM	1	49	22.50	22.25	22.41		
20	16QAM	1	99	22.23	22.31	22.37		
20	16QAM	50	0	21.31	21.13	21.15	22	2
20	16QAM	50	24	21.28	21.08	21.12		
20	16QAM	50	50	21.11	21.00	21.17		
20	16QAM	100	0	21.18	21.07	21.12		
20	64QAM	1	0	20.70	21.37	21.18	22	2
20	64QAM	1	49	20.84	21.18	21.11		
20	64QAM	1	99	21.13	21.16	20.71		
20	64QAM	50	0	19.49	20.18	20.18	21	3
20	64QAM	50	24	19.73	20.12	20.12		
20	64QAM	50	50	20.11	20.06	19.68		
20	64QAM	100	0	19.88	20.08	20.16		
20	256QAM	1	0	17.54	17.45	17.47	19	5
20	256QAM	1	49	17.75	17.56	17.50		
20	256QAM	1	99	17.54	17.63	17.62		
20	256QAM	50	0	17.90	17.59	17.66	19	5
20	256QAM	50	24	17.84	17.68	17.64		
20	256QAM	50	50	17.85	17.62	17.72		
20	256QAM	100	0	17.81	17.64	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.98	22.83	22.81	24	0
15	QPSK	1	37	22.91	22.76	22.79		
15	QPSK	1	74	22.74	22.72	22.76		
15	QPSK	36	0	22.27	22.06	22.11	23	1
15	QPSK	36	20	22.16	22.04	22.17		
15	QPSK	36	39	22.05	22.00	22.10		
15	QPSK	75	0	22.16	21.99	22.07		
15	16QAM	1	0	22.49	22.45	22.38	23	1
15	16QAM	1	37	22.39	22.24	22.31		
15	16QAM	1	74	22.26	22.30	22.35		
15	16QAM	36	0	21.22	21.09	21.08	22	2
15	16QAM	36	20	21.16	21.05	21.16		
15	16QAM	36	39	21.11	21.00	21.12		
15	16QAM	75	0	21.16	21.03	21.05		
15	64QAM	1	0	20.45	21.22	21.30	22	2
15	64QAM	1	37	20.80	21.04	21.16		
15	64QAM	1	74	21.05	21.11	21.17		
15	64QAM	36	0	19.69	20.09	20.47	21	3
15	64QAM	36	20	19.76	20.03	20.01		
15	64QAM	36	39	20.10	20.01	19.86		
15	64QAM	75	0	19.89	20.01	20.18		
15	256QAM	1	0	17.82	17.46	17.75	19	5
15	256QAM	1	37	17.70	17.84	17.73		
15	256QAM	1	74	17.66	17.41	17.85		
15	256QAM	36	0	17.62	17.81	17.44	19	5
15	256QAM	36	20	17.71	17.79	17.88		
15	256QAM	36	39	17.77	17.79	17.72		
15	256QAM	75	0	17.71	17.63	17.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	22.90	22.96	24	0
10	QPSK	1	25	23.04	22.84	22.99		
10	QPSK	1	49	22.97	22.77	22.89		
10	QPSK	25	0	22.25	22.15	22.23	23	1
10	QPSK	25	12	22.19	22.13	22.22		
10	QPSK	25	25	22.30	22.10	22.26		
10	QPSK	50	0	22.27	22.16	22.21		
10	16QAM	1	0	22.60	22.39	22.46	23	1
10	16QAM	1	25	22.30	22.36	22.44		
10	16QAM	1	49	22.54	22.37	22.52		
10	16QAM	25	0	21.23	21.19	21.20	22	2
10	16QAM	25	12	21.18	21.19	21.25		
10	16QAM	25	25	21.29	21.10	21.24		
10	16QAM	50	0	21.26	21.15	21.24		
10	64QAM	1	0	20.96	21.38	21.00	22	2
10	64QAM	1	25	20.66	21.21	20.89		
10	64QAM	1	49	21.11	21.28	21.27		
10	64QAM	25	0	19.67	20.24	20.01	21	3
10	64QAM	25	12	19.63	20.17	19.81		
10	64QAM	25	25	19.76	20.12	19.85		
10	64QAM	50	0	19.73	20.18	19.95		
10	256QAM	1	0	17.53	17.85	17.52	19	5
10	256QAM	1	25	17.78	17.80	17.76		
10	256QAM	1	49	17.46	17.57	17.85		
10	256QAM	25	0	17.79	17.55	17.45	19	5
10	256QAM	25	12	17.84	17.82	17.42		
10	256QAM	25	25	17.74	17.41	17.70		
10	256QAM	50	0	17.65	17.86	17.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.07	22.87	22.97	24	0
5	QPSK	1	12	22.92	22.89	23.01		
5	QPSK	1	24	22.99	22.83	22.94		
5	QPSK	12	0	22.10	22.16	22.16	23	1
5	QPSK	12	7	22.04	22.11	22.20		
5	QPSK	12	13	22.01	22.09	22.20		
5	QPSK	25	0	22.04	22.10	22.20		
5	16QAM	1	0	22.35	22.44	22.42	23	1
5	16QAM	1	12	22.12	22.40	22.30		
5	16QAM	1	24	22.21	22.36	22.54		
5	16QAM	12	0	21.05	21.13	21.15	22	2
5	16QAM	12	7	21.00	21.13	21.20		
5	16QAM	12	13	20.99	21.14	21.24		
5	16QAM	25	0	21.02	21.13	21.21		
5	64QAM	1	0	20.80	21.32	20.83	22	2
5	64QAM	1	12	20.56	21.19	20.69		
5	64QAM	1	24	20.68	21.22	21.05		
5	64QAM	12	0	19.56	20.18	19.66	21	3
5	64QAM	12	7	19.49	20.19	19.71		
5	64QAM	12	13	19.48	20.14	19.78		
5	64QAM	25	0	19.47	20.13	19.68		
5	256QAM	1	0	17.88	17.59	17.83	19	5
5	256QAM	1	12	17.62	17.75	17.52		
5	256QAM	1	24	17.56	17.88	17.47		
5	256QAM	12	0	17.44	17.43	17.56	19	5
5	256QAM	12	7	17.79	17.66	17.81		
5	256QAM	12	13	17.70	17.73	17.84		
5	256QAM	25	0	17.55	17.89	17.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.12	22.88	22.97	24	0
3	QPSK	1	8	23.00	22.91	23.02		
3	QPSK	1	14	22.93	22.83	22.94		
3	QPSK	8	0	22.05	22.12	22.20	23	1
3	QPSK	8	4	22.04	22.11	22.24		
3	QPSK	8	7	21.99	22.07	22.18		
3	QPSK	15	0	22.02	22.08	22.18		
3	16QAM	1	0	22.21	22.30	22.42	23	1
3	16QAM	1	8	22.17	22.38	22.55		
3	16QAM	1	14	22.12	22.38	22.47		
3	16QAM	8	0	21.07	21.15	21.25	22	2
3	16QAM	8	4	21.08	21.19	21.26		
3	16QAM	8	7	21.01	21.10	21.17		
3	16QAM	15	0	21.00	21.08	21.21		
3	64QAM	1	0	20.69	21.32	20.79	22	2
3	64QAM	1	8	20.70	21.31	20.90		
3	64QAM	1	14	20.65	21.33	20.96		
3	64QAM	8	0	19.49	20.15	19.67	21	3
3	64QAM	8	4	19.50	20.23	19.74		
3	64QAM	8	7	19.45	20.11	19.79		
3	64QAM	15	0	19.45	20.19	19.70		
3	256QAM	1	0	17.42	17.69	17.82	19	5
3	256QAM	1	8	17.66	17.50	17.46		
3	256QAM	1	14	17.79	17.84	17.60		
3	256QAM	8	0	17.83	17.63	17.76	19	5
3	256QAM	8	4	17.42	17.78	17.66		
3	256QAM	8	7	17.88	17.68	17.44		
3	256QAM	15	0	17.82	17.70	17.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.04	22.73	22.82	24	0
1.4	QPSK	1	3	23.10	22.87	22.91		
1.4	QPSK	1	5	22.99	22.71	22.79		
1.4	QPSK	3	0	23.02	22.78	22.89		
1.4	QPSK	3	1	23.02	22.83	22.94		
1.4	QPSK	3	3	22.95	22.77	22.91		
1.4	QPSK	6	0	22.04	22.02	22.12	23	1
1.4	16QAM	1	0	22.31	22.28	22.26	23	1
1.4	16QAM	1	3	22.30	22.35	22.36		
1.4	16QAM	1	5	22.24	22.30	22.31		
1.4	16QAM	3	0	22.03	22.12	22.07		
1.4	16QAM	3	1	22.05	22.05	22.14		
1.4	16QAM	3	3	22.01	22.07	22.12		
1.4	16QAM	6	0	21.08	21.10	21.17	22	2
1.4	64QAM	1	0	20.72	21.24	20.71	22	2
1.4	64QAM	1	3	20.74	21.29	20.88		
1.4	64QAM	1	5	20.63	21.23	20.81		
1.4	64QAM	3	0	20.62	21.16	20.68		
1.4	64QAM	3	1	20.67	21.16	20.71		
1.4	64QAM	3	3	20.60	21.20	20.74		
1.4	64QAM	6	0	19.43	20.01	19.57	21	3
1.4	256QAM	1	0	17.50	17.73	17.62	19	5
1.4	256QAM	1	3	17.66	17.60	17.74		
1.4	256QAM	1	5	17.50	17.52	17.66		
1.4	256QAM	3	0	17.75	17.55	17.41		
1.4	256QAM	3	1	17.50	17.42	17.45		
1.4	256QAM	3	3	17.56	17.79	17.60		
1.4	256QAM	6	0	17.77	17.56	17.60	19	5

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.89	22.99	22.74	24	0
10	QPSK	1	25	22.88	22.80	22.65		
10	QPSK	1	49	22.91	22.65	22.57		
10	QPSK	25	0	22.13	22.27	21.99	23	1
10	QPSK	25	12	22.23	22.07	22.01		
10	QPSK	25	25	22.13	22.03	21.85		
10	QPSK	50	0	22.20	22.26	21.97		
10	16QAM	1	0	22.33	22.42	22.25	23	1
10	16QAM	1	25	22.37	22.31	22.11		
10	16QAM	1	49	22.45	22.21	22.12		
10	16QAM	25	0	21.17	21.12	21.06	22	2
10	16QAM	25	12	21.24	21.10	20.91		
10	16QAM	25	25	21.17	21.04	20.87		
10	16QAM	50	0	21.21	21.08	20.99		
10	64QAM	1	0	21.23	21.33	21.20	22	2
10	64QAM	1	25	21.32	21.26	21.08		
10	64QAM	1	49	21.34	21.09	20.93		
10	64QAM	25	0	20.19	20.16	20.07	21	3
10	64QAM	25	12	20.24	20.14	20.04		
10	64QAM	25	25	20.22	20.06	19.90		
10	64QAM	50	0	20.22	20.10	20.04		
10	256QAM	1	0	17.91	17.65	17.66	19	5
10	256QAM	1	25	17.57	17.49	17.61		
10	256QAM	1	49	17.91	17.93	17.71		
10	256QAM	25	0	17.96	18.09	17.87	19	5
10	256QAM	25	12	17.99	17.90	17.86		
10	256QAM	25	25	18.12	17.99	17.58		
10	256QAM	50	0	18.08	18.00	17.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.98	22.92	22.67	24	0
5	QPSK	1	12	22.87	22.87	22.66		
5	QPSK	1	24	22.94	22.77	22.57		
5	QPSK	12	0	22.19	22.00	21.86	23	1
5	QPSK	12	7	22.20	22.01	21.86		
5	QPSK	12	13	22.16	22.01	21.84		
5	QPSK	25	0	22.16	22.04	21.85		
5	16QAM	1	0	22.49	22.41	22.21	23	1
5	16QAM	1	12	22.47	22.31	22.14		
5	16QAM	1	24	22.44	22.28	22.14		
5	16QAM	12	0	21.19	21.09	20.93	22	2
5	16QAM	12	7	21.20	21.06	20.90		
5	16QAM	12	13	21.17	21.06	20.89		
5	16QAM	25	0	21.20	21.06	20.89		
5	64QAM	1	0	21.40	21.30	20.99	22	2
5	64QAM	1	12	21.20	21.16	20.94		
5	64QAM	1	24	21.36	21.24	21.00		
5	64QAM	12	0	20.22	20.14	19.94	21	3
5	64QAM	12	7	20.22	20.07	19.96		
5	64QAM	12	13	20.21	20.08	19.88		
5	64QAM	25	0	20.21	20.06	19.89		
5	256QAM	1	0	17.58	17.71	17.95	19	5
5	256QAM	1	12	18.05	17.56	18.04		
5	256QAM	1	24	17.78	17.58	17.54		
5	256QAM	12	0	17.95	18.10	17.94	19	5
5	256QAM	12	7	17.91	18.04	18.01		
5	256QAM	12	13	17.86	18.01	17.74		
5	256QAM	25	0	17.62	17.85	17.58		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.92	22.86	22.65	24	0
3	QPSK	1	8	22.95	22.85	22.64		
3	QPSK	1	14	22.95	22.78	22.61		
3	QPSK	8	0	22.14	22.01	21.84	23	1
3	QPSK	8	4	22.21	22.03	21.87		
3	QPSK	8	7	22.14	22.00	21.80		
3	QPSK	15	0	22.16	21.97	21.86		
3	16QAM	1	0	22.44	22.43	22.19	23	1
3	16QAM	1	8	22.50	22.52	22.25		
3	16QAM	1	14	22.42	22.36	22.12		
3	16QAM	8	0	21.25	21.03	20.86	22	2
3	16QAM	8	4	21.30	21.10	20.92		
3	16QAM	8	7	21.15	21.01	20.86		
3	16QAM	15	0	21.22	21.07	20.91		
3	64QAM	1	0	21.37	21.23	21.05	22	2
3	64QAM	1	8	21.44	21.28	21.06		
3	64QAM	1	14	21.40	21.25	21.04		
3	64QAM	8	0	20.28	20.07	19.92	21	3
3	64QAM	8	4	20.25	20.10	19.89		
3	64QAM	8	7	20.16	20.02	19.87		
3	64QAM	15	0	20.24	20.10	19.94		
3	256QAM	1	0	17.81	17.99	18.07	19	5
3	256QAM	1	8	17.99	17.54	17.66		
3	256QAM	1	14	17.52	18.02	17.58		
3	256QAM	8	0	17.63	17.89	17.68	19	5
3	256QAM	8	4	17.95	17.93	17.99		
3	256QAM	8	7	17.55	17.71	18.09		
3	256QAM	15	0	18.07	17.52	17.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.84	22.71	22.47	24	0
1.4	QPSK	1	3	22.86	22.77	22.50		
1.4	QPSK	1	5	22.79	22.71	22.44		
1.4	QPSK	3	0	22.85	22.79	22.51		
1.4	QPSK	3	1	22.92	22.80	22.56		
1.4	QPSK	3	3	22.84	22.75	22.50		
1.4	QPSK	6	0	22.12	21.99	21.73	23	1
1.4	16QAM	1	0	22.33	22.26	22.03	23	1
1.4	16QAM	1	3	22.40	22.38	22.10		
1.4	16QAM	1	5	22.29	22.37	21.95		
1.4	16QAM	3	0	22.11	22.04	21.75		
1.4	16QAM	3	1	22.11	21.99	21.80		
1.4	16QAM	3	3	22.09	21.99	21.79		
1.4	16QAM	6	0	21.14	21.09	20.80	22	2
1.4	64QAM	1	0	21.32	21.26	20.95	22	2
1.4	64QAM	1	3	21.30	21.30	20.97		
1.4	64QAM	1	5	21.29	21.17	20.96		
1.4	64QAM	3	0	21.27	21.15	20.91		
1.4	64QAM	3	1	21.25	21.21	20.92		
1.4	64QAM	3	3	21.28	21.15	20.85		
1.4	64QAM	6	0	20.15	20.02	19.67	21	3
1.4	256QAM	1	0	17.58	17.79	17.65	19	5
1.4	256QAM	1	3	17.80	17.60	17.93		
1.4	256QAM	1	5	17.51	17.97	17.75		
1.4	256QAM	3	0	17.74	17.91	17.89		
1.4	256QAM	3	1	17.95	18.05	17.80		
1.4	256QAM	3	3	17.52	17.59	17.71		
1.4	256QAM	6	0	17.73	17.57	17.74	19	5

Band 7_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.14	23.05	22.99	24	0
20	QPSK	1	49	22.90	22.97	22.92		
20	QPSK	1	99	22.92	22.86	22.89		
20	QPSK	50	0	22.32	22.21	22.26	23	1
20	QPSK	50	24	22.23	22.00	22.22		
20	QPSK	50	50	22.06	21.85	22.20		
20	QPSK	100	0	22.18	22.05	22.30		
20	16QAM	1	0	22.62	22.50	22.52	23	1
20	16QAM	1	49	22.50	22.14	22.48		
20	16QAM	1	99	22.18	22.22	22.42		
20	16QAM	50	0	21.36	21.05	21.22	22	2
20	16QAM	50	24	21.30	21.00	21.23		
20	16QAM	50	50	21.11	20.85	21.25		
20	16QAM	100	0	21.18	20.96	21.22		
20	64QAM	1	0	20.72	21.26	21.28	22	2
20	64QAM	1	49	20.80	21.13	21.22		
20	64QAM	1	99	21.18	21.10	20.81		
20	64QAM	50	0	19.77	20.07	20.30	21	3
20	64QAM	50	24	19.75	19.99	20.23		
20	64QAM	50	50	20.07	19.96	19.80		
20	64QAM	100	0	19.85	20.00	20.29		
20	256QAM	1	0	17.89	17.89	17.83	19	5
20	256QAM	1	49	18.07	17.82	17.93		
20	256QAM	1	99	17.79	17.82	18.04		
20	256QAM	50	0	18.22	18.03	18.09	19	5
20	256QAM	50	24	18.13	18.06	17.99		
20	256QAM	50	50	18.14	18.00	18.16		
20	256QAM	100	0	18.10	18.09	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.01	23.04	22.92	24	0
15	QPSK	1	37	22.85	22.89	22.84		
15	QPSK	1	74	22.91	22.74	22.80		
15	QPSK	36	0	22.28	22.15	22.19	23	1
15	QPSK	36	20	22.18	21.87	22.16		
15	QPSK	36	39	21.96	21.78	22.16		
15	QPSK	75	0	22.09	22.01	22.19		
15	16QAM	1	0	22.63	22.43	22.50	23	1
15	16QAM	1	37	22.38	22.11	22.43		
15	16QAM	1	74	22.08	22.15	22.42		
15	16QAM	36	0	21.26	20.92	21.10	22	2
15	16QAM	36	20	21.30	20.92	21.16		
15	16QAM	36	39	21.03	20.84	21.18		
15	16QAM	75	0	21.14	20.85	21.15		
15	64QAM	1	0	20.65	21.27	21.17	22	2
15	64QAM	1	37	20.68	21.14	21.15		
15	64QAM	1	74	21.16	21.01	20.79		
15	64QAM	36	0	19.95	20.08	20.22	21	3
15	64QAM	36	20	19.76	19.89	20.18		
15	64QAM	36	39	20.08	19.94	19.76		
15	64QAM	75	0	19.80	19.96	20.26		
15	256QAM	1	0	17.84	17.56	17.70	19	5
15	256QAM	1	37	17.98	17.82	17.93		
15	256QAM	1	74	17.77	17.69	18.00		
15	256QAM	36	0	18.12	18.03	18.10	19	5
15	256QAM	36	20	18.07	17.96	18.00		
15	256QAM	36	39	18.13	17.94	18.11		
15	256QAM	75	0	18.04	18.04	18.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.01	22.95	22.86	24	0
10	QPSK	1	25	22.83	22.85	22.82		
10	QPSK	1	49	22.85	22.87	22.82		
10	QPSK	25	0	22.23	22.17	22.21	23	1
10	QPSK	25	12	22.17	21.96	22.14		
10	QPSK	25	25	21.94	21.79	22.07		
10	QPSK	50	0	22.10	22.06	22.19		
10	16QAM	1	0	22.55	22.46	22.53	23	1
10	16QAM	1	25	22.37	22.11	22.43		
10	16QAM	1	49	22.17	22.09	22.41		
10	16QAM	25	0	21.24	20.93	21.18	22	2
10	16QAM	25	12	21.30	20.89	21.19		
10	16QAM	25	25	20.99	20.85	21.23		
10	16QAM	50	0	21.14	20.96	21.22		
10	64QAM	1	0	20.66	21.23	21.26	22	2
10	64QAM	1	25	20.68	21.12	21.17		
10	64QAM	1	49	21.18	21.02	20.73		
10	64QAM	25	0	19.96	20.01	20.30	21	3
10	64QAM	25	12	19.92	19.90	20.10		
10	64QAM	25	25	19.95	19.83	19.91		
10	64QAM	50	0	19.85	19.95	20.30		
10	256QAM	1	0	17.86	17.57	17.73	19	5
10	256QAM	1	25	18.03	17.83	17.93		
10	256QAM	1	49	17.70	17.79	18.03		
10	256QAM	25	0	18.19	18.04	18.10	19	5
10	256QAM	25	12	18.10	17.96	17.98		
10	256QAM	25	25	18.02	17.96	18.12		
10	256QAM	50	0	18.02	17.99	18.13		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.07	22.98	22.92	24	0
5	QPSK	1	12	22.90	22.96	22.89		
5	QPSK	1	24	22.90	22.75	22.82		
5	QPSK	12	0	22.24	22.16	22.25	23	1
5	QPSK	12	7	22.12	21.91	22.11		
5	QPSK	12	13	22.07	21.83	22.19		
5	QPSK	25	0	22.14	22.01	22.23		
5	16QAM	1	0	22.49	22.37	22.39	23	1
5	16QAM	1	12	22.39	22.12	22.42		
5	16QAM	1	24	22.12	22.11	22.30		
5	16QAM	12	0	21.32	21.04	21.10	22	2
5	16QAM	12	7	21.23	20.96	21.12		
5	16QAM	12	13	21.05	20.74	21.20		
5	16QAM	25	0	21.16	20.91	21.23		
5	64QAM	1	0	20.69	21.24	21.26	22	2
5	64QAM	1	12	20.69	21.09	21.19		
5	64QAM	1	24	21.05	21.10	20.74		
5	64QAM	12	0	19.78	19.95	20.21	21	3
5	64QAM	12	7	19.71	20.00	20.20		
5	64QAM	12	13	20.04	19.95	19.79		
5	64QAM	25	0	19.79	19.92	20.19		
5	256QAM	1	0	17.78	17.56	17.76	19	5
5	256QAM	1	12	18.06	17.88	17.92		
5	256QAM	1	24	17.72	17.72	17.96		
5	256QAM	12	0	18.10	17.98	18.02	19	5
5	256QAM	12	7	18.05	18.04	17.87		
5	256QAM	12	13	18.09	17.88	18.10		
5	256QAM	25	0	17.97	18.10	18.06		

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.02	23.09	22.94	24	0
10	QPSK	1	25	23.03	22.98	22.90		
10	QPSK	1	49	22.99	23.01	22.92		
10	QPSK	25	0	22.25	22.30	22.21	23	1
10	QPSK	25	12	22.18	22.27	22.21		
10	QPSK	25	25	22.28	22.22	22.28		
10	QPSK	50	0	22.27	22.28	22.20		
10	16QAM	1	0	22.62	22.48	22.50	23	1
10	16QAM	1	25	22.53	22.47	22.53		
10	16QAM	1	49	22.54	22.58	22.44		
10	16QAM	25	0	21.32	21.31	21.24	22	2
10	16QAM	25	12	21.42	21.30	21.33		
10	16QAM	25	25	21.39	21.40	21.34		
10	16QAM	50	0	21.38	21.29	21.23		
10	64QAM	1	0	21.41	21.44	21.35	22	2
10	64QAM	1	25	21.40	21.39	21.34		
10	64QAM	1	49	21.50	21.44	21.41		
10	64QAM	25	0	20.34	20.31	20.24	21	3
10	64QAM	25	12	20.43	20.34	20.35		
10	64QAM	25	25	20.40	20.38	20.30		
10	64QAM	50	0	20.40	20.34	20.21		
10	256QAM	1	0	18.00	17.72	18.26	19	5
10	256QAM	1	25	17.57	18.09	18.13		
10	256QAM	1	49	17.93	18.06	17.70		
10	256QAM	25	0	18.17	17.99	18.17	19	5
10	256QAM	25	12	18.26	18.22	18.00		
10	256QAM	25	25	18.16	18.12	18.22		
10	256QAM	50	0	18.17	18.05	17.90		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	22.92	22.91	24	0
5	QPSK	1	12	23.02	22.96	22.93		
5	QPSK	1	24	23.02	22.97	22.83		
5	QPSK	12	0	22.24	22.22	22.19	23	1
5	QPSK	12	7	22.33	22.22	22.20		
5	QPSK	12	13	22.31	22.29	22.15		
5	QPSK	25	0	22.33	22.20	22.14		
5	16QAM	1	0	22.53	22.49	22.46	23	1
5	16QAM	1	12	22.57	22.56	22.37		
5	16QAM	1	24	22.56	22.62	22.35		
5	16QAM	12	0	21.27	21.25	21.24	22	2
5	16QAM	12	7	21.34	21.28	21.22		
5	16QAM	12	13	21.35	21.28	21.17		
5	16QAM	25	0	21.31	21.23	21.18		
5	64QAM	1	0	21.37	21.44	21.34	22	2
5	64QAM	1	12	21.37	21.37	21.29		
5	64QAM	1	24	21.42	21.36	21.32		
5	64QAM	12	0	20.31	20.26	20.26	21	3
5	64QAM	12	7	20.42	20.32	20.26		
5	64QAM	12	13	20.31	20.33	20.20		
5	64QAM	25	0	20.34	20.21	20.20		
5	256QAM	1	0	17.95	17.93	17.86	19	5
5	256QAM	1	12	17.78	17.97	17.54		
5	256QAM	1	24	17.91	17.56	17.86		
5	256QAM	12	0	17.84	18.02	18.03	19	5
5	256QAM	12	7	17.57	17.50	17.79		
5	256QAM	12	13	18.03	17.65	18.05		
5	256QAM	25	0	17.87	17.57	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.07	22.96	22.88	24	0
3	QPSK	1	8	23.08	23.05	22.88		
3	QPSK	1	14	22.98	22.96	22.86		
3	QPSK	8	0	22.34	22.22	22.14	23	1
3	QPSK	8	4	22.38	22.22	22.24		
3	QPSK	8	7	22.27	22.26	22.15		
3	QPSK	15	0	22.33	22.16	22.16		
3	16QAM	1	0	22.56	22.50	22.43	23	1
3	16QAM	1	8	22.66	22.69	22.57		
3	16QAM	1	14	22.57	22.51	22.42		
3	16QAM	8	0	21.38	21.23	21.24	22	2
3	16QAM	8	4	21.39	21.32	21.24		
3	16QAM	8	7	21.31	21.30	21.17		
3	16QAM	15	0	21.31	21.23	21.22		
3	64QAM	1	0	21.42	21.41	21.35	22	2
3	64QAM	1	8	21.48	21.44	21.38		
3	64QAM	1	14	21.37	21.44	21.33		
3	64QAM	8	0	20.44	20.34	20.22	21	3
3	64QAM	8	4	20.43	20.31	20.28		
3	64QAM	8	7	20.36	20.30	20.18		
3	64QAM	15	0	20.37	20.28	20.24		
3	256QAM	1	0	17.59	17.98	18.04	19	5
3	256QAM	1	8	17.96	17.54	18.01		
3	256QAM	1	14	17.65	17.81	17.84		
3	256QAM	8	0	17.69	17.58	17.82	19	5
3	256QAM	8	4	17.90	17.59	17.92		
3	256QAM	8	7	17.77	17.78	17.80		
3	256QAM	15	0	17.83	17.54	17.50		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.98	22.90	22.75	24	0
1.4	QPSK	1	3	23.02	23.00	22.81		
1.4	QPSK	1	5	22.88	22.82	22.72		
1.4	QPSK	3	0	22.96	22.94	22.81		
1.4	QPSK	3	1	23.03	22.99	22.80		
1.4	QPSK	3	3	22.95	22.89	22.74		
1.4	QPSK	6	0	22.29	22.23	22.06	23	1
1.4	16QAM	1	0	22.49	22.50	22.36	23	1
1.4	16QAM	1	3	22.58	22.55	22.37		
1.4	16QAM	1	5	22.41	22.44	22.21		
1.4	16QAM	3	0	22.27	22.16	22.07		
1.4	16QAM	3	1	22.27	22.22	22.14		
1.4	16QAM	3	3	22.18	22.18	22.01		
1.4	16QAM	6	0	21.33	21.26	21.15	22	2
1.4	64QAM	1	0	21.41	21.51	21.31	22	2
1.4	64QAM	1	3	21.43	21.49	21.27		
1.4	64QAM	1	5	21.33	21.39	21.30		
1.4	64QAM	3	0	21.32	21.34	21.14		
1.4	64QAM	3	1	21.34	21.33	21.20		
1.4	64QAM	3	3	21.32	21.31	21.15		
1.4	64QAM	6	0	20.24	20.20	20.04	21	3
1.4	256QAM	1	0	18.05	17.61	17.64	19	5
1.4	256QAM	1	3	17.90	17.67	18.07		
1.4	256QAM	1	5	17.93	17.73	17.74		
1.4	256QAM	3	0	17.78	17.51	17.91		
1.4	256QAM	3	1	17.71	17.79	17.91		
1.4	256QAM	3	3	17.60	17.81	18.00		
1.4	256QAM	6	0	17.73	17.82	17.90	19	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.97		24	0
10	QPSK	1	25		22.82			
10	QPSK	1	49		22.95			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.83			
10	QPSK	25	25		21.90			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.86		23	1
10	16QAM	1	25		22.12			
10	16QAM	1	49		22.27			
10	16QAM	25	0		20.75		22	2
10	16QAM	25	12		20.86			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.93		22	2
10	64QAM	1	25		21.07			
10	64QAM	1	49		21.21			
10	64QAM	25	0		19.78		21	3
10	64QAM	25	12		19.90			
10	64QAM	25	25		19.95			
10	64QAM	50	0		19.94			
10	256QAM	1	0		17.60		19	5
10	256QAM	1	25		17.73			
10	256QAM	1	49		17.47			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.79			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.90			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.75	22.70	22.72	24	0
5	QPSK	1	12	22.90	22.77	22.86		
5	QPSK	1	24	22.80	22.82	22.87		
5	QPSK	12	0	21.57	21.74	21.82	23	1
5	QPSK	12	7	21.80	21.90	21.96		
5	QPSK	12	13	21.71	21.85	21.90		
5	QPSK	25	0	21.81	21.77	21.83		
5	16QAM	1	0	21.89	21.99	22.09	23	1
5	16QAM	1	12	22.05	22.15	22.12		
5	16QAM	1	24	22.08	22.14	22.26		
5	16QAM	12	0	20.74	20.75	20.88	22	2
5	16QAM	12	7	20.86	20.90	20.97		
5	16QAM	12	13	20.83	20.90	20.94		
5	16QAM	25	0	20.84	20.79	20.86		
5	64QAM	1	0	20.74	20.80	20.97	22	2
5	64QAM	1	12	20.84	20.90	20.95		
5	64QAM	1	24	20.97	20.93	21.03		
5	64QAM	12	0	19.70	19.80	19.87	21	3
5	64QAM	12	7	19.86	19.98	20.00		
5	64QAM	12	13	19.82	19.92	19.96		
5	64QAM	25	0	19.81	19.80	19.87		
5	256QAM	1	0	18.07	17.73	17.61	19	5
5	256QAM	1	12	17.52	17.55	17.92		
5	256QAM	1	24	17.51	18.09	17.64		
5	256QAM	12	0	17.84	18.01	17.77	19	5
5	256QAM	12	7	17.57	17.70	17.95		
5	256QAM	12	13	17.80	17.82	17.57		
5	256QAM	25	0	17.65	17.75	17.95		

Band 66_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	22.94	22.91	24	0
20	QPSK	1	49	23.05	22.91	22.88		
20	QPSK	1	99	22.85	22.79	22.87		
20	QPSK	50	0	22.35	22.25	22.10	23	1
20	QPSK	50	24	22.28	22.12	21.98		
20	QPSK	50	50	22.13	22.09	21.94		
20	QPSK	100	0	22.23	22.09	22.00		
20	16QAM	1	0	22.64	22.16	22.26	23	1
20	16QAM	1	49	22.56	22.28	22.04		
20	16QAM	1	99	22.55	22.09	22.18		
20	16QAM	50	0	21.37	21.19	20.97	22	2
20	16QAM	50	24	21.31	21.17	20.94		
20	16QAM	50	50	21.19	21.05	21.09		
20	16QAM	100	0	21.29	21.14	20.90		
20	64QAM	1	0	21.37	21.61	21.37	22	2
20	64QAM	1	49	21.60	20.92	20.89		
20	64QAM	1	99	21.20	20.77	20.97		
20	64QAM	50	0	20.23	20.25	20.11	21	3
20	64QAM	50	24	20.35	20.16	20.08		
20	64QAM	50	50	20.06	19.95	20.05		
20	64QAM	100	0	20.31	20.32	20.08		
20	256QAM	1	0	17.91	17.53	17.53	19	5
20	256QAM	1	49	17.95	17.47	17.39		
20	256QAM	1	99	17.74	17.42	17.74		
20	256QAM	50	0	18.06	17.64	17.61	19	5
20	256QAM	50	24	17.90	17.62	17.62		
20	256QAM	50	50	17.84	17.64	17.74		
20	256QAM	100	0	18.00	17.61	17.73		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.93	22.81	22.67	24	0
15	QPSK	1	37	22.91	22.79	22.71		
15	QPSK	1	74	22.81	22.88	22.61		
15	QPSK	36	0	22.24	22.14	21.95	23	1
15	QPSK	36	20	22.17	22.11	21.97		
15	QPSK	36	39	22.08	22.02	21.96		
15	QPSK	75	0	22.17	22.09	21.94		
15	16QAM	1	0	22.58	22.38	22.28	23	1
15	16QAM	1	37	22.57	22.27	22.20		
15	16QAM	1	74	22.30	22.19	22.19		
15	16QAM	36	0	21.26	21.13	20.93	22	2
15	16QAM	36	20	21.18	21.07	20.92		
15	16QAM	36	39	21.13	21.01	20.97		
15	16QAM	75	0	21.16	21.07	20.93		
15	64QAM	1	0	21.14	21.24	21.05	22	2
15	64QAM	1	37	20.84	21.18	21.14		
15	64QAM	1	74	21.17	20.60	20.82		
15	64QAM	36	0	19.86	20.15	19.97	21	3
15	64QAM	36	20	19.86	20.12	20.00		
15	64QAM	36	39	20.11	19.73	19.91		
15	64QAM	75	0	19.95	20.06	19.94		
15	256QAM	1	0	18.09	18.05	17.50	19	5
15	256QAM	1	37	17.51	17.86	17.92		
15	256QAM	1	74	17.81	17.62	17.81		
15	256QAM	36	0	17.69	17.98	17.85	19	5
15	256QAM	36	20	18.03	17.91	17.53		
15	256QAM	36	39	17.63	18.05	17.56		
15	256QAM	75	0	17.78	17.57	17.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.11	22.87	22.83	24	0
10	QPSK	1	25	23.09	22.85	22.78		
10	QPSK	1	49	22.98	22.79	22.74		
10	QPSK	25	0	22.42	22.24	22.10	23	1
10	QPSK	25	12	22.33	22.23	22.10		
10	QPSK	25	25	22.26	22.20	22.11		
10	QPSK	50	0	22.34	22.20	22.02		
10	16QAM	1	0	22.57	22.50	22.30	23	1
10	16QAM	1	25	22.56	22.38	22.34		
10	16QAM	1	49	22.45	22.34	22.26		
10	16QAM	25	0	21.45	21.25	21.11	22	2
10	16QAM	25	12	21.38	21.25	21.08		
10	16QAM	25	25	21.29	21.19	21.12		
10	16QAM	50	0	21.33	21.19	21.08		
10	64QAM	1	0	21.28	21.42	21.19	22	2
10	64QAM	1	25	20.92	21.30	21.03		
10	64QAM	1	49	21.31	21.00	21.16		
10	64QAM	25	0	19.92	20.29	20.12	21	3
10	64QAM	25	12	19.86	20.26	20.06		
10	64QAM	25	25	19.94	19.98	19.92		
10	64QAM	50	0	19.94	20.22	20.09		
10	256QAM	1	0	17.92	17.76	18.01	19	5
10	256QAM	1	25	18.03	17.96	17.90		
10	256QAM	1	49	17.70	17.55	17.91		
10	256QAM	25	0	17.54	18.07	17.78	19	5
10	256QAM	25	12	17.82	18.03	17.85		
10	256QAM	25	25	17.54	17.63	17.78		
10	256QAM	50	0	17.67	17.60	17.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.15	22.91	22.84	24	0
5	QPSK	1	12	23.13	22.92	22.85		
5	QPSK	1	24	23.07	22.87	22.77		
5	QPSK	12	0	22.38	22.20	22.09	23	1
5	QPSK	12	7	22.38	22.19	22.12		
5	QPSK	12	13	22.38	22.17	22.04		
5	QPSK	25	0	22.36	22.16	22.09		
5	16QAM	1	0	22.73	22.54	22.34	23	1
5	16QAM	1	12	22.79	22.38	22.33		
5	16QAM	1	24	22.70	22.46	22.36		
5	16QAM	12	0	21.42	21.17	21.12	22	2
5	16QAM	12	7	21.41	21.19	21.13		
5	16QAM	12	13	21.38	21.15	21.10		
5	16QAM	25	0	21.41	21.22	21.10		
5	64QAM	1	0	21.02	21.37	21.08	22	2
5	64QAM	1	12	20.81	21.33	20.78		
5	64QAM	1	24	20.88	21.15	21.11		
5	64QAM	12	0	19.79	20.25	19.80	21	3
5	64QAM	12	7	19.74	20.24	19.76		
5	64QAM	12	13	19.70	20.09	19.83		
5	64QAM	25	0	19.71	20.17	19.77		
5	256QAM	1	0	17.72	17.96	17.75	19	5
5	256QAM	1	12	17.54	18.05	17.99		
5	256QAM	1	24	17.66	17.79	17.73		
5	256QAM	12	0	17.57	17.67	17.92	19	5
5	256QAM	12	7	17.83	17.50	18.03		
5	256QAM	12	13	17.92	17.72	17.59		
5	256QAM	25	0	17.69	17.67	17.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.11	22.94	22.84	24	0
3	QPSK	1	8	23.14	22.99	22.91		
3	QPSK	1	14	23.09	22.89	22.80		
3	QPSK	8	0	22.35	22.15	22.08	23	1
3	QPSK	8	4	22.42	22.23	22.10		
3	QPSK	8	7	22.38	22.15	22.06		
3	QPSK	15	0	22.40	22.16	22.05		
3	16QAM	1	0	22.70	22.43	22.31	23	1
3	16QAM	1	8	22.75	22.42	22.52		
3	16QAM	1	14	22.60	22.39	22.33		
3	16QAM	8	0	21.41	21.24	21.12	22	2
3	16QAM	8	4	21.46	21.27	21.12		
3	16QAM	8	7	21.37	21.21	21.08		
3	16QAM	15	0	21.40	21.20	21.07		
3	64QAM	1	0	20.90	21.32	20.86	22	2
3	64QAM	1	8	20.84	21.40	20.95		
3	64QAM	1	14	20.78	21.21	21.05		
3	64QAM	8	0	19.74	20.22	19.72	21	3
3	64QAM	8	4	19.72	20.23	19.78		
3	64QAM	8	7	19.69	20.11	19.81		
3	64QAM	15	0	19.67	20.20	19.76		
3	256QAM	1	0	17.74	17.75	17.87	19	5
3	256QAM	1	8	18.04	17.67	17.76		
3	256QAM	1	14	18.07	17.68	17.73		
3	256QAM	8	0	18.07	17.79	17.89	19	5
3	256QAM	8	4	17.60	17.72	17.74		
3	256QAM	8	7	18.05	17.72	17.72		
3	256QAM	15	0	18.09	17.79	17.53		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.97	22.76	22.67	24	0
1.4	QPSK	1	3	23.09	22.86	22.72		
1.4	QPSK	1	5	22.92	22.78	22.67		
1.4	QPSK	3	0	23.05	22.82	22.74		
1.4	QPSK	3	1	23.09	22.92	22.76		
1.4	QPSK	3	3	23.06	22.86	22.79		
1.4	QPSK	6	0	22.29	22.07	22.00	23	1
1.4	16QAM	1	0	22.56	22.39	22.28	23	1
1.4	16QAM	1	3	22.54	22.45	22.27		
1.4	16QAM	1	5	22.55	22.36	22.18		
1.4	16QAM	3	0	22.31	22.09	22.01		
1.4	16QAM	3	1	22.35	22.06	21.99		
1.4	16QAM	3	3	22.29	22.05	22.01		
1.4	16QAM	6	0	21.37	21.14	21.08	22	2
1.4	64QAM	1	0	20.81	21.36	20.86	22	2
1.4	64QAM	1	3	20.85	21.31	20.95		
1.4	64QAM	1	5	20.77	21.34	20.95		
1.4	64QAM	3	0	20.81	21.23	20.82		
1.4	64QAM	3	1	20.83	21.21	20.90		
1.4	64QAM	3	3	20.77	21.19	20.88		
1.4	64QAM	6	0	19.60	20.19	19.71	21	3
1.4	256QAM	1	0	17.71	17.95	17.82	19	5
1.4	256QAM	1	3	17.73	17.70	17.80		
1.4	256QAM	1	5	17.95	17.70	17.84		
1.4	256QAM	3	0	17.88	17.57	17.93		
1.4	256QAM	3	1	17.99	17.78	17.94		
1.4	256QAM	3	3	18.06	17.67	17.90		
1.4	256QAM	6	0	17.61	17.52	17.50	19	5

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.15	22.87	22.74	24	0
20	QPSK	1	49	22.80	22.78	22.69		
20	QPSK	1	99	22.72	22.67	22.68		
20	QPSK	50	0	22.21	22.16	21.97	23	1
20	QPSK	50	24	22.12	22.12	22.05		
20	QPSK	50	50	22.04	22.03	22.01		
20	QPSK	100	0	22.06	22.13	22.06		
20	16QAM	1	0	22.44	22.39	22.25	23	1
20	16QAM	1	49	22.40	22.33	22.31		
20	16QAM	1	99	22.26	22.29	22.30		
20	16QAM	50	0	21.24	21.16	21.01	22	2
20	16QAM	50	24	21.13	21.14	21.05		
20	16QAM	50	50	21.04	21.05	21.04		
20	16QAM	100	0	21.07	21.11	21.07		
20	64QAM	1	0	21.31	21.23	21.05	22	2
20	64QAM	1	49	21.28	21.16	21.16		
20	64QAM	1	99	21.09	21.09	21.02		
20	64QAM	50	0	20.25	20.17	20.05	21	3
20	64QAM	50	24	20.15	20.13	20.08		
20	64QAM	50	50	20.03	20.06	20.04		
20	64QAM	100	0	20.10	20.13	20.10		
20	256QAM	1	0	18.06	17.51	17.43	19	5
20	256QAM	1	49	17.68	17.53	17.54		
20	256QAM	1	99	17.89	17.46	17.53		
20	256QAM	50	0	17.84	17.74	17.69	19	5
20	256QAM	50	24	17.80	17.70	17.71		
20	256QAM	50	50	17.70	17.69	17.72		
20	256QAM	100	0	17.78	17.74	17.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.95	22.81	22.67	24	0
15	QPSK	1	37	22.84	22.76	22.68		
15	QPSK	1	74	22.78	22.73	22.69		
15	QPSK	36	0	22.25	22.15	21.98	23	1
15	QPSK	36	20	22.19	22.12	22.05		
15	QPSK	36	39	22.05	22.07	22.03		
15	QPSK	75	0	22.08	22.10	21.96		
15	16QAM	1	0	22.55	22.34	22.20	23	1
15	16QAM	1	37	22.36	22.28	22.24		
15	16QAM	1	74	22.29	22.23	22.20		
15	16QAM	36	0	21.25	21.13	20.94	22	2
15	16QAM	36	20	21.21	21.08	21.01		
15	16QAM	36	39	21.05	21.05	20.97		
15	16QAM	75	0	21.13	21.09	20.98		
15	64QAM	1	0	21.40	21.22	21.10	22	2
15	64QAM	1	37	21.40	21.20	21.18		
15	64QAM	1	74	21.21	21.17	21.07		
15	64QAM	36	0	20.28	20.15	19.98	21	3
15	64QAM	36	20	20.20	20.13	20.07		
15	64QAM	36	39	20.10	20.08	20.04		
15	64QAM	75	0	20.13	20.14	19.99		
15	256QAM	1	0	17.75	17.60	18.03	19	5
15	256QAM	1	37	17.76	17.71	17.89		
15	256QAM	1	74	17.82	17.73	17.58		
15	256QAM	36	0	17.64	17.81	17.70	19	5
15	256QAM	36	20	17.68	17.83	17.82		
15	256QAM	36	39	18.02	17.61	17.99		
15	256QAM	75	0	17.99	17.98	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	22.97	22.89	24	0
10	QPSK	1	25	22.99	22.87	22.84		
10	QPSK	1	49	22.96	22.81	22.76		
10	QPSK	25	0	22.39	22.27	22.09	23	1
10	QPSK	25	12	22.36	22.24	22.06		
10	QPSK	25	25	22.28	22.14	22.14		
10	QPSK	50	0	22.32	22.22	22.03		
10	16QAM	1	0	22.60	22.54	22.36	23	1
10	16QAM	1	25	22.58	22.43	22.36		
10	16QAM	1	49	22.46	22.37	22.44		
10	16QAM	25	0	21.38	21.31	21.13	22	2
10	16QAM	25	12	21.38	21.24	21.12		
10	16QAM	25	25	21.26	21.15	21.12		
10	16QAM	50	0	21.33	21.24	21.05		
10	64QAM	1	0	21.58	21.46	21.28	22	2
10	64QAM	1	25	21.40	21.33	21.25		
10	64QAM	1	49	21.44	21.33	21.01		
10	64QAM	25	0	20.43	20.28	20.14	21	3
10	64QAM	25	12	20.37	20.26	20.12		
10	64QAM	25	25	20.30	20.15	20.04		
10	64QAM	50	0	20.36	20.25	20.04		
10	256QAM	1	0	17.62	17.64	17.55	19	5
10	256QAM	1	25	17.89	17.76	17.76		
10	256QAM	1	49	17.64	17.82	17.77		
10	256QAM	25	0	18.08	17.53	17.80	19	5
10	256QAM	25	12	17.53	17.61	18.06		
10	256QAM	25	25	17.70	17.54	17.60		
10	256QAM	50	0	17.72	17.89	17.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.11	22.96	22.79	24	0
5	QPSK	1	12	23.04	22.88	22.87		
5	QPSK	1	24	22.97	22.84	22.79		
5	QPSK	12	0	22.39	22.23	22.16	23	1
5	QPSK	12	7	22.35	22.19	22.08		
5	QPSK	12	13	22.26	22.15	22.02		
5	QPSK	25	0	22.33	22.17	22.13		
5	16QAM	1	0	22.69	22.53	22.38	23	1
5	16QAM	1	12	22.57	22.43	22.36		
5	16QAM	1	24	22.54	22.41	22.28		
5	16QAM	12	0	21.42	21.26	21.16	22	2
5	16QAM	12	7	21.38	21.26	21.14		
5	16QAM	12	13	21.28	21.15	21.06		
5	16QAM	25	0	21.34	21.20	21.09		
5	64QAM	1	0	21.57	21.42	21.24	22	2
5	64QAM	1	12	21.50	21.31	20.94		
5	64QAM	1	24	21.43	21.29	21.28		
5	64QAM	12	0	20.42	20.27	20.14	21	3
5	64QAM	12	7	20.38	20.27	19.90		
5	64QAM	12	13	20.27	20.16	19.58		
5	64QAM	25	0	20.35	20.20	19.91		
5	256QAM	1	0	18.08	17.84	17.76	19	5
5	256QAM	1	12	17.90	18.08	17.53		
5	256QAM	1	24	17.82	17.82	18.07		
5	256QAM	12	0	17.92	17.61	17.91	19	5
5	256QAM	12	7	17.66	17.77	17.54		
5	256QAM	12	13	17.69	17.56	17.71		
5	256QAM	25	0	17.71	17.80	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.01	22.86	24	0
3	QPSK	1	8	23.14	22.99	22.85		
3	QPSK	1	14	22.98	22.82	22.73		
3	QPSK	8	0	22.42	22.24	22.13	23	1
3	QPSK	8	4	22.37	22.22	22.13		
3	QPSK	8	7	22.27	22.15	22.00		
3	QPSK	15	0	22.31	22.16	22.07		
3	16QAM	1	0	22.70	22.55	22.45	23	1
3	16QAM	1	8	22.75	22.49	22.59		
3	16QAM	1	14	22.46	22.36	22.31		
3	16QAM	8	0	21.41	21.29	21.20	22	2
3	16QAM	8	4	21.44	21.29	21.15		
3	16QAM	8	7	21.28	21.19	21.05		
3	16QAM	15	0	21.34	21.24	21.09		
3	64QAM	1	0	21.62	21.42	21.13	22	2
3	64QAM	1	8	21.54	21.34	21.16		
3	64QAM	1	14	21.36	21.28	21.15		
3	64QAM	8	0	20.36	20.33	20.17	21	3
3	64QAM	8	4	20.47	20.28	20.18		
3	64QAM	8	7	20.26	20.23	20.16		
3	64QAM	15	0	20.36	20.26	20.12		
3	256QAM	1	0	17.63	18.02	17.86	19	5
3	256QAM	1	8	17.94	18.08	17.78		
3	256QAM	1	14	17.83	17.53	17.86		
3	256QAM	8	0	17.53	17.62	17.74	19	5
3	256QAM	8	4	17.53	17.93	18.05		
3	256QAM	8	7	17.91	17.96	17.89		
3	256QAM	15	0	17.62	17.88	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	22.85	22.73	24	0
1.4	QPSK	1	3	22.99	22.94	22.79		
1.4	QPSK	1	5	22.94	22.75	22.62		
1.4	QPSK	3	0	23.08	22.93	22.75		
1.4	QPSK	3	1	23.08	22.92	22.79		
1.4	QPSK	3	3	23.00	22.84	22.71		
1.4	QPSK	6	0	22.27	22.12	22.00	23	1
1.4	16QAM	1	0	22.55	22.43	22.23	23	1
1.4	16QAM	1	3	22.63	22.50	22.38		
1.4	16QAM	1	5	22.54	22.33	22.26		
1.4	16QAM	3	0	22.40	22.20	22.07		
1.4	16QAM	3	1	22.36	22.25	22.09		
1.4	16QAM	3	3	22.29	22.04	22.03		
1.4	16QAM	6	0	21.31	21.18	21.01	22	2
1.4	64QAM	1	0	21.63	21.40	21.14	22	2
1.4	64QAM	1	3	21.21	21.34	21.14		
1.4	64QAM	1	5	21.35	21.25	21.09		
1.4	64QAM	3	0	21.46	21.28	21.09		
1.4	64QAM	3	1	21.51	21.30	21.15		
1.4	64QAM	3	3	21.40	21.27	21.09		
1.4	64QAM	6	0	20.30	20.09	20.01	21	3
1.4	256QAM	1	0	17.91	17.70	17.78	19	5
1.4	256QAM	1	3	17.60	18.02	17.60		
1.4	256QAM	1	5	17.52	17.59	17.94		
1.4	256QAM	3	0	17.58	18.06	17.51		
1.4	256QAM	3	1	17.53	17.88	17.60		
1.4	256QAM	3	3	17.86	17.87	17.64		
1.4	256QAM	6	0	17.67	18.00	18.10	19	5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.95	23.09	22.70	24	0
20	QPSK	1	49	22.73	22.65	22.70		
20	QPSK	1	99	22.63	22.60	22.64		
20	QPSK	50	0	21.93	22.11	21.97	23	1
20	QPSK	50	24	22.10	21.92	21.97		
20	QPSK	50	50	21.90	21.83	21.97		
20	QPSK	100	0	21.98	22.01	22.01		
20	16QAM	1	0	22.17	22.30	22.18	23	1
20	16QAM	1	49	22.16	22.04	22.15		
20	16QAM	1	99	22.08	22.11	22.19		
20	16QAM	50	0	20.89	20.95	20.97	22	2
20	16QAM	50	24	21.10	20.92	21.01		
20	16QAM	50	50	20.90	20.85	21.00		
20	16QAM	100	0	20.96	20.89	20.99		
20	64QAM	1	0	20.32	20.91	21.19	22	2
20	64QAM	1	49	20.67	21.00	20.80		
20	64QAM	1	99	20.93	21.04	20.88		
20	64QAM	50	0	19.42	20.02	20.04	21	3
20	64QAM	50	24	19.65	19.96	19.84		
20	64QAM	50	50	19.67	19.87	19.26		
20	64QAM	100	0	19.87	19.94	19.94		
20	256QAM	1	0	17.87	18.09	17.62	19	5
20	256QAM	1	49	17.71	17.86	17.41		
20	256QAM	1	99	17.62	17.92	17.54		
20	256QAM	50	0	17.95	17.62	17.55	19	5
20	256QAM	50	24	17.83	17.61	17.57		
20	256QAM	50	50	17.70	17.51	17.66		
20	256QAM	100	0	17.72	17.56	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.88	22.72	22.73	24	0
15	QPSK	1	37	22.64	22.58	22.73		
15	QPSK	1	74	22.60	22.62	22.65		
15	QPSK	36	0	21.83	21.92	22.03	23	1
15	QPSK	36	20	21.84	21.91	22.12		
15	QPSK	36	39	21.97	21.89	22.00		
15	QPSK	75	0	21.97	21.92	22.01		
15	16QAM	1	0	22.11	22.35	22.29	23	1
15	16QAM	1	37	21.90	22.10	22.29		
15	16QAM	1	74	22.24	22.17	22.19		
15	16QAM	36	0	20.77	20.97	21.01	22	2
15	16QAM	36	20	20.80	20.93	21.13		
15	16QAM	36	39	21.00	20.88	21.02		
15	16QAM	75	0	20.95	20.94	21.02		
15	64QAM	1	0	20.38	21.13	21.21	22	2
15	64QAM	1	37	20.36	21.05	20.28		
15	64QAM	1	74	20.78	21.06	20.23		
15	64QAM	36	0	19.33	19.96	19.85	21	3
15	64QAM	36	20	19.37	19.95	19.28		
15	64QAM	36	39	19.12	19.95	19.04		
15	64QAM	75	0	19.50	19.92	19.44		
15	256QAM	1	0	17.65	17.62	17.67	19	5
15	256QAM	1	37	17.99	17.69	17.59		
15	256QAM	1	74	17.55	17.59	17.71		
15	256QAM	36	0	18.07	17.94	17.80	19	5
15	256QAM	36	20	18.03	17.88	17.62		
15	256QAM	36	39	17.80	17.51	17.77		
15	256QAM	75	0	17.54	18.07	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.08	22.80	22.90	24	0
10	QPSK	1	25	22.64	22.72	22.84		
10	QPSK	1	49	22.92	22.68	22.79		
10	QPSK	25	0	21.92	22.04	22.16	23	1
10	QPSK	25	12	21.81	22.03	22.07		
10	QPSK	25	25	21.88	22.02	22.04		
10	QPSK	50	0	21.87	22.04	22.12		
10	16QAM	1	0	22.26	22.34	22.34	23	1
10	16QAM	1	25	21.85	22.23	22.12		
10	16QAM	1	49	22.27	22.21	22.30		
10	16QAM	25	0	20.86	21.08	21.18	22	2
10	16QAM	25	12	20.76	21.10	21.07		
10	16QAM	25	25	20.83	21.03	21.04		
10	16QAM	50	0	20.86	21.08	21.15		
10	64QAM	1	0	20.82	21.21	20.79	22	2
10	64QAM	1	25	20.32	21.21	20.63		
10	64QAM	1	49	20.79	21.13	20.33		
10	64QAM	25	0	19.39	20.10	19.29	21	3
10	64QAM	25	12	19.29	20.08	19.28		
10	64QAM	25	25	19.39	20.05	19.24		
10	64QAM	50	0	19.41	20.09	19.16		
10	256QAM	1	0	17.82	17.76	17.91	19	5
10	256QAM	1	25	17.99	17.80	17.67		
10	256QAM	1	49	17.51	17.61	17.68		
10	256QAM	25	0	17.64	17.53	18.02	19	5
10	256QAM	25	12	17.55	18.07	17.64		
10	256QAM	25	25	17.94	17.84	17.79		
10	256QAM	50	0	18.02	17.97	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.80	22.87	24	0
5	QPSK	1	12	22.53	22.73	22.68		
5	QPSK	1	24	22.55	22.71	22.84		
5	QPSK	12	0	21.75	21.97	21.83	23	1
5	QPSK	12	7	21.65	22.00	21.84		
5	QPSK	12	13	21.58	21.96	21.90		
5	QPSK	25	0	21.64	22.04	21.84		
5	16QAM	1	0	22.07	22.33	22.07	23	1
5	16QAM	1	12	21.78	22.29	21.97		
5	16QAM	1	24	21.76	22.19	22.22		
5	16QAM	12	0	20.70	21.06	20.82	22	2
5	16QAM	12	7	20.62	21.05	20.86		
5	16QAM	12	13	20.58	21.02	20.91		
5	16QAM	25	0	20.62	21.01	20.86		
5	64QAM	1	0	20.55	21.24	20.66	22	2
5	64QAM	1	12	20.28	21.12	20.48		
5	64QAM	1	24	20.28	21.19	20.78		
5	64QAM	12	0	19.27	20.02	19.44	21	3
5	64QAM	12	7	19.18	20.05	19.45		
5	64QAM	12	13	19.15	20.04	19.51		
5	64QAM	25	0	19.16	20.01	19.41		
5	256QAM	1	0	17.63	17.82	18.04	19	5
5	256QAM	1	12	17.67	17.78	17.60		
5	256QAM	1	24	18.05	17.68	17.82		
5	256QAM	12	0	17.76	18.08	17.92	19	5
5	256QAM	12	7	17.88	17.97	17.76		
5	256QAM	12	13	18.01	17.68	18.02		
5	256QAM	25	0	18.09	18.05	17.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.80	22.76	22.77	24	0
3	QPSK	1	8	22.67	22.83	22.76		
3	QPSK	1	14	22.56	22.73	22.81		
3	QPSK	8	0	21.72	21.99	21.78	23	1
3	QPSK	8	4	21.68	22.02	21.83		
3	QPSK	8	7	21.61	21.98	21.84		
3	QPSK	15	0	21.65	21.96	21.81		
3	16QAM	1	0	21.97	22.26	21.92	23	1
3	16QAM	1	8	21.91	22.36	22.04		
3	16QAM	1	14	21.81	22.25	22.12		
3	16QAM	8	0	20.74	21.03	20.81	22	2
3	16QAM	8	4	20.68	21.01	20.86		
3	16QAM	8	7	20.63	21.02	20.90		
3	16QAM	15	0	20.64	20.97	20.85		
3	64QAM	1	0	20.43	21.09	20.53	22	2
3	64QAM	1	8	20.37	21.21	20.60		
3	64QAM	1	14	20.30	21.21	20.68		
3	64QAM	8	0	19.26	20.07	19.38	21	3
3	64QAM	8	4	19.21	20.10	19.44		
3	64QAM	8	7	19.15	20.03	19.48		
3	64QAM	15	0	19.17	20.02	19.39		
3	256QAM	1	0	17.72	17.96	17.65	19	5
3	256QAM	1	8	18.06	17.95	17.98		
3	256QAM	1	14	17.99	17.74	17.51		
3	256QAM	8	0	17.75	17.56	17.66	19	5
3	256QAM	8	4	18.00	17.77	17.93		
3	256QAM	8	7	18.10	17.68	17.88		
3	256QAM	15	0	17.54	17.78	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.80	22.63	22.69	24	0
1.4	QPSK	1	3	22.72	22.66	22.71		
1.4	QPSK	1	5	22.59	22.62	22.67		
1.4	QPSK	3	0	22.65	22.67	22.61		
1.4	QPSK	3	1	22.65	22.74	22.66		
1.4	QPSK	3	3	22.56	22.71	22.65		
1.4	QPSK	6	0	21.66	21.92	21.71	23	1
1.4	16QAM	1	0	21.83	22.22	21.90	23	1
1.4	16QAM	1	3	21.88	22.30	22.02		
1.4	16QAM	1	5	21.83	22.18	21.96		
1.4	16QAM	3	0	21.64	22.01	21.69		
1.4	16QAM	3	1	21.64	22.04	21.77		
1.4	16QAM	3	3	21.58	21.93	21.74		
1.4	16QAM	6	0	20.67	20.97	20.81	22	2
1.4	64QAM	1	0	20.32	21.19	20.41	22	2
1.4	64QAM	1	3	20.39	21.15	20.55		
1.4	64QAM	1	5	20.26	21.16	20.48		
1.4	64QAM	3	0	20.33	21.09	20.41		
1.4	64QAM	3	1	20.41	21.08	20.46		
1.4	64QAM	3	3	20.29	20.99	20.45		
1.4	64QAM	6	0	19.14	19.92	19.27	21	3
1.4	256QAM	1	0	17.72	18.07	17.64	19	5
1.4	256QAM	1	3	17.87	17.66	17.97		
1.4	256QAM	1	5	17.60	18.05	18.07		
1.4	256QAM	3	0	17.70	18.04	18.09		
1.4	256QAM	3	1	17.67	18.00	17.67		
1.4	256QAM	3	3	17.82	17.59	17.79		
1.4	256QAM	6	0	18.06	17.55	17.63	19	5

Band 5_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.78	22.99	22.73	24	0
10	QPSK	1	25	22.91	22.77	22.61		
10	QPSK	1	49	22.84	22.69	22.51		
10	QPSK	25	0	22.08	22.16	21.97	23	1
10	QPSK	25	12	22.15	22.04	21.96		
10	QPSK	25	25	22.10	21.98	21.78		
10	QPSK	50	0	22.17	22.05	21.91		
10	16QAM	1	0	22.35	22.38	22.21	23	1
10	16QAM	1	25	22.38	22.30	22.13		
10	16QAM	1	49	22.50	22.17	22.04		
10	16QAM	25	0	21.14	21.06	21.02	22	2
10	16QAM	25	12	21.22	21.06	21.01		
10	16QAM	25	25	21.15	21.00	20.84		
10	16QAM	50	0	21.18	21.00	20.96		
10	64QAM	1	0	21.22	21.20	21.21	22	2
10	64QAM	1	25	21.17	21.18	20.99		
10	64QAM	1	49	21.20	21.05	20.99		
10	64QAM	25	0	20.16	20.09	20.01	21	3
10	64QAM	25	12	20.23	20.11	20.00		
10	64QAM	25	25	20.21	20.02	19.87		
10	64QAM	50	0	20.22	20.05	19.97		
10	256QAM	1	0	17.94	17.95	17.91	19	5
10	256QAM	1	25	17.97	17.92	17.83		
10	256QAM	1	49	17.89	17.88	17.92		
10	256QAM	25	0	18.06	17.96	17.75	19	5
10	256QAM	25	12	18.02	17.91	17.79		
10	256QAM	25	25	17.98	17.83	17.68		
10	256QAM	50	0	17.97	17.90	17.79		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.92	22.91	22.61	24	0
5	QPSK	1	12	22.87	22.80	22.64		
5	QPSK	1	24	22.89	22.77	22.51		
5	QPSK	12	0	22.16	21.99	21.87	23	1
5	QPSK	12	7	22.15	21.97	21.85		
5	QPSK	12	13	22.10	21.95	21.81		
5	QPSK	25	0	22.13	22.00	21.83		
5	16QAM	1	0	22.50	22.31	22.07	23	1
5	16QAM	1	12	22.50	22.32	22.03		
5	16QAM	1	24	22.45	22.31	22.16		
5	16QAM	12	0	21.15	21.03	20.88	22	2
5	16QAM	12	7	21.18	21.01	20.88		
5	16QAM	12	13	21.18	21.01	20.83		
5	16QAM	25	0	21.15	21.02	20.85		
5	64QAM	1	0	21.33	21.17	20.97	22	2
5	64QAM	1	12	21.21	21.12	20.85		
5	64QAM	1	24	21.29	21.14	20.94		
5	64QAM	12	0	20.16	20.09	19.88	21	3
5	64QAM	12	7	20.22	20.06	19.95		
5	64QAM	12	13	20.15	20.02	19.86		
5	64QAM	25	0	20.17	20.03	19.86		
5	256QAM	1	0	17.68	17.56	17.56	19	5
5	256QAM	1	12	17.98	17.70	18.00		
5	256QAM	1	24	17.73	17.58	17.61		
5	256QAM	12	0	17.55	17.72	18.07	19	5
5	256QAM	12	7	17.66	17.70	18.02		
5	256QAM	12	13	17.62	17.90	17.74		
5	256QAM	25	0	17.77	17.56	17.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.94	22.81	22.63	24	0
3	QPSK	1	8	22.91	22.83	22.57		
3	QPSK	1	14	22.88	22.75	22.53		
3	QPSK	8	0	22.11	21.97	21.77	23	1
3	QPSK	8	4	22.17	21.98	21.79		
3	QPSK	8	7	22.09	21.93	21.80		
3	QPSK	15	0	22.09	21.93	21.80		
3	16QAM	1	0	22.41	22.25	22.06	23	1
3	16QAM	1	8	22.58	22.35	22.21		
3	16QAM	1	14	22.32	22.33	22.14		
3	16QAM	8	0	21.11	20.99	20.83	22	2
3	16QAM	8	4	21.20	21.05	20.89		
3	16QAM	8	7	21.12	20.96	20.83		
3	16QAM	15	0	21.16	20.96	20.81		
3	64QAM	1	0	21.31	21.20	21.01	22	2
3	64QAM	1	8	21.27	21.27	21.01		
3	64QAM	1	14	21.28	21.13	21.07		
3	64QAM	8	0	20.20	20.05	19.84	21	3
3	64QAM	8	4	20.18	20.05	19.85		
3	64QAM	8	7	20.14	19.98	19.85		
3	64QAM	15	0	20.16	20.00	19.84		
3	256QAM	1	0	17.51	17.88	17.97	19	5
3	256QAM	1	8	17.54	17.79	18.09		
3	256QAM	1	14	18.07	17.74	17.65		
3	256QAM	8	0	17.87	17.72	17.84	19	5
3	256QAM	8	4	17.53	17.56	17.72		
3	256QAM	8	7	17.70	17.71	17.72		
3	256QAM	15	0	17.79	17.98	18.04		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.75	22.65	22.40	24	0
1.4	QPSK	1	3	22.80	22.76	22.42		
1.4	QPSK	1	5	22.72	22.63	22.35		
1.4	QPSK	3	0	22.80	22.70	22.49		
1.4	QPSK	3	1	22.83	22.72	22.49		
1.4	QPSK	3	3	22.82	22.70	22.46		
1.4	QPSK	6	0	22.03	21.93	21.67	23	1
1.4	16QAM	1	0	22.26	22.22	21.94	23	1
1.4	16QAM	1	3	22.32	22.22	22.05		
1.4	16QAM	1	5	22.36	22.09	22.07		
1.4	16QAM	3	0	22.03	21.98	21.71		
1.4	16QAM	3	1	22.08	22.02	21.75		
1.4	16QAM	3	3	22.00	21.97	21.72		
1.4	16QAM	6	0	21.08	20.97	20.75	22	2
1.4	64QAM	1	0	21.33	21.17	20.83	22	2
1.4	64QAM	1	3	21.32	21.13	20.90		
1.4	64QAM	1	5	21.18	21.08	20.83		
1.4	64QAM	3	0	21.14	21.05	20.83		
1.4	64QAM	3	1	21.31	21.07	20.82		
1.4	64QAM	3	3	21.18	21.02	20.82		
1.4	64QAM	6	0	20.00	19.98	19.70	21	3
1.4	256QAM	1	0	17.55	17.55	17.98	19	5
1.4	256QAM	1	3	17.85	17.98	17.68		
1.4	256QAM	1	5	17.79	17.63	17.54		
1.4	256QAM	3	0	17.99	17.92	17.97		
1.4	256QAM	3	1	17.98	17.63	17.56		
1.4	256QAM	3	3	18.01	17.78	17.92		
1.4	256QAM	6	0	17.58	17.52	17.79	19	5

Band 12_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.94	23.11	22.90	24	0
10	QPSK	1	25	22.99	22.97	22.83		
10	QPSK	1	49	22.97	22.96	22.84		
10	QPSK	25	0	22.25	22.31	22.17	23	1
10	QPSK	25	12	22.20	22.24	22.25		
10	QPSK	25	25	22.21	22.30	22.27		
10	QPSK	50	0	22.13	22.26	22.20		
10	16QAM	1	0	22.42	22.69	22.44	23	1
10	16QAM	1	25	22.50	22.43	22.40		
10	16QAM	1	49	22.52	22.42	22.39		
10	16QAM	25	0	21.24	21.25	21.21	22	2
10	16QAM	25	12	21.38	21.27	21.31		
10	16QAM	25	25	21.33	21.31	21.24		
10	16QAM	50	0	21.32	21.24	21.20		
10	64QAM	1	0	21.32	21.46	21.22	22	2
10	64QAM	1	25	21.29	21.34	21.35		
10	64QAM	1	49	21.54	21.38	21.33		
10	64QAM	25	0	20.31	20.30	20.25	21	3
10	64QAM	25	12	20.37	20.29	20.34		
10	64QAM	25	25	20.37	20.32	20.31		
10	64QAM	50	0	20.36	20.25	20.15		
10	256QAM	1	0	18.30	18.13	18.12	19	5
10	256QAM	1	25	18.23	18.17	18.03		
10	256QAM	1	49	18.21	18.05	17.98		
10	256QAM	25	0	18.11	18.17	18.04	19	5
10	256QAM	25	12	18.15	18.06	18.02		
10	256QAM	25	25	18.14	18.05	17.93		
10	256QAM	50	0	18.13	17.98	17.96		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.96	22.96	22.87	24	0
5	QPSK	1	12	23.09	23.00	22.87		
5	QPSK	1	24	22.94	22.94	22.83		
5	QPSK	12	0	22.22	22.18	22.16	23	1
5	QPSK	12	7	22.33	22.21	22.16		
5	QPSK	12	13	22.27	22.25	22.12		
5	QPSK	25	0	22.31	22.20	22.14		
5	16QAM	1	0	22.45	22.44	22.43	23	1
5	16QAM	1	12	22.43	22.46	22.38		
5	16QAM	1	24	22.50	22.44	22.44		
5	16QAM	12	0	21.25	21.20	21.20	22	2
5	16QAM	12	7	21.34	21.20	21.20		
5	16QAM	12	13	21.29	21.27	21.16		
5	16QAM	25	0	21.29	21.22	21.15		
5	64QAM	1	0	21.34	21.27	21.30	22	2
5	64QAM	1	12	21.35	21.33	21.15		
5	64QAM	1	24	21.45	21.38	21.27		
5	64QAM	12	0	20.28	20.23	20.20	21	3
5	64QAM	12	7	20.34	20.22	20.24		
5	64QAM	12	13	20.30	20.32	20.19		
5	64QAM	25	0	20.31	20.22	20.16		
5	256QAM	1	0	18.05	17.96	18.14	19	5
5	256QAM	1	12	17.97	18.08	18.11		
5	256QAM	1	24	18.14	17.83	17.95		
5	256QAM	12	0	18.20	18.02	17.90	19	5
5	256QAM	12	7	18.09	18.00	18.10		
5	256QAM	12	13	17.81	18.19	18.01		
5	256QAM	25	0	18.05	18.15	18.05		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.03	22.97	22.87	24	0
3	QPSK	1	8	23.05	23.02	22.84		
3	QPSK	1	14	22.97	22.91	22.78		
3	QPSK	8	0	22.32	22.21	22.11	23	1
3	QPSK	8	4	22.31	22.19	22.15		
3	QPSK	8	7	22.25	22.23	22.07		
3	QPSK	15	0	22.29	22.16	22.10		
3	16QAM	1	0	22.45	22.42	22.33	23	1
3	16QAM	1	8	22.63	22.67	22.39		
3	16QAM	1	14	22.56	22.53	22.37		
3	16QAM	8	0	21.42	21.18	21.16	22	2
3	16QAM	8	4	21.39	21.27	21.21		
3	16QAM	8	7	21.33	21.27	21.14		
3	16QAM	15	0	21.28	21.18	21.19		
3	64QAM	1	0	21.45	21.31	21.25	22	2
3	64QAM	1	8	21.45	21.51	21.28		
3	64QAM	1	14	21.35	21.31	21.20		
3	64QAM	8	0	20.39	20.30	20.18	21	3
3	64QAM	8	4	20.40	20.23	20.20		
3	64QAM	8	7	20.32	20.28	20.11		
3	64QAM	15	0	20.35	20.21	20.19		
3	256QAM	1	0	17.99	18.05	17.81	19	5
3	256QAM	1	8	17.80	18.17	17.86		
3	256QAM	1	14	17.90	18.02	17.98		
3	256QAM	8	0	18.04	18.11	18.20	19	5
3	256QAM	8	4	17.98	17.97	18.17		
3	256QAM	8	7	18.14	18.16	18.02		
3	256QAM	15	0	17.96	18.18	18.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.93	22.88	22.69	24	0
1.4	QPSK	1	3	22.94	22.90	22.76		
1.4	QPSK	1	5	22.86	22.81	22.64		
1.4	QPSK	3	0	23.00	22.91	22.78		
1.4	QPSK	3	2	22.99	22.93	22.81		
1.4	QPSK	3	3	22.97	22.87	22.72		
1.4	QPSK	6	0	22.25	22.19	22.00	23	1
1.4	16QAM	1	0	22.46	22.46	22.30	23	1
1.4	16QAM	1	3	22.54	22.49	22.36		
1.4	16QAM	1	5	22.41	22.45	22.19		
1.4	16QAM	3	0	22.31	22.21	22.09		
1.4	16QAM	3	1	22.20	22.15	22.08		
1.4	16QAM	3	3	22.18	22.18	22.00		
1.4	16QAM	6	0	21.32	21.20	21.09	22	2
1.4	64QAM	1	0	21.47	21.35	21.28	22	2
1.4	64QAM	1	3	21.45	21.38	21.33		
1.4	64QAM	1	5	21.24	21.29	21.15		
1.4	64QAM	3	0	21.39	21.27	21.11		
1.4	64QAM	3	1	21.35	21.36	21.19		
1.4	64QAM	3	3	21.32	21.28	21.12		
1.4	64QAM	6	0	20.28	20.16	19.98	21	3
1.4	256QAM	1	0	18.05	18.06	17.84	19	5
1.4	256QAM	1	3	18.19	18.10	18.00		
1.4	256QAM	1	5	18.06	17.97	17.97		
1.4	256QAM	3	0	17.86	18.02	18.14		
1.4	256QAM	3	1	17.91	17.99	17.84		
1.4	256QAM	3	3	17.85	17.87	18.00		
1.4	256QAM	6	0	18.01	17.95	18.03	19	5

Band 13_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.90		24	0
10	QPSK	1	25		22.73			
10	QPSK	1	49		22.84			
10	QPSK	25	0		21.91		23	1
10	QPSK	25	12		21.76			
10	QPSK	25	25		21.87			
10	QPSK	50	0		21.76			
10	16QAM	1	0		21.82		23	1
10	16QAM	1	25		22.04			
10	16QAM	1	49		22.26			
10	16QAM	25	0		20.70		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.76			
10	64QAM	1	0		20.80		22	2
10	64QAM	1	25		20.97			
10	64QAM	1	49		21.05			
10	64QAM	25	0		19.74		21	3
10	64QAM	25	12		19.83			
10	64QAM	25	25		19.98			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.63		19	5
10	256QAM	1	25		17.59			
10	256QAM	1	49		17.77			
10	256QAM	25	0		17.42		19	5
10	256QAM	25	12		17.75			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.80			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.58	22.69	24	0
5	QPSK	1	12	22.62	22.71	22.83		
5	QPSK	1	24	22.70	22.72	22.83		
5	QPSK	12	0	21.50	21.68	21.73	23	1
5	QPSK	12	7	21.72	21.81	21.85		
5	QPSK	12	13	21.66	21.76	21.86		
5	QPSK	25	0	21.75	21.67	21.75		
5	16QAM	1	0	21.83	21.93	22.01	23	1
5	16QAM	1	12	21.91	22.08	22.10		
5	16QAM	1	24	21.99	22.08	22.17		
5	16QAM	12	0	20.63	20.72	20.76	22	2
5	16QAM	12	7	20.75	20.84	20.90		
5	16QAM	12	13	20.75	20.80	20.90		
5	16QAM	25	0	20.80	20.68	20.79		
5	64QAM	1	0	20.79	20.74	20.86	22	2
5	64QAM	1	12	20.77	20.87	20.94		
5	64QAM	1	24	20.94	20.97	21.00		
5	64QAM	12	0	19.66	19.73	19.78	21	3
5	64QAM	12	7	19.80	19.88	19.93		
5	64QAM	12	13	19.76	19.82	19.90		
5	64QAM	25	0	19.71	19.74	19.80		
5	256QAM	1	0	17.63	17.42	17.77	19	5
5	256QAM	1	12	17.59	17.51	17.84		
5	256QAM	1	24	17.77	17.60	17.76		
5	256QAM	12	0	17.42	17.57	17.41	19	5
5	256QAM	12	7	17.75	17.63	17.45		
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.80	17.40	17.76		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	22.91	22.82	24	0
20	QPSK	1	49	22.90	22.73	22.66		
20	QPSK	1	99	22.88	22.83	22.59		
20	QPSK	50	0	22.22	22.04	21.92	23	1
20	QPSK	50	24	22.17	22.08	21.88		
20	QPSK	50	50	22.05	21.98	21.95		
20	QPSK	100	0	22.18	22.07	21.94		
20	16QAM	1	0	22.40	22.34	22.34	23	1
20	16QAM	1	49	22.51	22.23	22.30		
20	16QAM	1	99	22.23	22.25	22.21		
20	16QAM	50	0	21.24	21.07	20.90	22	2
20	16QAM	50	24	21.22	21.06	20.88		
20	16QAM	50	50	21.01	21.01	20.90		
20	16QAM	100	0	21.19	21.10	20.86		
20	64QAM	1	0	20.66	21.30	21.02	22	2
20	64QAM	1	49	20.87	21.09	20.99		
20	64QAM	1	99	21.13	21.00	20.91		
20	64QAM	50	0	19.32	20.13	19.93	21	3
20	64QAM	50	24	19.47	20.03	19.80		
20	64QAM	50	50	20.03	19.31	19.93		
20	64QAM	100	0	19.69	20.09	19.93		
20	256QAM	1	0	18.60	18.34	18.22	19	5
20	256QAM	1	49	18.67	18.41	18.48		
20	256QAM	1	99	18.54	18.28	18.38		
20	256QAM	50	0	18.55	18.30	18.22	19	5
20	256QAM	50	24	18.53	18.32	18.25		
20	256QAM	50	50	18.42	18.35	18.33		
20	256QAM	100	0	18.55	18.42	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.88	22.71	22.69	24	0
15	QPSK	1	37	22.86	22.68	22.65		
15	QPSK	1	74	22.72	22.61	22.58		
15	QPSK	36	0	22.20	22.06	21.86	23	1
15	QPSK	36	20	22.10	22.05	21.90		
15	QPSK	36	39	22.04	21.99	21.90		
15	QPSK	75	0	22.10	22.03	21.85		
15	16QAM	1	0	22.45	22.37	22.15	23	1
15	16QAM	1	37	22.42	22.23	22.24		
15	16QAM	1	74	22.34	22.22	22.15		
15	16QAM	36	0	21.19	21.01	20.87	22	2
15	16QAM	36	20	21.11	21.00	20.88		
15	16QAM	36	39	21.03	20.91	20.89		
15	16QAM	75	0	21.09	21.03	20.89		
15	64QAM	1	0	20.89	21.13	20.90	22	2
15	64QAM	1	37	20.39	21.11	21.01		
15	64QAM	1	74	21.06	20.41	20.71		
15	64QAM	36	0	19.51	20.12	19.89	21	3
15	64QAM	36	20	19.44	20.09	19.95		
15	64QAM	36	39	19.76	19.56	19.93		
15	64QAM	75	0	19.59	20.03	19.87		
15	256QAM	1	0	18.73	18.37	18.23	19	5
15	256QAM	1	37	18.88	18.42	18.54		
15	256QAM	1	74	18.61	18.46	18.53		
15	256QAM	36	0	18.55	18.28	18.22	19	5
15	256QAM	36	20	18.49	18.31	18.23		
15	256QAM	36	39	18.47	18.27	18.33		
15	256QAM	75	0	18.48	18.31	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.02	22.86	22.71	24	0
10	QPSK	1	25	23.02	22.80	22.73		
10	QPSK	1	49	22.92	22.73	22.65		
10	QPSK	25	0	22.32	22.15	22.02	23	1
10	QPSK	25	12	22.25	22.15	22.01		
10	QPSK	25	25	22.18	22.08	22.02		
10	QPSK	50	0	22.22	22.13	21.96		
10	16QAM	1	0	22.57	22.47	22.25	23	1
10	16QAM	1	25	22.49	22.37	22.28		
10	16QAM	1	49	22.41	22.26	22.25		
10	16QAM	25	0	21.36	21.19	21.01	22	2
10	16QAM	25	12	21.29	21.18	21.05		
10	16QAM	25	25	21.17	21.09	21.03		
10	16QAM	50	0	21.25	21.14	20.98		
10	64QAM	1	0	20.96	21.26	21.06	22	2
10	64QAM	1	25	20.43	21.15	21.04		
10	64QAM	1	49	20.78	20.70	21.11		
10	64QAM	25	0	19.56	20.19	20.05	21	3
10	64QAM	25	12	19.44	20.20	20.04		
10	64QAM	25	25	19.50	19.80	19.84		
10	64QAM	50	0	19.53	20.19	20.01		
10	256QAM	1	0	18.70	18.41	18.33	19	5
10	256QAM	1	25	18.80	18.53	18.55		
10	256QAM	1	49	18.94	18.68	18.52		
10	256QAM	25	0	18.71	18.42	18.32	19	5
10	256QAM	25	12	18.62	18.44	18.44		
10	256QAM	25	25	18.61	18.34	18.51		
10	256QAM	50	0	18.69	18.50	18.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.08	22.83	22.77	24	0
5	QPSK	1	12	23.08	22.83	22.77		
5	QPSK	1	24	23.07	22.81	22.69		
5	QPSK	12	0	22.31	22.09	22.01	23	1
5	QPSK	12	7	22.30	22.10	22.03		
5	QPSK	12	13	22.28	22.07	21.99		
5	QPSK	25	0	22.31	22.07	21.99		
5	16QAM	1	0	22.81	22.39	22.31	23	1
5	16QAM	1	12	22.42	22.28	22.25		
5	16QAM	1	24	22.41	22.38	22.20		
5	16QAM	12	0	21.34	21.15	21.02	22	2
5	16QAM	12	7	21.32	21.11	21.05		
5	16QAM	12	13	21.21	21.09	21.02		
5	16QAM	25	0	21.31	21.10	21.05		
5	64QAM	1	0	20.75	21.32	21.10	22	2
5	64QAM	1	12	20.35	21.20	20.71		
5	64QAM	1	24	20.36	20.95	20.95		
5	64QAM	12	0	19.44	20.14	19.74	21	3
5	64QAM	12	7	19.35	20.15	19.65		
5	64QAM	12	13	19.28	19.93	19.67		
5	64QAM	25	0	19.32	20.13	19.65		
5	256QAM	1	0	18.88	18.53	18.49	19	5
5	256QAM	1	12	18.78	18.67	18.62		
5	256QAM	1	24	18.85	18.52	18.64		
5	256QAM	12	0	18.71	18.34	18.46	19	5
5	256QAM	12	7	18.81	18.43	18.59		
5	256QAM	12	13	18.76	18.41	18.42		
5	256QAM	25	0	18.72	18.45	18.44		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	22.82	22.71	24	0
3	QPSK	1	8	23.13	22.87	22.75		
3	QPSK	1	14	23.01	22.79	22.71		
3	QPSK	8	0	22.30	22.04	22.02	23	1
3	QPSK	8	4	22.28	22.13	22.08		
3	QPSK	8	7	22.29	22.08	21.96		
3	QPSK	15	0	22.29	22.08	22.00		
3	16QAM	1	0	22.64	22.26	22.24	23	1
3	16QAM	1	8	22.52	22.36	22.30		
3	16QAM	1	14	22.43	22.30	22.14		
3	16QAM	8	0	21.36	21.14	21.01	22	2
3	16QAM	8	4	21.41	21.15	21.05		
3	16QAM	8	7	21.30	21.08	21.01		
3	16QAM	15	0	21.29	21.09	21.01		
3	64QAM	1	0	20.60	21.31	20.72	22	2
3	64QAM	1	8	20.49	21.24	20.78		
3	64QAM	1	14	20.42	21.04	20.90		
3	64QAM	8	0	19.45	20.12	19.57	21	3
3	64QAM	8	4	19.41	20.13	19.63		
3	64QAM	8	7	19.34	20.00	19.64		
3	64QAM	15	0	19.36	20.11	19.60		
3	256QAM	1	0	18.80	18.56	18.59	19	5
3	256QAM	1	8	18.92	18.70	18.52		
3	256QAM	1	14	18.72	18.46	18.49		
3	256QAM	8	0	18.69	18.42	18.41	19	5
3	256QAM	8	4	18.71	18.33	18.37		
3	256QAM	8	7	18.70	18.38	18.44		
3	256QAM	15	0	18.61	18.32	18.32		
Channel				131919	132322	132693	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.91	22.72	22.60	24	0
1.4	QPSK	1	3	23.00	22.74	22.72		
1.4	QPSK	1	5	22.89	22.69	22.57		
1.4	QPSK	3	0	22.96	22.75	22.65		
1.4	QPSK	3	1	23.00	22.82	22.72		
1.4	QPSK	3	3	23.00	22.75	22.66		
1.4	QPSK	6	0	22.22	21.98	21.92	23	1
1.4	16QAM	1	0	22.46	22.26	22.15	23	1
1.4	16QAM	1	3	22.58	22.33	22.22		
1.4	16QAM	1	5	22.49	22.33	22.13		
1.4	16QAM	3	0	22.24	22.03	21.94		
1.4	16QAM	3	1	22.27	22.02	21.91		
1.4	16QAM	3	3	22.22	21.98	21.97		
1.4	16QAM	6	0	21.30	21.07	20.97	22	2
1.4	64QAM	1	0	20.50	21.23	20.59	22	2
1.4	64QAM	1	3	20.56	21.29	20.78		
1.4	64QAM	1	5	20.37	21.09	20.79		
1.4	64QAM	3	0	20.51	21.24	20.67		
1.4	64QAM	3	1	20.57	21.23	20.75		
1.4	64QAM	3	3	20.44	21.14	20.74		
1.4	64QAM	6	0	19.33	20.02	19.54	21	3
1.4	256QAM	1	0	18.74	18.33	18.36	19	5
1.4	256QAM	1	3	18.77	18.40	18.53		
1.4	256QAM	1	5	18.76	18.46	18.55		
1.4	256QAM	3	0	18.61	18.31	18.37		
1.4	256QAM	3	1	18.86	18.33	18.41		
1.4	256QAM	3	3	18.67	18.40	18.33		
1.4	256QAM	6	0	18.71	18.17	18.21	19	5

Band 48_FCC

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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.35	23.48	23.32	23.25	24	0
20	QPSK	1	49	23.48	23.51	23.39	23.28		
20	QPSK	1	99	23.52	23.56	23.41	23.34		
20	QPSK	50	0	21.27	21.31	21.27	21.18	23	1
20	QPSK	50	24	21.25	21.28	21.24	21.10		
20	QPSK	50	50	21.17	21.22	21.09	21.05		
20	QPSK	100	0	21.26	21.30	21.11	21.07		
20	16QAM	1	0	21.17	21.31	21.29	21.29	23	1
20	16QAM	1	49	21.05	21.36	21.29	21.29		
20	16QAM	1	99	21.17	21.43	21.21	21.24		
20	16QAM	50	0	20.20	20.25	20.27	20.15	22	2
20	16QAM	50	24	20.26	20.32	20.06	20.20		
20	16QAM	50	50	20.14	20.21	20.26	20.12		
20	16QAM	100	0	20.26	20.30	20.12	20.24		
20	64QAM	1	0	20.18	20.25	20.29	20.07	22	2
20	64QAM	1	49	20.22	20.33	20.09	20.24		
20	64QAM	1	99	20.07	20.39	20.19	20.21		
20	64QAM	50	0	19.33	19.23	19.26	19.11	21	3
20	64QAM	50	24	19.20	19.24	19.42	19.42		
20	64QAM	50	50	19.05	19.30	19.08	19.26		
20	64QAM	100	0	19.29	19.27	19.05	19.17		
20	256QAM	1	0	17.30	17.34	17.58	17.61	19	5
20	256QAM	1	49	17.51	17.32	17.34	17.44		
20	256QAM	1	99	17.59	17.41	17.59	17.52		
20	256QAM	50	0	17.64	17.50	17.29	17.54	19	5
20	256QAM	50	24	17.37	17.55	17.50	17.43		
20	256QAM	50	50	17.55	17.57	17.60	17.57		
20	256QAM	100	0	17.25	17.52	17.38	17.42		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.35	23.44	23.36	23.32	24	0
15	QPSK	1	37	23.38	23.42	23.42	23.40		
15	QPSK	1	74	23.35	23.42	23.43	23.46		
15	QPSK	36	0	21.12	21.28	21.28	21.05	23	1
15	QPSK	36	20	21.20	21.10	21.10	21.13		
15	QPSK	36	39	21.21	21.25	21.26	21.30		
15	QPSK	75	0	21.10	21.20	21.07	21.11		
15	16QAM	1	0	21.20	21.14	21.05	21.18	23	1
15	16QAM	1	37	21.19	21.09	21.13	21.07		
15	16QAM	1	74	21.15	21.23	21.13	21.30		
15	16QAM	36	0	20.17	20.09	20.18	20.05	22	2
15	16QAM	36	20	20.28	20.20	20.08	20.26		
15	16QAM	36	39	20.17	20.28	20.23	20.17		
15	16QAM	75	0	20.12	20.07	20.09	20.27		
15	64QAM	1	0	20.20	20.14	20.19	20.06	22	2
15	64QAM	1	37	20.26	20.28	20.13	20.26		
15	64QAM	1	74	20.23	20.14	20.23	20.22		
15	64QAM	36	0	19.34	19.34	19.30	19.14	21	3
15	64QAM	36	20	19.09	19.06	19.21	19.33		
15	64QAM	36	39	19.12	19.29	19.30	19.24		
15	64QAM	75	0	19.30	19.29	19.09	19.21		
15	256QAM	1	0	17.62	17.42	17.63	17.26	19	5
15	256QAM	1	37	17.55	17.44	17.50	17.41		
15	256QAM	1	74	17.51	17.57	17.44	17.55		
15	256QAM	36	0	17.63	17.50	17.46	17.56	19	5
15	256QAM	36	20	17.56	17.55	17.27	17.53		
15	256QAM	36	39	17.51	17.40	17.48	17.25		
15	256QAM	75	0	17.45	17.29	17.25	17.42		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.50	23.30	23.38	23.50	24	0
10	QPSK	1	25	23.41	23.49	23.49	23.40		
10	QPSK	1	49	23.40	23.35	23.43	23.34		
10	QPSK	25	0	21.23	21.18	21.22	21.26	23	1
10	QPSK	25	12	21.11	21.28	21.25	21.09		
10	QPSK	25	25	21.19	21.25	21.05	21.18		
10	QPSK	50	0	21.27	21.30	21.06	21.18		
10	16QAM	1	0	21.27	21.13	21.20	21.16	23	1
10	16QAM	1	25	21.14	21.21	21.25	21.10		
10	16QAM	1	49	21.17	21.07	21.16	21.30		
10	16QAM	25	0	20.21	20.09	20.05	20.11	22	2
10	16QAM	25	12	20.08	20.18	20.15	20.19		
10	16QAM	25	25	20.24	20.18	20.11	20.09		
10	16QAM	50	0	20.22	20.25	20.06	20.07		
10	64QAM	1	0	20.27	20.07	20.30	20.29	22	2
10	64QAM	1	25	20.10	20.21	20.07	20.17		
10	64QAM	1	49	20.21	20.30	20.14	20.24		
10	64QAM	25	0	19.22	19.34	19.28	19.35	21	3
10	64QAM	25	12	19.14	19.22	19.27	19.24		
10	64QAM	25	25	19.21	19.08	19.31	19.26		
10	64QAM	50	0	19.15	19.09	19.28	19.30		
10	256QAM	1	0	17.41	17.31	17.36	17.37	19	5
10	256QAM	1	25	17.43	17.60	17.62	17.51		
10	256QAM	1	49	17.30	17.65	17.52	17.37		
10	256QAM	25	0	17.44	17.30	17.54	17.30	19	5
10	256QAM	25	12	17.26	17.61	17.33	17.41		
10	256QAM	25	25	17.61	17.30	17.26	17.54		
10	256QAM	50	0	17.49	17.51	17.38	17.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.47	23.49	23.42	23.45	24	0
5	QPSK	1	12	23.43	23.43	23.43	23.47		
5	QPSK	1	24	23.49	23.48	23.44	23.42		
5	QPSK	12	0	21.21	21.12	21.26	21.25	23	1
5	QPSK	12	7	21.12	21.27	21.30	21.17		
5	QPSK	12	13	21.29	21.08	21.23	21.17		
5	QPSK	25	0	21.05	21.21	21.20	21.21		
5	16QAM	1	0	21.09	21.13	21.07	21.22	23	1
5	16QAM	1	12	21.26	21.29	21.19	21.05		
5	16QAM	1	24	21.20	21.19	21.09	21.29		
5	16QAM	12	0	20.07	20.28	20.25	20.13	22	2
5	16QAM	12	7	20.13	20.09	20.17	20.22		
5	16QAM	12	13	20.28	20.20	20.10	20.17		
5	16QAM	25	0	20.19	20.08	20.29	20.14		
5	64QAM	1	0	20.08	20.15	20.22	20.30	22	2
5	64QAM	1	12	20.15	20.25	20.13	20.05		
5	64QAM	1	24	20.14	20.08	20.14	20.12		
5	64QAM	12	0	19.19	19.21	19.26	19.11	21	3
5	64QAM	12	7	19.27	19.14	19.33	19.24		
5	64QAM	12	13	19.16	19.27	19.05	19.35		
5	64QAM	25	0	19.16	19.22	19.12	19.28		
5	256QAM	1	0	17.29	17.64	17.25	17.61	19	5
5	256QAM	1	12	17.48	17.28	17.27	17.62		
5	256QAM	1	24	17.28	17.53	17.26	17.52		
5	256QAM	12	0	17.55	17.62	17.31	17.52	19	5
5	256QAM	12	7	17.50	17.39	17.31	17.27		
5	256QAM	12	13	17.45	17.41	17.49	17.43		
5	256QAM	25	0	17.42	17.28	17.51	17.52		

Reduced Power Mode for WWAN

Band 2_ANT 2 DSI2

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	20.98	20.87	20.68	22	0
20	QPSK	1	49	20.97	20.71	20.60		
20	QPSK	1	99	20.71	20.55	20.66		
20	QPSK	50	0	20.96	20.86	20.80	22	0
20	QPSK	50	24	20.94	20.81	20.64		
20	QPSK	50	50	20.76	20.85	20.79		
20	QPSK	100	0	20.83	20.81	20.72		
20	16QAM	1	0	20.95	20.88	20.67	22	0
20	16QAM	1	49	20.93	20.94	20.93		
20	16QAM	1	99	20.87	20.94	20.80		
20	16QAM	50	0	20.97	20.91	20.68	22	0
20	16QAM	50	24	20.92	20.88	20.74		
20	16QAM	50	50	20.78	20.82	20.79		
20	16QAM	100	0	20.80	20.67	20.81		
20	64QAM	1	0	20.91	20.95	20.47	22	0
20	64QAM	1	49	20.67	20.69	20.92		
20	64QAM	1	99	20.64	20.62	20.64		
20	64QAM	50	0	20.04	19.80	19.88	21	1
20	64QAM	50	24	19.95	19.86	19.72		
20	64QAM	50	50	19.77	19.81	19.77		
20	64QAM	100	0	19.90	19.80	19.82		
20	256QAM	1	0	17.44	17.49	17.15	19	3
20	256QAM	1	49	17.67	17.32	17.06		
20	256QAM	1	99	17.17	17.09	17.25		
20	256QAM	50	0	17.44	17.37	17.42	19	3
20	256QAM	50	24	17.58	17.29	17.04		
20	256QAM	50	50	17.46	17.51	17.28		
20	256QAM	100	0	17.32	17.24	17.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.91	20.87	20.67	22	0
15	QPSK	1	37	20.90	20.74	20.56		
15	QPSK	1	74	20.70	20.57	20.69		
15	QPSK	36	0	20.88	20.86	20.78	22	0
15	QPSK	36	20	20.95	20.85	20.60		
15	QPSK	36	39	20.80	20.82	20.83		
15	QPSK	75	0	20.83	20.79	20.76		
15	16QAM	1	0	20.95	20.88	20.67	22	0
15	16QAM	1	37	20.91	20.88	20.97		
15	16QAM	1	74	20.82	20.95	20.81		
15	16QAM	36	0	20.83	20.94	20.73	22	0
15	16QAM	36	20	20.97	20.89	20.77		
15	16QAM	36	39	20.79	20.87	20.78		
15	16QAM	75	0	20.76	20.62	20.85		
15	64QAM	1	0	20.93	20.96	20.42	22	0
15	64QAM	1	37	20.72	20.67	20.95		
15	64QAM	1	74	20.59	20.67	20.60		
15	64QAM	36	0	20.06	19.82	19.87	21	1
15	64QAM	36	20	19.99	19.85	19.68		
15	64QAM	36	39	19.78	19.78	19.82		
15	64QAM	75	0	19.88	19.80	19.81		
15	256QAM	1	0	17.47	17.48	17.11	19	3
15	256QAM	1	37	17.68	17.28	17.04		
15	256QAM	1	74	17.18	17.05	17.29		
15	256QAM	36	0	17.49	17.40	17.37	19	3
15	256QAM	36	20	17.55	17.27	17.01		
15	256QAM	36	39	17.44	17.50	17.25		
15	256QAM	75	0	17.31	17.28	17.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.93	20.82	20.73	22	0
10	QPSK	1	25	20.91	20.76	20.58		
10	QPSK	1	49	20.67	20.59	20.70		
10	QPSK	25	0	20.89	20.84	20.83	22	0
10	QPSK	25	12	20.89	20.77	20.65		
10	QPSK	25	25	20.81	20.88	20.81		
10	QPSK	50	0	20.83	20.84	20.76		
10	16QAM	1	0	20.96	20.91	20.65	22	0
10	16QAM	1	25	20.96	20.90	20.93		
10	16QAM	1	49	20.86	20.95	20.82		
10	16QAM	25	0	20.94	20.91	20.67	22	0
10	16QAM	25	12	20.88	20.90	20.72		
10	16QAM	25	25	20.74	20.83	20.78		
10	16QAM	50	0	20.79	20.66	20.76		
10	64QAM	1	0	20.90	20.91	20.43	22	0
10	64QAM	1	25	20.64	20.73	20.94		
10	64QAM	1	49	20.66	20.58	20.69		
10	64QAM	25	0	20.07	19.78	19.86	21	1
10	64QAM	25	12	19.97	19.82	19.73		
10	64QAM	25	25	19.81	19.77	19.78		
10	64QAM	50	0	19.89	19.79	19.84		
10	256QAM	1	0	17.48	17.52	17.14	19	3
10	256QAM	1	25	17.69	17.37	17.10		
10	256QAM	1	49	17.20	17.05	17.30		
10	256QAM	25	0	17.43	17.41	17.39	19	3
10	256QAM	25	12	17.53	17.33	17.05		
10	256QAM	25	25	17.45	17.50	17.30		
10	256QAM	50	0	17.28	17.23	17.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.96	20.83	20.72	22	0
5	QPSK	1	12	20.95	20.76	20.61		
5	QPSK	1	24	20.75	20.59	20.67		
5	QPSK	12	0	20.88	20.85	20.80	22	0
5	QPSK	12	7	20.89	20.80	20.69		
5	QPSK	12	13	20.71	20.90	20.81		
5	QPSK	25	0	20.82	20.82	20.72		
5	16QAM	1	0	20.95	20.86	20.69	22	0
5	16QAM	1	12	20.88	20.97	20.89		
5	16QAM	1	24	20.92	20.97	20.80		
5	16QAM	12	0	20.97	20.88	20.73	22	0
5	16QAM	12	7	20.88	20.89	20.70		
5	16QAM	12	13	20.75	20.80	20.82		
5	16QAM	25	0	20.77	20.66	20.85		
5	64QAM	1	0	20.93	20.88	20.46	22	0
5	64QAM	1	12	20.70	20.70	20.93		
5	64QAM	1	24	20.69	20.59	20.64		
5	64QAM	12	0	20.06	19.77	19.93	21	1
5	64QAM	12	7	19.95	19.84	19.73		
5	64QAM	12	13	19.77	19.79	19.82		
5	64QAM	25	0	19.94	19.76	19.83		
5	256QAM	1	0	17.45	17.44	17.15	19	3
5	256QAM	1	12	17.69	17.37	17.07		
5	256QAM	1	24	17.14	17.08	17.27		
5	256QAM	12	0	17.41	17.37	17.43	19	3
5	256QAM	12	7	17.58	17.28	17.04		
5	256QAM	12	13	17.44	17.49	17.27		
5	256QAM	25	0	17.32	17.27	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.93	20.89	20.67	22	0
3	QPSK	1	8	20.94	20.73	20.58		
3	QPSK	1	14	20.69	20.56	20.62		
3	QPSK	8	0	20.92	20.81	20.84	22	0
3	QPSK	8	4	20.92	20.84	20.67		
3	QPSK	8	7	20.74	20.86	20.75		
3	QPSK	15	0	20.82	20.81	20.77		
3	16QAM	1	0	20.97	20.83	20.67	22	0
3	16QAM	1	8	20.94	20.97	20.91		
3	16QAM	1	14	20.88	20.90	20.85		
3	16QAM	8	0	20.92	20.94	20.66	22	0
3	16QAM	8	4	20.93	20.90	20.79		
3	16QAM	8	7	20.76	20.77	20.80		
3	16QAM	15	0	20.83	20.64	20.84		
3	64QAM	1	0	20.90	20.93	20.46	22	0
3	64QAM	1	8	20.70	20.65	20.92		
3	64QAM	1	14	20.66	20.61	20.59		
3	64QAM	8	0	19.99	19.84	19.87	21	1
3	64QAM	8	4	19.94	19.88	19.76		
3	64QAM	8	7	19.78	19.77	19.80		
3	64QAM	15	0	19.85	19.82	19.77		
3	256QAM	1	0	17.47	17.46	17.13	19	3
3	256QAM	1	8	17.66	17.36	17.01		
3	256QAM	1	14	17.17	17.08	17.20		
3	256QAM	8	0	17.41	17.39	17.44	19	3
3	256QAM	8	4	17.56	17.24	17.04		
3	256QAM	8	7	17.50	17.55	17.27		
3	256QAM	15	0	17.31	17.25	17.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.94	20.86	20.65	22	0
1.4	QPSK	1	3	20.95	20.70	20.62		
1.4	QPSK	1	5	20.75	20.60	20.66		
1.4	QPSK	3	0	20.95	20.83	20.84		
1.4	QPSK	3	1	20.90	20.77	20.60		
1.4	QPSK	3	3	20.77	20.84	20.78		
1.4	QPSK	6	0	20.81	20.76	20.73	22	0
1.4	16QAM	1	0	20.91	20.89	20.70	22	0
1.4	16QAM	1	3	20.97	20.96	20.97		
1.4	16QAM	1	5	20.86	20.94	20.79		
1.4	16QAM	3	0	20.93	20.87	20.63		
1.4	16QAM	3	1	20.89	20.88	20.73		
1.4	16QAM	3	3	20.76	20.87	20.79		
1.4	16QAM	6	0	20.82	20.69	20.76	22	0
1.4	64QAM	1	0	20.91	20.95	20.42	22	0
1.4	64QAM	1	3	20.62	20.70	20.92		
1.4	64QAM	1	5	20.60	20.59	20.65		
1.4	64QAM	3	0	20.75	20.46	20.54		
1.4	64QAM	3	1	20.62	20.60	20.45		
1.4	64QAM	3	3	20.50	20.50	20.47		
1.4	64QAM	6	0	19.88	19.76	19.80	21	1
1.4	256QAM	1	0	17.39	17.48	17.13	19	3
1.4	256QAM	1	3	17.66	17.29	17.08		
1.4	256QAM	1	5	17.16	17.11	17.27		
1.4	256QAM	3	0	17.48	17.32	17.37		
1.4	256QAM	3	1	17.61	17.30	17.05		
1.4	256QAM	3	3	17.47	17.49	17.28		
1.4	256QAM	6	0	17.35	17.20	17.13	19	3

Band 4_ANT 2 DSI2

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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.95	23.09	22.70	24	0
20	QPSK	1	49	22.73	22.65	22.70		
20	QPSK	1	99	22.63	22.60	22.64		
20	QPSK	50	0	21.93	22.11	21.97	23	1
20	QPSK	50	24	22.10	21.92	21.97		
20	QPSK	50	50	21.90	21.83	21.97		
20	QPSK	100	0	21.98	22.01	22.01		
20	16QAM	1	0	22.17	22.30	22.18	23	1
20	16QAM	1	49	22.16	22.04	22.15		
20	16QAM	1	99	22.08	22.11	22.19		
20	16QAM	50	0	20.89	20.95	20.97	22	2
20	16QAM	50	24	21.10	20.92	21.01		
20	16QAM	50	50	20.90	20.85	21.00		
20	16QAM	100	0	20.96	20.89	20.99		
20	64QAM	1	0	20.32	20.91	21.19	22	2
20	64QAM	1	49	20.67	21.00	20.80		
20	64QAM	1	99	20.93	21.04	20.88		
20	64QAM	50	0	19.42	20.02	20.04	21	3
20	64QAM	50	24	19.65	19.96	19.84		
20	64QAM	50	50	19.67	19.87	19.26		
20	64QAM	100	0	19.87	19.94	19.94		
20	256QAM	1	0	17.87	18.09	17.62	19	5
20	256QAM	1	49	17.71	17.86	17.41		
20	256QAM	1	99	17.62	17.92	17.54		
20	256QAM	50	0	17.95	17.62	17.55	19	5
20	256QAM	50	24	17.83	17.61	17.57		
20	256QAM	50	50	17.70	17.51	17.66		
20	256QAM	100	0	17.72	17.56	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.88	22.72	22.73	24	0
15	QPSK	1	37	22.64	22.58	22.73		
15	QPSK	1	74	22.60	22.62	22.65		
15	QPSK	36	0	21.83	21.92	22.03	23	1
15	QPSK	36	20	21.84	21.91	22.12		
15	QPSK	36	39	21.97	21.89	22.00		
15	QPSK	75	0	21.97	21.92	22.01		
15	16QAM	1	0	22.11	22.35	22.29	23	1
15	16QAM	1	37	21.90	22.10	22.29		
15	16QAM	1	74	22.24	22.17	22.19		
15	16QAM	36	0	20.77	20.97	21.01	22	2
15	16QAM	36	20	20.80	20.93	21.13		
15	16QAM	36	39	21.00	20.88	21.02		
15	16QAM	75	0	20.95	20.94	21.02		
15	64QAM	1	0	20.38	21.13	21.21	22	2
15	64QAM	1	37	20.36	21.05	20.28		
15	64QAM	1	74	20.78	21.06	20.23		
15	64QAM	36	0	19.33	19.96	19.85	21	3
15	64QAM	36	20	19.37	19.95	19.28		
15	64QAM	36	39	19.12	19.95	19.04		
15	64QAM	75	0	19.50	19.92	19.44		
15	256QAM	1	0	17.65	17.62	17.67	19	5
15	256QAM	1	37	17.99	17.69	17.59		
15	256QAM	1	74	17.55	17.59	17.71		
15	256QAM	36	0	18.07	17.94	17.80	19	5
15	256QAM	36	20	18.03	17.88	17.62		
15	256QAM	36	39	17.80	17.51	17.77		
15	256QAM	75	0	17.54	18.07	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.08	22.80	22.90	24	0
10	QPSK	1	25	22.64	22.72	22.84		
10	QPSK	1	49	22.92	22.68	22.79		
10	QPSK	25	0	21.92	22.04	22.16	23	1
10	QPSK	25	12	21.81	22.03	22.07		
10	QPSK	25	25	21.88	22.02	22.04		
10	QPSK	50	0	21.87	22.04	22.12		
10	16QAM	1	0	22.26	22.34	22.34	23	1
10	16QAM	1	25	21.85	22.23	22.12		
10	16QAM	1	49	22.27	22.21	22.30		
10	16QAM	25	0	20.86	21.08	21.18	22	2
10	16QAM	25	12	20.76	21.10	21.07		
10	16QAM	25	25	20.83	21.03	21.04		
10	16QAM	50	0	20.86	21.08	21.15		
10	64QAM	1	0	20.82	21.21	20.79	22	2
10	64QAM	1	25	20.32	21.21	20.63		
10	64QAM	1	49	20.79	21.13	20.33		
10	64QAM	25	0	19.39	20.10	19.29	21	3
10	64QAM	25	12	19.29	20.08	19.28		
10	64QAM	25	25	19.39	20.05	19.24		
10	64QAM	50	0	19.41	20.09	19.16		
10	256QAM	1	0	17.82	17.76	17.91	19	5
10	256QAM	1	25	17.99	17.80	17.67		
10	256QAM	1	49	17.51	17.61	17.68		
10	256QAM	25	0	17.64	17.53	18.02	19	5
10	256QAM	25	12	17.55	18.07	17.64		
10	256QAM	25	25	17.94	17.84	17.79		
10	256QAM	50	0	18.02	17.97	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.80	22.87	24	0
5	QPSK	1	12	22.53	22.73	22.68		
5	QPSK	1	24	22.55	22.71	22.84		
5	QPSK	12	0	21.75	21.97	21.83	23	1
5	QPSK	12	7	21.65	22.00	21.84		
5	QPSK	12	13	21.58	21.96	21.90		
5	QPSK	25	0	21.64	22.04	21.84		
5	16QAM	1	0	22.07	22.33	22.07	23	1
5	16QAM	1	12	21.78	22.29	21.97		
5	16QAM	1	24	21.76	22.19	22.22		
5	16QAM	12	0	20.70	21.06	20.82	22	2
5	16QAM	12	7	20.62	21.05	20.86		
5	16QAM	12	13	20.58	21.02	20.91		
5	16QAM	25	0	20.62	21.01	20.86		
5	64QAM	1	0	20.55	21.24	20.66	22	2
5	64QAM	1	12	20.28	21.12	20.48		
5	64QAM	1	24	20.28	21.19	20.78		
5	64QAM	12	0	19.27	20.02	19.44	21	3
5	64QAM	12	7	19.18	20.05	19.45		
5	64QAM	12	13	19.15	20.04	19.51		
5	64QAM	25	0	19.16	20.01	19.41		
5	256QAM	1	0	17.63	17.82	18.04	19	5
5	256QAM	1	12	17.67	17.78	17.60		
5	256QAM	1	24	18.05	17.68	17.82		
5	256QAM	12	0	17.76	18.08	17.92	19	5
5	256QAM	12	7	17.88	17.97	17.76		
5	256QAM	12	13	18.01	17.68	18.02		
5	256QAM	25	0	18.09	18.05	17.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.80	22.76	22.77	24	0
3	QPSK	1	8	22.67	22.83	22.76		
3	QPSK	1	14	22.56	22.73	22.81		
3	QPSK	8	0	21.72	21.99	21.78	23	1
3	QPSK	8	4	21.68	22.02	21.83		
3	QPSK	8	7	21.61	21.98	21.84		
3	QPSK	15	0	21.65	21.96	21.81		
3	16QAM	1	0	21.97	22.26	21.92	23	1
3	16QAM	1	8	21.91	22.36	22.04		
3	16QAM	1	14	21.81	22.25	22.12		
3	16QAM	8	0	20.74	21.03	20.81	22	2
3	16QAM	8	4	20.68	21.01	20.86		
3	16QAM	8	7	20.63	21.02	20.90		
3	16QAM	15	0	20.64	20.97	20.85		
3	64QAM	1	0	20.43	21.09	20.53	22	2
3	64QAM	1	8	20.37	21.21	20.60		
3	64QAM	1	14	20.30	21.21	20.68		
3	64QAM	8	0	19.26	20.07	19.38	21	3
3	64QAM	8	4	19.21	20.10	19.44		
3	64QAM	8	7	19.15	20.03	19.48		
3	64QAM	15	0	19.17	20.02	19.39		
3	256QAM	1	0	17.72	17.96	17.65	19	5
3	256QAM	1	8	18.06	17.95	17.98		
3	256QAM	1	14	17.99	17.74	17.51		
3	256QAM	8	0	17.75	17.56	17.66	19	5
3	256QAM	8	4	18.00	17.77	17.93		
3	256QAM	8	7	18.10	17.68	17.88		
3	256QAM	15	0	17.54	17.78	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.80	22.63	22.69	24	0
1.4	QPSK	1	3	22.72	22.66	22.71		
1.4	QPSK	1	5	22.59	22.62	22.67		
1.4	QPSK	3	0	22.65	22.67	22.61		
1.4	QPSK	3	1	22.65	22.74	22.66		
1.4	QPSK	3	3	22.56	22.71	22.65		
1.4	QPSK	6	0	21.66	21.92	21.71	24	0
1.4	16QAM	1	0	21.83	22.22	21.90	24	0
1.4	16QAM	1	3	21.88	22.30	22.02		
1.4	16QAM	1	5	21.83	22.18	21.96		
1.4	16QAM	3	0	21.64	22.01	21.69		
1.4	16QAM	3	1	21.64	22.04	21.77		
1.4	16QAM	3	3	21.58	21.93	21.74		
1.4	16QAM	6	0	20.67	20.97	20.81	24	0
1.4	64QAM	1	0	20.32	21.19	20.41	24	0
1.4	64QAM	1	3	20.39	21.15	20.55		
1.4	64QAM	1	5	20.26	21.16	20.48		
1.4	64QAM	3	0	20.33	21.09	20.41		
1.4	64QAM	3	1	20.41	21.08	20.46		
1.4	64QAM	3	3	20.29	20.99	20.45		
1.4	64QAM	6	0	19.14	19.92	19.27	23	1
1.4	256QAM	1	0	17.72	18.07	17.64	21	3
1.4	256QAM	1	3	17.87	17.66	17.97		
1.4	256QAM	1	5	17.60	18.05	18.07		
1.4	256QAM	3	0	17.70	18.04	18.09		
1.4	256QAM	3	1	17.67	18.00	17.67		
1.4	256QAM	3	3	17.82	17.59	17.79		
1.4	256QAM	6	0	18.06	17.55	17.63	21	3

Band 5_ANT 2 DSI2

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.80	21.87	21.69	23	0
10	QPSK	1	25	21.78	21.77	21.47		
10	QPSK	1	49	21.70	21.72	21.50		
10	QPSK	25	0	21.78	21.68	21.59	23	0
10	QPSK	25	12	21.74	21.55	21.42		
10	QPSK	25	25	21.65	21.49	21.36		
10	QPSK	50	0	21.61	21.62	21.48		
10	16QAM	1	0	21.81	21.56	21.71	23	0
10	16QAM	1	25	21.69	21.33	21.48		
10	16QAM	1	49	21.54	21.68	21.78		
10	16QAM	25	0	20.94	20.85	20.64	22	1
10	16QAM	25	12	21.03	20.91	20.80		
10	16QAM	25	25	20.92	20.87	20.52		
10	16QAM	50	0	21.01	20.86	20.61		
10	64QAM	1	0	21.19	20.85	20.84	22	1
10	64QAM	1	25	20.58	21.24	20.64		
10	64QAM	1	49	21.01	20.71	20.74		
10	64QAM	25	0	19.96	19.90	19.79	21	2
10	64QAM	25	12	20.04	19.88	19.77		
10	64QAM	25	25	19.98	19.76	19.66		
10	64QAM	50	0	20.06	19.84	19.73		
10	256QAM	1	0	17.27	17.31	17.19	19	4
10	256QAM	1	25	17.27	17.38	17.01		
10	256QAM	1	49	17.12	17.12	17.02		
10	256QAM	25	0	17.31	17.25	17.09	19	4
10	256QAM	25	12	17.15	17.10	17.08		
10	256QAM	25	25	17.27	17.09	17.08		
10	256QAM	50	0	17.28	17.06	17.05		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.79	21.85	21.66	23	0
5	QPSK	1	12	21.73	21.74	21.43		
5	QPSK	1	24	21.74	21.72	21.45		
5	QPSK	12	0	21.78	21.67	21.54	23	0
5	QPSK	12	7	21.78	21.60	21.39		
5	QPSK	12	13	21.60	21.48	21.40		
5	QPSK	25	0	21.64	21.61	21.43		
5	16QAM	1	0	21.79	21.54	21.67	23	0
5	16QAM	1	12	21.69	21.28	21.44		
5	16QAM	1	24	21.51	21.72	21.83		
5	16QAM	12	0	20.93	20.86	20.59	22	1
5	16QAM	12	7	21.07	20.93	20.85		
5	16QAM	12	13	20.97	20.82	20.57		
5	16QAM	25	0	21.06	20.91	20.60		
5	64QAM	1	0	21.14	20.87	20.80	22	1
5	64QAM	1	12	20.54	21.24	20.67		
5	64QAM	1	24	21.00	20.73	20.78		
5	64QAM	12	0	19.95	19.89	19.79	21	2
5	64QAM	12	7	20.09	19.92	19.76		
5	64QAM	12	13	20.00	19.77	19.71		
5	64QAM	25	0	20.01	19.89	19.73		
5	256QAM	1	0	17.22	17.36	17.15	19	4
5	256QAM	1	12	17.32	17.36	17.04		
5	256QAM	1	24	17.08	17.15	17.06		
5	256QAM	12	0	17.27	17.30	17.12	19	4
5	256QAM	12	7	17.18	17.15	17.05		
5	256QAM	12	13	17.30	17.11	17.02		
5	256QAM	25	0	17.25	17.01	17.07		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.84	21.84	21.67	23	0
3	QPSK	1	8	21.73	21.80	21.48		
3	QPSK	1	14	21.68	21.77	21.52		
3	QPSK	8	0	21.73	21.63	21.54	23	0
3	QPSK	8	4	21.71	21.57	21.38		
3	QPSK	8	7	21.64	21.47	21.33		
3	QPSK	15	0	21.59	21.63	21.47		
3	16QAM	1	0	21.85	21.52	21.74	23	0
3	16QAM	1	8	21.65	21.38	21.48		
3	16QAM	1	14	21.53	21.71	21.81		
3	16QAM	8	0	20.92	20.90	20.61	22	1
3	16QAM	8	4	21.07	20.90	20.75		
3	16QAM	8	7	20.89	20.90	20.48		
3	16QAM	15	0	20.96	20.91	20.65		
3	64QAM	1	0	21.21	20.86	20.86	22	1
3	64QAM	1	8	20.59	21.24	20.60		
3	64QAM	1	14	21.04	20.70	20.78		
3	64QAM	8	0	19.95	19.93	19.81	21	2
3	64QAM	8	4	20.07	19.83	19.79		
3	64QAM	8	7	19.97	19.80	19.61		
3	64QAM	15	0	20.01	19.86	19.76		
3	256QAM	1	0	17.22	17.32	17.20	19	4
3	256QAM	1	8	17.32	17.33	17.06		
3	256QAM	1	14	17.16	17.12	17.04		
3	256QAM	8	0	17.32	17.26	17.11	19	4
3	256QAM	8	4	17.15	17.08	17.08		
3	256QAM	8	7	17.24	17.10	17.01		
3	256QAM	15	0	17.23	17.06	17.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.80	21.84	21.68	23	0
1.4	QPSK	1	3	21.81	21.82	21.50		
1.4	QPSK	1	5	21.70	21.72	21.50		
1.4	QPSK	3	0	21.82	21.68	21.54		
1.4	QPSK	3	1	21.75	21.58	21.38		
1.4	QPSK	3	3	21.63	21.51	21.34		
1.4	QPSK	6	0	21.64	21.66	21.47	23	0
1.4	16QAM	1	0	21.85	21.59	21.75	23	0
1.4	16QAM	1	3	21.66	21.29	21.45		
1.4	16QAM	1	5	21.59	21.63	21.78		
1.4	16QAM	3	0	21.72	21.67	21.43		
1.4	16QAM	3	1	21.84	21.75	21.56		
1.4	16QAM	3	3	21.68	21.68	21.31		
1.4	16QAM	6	0	21.81	21.65	21.43	22	1
1.4	64QAM	1	0	21.18	20.89	20.83	22	1
1.4	64QAM	1	3	20.62	21.25	20.66		
1.4	64QAM	1	5	21.05	20.67	20.73		
1.4	64QAM	3	0	20.55	20.75	20.62		
1.4	64QAM	3	1	20.57	20.72	20.57		
1.4	64QAM	3	3	20.52	20.53	20.50		
1.4	64QAM	6	0	20.05	19.79	19.71	21	2
1.4	256QAM	1	0	17.23	17.30	17.14	19	4
1.4	256QAM	1	3	17.24	17.34	17.08		
1.4	256QAM	1	5	17.09	17.12	17.00		
1.4	256QAM	3	0	17.28	17.27	17.11		
1.4	256QAM	3	1	17.12	17.11	17.03		
1.4	256QAM	3	3	17.32	17.04	17.03		
1.4	256QAM	6	0	17.28	17.08	17.09	19	4

Band 13_ANT 2 DSI2

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)					782			
10	QPSK	1	0		22.26		23.5	0
10	QPSK	1	25		22.23			
10	QPSK	1	49		22.25			
10	QPSK	25	0		21.75		23	0.5
10	QPSK	25	12		21.70			
10	QPSK	25	25		21.73			
10	QPSK	50	0		21.71			
10	16QAM	1	0		21.97		23	0.5
10	16QAM	1	25		21.64			
10	16QAM	1	49		22.19			
10	16QAM	25	0		20.71		22	1.5
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.87			
10	16QAM	50	0		20.83			
10	64QAM	1	0		20.79		22	1.5
10	64QAM	1	25		21.08			
10	64QAM	1	49		21.09			
10	64QAM	25	0		19.73		21	2.5
10	64QAM	25	12		19.83			
10	64QAM	25	25		19.91			
10	64QAM	50	0		19.88			
10	256QAM	1	0		17.87		19	4.5
10	256QAM	1	25		17.77			
10	256QAM	1	49		17.78			
10	256QAM	25	0		17.17		19	4.5
10	256QAM	25	12		17.37			
10	256QAM	25	25		17.38			
10	256QAM	50	0		17.14			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.12	22.15	22.25	23.5	0
5	QPSK	1	12	22.09	22.12	22.23		
5	QPSK	1	24	22.11	22.14	22.24		
5	QPSK	12	0	21.62	21.64	21.74	23	0.5
5	QPSK	12	7	21.55	21.59	21.70		
5	QPSK	12	13	21.58	21.62	21.73		
5	QPSK	25	0	21.57	21.60	21.70		
5	16QAM	1	0	21.83	21.86	21.95	23	0.5
5	16QAM	1	12	21.51	21.53	21.62		
5	16QAM	1	24	22.04	22.06	22.17		
5	16QAM	12	0	20.58	20.60	20.69	22	1.5
5	16QAM	12	7	20.64	20.69	20.78		
5	16QAM	12	13	20.71	20.76	20.86		
5	16QAM	25	0	20.70	20.72	20.83		
5	64QAM	1	0	20.65	20.68	20.77	22	1.5
5	64QAM	1	12	20.93	20.97	21.08		
5	64QAM	1	24	20.95	20.98	21.08		
5	64QAM	12	0	19.57	19.62	19.73	21	2.5
5	64QAM	12	7	19.67	19.72	19.83		
5	64QAM	12	13	19.77	19.80	19.89		
5	64QAM	25	0	19.75	19.77	19.87		
5	256QAM	1	0	17.73	17.76	17.87	19	4.5
5	256QAM	1	12	17.62	17.66	17.75		
5	256QAM	1	24	17.62	17.67	17.78		
5	256QAM	12	0	17.04	17.06	17.17	19	4.5
5	256QAM	12	7	17.24	17.26	17.35		
5	256QAM	12	13	17.24	17.27	17.38		
5	256QAM	25	0	17.09	17.03	17.14		

Band 66_ANT 2 DSI2

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	23.16	22.91	22.82	24	0
20	QPSK	1	49	22.90	22.73	22.66		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	22.22	22.04	21.92	23	1
20	QPSK	50	24	22.17	22.08	21.88		
20	QPSK	50	50	22.05	21.98	21.95		
20	QPSK	100	0	22.18	22.07	21.94		
20	16QAM	1	0	22.40	22.34	22.34	23	1
20	16QAM	1	49	22.51	22.23	22.30		
20	16QAM	1	99	22.23	22.25	22.21		
20	16QAM	50	0	21.24	21.07	20.90	22	2
20	16QAM	50	24	21.22	21.06	20.88		
20	16QAM	50	50	21.01	21.01	20.90		
20	16QAM	100	0	21.19	21.10	20.86		
20	64QAM	1	0	20.66	21.30	21.02	22	2
20	64QAM	1	49	20.87	21.09	20.99		
20	64QAM	1	99	21.13	21.00	20.91		
20	64QAM	50	0	19.32	20.13	19.93	21	3
20	64QAM	50	24	19.47	20.03	19.89		
20	64QAM	50	50	20.03	19.31	19.93		
20	64QAM	100	0	19.69	20.09	19.93		
20	256QAM	1	0	18.60	18.34	18.22	19	5
20	256QAM	1	49	18.67	18.41	18.48		
20	256QAM	1	99	18.54	18.28	18.38		
20	256QAM	50	0	18.55	18.30	18.22	19	5
20	256QAM	50	24	18.53	18.32	18.25		
20	256QAM	50	50	18.42	18.35	18.33		
20	256QAM	100	0	18.55	18.42	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.88	22.71	22.69	24	0
15	QPSK	1	37	22.86	22.68	22.65		
15	QPSK	1	74	22.72	22.61	22.58		
15	QPSK	36	0	22.20	22.06	21.86	23	1
15	QPSK	36	20	22.10	22.05	21.90		
15	QPSK	36	39	22.04	21.99	21.90		
15	QPSK	75	0	22.10	22.03	21.85		
15	16QAM	1	0	22.45	22.37	22.15	23	1
15	16QAM	1	37	22.42	22.23	22.24		
15	16QAM	1	74	22.34	22.22	22.15		
15	16QAM	36	0	21.19	21.01	20.87	22	2
15	16QAM	36	20	21.11	21.00	20.88		
15	16QAM	36	39	21.03	20.91	20.89		
15	16QAM	75	0	21.09	21.03	20.89		
15	64QAM	1	0	20.89	21.13	21.00	22	2
15	64QAM	1	37	20.39	21.11	21.01		
15	64QAM	1	74	21.06	20.41	20.71		
15	64QAM	36	0	19.51	20.12	19.89	21	3
15	64QAM	36	20	19.48	20.09	19.95		
15	64QAM	36	39	19.76	19.56	19.93		
15	64QAM	75	0	19.59	20.03	19.87		
15	256QAM	1	0	18.73	18.37	18.23	19	5
15	256QAM	1	37	18.88	18.42	18.54		
15	256QAM	1	74	18.61	18.46	18.53		
15	256QAM	36	0	18.55	18.26	18.22	19	5
15	256QAM	36	20	18.49	18.31	18.23		
15	256QAM	36	39	18.47	18.27	18.33		
15	256QAM	75	0	18.48	18.31	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.02	22.86	22.71	24	0
10	QPSK	1	25	23.02	22.86	22.73		
10	QPSK	1	49	22.92	22.73	22.65		
10	QPSK	25	0	22.32	22.15	22.02	23	1
10	QPSK	25	12	22.25	22.15	22.01		
10	QPSK	25	25	22.18	22.08	22.02		
10	QPSK	50	0	22.22	22.13	21.96		
10	16QAM	1	0	22.57	22.47	22.25	23	1
10	16QAM	1	25	22.49	22.37	22.28		
10	16QAM	1	49	22.41	22.26	22.25		
10	16QAM	25	0	21.36	21.19	21.01	22	2
10	16QAM	25	12	21.29	21.18	21.05		
10	16QAM	25	25	21.17	21.09	21.03		
10	16QAM	50	0	21.25	21.14	20.98		
10	64QAM	1	0	20.96	21.26	21.06	22	2
10	64QAM	1	25	20.43	21.15	21.04		
10	64QAM	1	49	20.78	20.70	21.11		
10	64QAM	25	0	19.56	20.19	20.05	21	3
10	64QAM	25	12	19.44	20.20	20.04		
10	64QAM	25	25	19.50	19.80	19.84		
10	64QAM	50	0	19.53	20.19	20.01		
10	256QAM	1	0	18.79	18.41	18.33	19	5
10	256QAM	1	25	18.80	18.53	18.55		
10	256QAM	1	49	18.94	18.68	18.52		
10	256QAM	25	0	18.71	18.42	18.32	19	5
10	256QAM	25	12	18.62	18.44	18.44		
10	256QAM	25	25	18.61	18.34	18.51		
10	256QAM	50	0	18.69	18.50	18.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.08	22.83	22.77	24	0
5	QPSK	1	12	23.08	22.83	22.77		
5	QPSK	1	24	23.07	22.81	22.69		
5	QPSK	12	0	22.31	22.09	22.01	23	1
5	QPSK	12	7	22.30	22.10	22.03		
5	QPSK	12	13	22.28	22.07	21.99		
5	QPSK	25	0	22.31	22.07	21.99		
5	16QAM	1	0	22.61	22.39	22.31	23	1
5	16QAM	1	12	22.42	22.28	22.25		
5	16QAM	1	24	22.41	22.36	22.20		
5	16QAM	12	0	21.34	21.15	21.02	22	2
5	16QAM	12	7	21.32	21.11	21.05		
5	16QAM	12	13	21.27	21.09	21.02		
5	16QAM	25	0	21.31	21.19	21.05		
5	64QAM	1	0	20.75	21.32	21.10	22	2
5	64QAM	1	12	20.35	21.20	20.71		
5	64QAM	1	24	20.36	20.95	20.05		
5	64QAM	12	0	19.44	20.14	19.74	21	3
5	64QAM	12	7	19.35	20.15	19.65		
5	64QAM	12	13	19.28	19.93	19.67		
5	64QAM	25	0	19.32	20.13	19.65		
5	256QAM	1	0	18.88	18.53	18.49	19	5
5	256QAM	1	12	18.76	18.67	18.62		
5	256QAM	1	24	18.85	18.52	18.64		
5	256QAM	12	0	18.71	18.34	18.46	19	5
5	256QAM	12	7	18.81	18.43	18.59		
5	256QAM	12	13	18.76	18.41	18.42		
5	256QAM	25	0	18.72	18.45	18.44		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	22.82	22.71	24	0
3	QPSK	1	8	23.13	22.87	22.75		
3	QPSK	1	14	23.01	22.79	22.71		
3	QPSK	8	0	22.30	22.04	22.02	23	1
3	QPSK	8	4	22.28	22.13	22.06		
3	QPSK	8	7	22.29	22.08	21.96		
3	QPSK	15	0	22.29	22.08	22.00		
3	16QAM	1	0	22.64	22.26	22.24	23	1
3	16QAM	1	8	22.52	22.36	22.30		
3	16QAM	1	14	22.43	22.30	22.14		
3	16QAM	8	0	21.36	21.14	21.01	22	2
3	16QAM	8	4	21.41	21.15	21.05		
3	16QAM	8	7	21.30	21.08	21.01		
3	16QAM	15	0	21.29	21.09	21.01		
3	64QAM	1	0	20.60	21.31	20.72	22	2
3	64QAM	1	8	20.49	21.24	20.78		
3	64QAM	1	14	20.42	21.04	20.90		
3	64QAM	8	0	19.45	20.12	19.57	21	3
3	64QAM	8	4	19.41	20.13	19.63		
3	64QAM	8	7	19.34	20.00	19.64		
3	64QAM	15	0	19.36	20.11	19.60		
3	256QAM	1	0	18.80	18.56	18.59	19	5
3	256QAM	1	8	18.92	18.70	18.52		
3	256QAM	1	14	18.72	18.46	18.49		
3	256QAM	8	0	18.69	18.42	18.41	19	5
3	256QAM	8	4	18.71	18.33	18.37		
3	256QAM	8	7	18.70	18.38	18.44		
3	256QAM	15	0	18.61	18.32	18.32		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.91	22.72	22.60	24	0
1.4	QPSK	1	3	23.00	22.74	22.72		
1.4	QPSK	1	5	22.89	22.69	22.57		
1.4	QPSK	3	0	22.96	22.75	22.65		
1.4	QPSK	3	1	23.00	22.82	22.72		
1.4	QPSK	3	3	23.00	22.75	22.68		
1.4	QPSK	6	0	22.22	21.98	21.92	24	0
1.4	16QAM	1	0	22.48	22.26	22.15	24	0
1.4	16QAM	1	3	22.58	22.33	22.22		
1.4	16QAM	1	5	22.49	22.33	22.13		
1.4	16QAM	3	0	22.24	22.03	21.94		
1.4	16QAM	3	1	22.27	22.02	21.91		
1.4	16QAM	3	3	22.22	21.98	21.97		
1.4	16QAM	6	0	21.30	21.07	20.97	24	0
1.4	64QAM	1	0	20.50	21.23	20.59	24	0
1.4	64QAM	1	3	20.56	21.29	20.78		
1.4	64QAM	1	5	20.37	21.09	20.79		
1.4	64QAM	3	0	20.51	21.24	20.67		
1.4	64QAM	3	1	20.57	21.23	20.75		
1.4	64QAM	3	3	20.44	21.14	20.74		
1.4	64QAM	6	0	19.33	20.02	19.54	23	1
1.4	256QAM	1	0	18.74	18.33	18.36	21	3
1.4	256QAM	1	3	18.77	18.40	18.53		
1.4	256QAM	1	5	18.76	18.46	18.55		
1.4	256QAM	3	0	18.61	18.31	18.37		
1.4	256QAM	3	1	18.86	18.33	18.41		
1.4	256QAM	3	3	18.67	18.40	18.33		
1.4	256QAM	6	0	18.71	18.17	18.21	21	3

Band 2_ANT 2 DSI2 Sim-Tx

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	19.42	19.30	19.23	20.5	0
20	QPSK	1	49	19.34	19.23	19.20		
20	QPSK	1	99	19.18	19.12	19.14		
20	QPSK	50	0	19.35	19.31	19.21	20.5	0
20	QPSK	50	24	19.30	19.30	19.20		
20	QPSK	50	50	19.24	19.24	19.22		
20	QPSK	100	0	19.32	19.30	19.24		
20	16QAM	1	0	19.38	19.27	19.17	20.5	0
20	16QAM	1	49	19.27	19.21	19.14		
20	16QAM	1	99	19.21	19.41	19.41		
20	16QAM	50	0	19.16	19.33	19.20	20.5	0
20	16QAM	50	24	19.13	19.33	19.22		
20	16QAM	50	50	19.26	19.26	19.25		
20	16QAM	100	0	19.31	19.29	19.21		
20	64QAM	1	0	19.21	19.35	19.33	20.5	0
20	64QAM	1	49	19.13	19.36	19.31		
20	64QAM	1	99	19.28	19.24	19.26		
20	64QAM	50	0	19.15	19.34	19.24	20.5	0
20	64QAM	50	24	19.41	19.31	19.22		
20	64QAM	50	50	19.25	19.27	19.30		
20	64QAM	100	0	19.33	19.33	19.23		
20	256QAM	1	0	17.51	17.38	17.29	19	1.5
20	256QAM	1	49	17.44	17.32	17.26		
20	256QAM	1	99	17.28	17.17	17.23		
20	256QAM	50	0	17.40	17.40	17.27	19	1.5
20	256QAM	50	24	17.38	17.38	17.30		
20	256QAM	50	50	17.34	17.30	17.27		
20	256QAM	100	0	17.40	17.36	17.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.34	19.32	19.15	20.5	0
15	QPSK	1	37	19.31	19.20	19.14		
15	QPSK	1	74	19.13	19.13	19.06		
15	QPSK	36	0	19.35	19.29	19.14	20.5	0
15	QPSK	36	20	19.26	19.31	19.20		
15	QPSK	36	39	19.24	19.17	19.16		
15	QPSK	75	0	19.31	19.32	19.18		
15	16QAM	1	0	19.34	19.28	19.09	20.5	0
15	16QAM	1	37	19.20	19.13	19.08		
15	16QAM	1	74	19.23	19.39	19.33		
15	16QAM	36	0	19.18	19.31	19.21	20.5	0
15	16QAM	36	20	19.08	19.30	19.15		
15	16QAM	36	39	19.18	19.21	19.18		
15	16QAM	75	0	19.26	19.29	19.18		
15	64QAM	1	0	19.13	19.35	19.29	20.5	0
15	64QAM	1	37	19.08	19.35	19.23		
15	64QAM	1	74	19.30	19.23	19.20		
15	64QAM	36	0	19.08	19.35	19.24	20.5	0
15	64QAM	36	20	19.39	19.24	19.16		
15	64QAM	36	39	19.24	19.19	19.23		
15	64QAM	75	0	19.25	19.27	19.22		
15	256QAM	1	0	17.49	17.38	17.23	19	1.5
15	256QAM	1	37	17.37	17.26	17.18		
15	256QAM	1	74	17.27	17.13	17.17		
15	256QAM	36	0	17.36	17.38	17.26	19	1.5
15	256QAM	36	20	17.34	17.40	17.31		
15	256QAM	36	39	17.28	17.28	17.24		
15	256QAM	75	0	17.34	17.33	17.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.39	19.32	19.21	20.5	0
10	QPSK	1	25	19.28	19.20	19.15		
10	QPSK	1	49	19.10	19.06	19.10		
10	QPSK	25	0	19.29	19.27	19.20	20.5	0
10	QPSK	25	12	19.23	19.31	19.16		
10	QPSK	25	25	19.22	19.23	19.23		
10	QPSK	50	0	19.24	19.28	19.20		
10	16QAM	1	0	19.40	19.25	19.14	20.5	0
10	16QAM	1	25	19.29	19.16	19.08		
10	16QAM	1	49	19.16	19.33	19.42		
10	16QAM	25	0	19.15	19.25	19.16	20.5	0
10	16QAM	25	12	19.12	19.31	19.14		
10	16QAM	25	25	19.27	19.26	19.21		
10	16QAM	50	0	19.32	19.31	19.14		
10	64QAM	1	0	19.18	19.28	19.25	20.5	0
10	64QAM	1	25	19.12	19.32	19.26		
10	64QAM	1	49	19.20	19.17	19.21		
10	64QAM	25	0	19.17	19.31	19.16	20.5	0
10	64QAM	25	12	19.39	19.33	19.24		
10	64QAM	25	25	19.21	19.29	19.29		
10	64QAM	50	0	19.26	19.27	19.22		
10	256QAM	1	0	17.48	17.33	17.31	19	1.5
10	256QAM	1	25	17.37	17.34	17.28		
10	256QAM	1	49	17.28	17.13	17.22		
10	256QAM	25	0	17.32	17.34	17.20	19	1.5
10	256QAM	25	12	17.40	17.35	17.22		
10	256QAM	25	25	17.33	17.23	17.22		
10	256QAM	50	0	17.36	17.34	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.41	19.30	19.17	20.5	0
5	QPSK	1	12	19.34	19.22	19.15		
5	QPSK	1	24	19.18	19.09	19.15		
5	QPSK	12	0	19.28	19.25	19.23	20.5	0
5	QPSK	12	7	19.27	19.24	19.15		
5	QPSK	12	13	19.22	19.18	19.14		
5	QPSK	25	0	19.27	19.28	19.17		
5	16QAM	1	0	19.32	19.23	19.10	20.5	0
5	16QAM	1	12	19.20	19.20	19.15		
5	16QAM	1	24	19.14	19.42	19.39		
5	16QAM	12	0	19.17	19.27	19.16	20.5	0
5	16QAM	12	7	19.13	19.26	19.21		
5	16QAM	12	13	19.27	19.19	19.20		
5	16QAM	25	0	19.26	19.25	19.19		
5	64QAM	1	0	19.16	19.31	19.30	20.5	0
5	64QAM	1	12	19.13	19.35	19.26		
5	64QAM	1	24	19.23	19.18	19.20		
5	64QAM	12	0	19.08	19.31	19.24	20.5	0
5	64QAM	12	7	19.38	19.30	19.23		
5	64QAM	12	13	19.17	19.19	19.23		
5	64QAM	25	0	19.33	19.30	19.20		
5	256QAM	1	0	17.53	17.34	17.21	19	1.5
5	256QAM	1	12	17.42	17.25	17.20		
5	256QAM	1	24	17.29	17.18	17.24		
5	256QAM	12	0	17.33	17.37	17.27	19	1.5
5	256QAM	12	7	17.33	17.33	17.32		
5	256QAM	12	13	17.26	17.28	17.27		
5	256QAM	25	0	17.39	17.29	17.31		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.39	19.24	19.19	20.5	0
3	QPSK	1	8	19.35	19.18	19.12		
3	QPSK	1	14	19.16	19.10	19.08		
3	QPSK	8	0	19.27	19.28	19.19	20.5	0
3	QPSK	8	4	19.30	19.26	19.14		
3	QPSK	8	7	19.22	19.16	19.20		
3	QPSK	15	0	19.33	19.28	19.21		
3	16QAM	1	0	19.31	19.26	19.12	20.5	0
3	16QAM	1	8	19.21	19.21	19.16		
3	16QAM	1	14	19.13	19.34	19.40		
3	16QAM	8	0	19.12	19.27	19.14	20.5	0
3	16QAM	8	4	19.13	19.25	19.24		
3	16QAM	8	7	19.25	19.22	19.17		
3	16QAM	15	0	19.33	19.26	19.13		
3	64QAM	1	0	19.18	19.31	19.27	20.5	0
3	64QAM	1	8	19.08	19.28	19.27		
3	64QAM	1	14	19.20	19.19	19.28		
3	64QAM	8	0	19.15	19.34	19.24	20.5	0
3	64QAM	8	4	19.42	19.28	19.14		
3	64QAM	8	7	19.19	19.29	19.23		
3	64QAM	15	0	19.26	19.34	19.23		
3	256QAM	1	0	17.49	17.38	17.28	19	1.5
3	256QAM	1	8	17.43	17.27	17.23		
3	256QAM	1	14	17.27	17.18	17.18		
3	256QAM	8	0	17.34	17.32	17.28	19	1.5
3	256QAM	8	4	17.36	17.38	17.30		
3	256QAM	8	7	17.26	17.22	17.29		
3	256QAM	15	0	17.39	17.36	17.33		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.40	19.29	19.23	20.5	0
1.4	QPSK	1	3	19.30	19.22	19.17		
1.4	QPSK	1	5	19.13	19.14	19.11		
1.4	QPSK	3	0	19.27	19.32	19.13		
1.4	QPSK	3	1	19.25	19.23	19.19		
1.4	QPSK	3	3	19.18	19.21	19.17		
1.4	QPSK	6	0	19.25	19.30	19.19	20.5	0
1.4	16QAM	1	0	19.33	19.29	19.12	20.5	0
1.4	16QAM	1	3	19.21	19.19	19.15		
1.4	16QAM	1	5	19.17	19.34	19.38		
1.4	16QAM	3	0	19.16	19.26	19.16		
1.4	16QAM	3	1	19.09	19.32	19.15		
1.4	16QAM	3	3	19.23	19.21	19.18		
1.4	16QAM	6	0	19.30	19.26	19.23	20.5	0
1.4	64QAM	1	0	19.21	19.34	19.32	20.5	0
1.4	64QAM	1	3	19.12	19.34	19.26		
1.4	64QAM	1	5	19.30	19.17	19.27		
1.4	64QAM	3	0	19.16	19.31	19.24		
1.4	64QAM	3	1	19.37	19.33	19.19		
1.4	64QAM	3	3	19.25	19.24	19.31		
1.4	64QAM	6	0	19.25	19.26	19.22	20.5	0
1.4	256QAM	1	0	17.46	17.33	17.27	19	1.5
1.4	256QAM	1	3	17.40	17.27	17.24		
1.4	256QAM	1	5	17.20	17.16	17.17		
1.4	256QAM	3	0	17.35	17.38	17.21		
1.4	256QAM	3	1	17.35	17.34	17.25		
1.4	256QAM	3	3	17.27	17.32	17.24		
1.4	256QAM	6	0	17.37	17.36	17.23	19	1.5

Band 4_ANT 2 DSI2 Sim-Tx

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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.45	20.47	20.46	21.5	0
20	QPSK	1	49	20.34	20.28	20.17		
20	QPSK	1	99	20.21	20.38	20.18		
20	QPSK	50	0	20.25	20.38	20.27	21.5	0
20	QPSK	50	24	20.18	20.34	20.26		
20	QPSK	50	50	20.14	20.18	20.25		
20	QPSK	100	0	20.35	20.36	20.25		
20	16QAM	1	0	20.29	20.21	20.29	21.5	0
20	16QAM	1	49	20.20	20.15	20.36		
20	16QAM	1	99	20.14	20.29	20.41		
20	16QAM	50	0	19.94	19.87	20.00	21.5	0
20	16QAM	50	24	19.90	19.85	20.07		
20	16QAM	50	50	19.73	19.87	20.11		
20	16QAM	100	0	19.90	19.84	20.09		
20	64QAM	1	0	20.08	20.11	20.04	21.5	0
20	64QAM	1	49	19.97	19.91	20.11		
20	64QAM	1	99	19.78	20.05	20.17		
20	64QAM	50	0	19.46	19.38	19.52	21	0.5
20	64QAM	50	24	19.42	19.38	19.60		
20	64QAM	50	50	19.23	19.38	19.60		
20	64QAM	100	0	19.39	19.36	19.54		
20	256QAM	1	0	16.85	16.92	16.92	18	3.5
20	256QAM	1	49	16.74	16.77	16.64		
20	256QAM	1	99	16.69	16.78	16.59		
20	256QAM	50	0	16.74	16.86	16.76	18	3.5
20	256QAM	50	24	16.66	16.81	16.71		
20	256QAM	50	50	16.63	16.59	16.69		
20	256QAM	100	0	16.75	16.85	16.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.43	20.45	20.43	21.5	0
15	QPSK	1	37	20.34	20.26	20.11		
15	QPSK	1	74	20.20	20.37	20.18		
15	QPSK	36	0	20.25	20.38	20.21	21.5	0
15	QPSK	36	20	20.17	20.27	20.27		
15	QPSK	36	39	20.12	20.11	20.24		
15	QPSK	75	0	20.30	20.37	20.18		
15	16QAM	1	0	20.24	20.18	20.26	21.5	0
15	16QAM	1	37	20.14	20.10	20.30		
15	16QAM	1	74	20.07	20.21	20.42		
15	16QAM	36	0	19.87	19.83	19.96	21.5	0
15	16QAM	36	20	19.83	19.83	20.06		
15	16QAM	36	39	19.71	19.83	20.11		
15	16QAM	75	0	19.83	19.77	20.09		
15	64QAM	1	0	20.02	20.10	20.05	21.5	0
15	64QAM	1	37	19.96	19.91	20.12		
15	64QAM	1	74	19.80	20.03	20.09		
15	64QAM	36	0	19.40	19.34	19.48	21	0.5
15	64QAM	36	20	19.40	19.40	19.62		
15	64QAM	36	39	19.15	19.32	19.62		
15	64QAM	75	0	19.33	19.34	19.56		
15	256QAM	1	0	16.87	16.88	16.88	18	3.5
15	256QAM	1	37	16.70	16.69	16.62		
15	256QAM	1	74	16.66	16.75	16.57		
15	256QAM	36	0	16.74	16.83	16.68	18	3.5
15	256QAM	36	20	16.59	16.82	16.65		
15	256QAM	36	39	16.57	16.52	16.66		
15	256QAM	75	0	16.77	16.77	16.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.42	20.44	20.43	21.5	0
10	QPSK	1	25	20.33	20.27	20.10		
10	QPSK	1	49	20.21	20.37	20.14		
10	QPSK	25	0	20.19	20.33	20.19	21.5	0
10	QPSK	25	12	20.10	20.29	20.20		
10	QPSK	25	25	20.08	20.11	20.22		
10	QPSK	50	0	20.29	20.37	20.26		
10	16QAM	1	0	20.23	20.19	20.22	21.5	0
10	16QAM	1	25	20.13	20.16	20.35		
10	16QAM	1	49	20.09	20.24	20.34		
10	16QAM	25	0	19.94	19.88	19.94	21.5	0
10	16QAM	25	12	19.86	19.78	20.03		
10	16QAM	25	25	19.74	19.83	20.07		
10	16QAM	50	0	19.91	19.86	20.04		
10	64QAM	1	0	20.09	20.10	20.04	21.5	0
10	64QAM	1	25	19.90	19.87	20.05		
10	64QAM	1	49	19.70	20.03	20.15		
10	64QAM	25	0	19.43	19.37	19.48	21	0.5
10	64QAM	25	12	19.38	19.30	19.62		
10	64QAM	25	25	19.17	19.38	19.57		
10	64QAM	50	0	19.32	19.32	19.47		
10	256QAM	1	0	16.82	16.92	16.84	18	3.5
10	256QAM	1	25	16.68	16.71	16.57		
10	256QAM	1	49	16.65	16.77	16.57		
10	256QAM	25	0	16.71	16.82	16.76	18	3.5
10	256QAM	25	12	16.66	16.73	16.69		
10	256QAM	25	25	16.56	16.51	16.69		
10	256QAM	50	0	16.77	16.83	16.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.38	20.42	20.45	21.5	0
5	QPSK	1	12	20.30	20.28	20.09		
5	QPSK	1	24	20.23	20.39	20.18		
5	QPSK	12	0	20.23	20.38	20.24	21.5	0
5	QPSK	12	7	20.11	20.30	20.25		
5	QPSK	12	13	20.06	20.10	20.21		
5	QPSK	25	0	20.31	20.38	20.20		
5	16QAM	1	0	20.31	20.23	20.30	21.5	0
5	16QAM	1	12	20.16	20.15	20.37		
5	16QAM	1	24	20.07	20.29	20.43		
5	16QAM	12	0	19.94	19.82	19.95	21.5	0
5	16QAM	12	7	19.87	19.79	20.08		
5	16QAM	12	13	19.70	19.81	20.04		
5	16QAM	25	0	19.90	19.85	20.05		
5	64QAM	1	0	20.06	20.03	20.04	21.5	0
5	64QAM	1	12	19.89	19.83	20.09		
5	64QAM	1	24	19.79	20.04	20.15		
5	64QAM	12	0	19.42	19.37	19.50	21	0.5
5	64QAM	12	7	19.35	19.31	19.59		
5	64QAM	12	13	19.15	19.36	19.60		
5	64QAM	25	0	19.32	19.33	19.49		
5	256QAM	1	0	16.87	16.87	16.92	18	3.5
5	256QAM	1	12	16.72	16.70	16.61		
5	256QAM	1	24	16.65	16.77	16.55		
5	256QAM	12	0	16.74	16.81	16.73	18	3.5
5	256QAM	12	7	16.64	16.74	16.64		
5	256QAM	12	13	16.60	16.57	16.62		
5	256QAM	25	0	16.74	16.82	16.70		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.46	20.43	20.45	21.5	0
3	QPSK	1	8	20.29	20.23	20.16		
3	QPSK	1	14	20.15	20.32	20.13		
3	QPSK	8	0	20.25	20.38	20.22	21.5	0
3	QPSK	8	4	20.13	20.30	20.19		
3	QPSK	8	7	20.13	20.17	20.24		
3	QPSK	15	0	20.29	20.28	20.27		
3	16QAM	1	0	20.30	20.17	20.30	21.5	0
3	16QAM	1	8	20.22	20.09	20.34		
3	16QAM	1	14	20.06	20.31	20.41		
3	16QAM	8	0	19.93	19.83	20.01	21.5	0
3	16QAM	8	4	19.89	19.78	20.06		
3	16QAM	8	7	19.71	19.81	20.04		
3	16QAM	15	0	19.82	19.84	20.07		
3	64QAM	1	0	20.07	20.11	19.99	21.5	0
3	64QAM	1	8	19.95	19.86	20.03		
3	64QAM	1	14	19.79	20.02	20.16		
3	64QAM	8	0	19.39	19.33	19.52	21	0.5
3	64QAM	8	4	19.44	19.33	19.62		
3	64QAM	8	7	19.20	19.30	19.53		
3	64QAM	15	0	19.38	19.28	19.50		
3	256QAM	1	0	16.86	16.87	16.93	18	3.5
3	256QAM	1	8	16.68	16.75	16.63		
3	256QAM	1	14	16.70	16.73	16.54		
3	256QAM	8	0	16.72	16.83	16.73	18	3.5
3	256QAM	8	4	16.66	16.80	16.67		
3	256QAM	8	7	16.62	16.59	16.70		
3	256QAM	15	0	16.69	16.83	16.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.46	20.40	20.42	21.5	0
1.4	QPSK	1	3	20.33	20.21	20.13		
1.4	QPSK	1	5	20.22	20.30	20.10		
1.4	QPSK	3	0	20.26	20.35	20.19		
1.4	QPSK	3	1	20.12	20.26	20.23		
1.4	QPSK	3	3	20.10	20.20	20.25		
1.4	QPSK	6	0	20.35	20.30	20.25	21.5	0
1.4	16QAM	1	0	20.25	20.20	20.26	21.5	0
1.4	16QAM	1	3	20.17	20.07	20.31		
1.4	16QAM	1	5	20.06	20.31	20.35		
1.4	16QAM	3	0	19.94	19.79	19.95		
1.4	16QAM	3	1	19.92	19.85	20.06		
1.4	16QAM	3	3	19.70	19.85	20.05		
1.4	16QAM	6	0	19.83	19.84	20.05	21.5	0
1.4	64QAM	1	0	20.08	20.10	19.98	21.5	0
1.4	64QAM	1	3	19.94	19.88	20.11		
1.4	64QAM	1	5	19.79	20.06	20.18		
1.4	64QAM	3	0	20.08	20.07	20.21		
1.4	64QAM	3	1	20.10	20.06	20.24		
1.4	64QAM	3	3	19.88	20.02	20.30		
1.4	64QAM	6	0	20.08	20.07	20.23	21.5	0
1.4	256QAM	1	0	16.78	16.85	16.88	18	3.5
1.4	256QAM	1	3	16.68	16.72	16.59		
1.4	256QAM	1	5	16.64	16.75	16.59		
1.4	256QAM	3	0	16.75	16.80	16.70		
1.4	256QAM	3	1	16.65	16.79	16.65		
1.4	256QAM	3	3	16.58	16.57	16.62		
1.4	256QAM	6	0	16.70	16.85	16.73	18	3.5

Band 5_ANT 2 DSI2 Sim-Tx

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.37	20.39	20.36	21.5	0
10	QPSK	1	25	19.98	20.30	20.26		
10	QPSK	1	49	20.30	20.12	20.15		
10	QPSK	25	0	20.28	20.29	20.26	21.5	0
10	QPSK	25	12	20.22	20.24	20.24		
10	QPSK	25	25	20.26	20.23	20.25		
10	QPSK	50	0	20.23	20.25	20.20		
10	16QAM	1	0	20.21	20.27	20.35	21.5	0
10	16QAM	1	25	20.24	20.21	20.18		
10	16QAM	1	49	20.21	20.36	20.25		
10	16QAM	25	0	20.37	20.24	20.31	21.5	0
10	16QAM	25	12	20.27	20.38	20.23		
10	16QAM	25	25	20.21	20.37	20.28		
10	16QAM	50	0	20.24	20.32	20.25		
10	64QAM	1	0	20.27	20.21	20.29	21.5	0
10	64QAM	1	25	20.34	20.22	20.27		
10	64QAM	1	49	20.22	20.29	20.37		
10	64QAM	25	0	20.10	20.05	19.92	21	0.5
10	64QAM	25	12	20.11	20.01	19.99		
10	64QAM	25	25	20.08	20.01	19.83		
10	64QAM	50	0	20.11	19.98	19.98		
10	256QAM	1	0	17.64	17.65	17.58	19	2.5
10	256QAM	1	25	17.26	17.56	17.50		
10	256QAM	1	49	17.58	17.33	17.35		
10	256QAM	25	0	17.52	17.58	17.48	19	2.5
10	256QAM	25	12	17.48	17.56	17.61		
10	256QAM	25	25	17.58	17.62	17.50		
10	256QAM	50	0	17.51	17.55	17.48		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.35	20.38	20.30	21.5	0
5	QPSK	1	12	19.91	20.24	20.18		
5	QPSK	1	24	20.26	20.07	20.12		
5	QPSK	12	0	20.25	20.23	20.20	21.5	0
5	QPSK	12	7	20.21	20.28	20.30		
5	QPSK	12	13	20.34	20.30	20.25		
5	QPSK	25	0	20.24	20.25	20.16		
5	16QAM	1	0	20.13	20.21	20.29	21.5	0
5	16QAM	1	12	20.20	20.14	20.17		
5	16QAM	1	24	20.16	20.36	20.25		
5	16QAM	12	0	20.37	20.17	20.29	21.5	0
5	16QAM	12	7	20.23	20.36	20.15		
5	16QAM	12	13	20.15	20.37	20.21		
5	16QAM	25	0	20.19	20.26	20.21		
5	64QAM	1	0	20.26	20.15	20.26	21.5	0
5	64QAM	1	12	20.26	20.23	20.24		
5	64QAM	1	24	20.17	20.30	20.38		
5	64QAM	12	0	20.08	20.00	19.85	21	0.5
5	64QAM	12	7	20.07	19.93	19.99		
5	64QAM	12	13	20.07	20.01	19.77		
5	64QAM	25	0	20.09	19.99	19.98		
5	256QAM	1	0	17.56	17.65	17.51	19	2.5
5	256QAM	1	12	17.19	17.56	17.50		
5	256QAM	1	24	17.56	17.30	17.29		
5	256QAM	12	0	17.50	17.57	17.44	19	2.5
5	256QAM	12	7	17.47	17.48	17.57		
5	256QAM	12	13	17.55	17.54	17.50		
5	256QAM	25	0	17.44	17.56	17.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.32	20.36	20.30	21.5	0
3	QPSK	1	8	19.90	20.25	20.24		
3	QPSK	1	14	20.31	20.09	20.11		
3	QPSK	8	0	20.27	20.26	20.27	21.5	0
3	QPSK	8	4	20.22	20.29	20.36		
3	QPSK	8	7	20.30	20.29	20.27		
3	QPSK	15	0	20.16	20.17	20.13		
3	16QAM	1	0	20.18	20.20	20.27	21.5	0
3	16QAM	1	8	20.16	20.15	20.14		
3	16QAM	1	14	20.19	20.28	20.21		
3	16QAM	8	0	20.35	20.22	20.28	21.5	0
3	16QAM	8	4	20.28	20.33	20.22		
3	16QAM	8	7	20.21	20.32	20.21		
3	16QAM	15	0	20.18	20.24	20.26		
3	64QAM	1	0	20.19	20.21	20.21	21.5	0
3	64QAM	1	8	20.27	20.14	20.20		
3	64QAM	1	14	20.20	20.28	20.29		
3	64QAM	8	0	20.07	20.06	19.88	21	0.5
3	64QAM	8	4	20.04	20.02	19.98		
3	64QAM	8	7	20.02	19.97	19.79		
3	64QAM	15	0	20.05	19.99	19.91		
3	256QAM	1	0	17.57	17.60	17.55	19	2.5
3	256QAM	1	8	17.23	17.50	17.48		
3	256QAM	1	14	17.54	17.27	17.34		
3	256QAM	8	0	17.52	17.59	17.46	19	2.5
3	256QAM	8	4	17.49	17.49	17.54		
3	256QAM	8	7	17.54	17.58	17.43		
3	256QAM	15	0	17.45	17.52	17.42		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.35	20.37	20.32	21.5	0
1.4	QPSK	1	3	19.99	20.22	20.25		
1.4	QPSK	1	5	20.23	20.09	20.14		
1.4	QPSK	3	0	20.22	20.27	20.23		
1.4	QPSK	3	1	20.20	20.32	20.39		
1.4	QPSK	3	3	20.34	20.30	20.25		
1.4	QPSK	6	0	20.23	20.21	20.14	21.5	0
1.4	16QAM	1	0	20.15	20.24	20.34	21.5	0
1.4	16QAM	1	3	20.22	20.14	20.11		
1.4	16QAM	1	5	20.20	20.30	20.21		
1.4	16QAM	3	0	20.38	20.23	20.32		
1.4	16QAM	3	1	20.23	20.32	20.17		
1.4	16QAM	3	3	20.20	20.38	20.20		
1.4	16QAM	6	0	20.22	20.29	20.23	21.5	0
1.4	64QAM	1	0	20.25	20.17	20.23	21.5	0
1.4	64QAM	1	3	20.28	20.21	20.24		
1.4	64QAM	1	5	20.20	20.25	20.29		
1.4	64QAM	3	0	20.28	20.25	20.09		
1.4	64QAM	3	1	20.29	20.14	20.18		
1.4	64QAM	3	3	20.23	20.14	20.02		
1.4	64QAM	6	0	20.07	19.90	19.90	21	0.5
1.4	256QAM	1	0	17.56	17.59	17.58	19	2.5
1.4	256QAM	1	3	17.18	17.53	17.47		
1.4	256QAM	1	5	17.50	17.34	17.32		
1.4	256QAM	3	0	17.45	17.57	17.41		
1.4	256QAM	3	1	17.42	17.55	17.56		
1.4	256QAM	3	3	17.53	17.60	17.49		
1.4	256QAM	6	0	17.43	17.47	17.49	19	2.5

Band 12_ANT 2 DSI2 Sim-Tx

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		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.74	21.79	21.77	22.5	0
10	QPSK	1	25	21.73	21.75	21.72		
10	QPSK	1	49	21.70	21.77	21.76		
10	QPSK	25	0	20.57	20.59	20.58	21.5	1
10	QPSK	25	12	20.37	20.42	20.39		
10	QPSK	25	25	20.33	20.37	20.36		
10	QPSK	50	0	20.40	20.45	20.35		
10	16QAM	1	0	20.60	20.63	20.63	21.5	1
10	16QAM	1	25	20.79	20.78	20.77		
10	16QAM	1	49	20.58	20.69	20.55		
10	16QAM	25	0	19.77	19.81	19.77	20.5	2
10	16QAM	25	12	19.72	19.76	19.74		
10	16QAM	25	25	19.68	19.71	19.73		
10	16QAM	50	0	19.73	19.74	19.73		
10	64QAM	1	0	19.85	19.86	19.83	20.5	2
10	64QAM	1	25	19.76	19.78	19.78		
10	64QAM	1	49	19.50	19.56	19.55		
10	64QAM	25	0	18.86	18.87	18.82	19.5	3
10	64QAM	25	12	18.83	18.85	18.80		
10	64QAM	25	25	18.75	18.75	18.74		
10	64QAM	50	0	18.80	18.83	18.84		
10	256QAM	1	0	16.86	16.94	16.88	18	4.5
10	256QAM	1	25	16.84	16.85	16.85		
10	256QAM	1	49	16.85	16.90	16.91		
10	256QAM	25	0	16.67	16.72	16.73	18	4.5
10	256QAM	25	12	16.51	16.52	16.51		
10	256QAM	25	25	16.43	16.51	16.47		
10	256QAM	50	0	16.51	16.55	16.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.73	21.77	21.69	22.5	0
5	QPSK	1	12	21.69	21.68	21.69		
5	QPSK	1	24	21.71	21.70	21.69		
5	QPSK	12	0	20.54	20.69	20.53	21.5	1
5	QPSK	12	7	20.35	20.34	20.33		
5	QPSK	12	13	20.33	20.35	20.34		
5	QPSK	25	0	20.37	20.38	20.33		
5	16QAM	1	0	20.59	20.59	20.56	21.5	1
5	16QAM	1	12	20.71	20.70	20.69		
5	16QAM	1	24	20.54	20.52	20.56		
5	16QAM	12	0	19.72	19.78	19.75	20.5	2
5	16QAM	12	7	19.73	19.77	19.72		
5	16QAM	12	13	19.67	19.65	19.72		
5	16QAM	25	0	19.73	19.75	19.68		
5	64QAM	1	0	19.82	19.85	19.82	20.5	2
5	64QAM	1	12	19.76	19.79	19.70		
5	64QAM	1	24	19.44	19.52	19.48		
5	64QAM	12	0	18.82	18.81	18.78	19.5	3
5	64QAM	12	7	18.79	18.85	18.73		
5	64QAM	12	13	18.67	18.72	18.68		
5	64QAM	25	0	18.79	18.80	18.82		
5	256QAM	1	0	16.85	16.93	16.81	18	4.5
5	256QAM	1	12	16.79	16.86	16.82		
5	256QAM	1	24	16.77	16.90	16.87		
5	256QAM	12	0	16.62	16.64	16.68	18	4.5
5	256QAM	12	7	16.48	16.50	16.51		
5	256QAM	12	13	16.40	16.48	16.41		
5	256QAM	25	0	16.46	16.54	16.40		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.60	21.73	22.5	0
3	QPSK	1	8	21.65	21.67	21.72		
3	QPSK	1	14	21.71	21.76	21.75		
3	QPSK	8	0	20.55	20.54	20.58	21.5	1
3	QPSK	8	4	20.29	20.40	20.37		
3	QPSK	8	7	20.30	20.37	20.28		
3	QPSK	15	0	20.38	20.46	20.32		
3	16QAM	1	0	20.53	20.58	20.61	21.5	1
3	16QAM	1	8	20.71	20.77	20.77		
3	16QAM	1	14	20.50	20.58	20.47		
3	16QAM	8	0	19.70	19.77	19.69	20.5	2
3	16QAM	8	4	19.71	19.68	19.67		
3	16QAM	8	7	19.69	19.67	19.71		
3	16QAM	15	0	19.73	19.71	19.73		
3	64QAM	1	0	19.77	19.89	19.75	20.5	2
3	64QAM	1	8	19.77	19.76	19.75		
3	64QAM	1	14	19.50	19.56	19.50		
3	64QAM	8	0	18.83	18.80	18.82	19.5	3
3	64QAM	8	4	18.79	18.79	18.79		
3	64QAM	8	7	18.70	18.74	18.67		
3	64QAM	15	0	18.78	18.80	18.77		
3	256QAM	1	0	16.87	16.92	16.80	18	4.5
3	256QAM	1	8	16.85	16.86	16.79		
3	256QAM	1	14	16.86	16.82	16.91		
3	256QAM	8	0	16.68	16.68	16.65	18	4.5
3	256QAM	8	4	16.52	16.53	16.52		
3	256QAM	8	7	16.38	16.45	16.42		
3	256QAM	15	0	16.43	16.53	16.40		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.73	21.76	21.73	22.5	0
1.4	QPSK	1	3	21.71	21.72	21.65		
1.4	QPSK	1	5	21.68	21.71	21.72		
1.4	QPSK	3	0	21.56	21.55	21.54		
1.4	QPSK	3	1	21.36	21.41	21.31		
1.4	QPSK	3	3	21.28	21.30	21.32		
1.4	QPSK	6	0	20.32	20.43	20.29	21.5	1
1.4	16QAM	1	0	20.59	20.61	20.56	21.5	1
1.4	16QAM	1	3	20.80	20.73	20.70		
1.4	16QAM	1	5	20.57	20.52	20.49		
1.4	16QAM	3	0	20.48	20.52	20.44		
1.4	16QAM	3	1	20.34	20.43	20.43		
1.4	16QAM	3	3	20.30	20.39	20.44		
1.4	16QAM	6	0	19.65	19.72	19.74	20.5	2
1.4	64QAM	1	0	19.82	19.87	19.82	20.5	2
1.4	64QAM	1	3	19.71	19.79	19.74		
1.4	64QAM	1	5	19.50	19.57	19.48		
1.4	64QAM	3	0	19.48	19.53	19.44		
1.4	64QAM	3	1	19.51	19.53	19.45		
1.4	64QAM	3	3	19.44	19.43	19.44		
1.4	64QAM	6	0	18.78	18.77	18.84	19.5	3
1.4	256QAM	1	0	16.80	16.90	16.82	18	4.5
1.4	256QAM	1	3	16.79	16.84	16.83		
1.4	256QAM	1	5	16.79	16.90	16.83		
1.4	256QAM	3	0	16.60	16.65	16.72		
1.4	256QAM	3	1	16.48	16.53	16.44		
1.4	256QAM	3	3	16.38	16.47	16.44		
1.4	256QAM	6	0	16.45	16.54	16.44	18	4.5

Band 13_ANT 2 DSI2 Sim-Tx

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)					782			
10	QPSK	1	0		20.85		22	0
10	QPSK	1	25		20.72			
10	QPSK	1	49		20.78			
10	QPSK	25	0		20.81		22	0
10	QPSK	25	12		20.77			
10	QPSK	25	25		20.78			
10	QPSK	50	0		20.77			
10	16QAM	1	0		20.81		22	0
10	16QAM	1	25		20.65			
10	16QAM	1	49		20.83			
10	16QAM	25	0		20.74		22	0
10	16QAM	25	12		20.79			
10	16QAM	25	25		20.83			
10	16QAM	50	0		20.82			
10	64QAM	1	0		20.76		22	0
10	64QAM	1	25		20.64			
10	64QAM	1	49		20.67			
10	64QAM	25	0		19.70		21	1
10	64QAM	25	12		19.79			
10	64QAM	25	25		19.87			
10	64QAM	50	0		19.80			
10	256QAM	1	0		17.71		19	3
10	256QAM	1	25		17.82			
10	256QAM	1	49		17.64			
10	256QAM	25	0		17.71		19	3
10	256QAM	25	12		17.65			
10	256QAM	25	25		17.66			
10	256QAM	50	0		17.62			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.71	20.74	20.84	22	0
5	QPSK	1	12	20.58	20.61	20.72		
5	QPSK	1	24	20.64	20.67	20.77		
5	QPSK	12	0	20.68	20.70	20.80	22	0
5	QPSK	12	7	20.62	20.66	20.77		
5	QPSK	12	13	20.63	20.67	20.78		
5	QPSK	25	0	20.63	20.68	20.76		
5	16QAM	1	0	20.67	20.70	20.79	22	0
5	16QAM	1	12	20.52	20.54	20.63		
5	16QAM	1	24	20.68	20.72	20.81		
5	16QAM	12	0	20.61	20.63	20.72	22	0
5	16QAM	12	7	20.63	20.68	20.77		
5	16QAM	12	13	20.67	20.72	20.82		
5	16QAM	25	0	20.69	20.71	20.82		
5	64QAM	1	0	20.62	20.65	20.74	22	0
5	64QAM	1	12	20.49	20.53	20.64		
5	64QAM	1	24	20.53	20.56	20.66		
5	64QAM	12	0	19.54	19.59	19.70	21	1
5	64QAM	12	7	19.63	19.68	19.79		
5	64QAM	12	13	19.73	19.76	19.85		
5	64QAM	25	0	19.67	19.69	19.79		
5	256QAM	1	0	17.57	17.60	17.71	19	3
5	256QAM	1	12	17.47	17.51	17.60		
5	256QAM	1	24	17.48	17.53	17.64		
5	256QAM	12	0	17.58	17.60	17.71	19	3
5	256QAM	12	7	17.52	17.54	17.63		
5	256QAM	12	13	17.52	17.55	17.66		
5	256QAM	25	0	17.47	17.51	17.62		

Band 66_ANT 2 DSI2 Sim-Tx

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	20.62	20.60	20.55	21.5	0
20	QPSK	1	49	20.35	20.33	20.51		
20	QPSK	1	99	20.31	20.14	20.38		
20	QPSK	50	0	20.43	20.36	20.40	21.5	0
20	QPSK	50	24	20.26	20.25	20.40		
20	QPSK	50	50	20.32	20.30	20.44		
20	QPSK	100	0	20.38	20.35	20.36		
20	16QAM	1	0	20.17	20.50	20.60	21.5	0
20	16QAM	1	49	20.04	20.57	20.38		
20	16QAM	1	99	20.28	20.22	20.55		
20	16QAM	50	0	20.09	20.40	20.26	21.5	0
20	16QAM	50	24	20.26	20.31	20.26		
20	16QAM	50	50	20.21	20.37	20.26		
20	16QAM	100	0	20.21	20.36	20.22		
20	64QAM	1	0	19.92	20.29	20.29	21.5	0
20	64QAM	1	49	20.21	20.54	20.44		
20	64QAM	1	99	20.32	20.37	20.29		
20	64QAM	50	0	19.46	19.86	19.82	21	0.5
20	64QAM	50	24	19.46	19.52	19.85		
20	64QAM	50	50	19.40	19.62	19.89		
20	64QAM	100	0	19.40	19.68	19.75		
20	256QAM	1	0	16.55	16.95	16.85	18	3.5
20	256QAM	1	49	16.66	16.68	16.85		
20	256QAM	1	99	16.65	16.48	16.69		
20	256QAM	50	0	16.76	16.68	16.77	18	3.5
20	256QAM	50	24	16.57	16.59	16.73		
20	256QAM	50	50	16.66	16.65	16.74		
20	256QAM	100	0	16.52	16.70	16.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.57	20.58	20.52	21.5	0
15	QPSK	1	37	20.27	20.34	20.47		
15	QPSK	1	74	20.24	20.15	20.36		
15	QPSK	36	0	20.43	20.28	20.42	21.5	0
15	QPSK	36	20	20.23	20.24	20.34		
15	QPSK	36	39	20.29	20.30	20.39		
15	QPSK	75	0	20.17	20.39	20.47		
15	16QAM	1	0	20.11	20.43	20.53	21.5	0
15	16QAM	1	37	20.04	20.58	20.38		
15	16QAM	1	74	20.20	20.16	20.50		
15	16QAM	36	0	20.02	20.34	20.25	21.5	0
15	16QAM	36	20	20.19	20.29	20.22		
15	16QAM	36	39	20.20	20.31	20.19		
15	16QAM	75	0	20.18	20.33	20.23		
15	64QAM	1	0	19.89	20.30	20.26	21.5	0
15	64QAM	1	37	20.22	20.48	20.40		
15	64QAM	1	74	20.28	20.36	20.25		
15	64QAM	36	0	19.45	19.66	19.77	21	0.5
15	64QAM	36	20	19.40	19.53	19.81		
15	64QAM	36	39	19.34	19.54	19.86		
15	64QAM	75	0	19.39	19.69	19.73		
15	256QAM	1	0	16.91	16.92	16.86	18	3.5
15	256QAM	1	37	16.61	16.64	16.85		
15	256QAM	1	74	16.60	16.41	16.64		
15	256QAM	36	0	16.69	16.69	16.69	18	3.5
15	256QAM	36	20	16.51	16.53	16.73		
15	256QAM	36	39	16.61	16.58	16.68		
15	256QAM	75	0	16.47	16.67	16.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.60	20.53	20.54	21.5	0
10	QPSK	1	25	20.33	20.30	20.52		
10	QPSK	1	49	20.31	20.08	20.39		
10	QPSK	25	0	20.35	20.30	20.43	21.5	0
10	QPSK	25	12	20.19	20.26	20.37		
10	QPSK	25	25	20.25	20.22	20.36		
10	QPSK	50	0	20.19	20.35	20.48		
10	16QAM	1	0	20.10	20.44	20.53	21.5	0
10	16QAM	1	25	20.02	20.55	20.38		
10	16QAM	1	49	20.25	20.20	20.54		
10	16QAM	25	0	20.09	20.36	20.24	21.5	0
10	16QAM	25	12	20.23	20.31	20.18		
10	16QAM	25	25	20.15	20.35	20.23		
10	16QAM	50	0	20.18	20.36	20.19		
10	64QAM	1	0	19.92	20.28	20.22	21.5	0
10	64QAM	1	25	20.19	20.50	20.44		
10	64QAM	1	49	20.31	20.32	20.30		
10	64QAM	25	0	19.40	19.68	19.76	21	0.5
10	64QAM	25	12	19.45	19.48	19.83		
10	64QAM	25	25	19.36	19.62	19.90		
10	64QAM	50	0	19.34	19.65	19.75		
10	256QAM	1	0	16.91	16.90	16.77	18	3.5
10	256QAM	1	25	16.67	16.64	16.79		
10	256QAM	1	49	16.64	16.45	16.66		
10	256QAM	25	0	16.72	16.68	16.78	18	3.5
10	256QAM	25	12	16.51	16.58	16.70		
10	256QAM	25	25	16.62	16.64	16.68		
10	256QAM	50	0	16.52	16.71	16.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.58	20.55	20.55	21.5	0
5	QPSK	1	12	20.36	20.27	20.43		
5	QPSK	1	24	20.24	20.11	20.39		
5	QPSK	12	0	20.43	20.32	20.41	21.5	0
5	QPSK	12	7	20.23	20.21	20.41		
5	QPSK	12	13	20.24	20.28	20.36		
5	QPSK	25	0	20.21	20.36	20.46		
5	16QAM	1	0	20.16	20.46	20.56	21.5	0
5	16QAM	1	12	19.99	20.51	20.33		
5	16QAM	1	24	20.26	20.17	20.56		
5	16QAM	12	0	20.05	20.37	20.27	21.5	0
5	16QAM	12	7	20.22	20.23	20.26		
5	16QAM	12	13	20.15	20.30	20.26		
5	16QAM	25	0	20.18	20.34	20.23		
5	64QAM	1	0	19.90	20.27	20.22	21.5	0
5	64QAM	1	12	20.16	20.49	20.40		
5	64QAM	1	24	20.32	20.29	20.27		
5	64QAM	12	0	19.39	19.61	19.74	21	0.5
5	64QAM	12	7	19.40	19.45	19.79		
5	64QAM	12	13	19.34	19.54	19.89		
5	64QAM	25	0	19.32	19.65	19.76		
5	256QAM	1	0	16.88	16.92	16.81	18	3.5
5	256QAM	1	12	16.68	16.62	16.77		
5	256QAM	1	24	16.66	16.44	16.64		
5	256QAM	12	0	16.70	16.62	16.71	18	3.5
5	256QAM	12	7	16.52	16.51	16.71		
5	256QAM	12	13	16.61	16.62	16.71		
5	256QAM	25	0	16.48	16.67	16.77		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.60	20.55	20.55	21.5	0
3	QPSK	1	8	20.33	20.33	20.44		
3	QPSK	1	14	20.28	20.13	20.36		
3	QPSK	8	0	20.40	20.37	20.43	21.5	0
3	QPSK	8	4	20.23	20.21	20.39		
3	QPSK	8	7	20.26	20.23	20.41		
3	QPSK	15	0	20.16	20.33	20.50		
3	16QAM	1	0	20.17	20.48	20.56	21.5	0
3	16QAM	1	8	20.01	20.51	20.35		
3	16QAM	1	14	20.21	20.19	20.53		
3	16QAM	8	0	20.01	20.36	20.24	21.5	0
3	16QAM	8	4	20.26	20.23	20.26		
3	16QAM	8	7	20.14	20.33	20.26		
3	16QAM	15	0	20.16	20.32	20.23		
3	64QAM	1	0	19.85	20.30	20.27	21.5	0
3	64QAM	1	8	20.19	20.51	20.37		
3	64QAM	1	14	20.33	20.38	20.26		
3	64QAM	8	0	19.43	19.58	19.75	21	0.5
3	64QAM	8	4	19.40	19.49	19.86		
3	64QAM	8	7	19.39	19.56	19.85		
3	64QAM	15	0	19.40	19.62	19.76		
3	256QAM	1	0	16.96	16.89	16.79	18	3.5
3	256QAM	1	8	16.65	16.67	16.84		
3	256QAM	1	14	16.57	16.47	16.62		
3	256QAM	8	0	16.76	16.68	16.76	18	3.5
3	256QAM	8	4	16.52	16.54	16.67		
3	256QAM	8	7	16.65	16.61	16.73		
3	256QAM	15	0	16.48	16.62	16.52		
Channel				131879	132322	132765	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.54	20.52	20.52	21.5	0
1.4	QPSK	1	3	20.29	20.32	20.44		
1.4	QPSK	1	5	20.30	20.10	20.38		
1.4	QPSK	3	0	20.37	20.32	20.41		
1.4	QPSK	3	1	20.23	20.20	20.32		
1.4	QPSK	3	3	20.24	20.23	20.37		
1.4	QPSK	6	0	20.17	20.34	20.47	21.5	0
1.4	16QAM	1	0	20.10	20.51	20.58	21.5	0
1.4	16QAM	1	3	20.00	20.49	20.37		
1.4	16QAM	1	5	20.21	20.22	20.48		
1.4	16QAM	3	0	20.02	20.32	20.18		
1.4	16QAM	3	1	20.27	20.23	20.19		
1.4	16QAM	3	3	20.19	20.31	20.24		
1.4	16QAM	6	0	20.22	20.37	20.17	21.5	0
1.4	64QAM	1	0	19.89	20.21	20.24	21.5	0
1.4	64QAM	1	3	20.18	20.47	20.40		
1.4	64QAM	1	5	20.30	20.33	20.26		
1.4	64QAM	3	0	20.09	20.37	20.48		
1.4	64QAM	3	1	20.10	20.16	20.51		
1.4	64QAM	3	3	20.04	20.32	20.60		
1.4	64QAM	6	0	19.29	19.50	19.62	21	0.5
1.4	256QAM	1	0	16.94	16.89	16.79	18	3.5
1.4	256QAM	1	3	16.64	16.61	16.81		
1.4	256QAM	1	5	16.64	16.41	16.69		
1.4	256QAM	3	0	16.76	16.68	16.75		
1.4	256QAM	3	1	16.49	16.55	16.65		
1.4	256QAM	3	3	16.59	16.62	16.70		
1.4	256QAM	6	0	16.50	16.67	16.62	18	3.5

Band 48_FCC_Ant4 DSI2 Sim-Tx

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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.82	22.83	22.67	22.77	23.5	0
20	QPSK	1	49	22.81	22.82	22.66	22.75		
20	QPSK	1	99	22.86	22.90	22.77	22.80		
20	QPSK	50	0	20.98	21.00	20.85	20.99	22.5	1
20	QPSK	50	24	20.96	20.95	20.81	20.95		
20	QPSK	50	50	20.95	20.98	20.79	20.95		
20	QPSK	100	0	20.93	20.95	20.90	20.94		
20	16QAM	1	0	20.90	20.95	20.74	21.08	22.5	1
20	16QAM	1	49	20.95	20.91	20.77	21.14		
20	16QAM	1	99	20.98	20.87	20.82	21.22		
20	16QAM	50	0	20.05	20.05	19.88	20.25	21.5	2
20	16QAM	50	24	20.03	19.99	19.95	20.32		
20	16QAM	50	50	20.05	19.97	19.96	20.37		
20	16QAM	100	0	20.04	20.00	19.95	20.30		
20	64QAM	1	0	19.90	19.84	20.58	20.87	21.5	2
20	64QAM	1	49	19.96	19.88	20.60	20.95		
20	64QAM	1	99	19.93	19.83	20.67	21.06		
20	64QAM	50	0	19.04	19.04	19.89	20.23	20.5	3
20	64QAM	50	24	19.03	19.00	19.96	20.33		
20	64QAM	50	50	19.07	18.96	19.98	20.37		
20	64QAM	100	0	19.00	18.94	19.96	20.32		
20	256QAM	1	0	16.84	16.84	16.70	16.95	18.5	5
20	256QAM	1	49	16.80	16.74	16.61	16.97		
20	256QAM	1	99	16.87	16.73	16.70	17.07		
20	256QAM	50	0	17.12	17.12	16.99	17.29	18.5	5
20	256QAM	50	24	17.13	17.06	17.01	17.40		
20	256QAM	50	50	17.17	17.08	17.05	17.45		
20	256QAM	100	0	17.01	16.96	16.95	17.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.82	22.80	22.64	22.73	23.5	0
15	QPSK	1	37	22.73	22.76	22.59	22.67		
15	QPSK	1	74	22.80	22.88	22.70	22.74		
15	QPSK	36	0	20.94	20.97	20.80	21.14	22.5	1
15	QPSK	36	20	20.95	20.92	20.92	21.18		
15	QPSK	36	39	20.97	20.93	20.90	21.27		
15	QPSK	75	0	20.97	20.94	20.91	21.18		
15	16QAM	1	0	20.82	20.96	20.74	21.00	22.5	1
15	16QAM	1	37	20.96	20.88	20.77	21.14		
15	16QAM	1	74	20.94	20.80	20.76	21.20		
15	16QAM	36	0	20.06	20.04	19.85	20.26	21.5	2
15	16QAM	36	20	19.97	19.92	19.92	20.25		
15	16QAM	36	39	20.00	19.93	19.89	20.30		
15	16QAM	75	0	19.97	19.93	19.92	20.26		
15	64QAM	1	0	19.82	19.83	20.56	20.85	21.5	2
15	64QAM	1	37	19.95	19.83	20.59	20.94		
15	64QAM	1	74	19.90	19.82	20.59	20.98		
15	64QAM	36	0	19.03	19.01	19.84	20.20	20.5	3
15	64QAM	36	20	19.04	19.00	19.88	20.31		
15	64QAM	36	39	18.99	18.97	19.93	20.33		
15	64QAM	75	0	18.95	18.91	19.88	20.33		
15	256QAM	1	0	16.78	16.76	16.70	16.87	18.5	5
15	256QAM	1	37	16.81	16.73	16.62	16.95		
15	256QAM	1	74	16.86	16.71	16.64	17.06		
15	256QAM	36	0	17.10	17.10	17.00	17.24	18.5	5
15	256QAM	36	20	17.11	16.99	17.00	17.34		
15	256QAM	36	39	17.12	17.09	16.97	17.37		
15	256QAM	75	0	17.02	16.95	16.95	17.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.83	22.78	22.64	22.77	23.5	0
10	QPSK	1	25	22.76	22.78	22.60	22.69		
10	QPSK	1	49	22.81	22.87	22.78	22.80		
10	QPSK	25	0	20.91	20.94	20.78	21.19	22.5	1
10	QPSK	25	12	20.97	20.93	20.88	21.21		
10	QPSK	25	25	20.93	20.94	20.91	21.34		
10	QPSK	50	0	20.95	20.92	20.85	21.19		
10	16QAM	1	0	20.84	20.91	20.73	21.05	22.5	1
10	16QAM	1	25	20.95	20.90	20.73	21.10		
10	16QAM	1	49	20.92	20.81	20.80	21.21		
10	16QAM	25	0	20.04	19.97	19.81	20.20	21.5	2
10	16QAM	25	12	20.04	19.98	19.91	20.32		
10	16QAM	25	25	19.97	19.89	19.95	20.30		
10	16QAM	50	0	19.98	19.98	19.90	20.30		
10	64QAM	1	0	19.88	19.83	20.59	20.79	21.5	2
10	64QAM	1	25	19.93	19.89	20.52	20.93		
10	64QAM	1	49	19.85	19.79	20.64	21.00		
10	64QAM	25	0	18.97	19.00	19.89	20.15	20.5	3
10	64QAM	25	12	18.99	18.97	19.89	20.25		
10	64QAM	25	25	19.06	18.97	19.96	20.31		
10	64QAM	50	0	18.98	18.91	19.92	20.29		
10	256QAM	1	0	16.85	16.82	16.66	16.91	18.5	5
10	256QAM	1	25	16.81	16.75	16.57	16.90		
10	256QAM	1	49	16.88	16.71	16.64	17.08		
10	256QAM	25	0	17.08	17.10	17.00	17.23	18.5	5
10	256QAM	25	12	17.13	17.00	16.96	17.40		
10	256QAM	25	25	17.18	17.01	17.04	17.44		
10	256QAM	50	0	17.02	16.96	16.87	17.27		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.82	22.79	22.68	22.75	23.5	0
5	QPSK	1	12	22.73	22.75	22.65	22.71		
5	QPSK	1	24	22.85	22.88	22.78	22.72		
5	QPSK	12	0	20.92	20.99	20.80	21.11	22.5	1
5	QPSK	12	7	20.88	20.89	20.91	21.21		
5	QPSK	12	13	20.92	20.94	20.94	21.30		
5	QPSK	25	0	20.97	20.87	20.86	21.21		
5	16QAM	1	0	20.89	20.96	20.66	21.05	22.5	1
5	16QAM	1	12	20.95	20.92	20.72	21.12		
5	16QAM	1	24	20.96	20.81	20.82	21.14		
5	16QAM	12	0	20.02	19.98	19.81	20.22	21.5	2
5	16QAM	12	7	20.01	19.95	19.88	20.31		
5	16QAM	12	13	20.05	19.93	19.95	20.37		
5	16QAM	25	0	19.99	19.92	19.89	20.27		
5	64QAM	1	0	19.85	19.77	20.50	20.87	21.5	2
5	64QAM	1	12	19.95	19.89	20.56	20.90		
5	64QAM	1	24	19.87	19.84	20.68	20.98		
5	64QAM	12	0	19.00	19.05	19.81	20.23	20.5	3
5	64QAM	12	7	18.96	18.92	19.88	20.29		
5	64QAM	12	13	19.08	18.91	19.92	20.38		
5	64QAM	25	0	18.97	18.92	19.88	20.33		
5	256QAM	1	0	16.80	16.80	16.65	16.91	18.5	5
5	256QAM	1	12	16.73	16.74	16.61	16.94		
5	256QAM	1	24	16.85	16.65	16.67	17.02		
5	256QAM	12	0	17.08	17.05	16.95	17.30	18.5	5
5	256QAM	12	7	17.12	17.03	16.99	17.34		
5	256QAM	12	13	17.15	17.06	17.06	17.38		
5	256QAM	25	0	16.98	16.95	16.92	17.32		

GSM850—ANT 1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.42	32.57	32.32	33.50	23.42	23.57	23.32	24.50
GPRS 1 Tx slot	32.31	32.54	32.24	33.50	23.31	23.54	23.24	24.50
GPRS 2 Tx slots	29.81	29.73	29.48	30.50	23.81	23.73	23.48	24.50
GPRS 3 Tx slots	28.32	28.18	28.01	29.00	24.06	23.92	23.75	24.74
GPRS 4 Tx slots	26.75	26.55	26.44	28.00	23.75	23.55	23.44	25.00
EDGE 1 Tx slot	26.38	26.57	26.35	27.50	17.38	17.57	17.35	18.50
EDGE 2 Tx slots	25.68	25.55	25.61	26.50	19.68	19.55	19.61	20.50
EDGE 3 Tx slots	23.48	23.31	23.76	25.00	19.22	19.05	19.50	20.74
EDGE 4 Tx slots	21.65	21.45	22.03	23.00	18.65	18.45	19.03	20.00

GSM1900—ANT 1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.05	25.89	26.61	27.50	17.05	16.89	17.61	18.50
GPRS 1 Tx slot	26.06	25.92	26.63	27.50	17.06	16.92	17.63	18.50
GPRS 2 Tx slots	23.40	23.28	23.88	24.50	17.40	17.28	17.88	18.50
GPRS 3 Tx slots	21.45	21.31	21.96	23.00	17.19	17.05	17.70	18.74
GPRS 4 Tx slots	19.84	19.67	20.29	21.00	16.84	16.67	17.29	18.00
EDGE 1 Tx slot	25.32	25.17	25.77	26.50	16.32	16.17	16.77	17.50
EDGE 2 Tx slots	23.40	23.28	23.98	24.50	17.40	17.28	17.98	18.50
EDGE 3 Tx slots	21.24	21.09	21.72	22.50	16.98	16.83	17.46	18.24
EDGE 4 Tx slots	19.87	19.72	20.37	21.50	16.87	16.72	17.37	18.50

Band		WCDMA II—ANT 1 DSI3			Tune-up Limit (dBm)	WCDMA V—ANT 1 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.70	16.70	16.68	17.50	23.18	23.07	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	16.72	16.71	16.70	17.50	23.26	23.13	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	15.72	15.72	15.73	16.50	22.25	22.13	22.03	23.00
3GPP Rel 6	HSDPA Subtest-2	15.76	15.74	15.67	16.50	22.24	22.16	22.00	23.00
3GPP Rel 6	HSDPA Subtest-3	15.21	15.22	15.28	16.00	21.71	21.64	21.48	22.50
3GPP Rel 6	HSDPA Subtest-4	15.20	15.23	15.31	16.00	21.71	21.62	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.64	15.75	15.75	16.50	22.25	22.18	22.18	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.74	15.76	15.74	16.50	22.21	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.33	15.37	15.35	16.00	21.90	21.82	21.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.36	15.38	15.31	16.00	21.87	21.85	21.85	22.50
3GPP Rel 6	HSUPA Subtest-1	15.87	15.84	15.86	16.50	22.25	22.16	22.19	23.00
3GPP Rel 6	HSUPA Subtest-2	13.84	13.80	13.83	14.50	20.22	20.13	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	14.92	14.77	14.78	15.50	21.23	21.09	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	13.85	13.89	13.77	14.50	20.20	20.08	20.11	21.00
3GPP Rel 6	HSUPA Subtest-5	15.89	15.75	15.89	16.50	22.30	22.10	22.20	23.00

Band 2_ANT 1 DSI3

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	16.47	16.38	16.37	17.5	0
20	QPSK	1	49	16.30	16.34	16.30		
20	QPSK	1	99	16.29	16.25	16.25		
20	QPSK	50	0	16.32	16.31	16.30	17.5	0
20	QPSK	50	24	16.31	16.30	16.28		
20	QPSK	50	50	16.29	16.28	16.29		
20	QPSK	100	0	16.30	16.26	16.28		
20	16QAM	1	0	16.38	16.34	16.36	17.5	0
20	16QAM	1	49	16.31	16.26	16.20		
20	16QAM	1	99	16.30	16.35	16.36		
20	16QAM	50	0	16.29	16.28	16.29	17.5	0
20	16QAM	50	24	16.34	16.35	16.37		
20	16QAM	50	50	16.38	16.30	16.39		
20	16QAM	100	0	16.32	16.30	16.36		
20	64QAM	1	0	16.28	16.23	16.33	17.5	0
20	64QAM	1	49	16.29	16.37	16.35		
20	64QAM	1	99	16.38	16.36	16.33		
20	64QAM	50	0	16.21	16.28	16.31	17.5	0
20	64QAM	50	24	16.29	16.31	16.30		
20	64QAM	50	50	16.29	16.31	16.30		
20	64QAM	100	0	16.26	16.35	16.38		
20	256QAM	1	0	16.40	16.35	16.32	17.5	0
20	256QAM	1	49	16.28	16.29	16.26		
20	256QAM	1	99	16.25	16.19	16.18		
20	256QAM	50	0	16.26	16.27	16.30	17.5	0
20	256QAM	50	24	16.27	16.28	16.26		
20	256QAM	50	50	16.24	16.25	16.27		
20	256QAM	100	0	16.25	16.22	16.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.39	16.36	16.35	17.5	0
15	QPSK	1	37	16.26	16.33	16.31		
15	QPSK	1	74	16.29	16.22	16.19		
15	QPSK	36	0	16.33	16.27	16.27	17.5	0
15	QPSK	36	20	16.29	16.28	16.22		
15	QPSK	36	39	16.23	16.29	16.28		
15	QPSK	75	0	16.29	16.18	16.28		
15	16QAM	1	0	16.32	16.32	16.29	17.5	0
15	16QAM	1	37	16.27	16.19	16.16		
15	16QAM	1	74	16.29	16.30	16.32		
15	16QAM	36	0	16.29	16.24	16.23	17.5	0
15	16QAM	36	20	16.35	16.29	16.35		
15	16QAM	36	39	16.39	16.28	16.40		
15	16QAM	75	0	16.26	16.29	16.31		
15	64QAM	1	0	16.28	16.20	16.28	17.5	0
15	64QAM	1	37	16.23	16.32	16.35		
15	64QAM	1	74	16.37	16.28	16.30		
15	64QAM	36	0	16.19	16.27	16.27	17.5	0
15	64QAM	36	20	16.23	16.23	16.31		
15	64QAM	36	39	16.21	16.27	16.26		
15	64QAM	75	0	16.22	16.36	16.33		
15	256QAM	1	0	16.39	16.32	16.24	17.5	0
15	256QAM	1	37	16.26	16.21	16.26		
15	256QAM	1	74	16.26	16.16	16.11		
15	256QAM	36	0	16.18	16.22	16.27	17.5	0
15	256QAM	36	20	16.24	16.27	16.26		
15	256QAM	36	39	16.19	16.18	16.20		
15	256QAM	75	0	16.20	16.14	16.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.44	16.39	16.33	17.5	0
10	QPSK	1	25	16.30	16.35	16.26		
10	QPSK	1	49	16.22	16.17	16.26		
10	QPSK	25	0	16.26	16.31	16.23	17.5	0
10	QPSK	25	12	16.30	16.22	16.24		
10	QPSK	25	25	16.23	16.21	16.23		
10	QPSK	50	0	16.23	16.23	16.27		
10	16QAM	1	0	16.34	16.27	16.31	17.5	0
10	16QAM	1	25	16.29	16.24	16.12		
10	16QAM	1	49	16.24	16.33	16.37		
10	16QAM	25	0	16.24	16.23	16.26	17.5	0
10	16QAM	25	12	16.28	16.27	16.36		
10	16QAM	25	25	16.30	16.22	16.33		
10	16QAM	50	0	16.32	16.27	16.33		
10	64QAM	1	0	16.27	16.17	16.26	17.5	0
10	64QAM	1	25	16.22	16.31	16.30		
10	64QAM	1	49	16.37	16.37	16.30		
10	64QAM	25	0	16.17	16.24	16.31	17.5	0
10	64QAM	25	12	16.28	16.31	16.22		
10	64QAM	25	25	16.30	16.30	16.29		
10	64QAM	50	0	16.18	16.29	16.31		
10	256QAM	1	0	16.38	16.27	16.27	17.5	0
10	256QAM	1	25	16.21	16.21	16.23		
10	256QAM	1	49	16.19	16.17	16.19		
10	256QAM	25	0	16.20	16.25	16.23	17.5	0
10	256QAM	25	12	16.21	16.28	16.26		
10	256QAM	25	25	16.21	16.25	16.25		
10	256QAM	50	0	16.26	16.19	16.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.42	16.37	16.33	17.5	0
5	QPSK	1	12	16.27	16.32	16.28		
5	QPSK	1	24	16.27	16.22	16.26		
5	QPSK	12	0	16.32	16.30	16.22	17.5	0
5	QPSK	12	7	16.29	16.28	16.22		
5	QPSK	12	13	16.30	16.25	16.21		
5	QPSK	25	0	16.22	16.24	16.27		
5	16QAM	1	0	16.30	16.32	16.35	17.5	0
5	16QAM	1	12	16.27	16.21	16.13		
5	16QAM	1	24	16.22	16.31	16.28		
5	16QAM	12	0	16.22	16.22	16.22	17.5	0
5	16QAM	12	7	16.28	16.29	16.33		
5	16QAM	12	13	16.36	16.22	16.31		
5	16QAM	25	0	16.29	16.23	16.30		
5	64QAM	1	0	16.22	16.18	16.32	17.5	0
5	64QAM	1	12	16.24	16.32	16.30		
5	64QAM	1	24	16.36	16.36	16.34		
5	64QAM	12	0	16.17	16.26	16.31	17.5	0
5	64QAM	12	7	16.27	16.28	16.26		
5	64QAM	12	13	16.24	16.25	16.22		
5	64QAM	25	0	16.18	16.28	16.33		
5	256QAM	1	0	16.40	16.35	16.30	17.5	0
5	256QAM	1	12	16.28	16.24	16.24		
5	256QAM	1	24	16.21	16.14	16.12		
5	256QAM	12	0	16.20	16.27	16.31	17.5	0
5	256QAM	12	7	16.26	16.29	16.25		
5	256QAM	12	13	16.24	16.22	16.19		
5	256QAM	25	0	16.20	16.23	16.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.46	16.32	16.31	17.5	0
3	QPSK	1	8	16.25	16.29	16.31		
3	QPSK	1	14	16.27	16.23	16.22		
3	QPSK	8	0	16.30	16.27	16.28	17.5	0
3	QPSK	8	4	16.29	16.22	16.23		
3	QPSK	8	7	16.26	16.23	16.22		
3	QPSK	15	0	16.30	16.21	16.21		
3	16QAM	1	0	16.36	16.27	16.33	17.5	0
3	16QAM	1	8	16.26	16.22	16.21		
3	16QAM	1	14	16.27	16.30	16.29		
3	16QAM	8	0	16.27	16.22	16.24	17.5	0
3	16QAM	8	4	16.26	16.33	16.36		
3	16QAM	8	7	16.39	16.28	16.40		
3	16QAM	15	0	16.27	16.23	16.30		
3	64QAM	1	0	16.20	16.23	16.25	17.5	0
3	64QAM	1	8	16.28	16.36	16.35		
3	64QAM	1	14	16.30	16.37	16.27		
3	64QAM	8	0	16.22	16.20	16.31	17.5	0
3	64QAM	8	4	16.30	16.30	16.24		
3	64QAM	8	7	16.24	16.31	16.30		
3	64QAM	15	0	16.19	16.32	16.37		
3	256QAM	1	0	16.34	16.30	16.24	17.5	0
3	256QAM	1	8	16.24	16.23	16.19		
3	256QAM	1	14	16.17	16.19	16.14		
3	256QAM	8	0	16.20	16.19	16.26	17.5	0
3	256QAM	8	4	16.24	16.29	16.20		
3	256QAM	8	7	16.20	16.24	16.21		
3	256QAM	15	0	16.24	16.23	16.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.39	16.32	16.38	17.5	0
1.4	QPSK	1	3	16.30	16.33	16.29		
1.4	QPSK	1	5	16.27	16.22	16.19		
1.4	QPSK	3	0	16.27	16.32	16.29		
1.4	QPSK	3	1	16.32	16.24	16.20		
1.4	QPSK	3	3	16.22	16.28	16.22		
1.4	QPSK	6	0	16.27	16.22	16.25	17.5	0
1.4	16QAM	1	0	16.30	16.27	16.29	17.5	0
1.4	16QAM	1	3	16.30	16.21	16.20		
1.4	16QAM	1	5	16.28	16.29	16.36		
1.4	16QAM	3	0	16.28	16.21	16.23		
1.4	16QAM	3	1	16.33	16.33	16.37		
1.4	16QAM	3	3	16.38	16.24	16.33		
1.4	16QAM	6	0	16.26	16.29	16.29	17.5	0
1.4	64QAM	1	0	16.28	16.16	16.30	17.5	0
1.4	64QAM	1	3	16.28	16.38	16.35		
1.4	64QAM	1	5	16.39	16.35	16.34		
1.4	64QAM	3	0	16.14	16.29	16.24		
1.4	64QAM	3	1	16.30	16.23	16.28		
1.4	64QAM	3	3	16.27	16.24	16.29		
1.4	64QAM	6	0	16.20	16.32	16.39	17.5	0
1.4	256QAM	1	0	16.34	16.27	16.29	17.5	0
1.4	256QAM	1	3	16.29	16.28	16.21		
1.4	256QAM	1	5	16.19	16.18	16.11		
1.4	256QAM	3	0	16.23	16.22	16.22		
1.4	256QAM	3	1	16.20	16.29	16.25		
1.4	256QAM	3	3	16.20	16.23	16.23		
1.4	256QAM	6	0	16.18	16.22	16.23	17.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.10	17.13	17.11	18	0
20	QPSK	1	49	17.02	16.95	17.04		
20	QPSK	1	99	16.89	17.06	17.10		
20	QPSK	50	0	17.02	17.07	17.05	18	0
20	QPSK	50	24	17.01	17.06	16.91		
20	QPSK	50	50	16.92	17.03	16.98		
20	QPSK	100	0	17.03	17.04	16.91		
20	16QAM	1	0	17.08	17.08	17.07	18	0
20	16QAM	1	49	17.02	17.11	17.11		
20	16QAM	1	99	17.11	17.08	17.12		
20	16QAM	50	0	17.12	17.06	17.12	18	0
20	16QAM	50	24	17.09	17.06	16.94		
20	16QAM	50	50	16.91	17.06	17.00		
20	16QAM	100	0	17.06	17.04	16.92		
20	64QAM	1	0	17.05	16.97	16.97	18	0
20	64QAM	1	49	17.11	17.12	17.06		
20	64QAM	1	99	17.00	16.93	17.10		
20	64QAM	50	0	17.11	17.11	16.91	18	0
20	64QAM	50	24	17.10	17.08	17.02		
20	64QAM	50	50	16.96	17.09	17.00		
20	64QAM	100	0	17.08	17.07	16.96		
20	256QAM	1	0	17.05	17.10	17.06	18	0
20	256QAM	1	49	16.97	16.91	17.00		
20	256QAM	1	99	16.89	17.03	17.07		
20	256QAM	50	0	16.99	17.00	17.03	18	0
20	256QAM	50	24	17.02	17.00	16.84		
20	256QAM	50	50	16.91	16.96	16.92		
20	256QAM	100	0	17.01	16.93	16.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.03	17.12	17.10	18	0
15	QPSK	1	37	16.99	16.87	17.02		
15	QPSK	1	74	16.84	17.07	17.07		
15	QPSK	36	0	16.94	17.05	17.06	18	0
15	QPSK	36	20	17.03	17.00	16.86		
15	QPSK	36	39	16.92	17.02	16.94		
15	QPSK	75	0	17.03	16.99	16.92		
15	16QAM	1	0	17.09	17.03	17.02	18	0
15	16QAM	1	37	16.95	17.12	17.04		
15	16QAM	1	74	17.07	17.06	17.09		
15	16QAM	36	0	17.04	17.00	17.10	18	0
15	16QAM	36	20	17.04	17.00	16.90		
15	16QAM	36	39	16.86	16.99	16.98		
15	16QAM	75	0	16.99	17.02	16.89		
15	64QAM	1	0	17.04	16.96	16.91	18	0
15	64QAM	1	37	17.11	17.09	17.05		
15	64QAM	1	74	16.95	16.86	17.08		
15	64QAM	36	0	17.08	17.07	16.86	18	0
15	64QAM	36	20	17.06	17.08	17.02		
15	64QAM	36	39	16.96	17.03	16.99		
15	64QAM	75	0	17.00	17.00	16.92		
15	256QAM	1	0	17.00	17.09	17.03	18	0
15	256QAM	1	37	16.89	16.86	16.99		
15	256QAM	1	74	16.90	17.00	17.02		
15	256QAM	36	0	16.93	16.97	16.99	18	0
15	256QAM	36	20	16.96	17.01	16.83		
15	256QAM	36	39	16.84	16.90	16.90		
15	256QAM	75	0	16.97	16.89	16.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.02	17.12	17.12	18	0
10	QPSK	1	25	16.97	16.88	16.96		
10	QPSK	1	49	16.88	17.06	17.04		
10	QPSK	25	0	17.00	17.02	16.98	18	0
10	QPSK	25	12	17.01	17.05	16.83		
10	QPSK	25	25	16.84	16.97	16.93		
10	QPSK	50	0	16.97	16.98	16.83		
10	16QAM	1	0	17.00	17.05	17.05	18	0
10	16QAM	1	25	17.00	17.07	17.11		
10	16QAM	1	49	17.08	17.01	17.07		
10	16QAM	25	0	17.04	17.00	17.09	18	0
10	16QAM	25	12	17.04	16.99	16.92		
10	16QAM	25	25	16.83	17.05	17.01		
10	16QAM	50	0	17.07	16.99	16.84		
10	64QAM	1	0	17.05	16.92	16.90	18	0
10	64QAM	1	25	17.04	17.08	17.02		
10	64QAM	1	49	16.95	16.86	17.03		
10	64QAM	25	0	17.07	17.06	16.86	18	0
10	64QAM	25	12	17.09	17.05	17.01		
10	64QAM	25	25	16.96	17.05	16.93		
10	64QAM	50	0	17.05	17.04	16.88		
10	256QAM	1	0	17.06	17.04	17.05	18	0
10	256QAM	1	25	16.95	16.90	16.94		
10	256QAM	1	49	16.87	17.04	17.06		
10	256QAM	25	0	16.93	16.99	16.98	18	0
10	256QAM	25	12	16.99	16.99	16.84		
10	256QAM	25	25	16.88	16.97	16.86		
10	256QAM	50	0	16.96	16.89	16.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.10	17.12	17.10	18	0
5	QPSK	1	12	17.02	16.87	17.05		
5	QPSK	1	24	16.86	17.02	17.09		
5	QPSK	12	0	16.97	17.04	17.05	18	0
5	QPSK	12	7	17.04	17.03	16.92		
5	QPSK	12	13	16.92	17.01	16.90		
5	QPSK	25	0	17.00	16.97	16.86		
5	16QAM	1	0	17.05	17.00	17.06	18	0
5	16QAM	1	12	16.94	17.07	17.07		
5	16QAM	1	24	17.12	17.00	17.09		
5	16QAM	12	0	17.07	16.99	17.06	18	0
5	16QAM	12	7	17.01	17.00	16.90		
5	16QAM	12	13	16.83	17.02	16.93		
5	16QAM	25	0	17.06	17.02	16.86		
5	64QAM	1	0	17.05	16.97	16.89	18	0
5	64QAM	1	12	17.03	17.10	17.07		
5	64QAM	1	24	17.00	16.91	17.10		
5	64QAM	12	0	17.03	17.11	16.89	18	0
5	64QAM	12	7	17.09	17.05	16.95		
5	64QAM	12	13	16.88	17.06	17.00		
5	64QAM	25	0	17.01	17.06	16.94		
5	256QAM	1	0	17.00	17.04	17.03	18	0
5	256QAM	1	12	16.89	16.92	16.98		
5	256QAM	1	24	16.84	17.03	17.03		
5	256QAM	12	0	16.92	16.95	16.97	18	0
5	256QAM	12	7	16.95	16.99	16.84		
5	256QAM	12	13	16.83	16.96	16.84		
5	256QAM	25	0	16.96	16.88	16.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.03	17.08	17.04	18	0
3	QPSK	1	8	16.96	16.96	16.99		
3	QPSK	1	14	16.85	17.05	17.06		
3	QPSK	8	0	17.03	17.03	17.06	18	0
3	QPSK	8	4	17.02	17.07	16.84		
3	QPSK	8	7	16.93	16.95	16.98		
3	QPSK	15	0	16.96	17.00	16.85		
3	16QAM	1	0	17.05	17.06	17.01	18	0
3	16QAM	1	8	16.95	17.10	17.03		
3	16QAM	1	14	17.12	17.09	17.05		
3	16QAM	8	0	17.12	17.07	17.04	18	0
3	16QAM	8	4	17.10	17.03	16.93		
3	16QAM	8	7	16.88	17.03	16.98		
3	16QAM	15	0	17.04	17.03	16.93		
3	64QAM	1	0	16.98	16.96	16.89	18	0
3	64QAM	1	8	17.03	17.06	17.05		
3	64QAM	1	14	16.93	16.86	17.04		
3	64QAM	8	0	17.09	17.08	16.85	18	0
3	64QAM	8	4	17.09	17.01	16.97		
3	64QAM	8	7	16.94	17.09	17.00		
3	64QAM	15	0	17.02	17.00	16.90		
3	256QAM	1	0	17.05	17.02	17.03	18	0
3	256QAM	1	8	16.92	16.86	16.92		
3	256QAM	1	14	16.85	17.02	17.07		
3	256QAM	8	0	17.00	16.92	16.97	18	0
3	256QAM	8	4	17.02	17.01	16.84		
3	256QAM	8	7	16.91	16.94	16.88		
3	256QAM	15	0	17.01	16.86	16.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.06	17.11	17.03	18	0
1.4	QPSK	1	3	16.96	16.96	17.05		
1.4	QPSK	1	5	16.85	17.05	17.06		
1.4	QPSK	3	0	16.96	17.00	17.04		
1.4	QPSK	3	1	17.01	17.02	16.87		
1.4	QPSK	3	3	16.87	17.03	16.99		
1.4	QPSK	6	0	17.01	16.97	16.83	18	0
1.4	16QAM	1	0	17.03	17.04	17.08	18	0
1.4	16QAM	1	3	17.00	17.10	17.09		
1.4	16QAM	1	5	17.12	17.06	17.10		
1.4	16QAM	3	0	17.10	17.04	17.07		
1.4	16QAM	3	1	17.03	16.98	16.92		
1.4	16QAM	3	3	16.84	17.02	16.96		
1.4	16QAM	6	0	17.07	17.02	16.88	18	0
1.4	64QAM	1	0	17.00	16.96	16.95	18	0
1.4	64QAM	1	3	17.06	17.06	17.00		
1.4	64QAM	1	5	16.92	16.85	17.05		
1.4	64QAM	3	0	17.06	17.03	16.90		
1.4	64QAM	3	1	17.09	17.01	16.99		
1.4	64QAM	3	3	16.95	17.09	16.97		
1.4	64QAM	6	0	17.05	17.03	16.89	18	0
1.4	256QAM	1	0	16.97	17.02	17.05	18	0
1.4	256QAM	1	3	16.96	16.83	16.94		
1.4	256QAM	1	5	16.83	17.03	17.08		
1.4	256QAM	3	0	16.96	16.97	17.02		
1.4	256QAM	3	1	16.96	16.97	16.76		
1.4	256QAM	3	3	16.86	16.88	16.84		
1.4	256QAM	6	0	16.97	16.85	16.77	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.89	22.99	22.74	24	0
10	QPSK	1	25	22.88	22.80	22.65		
10	QPSK	1	49	22.91	22.65	22.57		
10	QPSK	25	0	22.13	22.27	21.99	23	1
10	QPSK	25	12	22.23	22.07	22.01		
10	QPSK	25	25	22.13	22.03	21.85		
10	QPSK	50	0	22.20	22.26	21.97		
10	16QAM	1	0	22.33	22.42	22.25	23	1
10	16QAM	1	25	22.37	22.31	22.11		
10	16QAM	1	49	22.45	22.21	22.12		
10	16QAM	25	0	21.17	21.12	21.06	22	2
10	16QAM	25	12	21.24	21.10	20.91		
10	16QAM	25	25	21.17	21.04	20.87		
10	16QAM	50	0	21.21	21.08	20.99		
10	64QAM	1	0	21.23	21.33	21.20	22	2
10	64QAM	1	25	21.32	21.26	21.08		
10	64QAM	1	49	21.34	21.09	20.93		
10	64QAM	25	0	20.19	20.16	20.07	21	3
10	64QAM	25	12	20.24	20.14	20.04		
10	64QAM	25	25	20.22	20.06	19.90		
10	64QAM	50	0	20.22	20.10	20.04		
10	256QAM	1	0	17.91	17.65	17.66	19	5
10	256QAM	1	25	17.57	17.49	17.61		
10	256QAM	1	49	17.91	17.93	17.71		
10	256QAM	25	0	17.96	18.09	17.87	19	5
10	256QAM	25	12	17.99	17.90	17.86		
10	256QAM	25	25	18.12	17.99	17.58		
10	256QAM	50	0	18.08	18.00	17.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.98	22.92	22.67	24	0
5	QPSK	1	12	22.87	22.87	22.66		
5	QPSK	1	24	22.94	22.77	22.57		
5	QPSK	12	0	22.19	22.00	21.86	23	1
5	QPSK	12	7	22.20	22.01	21.86		
5	QPSK	12	13	22.16	22.01	21.84		
5	QPSK	25	0	22.16	22.04	21.85		
5	16QAM	1	0	22.49	22.41	22.21	23	1
5	16QAM	1	12	22.47	22.31	22.14		
5	16QAM	1	24	22.44	22.28	22.14		
5	16QAM	12	0	21.19	21.09	20.93	22	2
5	16QAM	12	7	21.20	21.06	20.90		
5	16QAM	12	13	21.17	21.06	20.89		
5	16QAM	25	0	21.20	21.06	20.89		
5	64QAM	1	0	21.40	21.30	20.99	22	2
5	64QAM	1	12	21.20	21.16	20.94		
5	64QAM	1	24	21.36	21.24	21.00		
5	64QAM	12	0	20.22	20.14	19.94	21	3
5	64QAM	12	7	20.22	20.07	19.96		
5	64QAM	12	13	20.21	20.08	19.88		
5	64QAM	25	0	20.21	20.06	19.89		
5	256QAM	1	0	17.58	17.71	17.95	19	5
5	256QAM	1	12	18.05	17.56	18.04		
5	256QAM	1	24	17.78	17.58	17.54		
5	256QAM	12	0	17.95	18.10	17.94	19	5
5	256QAM	12	7	17.91	18.04	18.01		
5	256QAM	12	13	17.86	18.01	17.74		
5	256QAM	25	0	17.62	17.85	17.58		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.92	22.86	22.65	24	0
3	QPSK	1	8	22.95	22.85	22.64		
3	QPSK	1	14	22.95	22.78	22.61		
3	QPSK	8	0	22.14	22.01	21.84	23	1
3	QPSK	8	4	22.21	22.03	21.87		
3	QPSK	8	7	22.14	22.00	21.80		
3	QPSK	15	0	22.16	21.97	21.86		
3	16QAM	1	0	22.44	22.43	22.19	23	1
3	16QAM	1	8	22.50	22.52	22.25		
3	16QAM	1	14	22.42	22.36	22.12		
3	16QAM	8	0	21.25	21.03	20.86	22	2
3	16QAM	8	4	21.30	21.10	20.92		
3	16QAM	8	7	21.15	21.01	20.86		
3	16QAM	15	0	21.22	21.07	20.91		
3	64QAM	1	0	21.37	21.23	21.05	22	2
3	64QAM	1	8	21.44	21.28	21.06		
3	64QAM	1	14	21.40	21.25	21.04		
3	64QAM	8	0	20.28	20.07	19.92	21	3
3	64QAM	8	4	20.25	20.10	19.89		
3	64QAM	8	7	20.16	20.02	19.87		
3	64QAM	15	0	20.24	20.10	19.94		
3	256QAM	1	0	17.81	17.99	18.07	19	5
3	256QAM	1	8	17.99	17.54	17.66		
3	256QAM	1	14	17.52	18.02	17.58		
3	256QAM	8	0	17.63	17.89	17.68	19	5
3	256QAM	8	4	17.95	17.93	17.99		
3	256QAM	8	7	17.55	17.71	18.09		
3	256QAM	15	0	18.07	17.52	17.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.84	22.71	22.47	24	0
1.4	QPSK	1	3	22.86	22.77	22.50		
1.4	QPSK	1	5	22.79	22.71	22.44		
1.4	QPSK	3	0	22.85	22.79	22.51		
1.4	QPSK	3	1	22.92	22.80	22.56		
1.4	QPSK	3	3	22.84	22.75	22.50		
1.4	QPSK	6	0	22.12	21.99	21.73	23	1
1.4	16QAM	1	0	22.33	22.26	22.03	23	1
1.4	16QAM	1	3	22.40	22.38	22.10		
1.4	16QAM	1	5	22.29	22.37	21.95		
1.4	16QAM	3	0	22.11	22.04	21.75		
1.4	16QAM	3	1	22.11	21.99	21.80		
1.4	16QAM	3	3	22.09	21.99	21.79		
1.4	16QAM	6	0	21.14	21.09	20.80	22	2
1.4	64QAM	1	0	21.32	21.26	20.95	22	2
1.4	64QAM	1	3	21.30	21.30	20.97		
1.4	64QAM	1	5	21.29	21.17	20.96		
1.4	64QAM	3	0	21.27	21.15	20.91		
1.4	64QAM	3	1	21.25	21.21	20.92		
1.4	64QAM	3	3	21.28	21.15	20.85		
1.4	64QAM	6	0	20.15	20.02	19.67	21	3
1.4	256QAM	1	0	17.58	17.79	17.65	19	5
1.4	256QAM	1	3	17.80	17.60	17.93		
1.4	256QAM	1	5	17.51	17.97	17.75		
1.4	256QAM	3	0	17.74	17.91	17.89		
1.4	256QAM	3	1	17.95	18.05	17.80		
1.4	256QAM	3	3	17.52	17.59	17.71		
1.4	256QAM	6	0	17.73	17.57	17.74	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.78	15.65	15.48	16.5	0
20	QPSK	1	49	15.75	15.64	15.43		
20	QPSK	1	99	15.74	15.59	15.43		
20	QPSK	50	0	15.68	15.61	15.59	16.5	0
20	QPSK	50	24	15.61	15.60	15.56		
20	QPSK	50	50	15.65	15.59	15.57		
20	QPSK	100	0	15.66	15.59	15.64		
20	16QAM	1	0	15.67	15.77	15.77	16.5	0
20	16QAM	1	49	15.72	15.76	15.73		
20	16QAM	1	99	15.65	15.68	15.76		
20	16QAM	50	0	15.59	15.60	15.55	16.5	0
20	16QAM	50	24	15.60	15.60	15.64		
20	16QAM	50	50	15.72	15.60	15.64		
20	16QAM	100	0	15.77	15.58	15.64		
20	64QAM	1	0	15.61	15.61	15.55	16.5	0
20	64QAM	1	49	15.69	15.71	15.72		
20	64QAM	1	99	15.74	15.69	15.65		
20	64QAM	50	0	15.61	15.66	15.62	16.5	0
20	64QAM	50	24	15.66	15.64	15.72		
20	64QAM	50	50	15.71	15.58	15.67		
20	64QAM	100	0	15.60	15.61	15.64		
20	256QAM	1	0	15.68	15.55	15.42	16.5	0
20	256QAM	1	49	15.70	15.56	15.35		
20	256QAM	1	99	15.64	15.50	15.33		
20	256QAM	50	0	15.60	15.53	15.51	16.5	0
20	256QAM	50	24	15.56	15.55	15.47		
20	256QAM	50	50	15.56	15.52	15.47		
20	256QAM	100	0	15.57	15.50	15.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.71	15.64	15.41	16.5	0
15	QPSK	1	37	15.71	15.62	15.41		
15	QPSK	1	74	15.71	15.55	15.39		
15	QPSK	36	0	15.69	15.59	15.54	16.5	0
15	QPSK	36	20	15.55	15.54	15.56		
15	QPSK	36	39	15.64	15.57	15.56		
15	QPSK	75	0	15.66	15.58	15.65		
15	16QAM	1	0	15.59	15.70	15.74	16.5	0
15	16QAM	1	37	15.70	15.68	15.71		
15	16QAM	1	74	15.62	15.69	15.70		
15	16QAM	36	0	15.60	15.61	15.55	16.5	0
15	16QAM	36	20	15.52	15.54	15.59		
15	16QAM	36	39	15.72	15.58	15.65		
15	16QAM	75	0	15.75	15.57	15.62		
15	64QAM	1	0	15.55	15.60	15.48	16.5	0
15	64QAM	1	37	15.65	15.69	15.72		
15	64QAM	1	74	15.75	15.66	15.60		
15	64QAM	36	0	15.62	15.59	15.61	16.5	0
15	64QAM	36	20	15.66	15.63	15.69		
15	64QAM	36	39	15.72	15.53	15.61		
15	64QAM	75	0	15.53	15.56	15.65		
15	256QAM	1	0	15.67	15.48	15.42	16.5	0
15	256QAM	1	37	15.69	15.53	15.30		
15	256QAM	1	74	15.63	15.50	15.31		
15	256QAM	36	0	15.59	15.45	15.44	16.5	0
15	256QAM	36	20	15.56	15.56	15.39		
15	256QAM	36	39	15.56	15.52	15.41		
15	256QAM	75	0	15.54	15.47	15.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.72	15.59	15.45	16.5	0
10	QPSK	1	25	15.76	15.58	15.37		
10	QPSK	1	49	15.68	15.60	15.43		
10	QPSK	25	0	15.68	15.54	15.57	16.5	0
10	QPSK	25	12	15.61	15.57	15.50		
10	QPSK	25	25	15.62	15.55	15.54		
10	QPSK	50	0	15.63	15.53	15.62		
10	16QAM	1	0	15.66	15.75	15.76	16.5	0
10	16QAM	1	25	15.65	15.69	15.65		
10	16QAM	1	49	15.63	15.69	15.76		
10	16QAM	25	0	15.60	15.55	15.54	16.5	0
10	16QAM	25	12	15.57	15.61	15.61		
10	16QAM	25	25	15.66	15.56	15.65		
10	16QAM	50	0	15.75	15.53	15.65		
10	64QAM	1	0	15.54	15.58	15.54	16.5	0
10	64QAM	1	25	15.64	15.70	15.69		
10	64QAM	1	49	15.69	15.61	15.60		
10	64QAM	25	0	15.57	15.65	15.56	16.5	0
10	64QAM	25	12	15.59	15.56	15.64		
10	64QAM	25	25	15.63	15.56	15.67		
10	64QAM	50	0	15.54	15.58	15.59		
10	256QAM	1	0	15.60	15.51	15.41	16.5	0
10	256QAM	1	25	15.62	15.56	15.29		
10	256QAM	1	49	15.63	15.44	15.28		
10	256QAM	25	0	15.58	15.52	15.43	16.5	0
10	256QAM	25	12	15.49	15.52	15.43		
10	256QAM	25	25	15.55	15.50	15.43		
10	256QAM	50	0	15.49	15.51	15.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.73	15.57	15.42	16.5	0
5	QPSK	1	12	15.74	15.62	15.40		
5	QPSK	1	24	15.69	15.59	15.43		
5	QPSK	12	0	15.67	15.61	15.51	16.5	0
5	QPSK	12	7	15.61	15.61	15.52		
5	QPSK	12	13	15.60	15.60	15.54		
5	QPSK	25	0	15.65	15.58	15.57		
5	16QAM	1	0	15.64	15.73	15.73	16.5	0
5	16QAM	1	12	15.67	15.70	15.65		
5	16QAM	1	24	15.64	15.69	15.75		
5	16QAM	12	0	15.60	15.58	15.50	16.5	0
5	16QAM	12	7	15.54	15.61	15.60		
5	16QAM	12	13	15.67	15.60	15.58		
5	16QAM	25	0	15.75	15.58	15.60		
5	64QAM	1	0	15.54	15.58	15.47	16.5	0
5	64QAM	1	12	15.62	15.67	15.64		
5	64QAM	1	24	15.75	15.61	15.62		
5	64QAM	12	0	15.56	15.61	15.57	16.5	0
5	64QAM	12	7	15.67	15.65	15.70		
5	64QAM	12	13	15.64	15.54	15.68		
5	64QAM	25	0	15.55	15.61	15.57		
5	256QAM	1	0	15.66	15.47	15.41	16.5	0
5	256QAM	1	12	15.64	15.55	15.27		
5	256QAM	1	24	15.61	15.46	15.30		
5	256QAM	12	0	15.55	15.47	15.52	16.5	0
5	256QAM	12	7	15.57	15.58	15.47		
5	256QAM	12	13	15.56	15.47	15.45		
5	256QAM	25	0	15.49	15.46	15.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.26	17.23	17.20	18	0
20	QPSK	1	49	17.25	17.20	17.12		
20	QPSK	1	99	17.20	17.12	17.10		
20	QPSK	50	0	17.23	17.20	17.19	18	0
20	QPSK	50	24	17.08	17.18	17.16		
20	QPSK	50	50	17.04	17.10	17.11		
20	QPSK	100	0	17.20	17.09	17.11		
20	16QAM	1	0	17.09	17.19	17.12	18	0
20	16QAM	1	49	17.04	17.08	17.12		
20	16QAM	1	99	17.05	17.17	17.08		
20	16QAM	50	0	17.22	17.21	17.06	18	0
20	16QAM	50	24	17.12	17.20	17.18		
20	16QAM	50	50	17.05	17.04	17.15		
20	16QAM	100	0	17.07	17.22	17.11		
20	64QAM	1	0	17.17	17.22	17.19	18	0
20	64QAM	1	49	17.21	17.03	17.04		
20	64QAM	1	99	17.09	17.05	17.05		
20	64QAM	50	0	17.21	17.04	17.16	18	0
20	64QAM	50	24	17.13	17.04	17.21		
20	64QAM	50	50	17.04	17.05	17.13		
20	64QAM	100	0	17.08	17.21	17.11		
20	256QAM	1	0	17.24	17.20	17.13	18	0
20	256QAM	1	49	17.19	17.15	17.06		
20	256QAM	1	99	17.17	17.12	17.06		
20	256QAM	50	0	17.23	17.18	17.14	18	0
20	256QAM	50	24	17.06	17.15	17.12		
20	256QAM	50	50	16.99	17.05	17.06		
20	256QAM	100	0	17.17	17.06	17.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.25	17.20	17.15	18	0
15	QPSK	1	37	17.19	17.16	17.12		
15	QPSK	1	74	17.21	17.05	17.09		
15	QPSK	36	0	17.18	17.12	17.13	18	0
15	QPSK	36	20	17.07	17.18	17.10		
15	QPSK	36	39	17.04	17.03	17.08		
15	QPSK	75	0	17.21	17.06	17.07		
15	16QAM	1	0	17.05	17.17	17.09	18	0
15	16QAM	1	37	17.02	17.05	17.04		
15	16QAM	1	74	17.05	17.15	17.02		
15	16QAM	36	0	17.21	17.22	17.05	18	0
15	16QAM	36	20	17.06	17.15	17.12		
15	16QAM	36	39	17.05	17.02	17.16		
15	16QAM	75	0	17.02	17.22	17.03		
15	64QAM	1	0	17.11	17.22	17.18	18	0
15	64QAM	1	37	17.17	16.95	17.05		
15	64QAM	1	74	17.01	17.05	16.99		
15	64QAM	36	0	17.22	17.01	17.13	18	0
15	64QAM	36	20	17.14	17.05	17.15		
15	64QAM	36	39	16.96	17.05	17.07		
15	64QAM	75	0	17.09	17.20	17.08		
15	256QAM	1	0	17.21	17.13	17.06	18	0
15	256QAM	1	37	17.16	17.09	17.02		
15	256QAM	1	74	17.12	17.11	17.05		
15	256QAM	36	0	17.20	17.13	17.09	18	0
15	256QAM	36	20	17.04	17.12	17.12		
15	256QAM	36	39	16.99	17.00	17.02		
15	256QAM	75	0	17.16	16.98	16.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.24	17.17	17.21	18	0
10	QPSK	1	25	17.20	17.12	17.08		
10	QPSK	1	49	17.16	17.07	17.02		
10	QPSK	25	0	17.22	17.13	17.17	18	0
10	QPSK	25	12	17.06	17.14	17.16		
10	QPSK	25	25	17.05	17.06	17.05		
10	QPSK	50	0	17.13	17.02	17.08		
10	16QAM	1	0	17.10	17.16	17.05	18	0
10	16QAM	1	25	16.97	17.04	17.04		
10	16QAM	1	49	17.01	17.14	17.02		
10	16QAM	25	0	17.23	17.21	17.03	18	0
10	16QAM	25	12	17.13	17.19	17.16		
10	16QAM	25	25	17.00	17.03	17.10		
10	16QAM	50	0	17.01	17.21	17.08		
10	64QAM	1	0	17.13	17.23	17.15	18	0
10	64QAM	1	25	17.15	16.98	17.02		
10	64QAM	1	49	17.05	16.98	17.01		
10	64QAM	25	0	17.13	17.04	17.08	18	0
10	64QAM	25	12	17.07	17.01	17.18		
10	64QAM	25	25	16.99	17.06	17.05		
10	64QAM	50	0	17.01	17.21	17.08		
10	256QAM	1	0	17.22	17.19	17.12	18	0
10	256QAM	1	25	17.13	17.15	16.99		
10	256QAM	1	49	17.13	17.09	17.02		
10	256QAM	25	0	17.15	17.12	17.12	18	0
10	256QAM	25	12	17.02	17.09	17.04		
10	256QAM	25	25	16.97	16.97	16.99		
10	256QAM	50	0	17.18	17.05	16.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.23	17.18	17.21	18	0
5	QPSK	1	12	17.20	17.20	17.12		
5	QPSK	1	24	17.13	17.04	17.07		
5	QPSK	12	0	17.24	17.16	17.16	18	0
5	QPSK	12	7	17.06	17.12	17.16		
5	QPSK	12	13	17.04	17.10	17.10		
5	QPSK	25	0	17.15	17.02	17.06		
5	16QAM	1	0	17.10	17.12	17.05	18	0
5	16QAM	1	12	17.01	17.01	17.12		
5	16QAM	1	24	17.03	17.12	17.00		
5	16QAM	12	0	17.21	17.17	16.99	18	0
5	16QAM	12	7	17.07	17.21	17.16		
5	16QAM	12	13	16.99	17.04	17.11		
5	16QAM	25	0	16.99	17.14	17.03		
5	64QAM	1	0	17.13	17.16	17.18	18	0
5	64QAM	1	12	17.22	17.01	17.01		
5	64QAM	1	24	17.06	17.00	16.97		
5	64QAM	12	0	17.16	17.00	17.13	18	0
5	64QAM	12	7	17.12	17.03	17.16		
5	64QAM	12	13	16.96	17.02	17.08		
5	64QAM	25	0	17.01	17.13	17.07		
5	256QAM	1	0	17.22	17.14	17.12	18	0
5	256QAM	1	12	17.13	17.07	17.05		
5	256QAM	1	24	17.13	17.10	17.07		
5	256QAM	12	0	17.19	17.18	17.09	18	0
5	256QAM	12	7	16.98	17.14	17.11		
5	256QAM	12	13	16.95	17.01	17.06		
5	256QAM	25	0	17.16	17.07	16.97		
Channel				131867	132322	132637	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.19	17.19	17.13	18	0
3	QPSK	1	8	17.24	17.16	17.09		
3	QPSK	1	14	17.17	17.13	17.06		
3	QPSK	8	0	17.16	17.14	17.12	18	0
3	QPSK	8	4	17.07	17.10	17.14		
3	QPSK	8	7	17.01	17.10	17.06		
3	QPSK	15	0	17.14	17.10	17.05		
3	16QAM	1	0	17.07	17.16	17.04	18	0
3	16QAM	1	8	17.06	17.05	17.12		
3	16QAM	1	14	17.02	17.16	17.02		
3	16QAM	8	0	17.21	17.14	17.03	18	0
3	16QAM	8	4	17.07	17.13	17.11		
3	16QAM	8	7	16.99	16.97	17.14		
3	16QAM	15	0	17.06	17.16	17.06		
3	64QAM	1	0	17.12	17.14	17.11	18	0
3	64QAM	1	8	17.21	16.98	16.98		
3	64QAM	1	14	17.01	17.01	16.98		
3	64QAM	8	0	17.21	16.98	17.15	18	0
3	64QAM	8	4	17.08	16.99	17.18		
3	64QAM	8	7	17.02	17.04	17.11		
3	64QAM	15	0	17.06	17.16	17.05		
3	256QAM	1	0	17.21	17.13	17.06	18	0
3	256QAM	1	8	17.13	17.07	16.98		
3	256QAM	1	14	17.11	17.08	17.06		
3	256QAM	8	0	17.24	17.16	17.11	18	0
3	256QAM	8	4	17.03	17.16	17.11		
3	256QAM	8	7	16.93	17.03	16.99		
3	256QAM	15	0	17.18	17.05	17.04		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.25	17.22	17.16	18	0
1.4	QPSK	1	3	17.21	17.15	17.04		
1.4	QPSK	1	5	17.20	17.04	17.05		
1.4	QPSK	3	0	17.16	17.12	17.11		
1.4	QPSK	3	1	17.07	17.14	17.13		
1.4	QPSK	3	3	17.05	17.07	17.12		
1.4	QPSK	6	0	17.17	17.06	17.09	18	0
1.4	16QAM	1	0	17.04	17.16	17.05	18	0
1.4	16QAM	1	3	17.02	17.02	17.10		
1.4	16QAM	1	5	16.97	17.17	17.02		
1.4	16QAM	3	0	17.15	17.19	16.99		
1.4	16QAM	3	1	17.07	17.20	17.11		
1.4	16QAM	3	3	17.05	17.00	17.16		
1.4	16QAM	6	0	17.04	17.20	17.04	18	0
1.4	64QAM	1	0	17.18	17.22	17.18	18	0
1.4	64QAM	1	3	17.16	16.95	17.04		
1.4	64QAM	1	5	17.08	16.99	17.00		
1.4	64QAM	3	0	17.16	17.03	17.14		
1.4	64QAM	3	1	17.11	17.04	17.14		
1.4	64QAM	3	3	16.98	17.06	17.10		
1.4	64QAM	6	0	17.00	17.16	17.03	18	0
1.4	256QAM	1	0	17.20	17.12	17.08	18	0
1.4	256QAM	1	3	17.14	17.07	17.07		
1.4	256QAM	1	5	17.09	17.04	17.05		
1.4	256QAM	3	0	17.15	17.12	17.10		
1.4	256QAM	3	1	17.02	17.08	17.11		
1.4	256QAM	3	3	16.92	17.03	17.00		
1.4	256QAM	6	0	17.14	17.02	17.04	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	20.73	20.74	22	0
20	QPSK	1	49	20.75	20.64	20.67		
20	QPSK	1	99	20.67	20.58	20.61		
20	QPSK	50	0	20.78	20.64	20.66	22	0
20	QPSK	50	24	20.77	20.61	20.55		
20	QPSK	50	50	20.69	20.63	20.61		
20	QPSK	100	0	20.71	20.64	20.63		
20	16QAM	1	0	20.75	20.78	20.78	22	0
20	16QAM	1	49	20.79	20.79	20.77		
20	16QAM	1	99	20.67	20.75	20.76		
20	16QAM	50	0	20.72	20.67	20.76	22	0
20	16QAM	50	24	20.73	20.66	20.67		
20	16QAM	50	50	20.61	20.69	20.74		
20	16QAM	100	0	20.79	20.71	20.71		
20	64QAM	1	0	20.73	20.73	20.76	22	0
20	64QAM	1	49	20.73	20.74	20.75		
20	64QAM	1	99	20.68	20.71	20.71		
20	64QAM	50	0	20.13	19.96	19.81	21	1
20	64QAM	50	24	19.94	19.91	19.75		
20	64QAM	50	50	19.87	19.87	19.80		
20	64QAM	100	0	19.86	19.85	19.76		
20	256QAM	1	0	17.67	17.46	17.51	19	3
20	256QAM	1	49	17.50	17.39	17.42		
20	256QAM	1	99	17.42	17.38	17.39		
20	256QAM	50	0	17.53	17.37	17.44	19	3
20	256QAM	50	24	17.56	17.39	17.28		
20	256QAM	50	50	17.44	17.37	17.37		
20	256QAM	100	0	17.51	17.37	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.87	20.73	20.66	22	0
15	QPSK	1	37	20.71	20.65	20.61		
15	QPSK	1	74	20.60	20.53	20.62		
15	QPSK	36	0	20.75	20.58	20.65	22	0
15	QPSK	36	20	20.72	20.55	20.50		
15	QPSK	36	39	20.65	20.61	20.60		
15	QPSK	75	0	20.70	20.58	20.58		
15	16QAM	1	0	20.73	20.71	20.75	22	0
15	16QAM	1	37	20.77	20.75	20.74		
15	16QAM	1	74	20.68	20.70	20.75		
15	16QAM	36	0	20.64	20.63	20.71	22	0
15	16QAM	36	20	20.70	20.63	20.59		
15	16QAM	36	39	20.62	20.62	20.75		
15	16QAM	75	0	20.71	20.70	20.66		
15	64QAM	1	0	20.74	20.71	20.68	22	0
15	64QAM	1	37	20.70	20.72	20.71		
15	64QAM	1	74	20.60	20.63	20.70		
15	64QAM	36	0	20.13	19.92	19.81	21	1
15	64QAM	36	20	19.88	19.86	19.73		
15	64QAM	36	39	19.82	19.87	19.80		
15	64QAM	75	0	19.79	19.86	19.73		
15	256QAM	1	0	17.65	17.42	17.49	19	3
15	256QAM	1	37	17.46	17.33	17.36		
15	256QAM	1	74	17.38	17.33	17.40		
15	256QAM	36	0	17.48	17.34	17.45	19	3
15	256QAM	36	20	17.50	17.33	17.27		
15	256QAM	36	39	17.40	17.30	17.30		
15	256QAM	75	0	17.49	17.32	17.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.86	20.70	20.75	22	0
10	QPSK	1	25	20.76	20.65	20.60		
10	QPSK	1	49	20.63	20.58	20.60		
10	QPSK	25	0	20.78	20.58	20.64	22	0
10	QPSK	25	12	20.78	20.54	20.50		
10	QPSK	25	25	20.64	20.60	20.61		
10	QPSK	50	0	20.72	20.64	20.61		
10	16QAM	1	0	20.73	20.76	20.73	22	0
10	16QAM	1	25	20.74	20.76	20.73		
10	16QAM	1	49	20.64	20.75	20.68		
10	16QAM	25	0	20.70	20.68	20.75	22	0
10	16QAM	25	12	20.73	20.67	20.66		
10	16QAM	25	25	20.61	20.69	20.74		
10	16QAM	50	0	20.73	20.63	20.67		
10	64QAM	1	0	20.71	20.72	20.73	22	0
10	64QAM	1	25	20.73	20.69	20.75		
10	64QAM	1	49	20.65	20.72	20.72		
10	64QAM	25	0	20.13	19.94	19.79	21	1
10	64QAM	25	12	19.88	19.85	19.74		
10	64QAM	25	25	19.82	19.84	19.74		
10	64QAM	50	0	19.86	19.79	19.77		
10	256QAM	1	0	17.65	17.39	17.52	19	3
10	256QAM	1	25	17.50	17.35	17.35		
10	256QAM	1	49	17.41	17.32	17.31		
10	256QAM	25	0	17.45	17.38	17.44	19	3
10	256QAM	25	12	17.50	17.38	17.20		
10	256QAM	25	25	17.38	17.31	17.37		
10	256QAM	50	0	17.50	17.38	17.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.83	20.70	20.74	22	0
5	QPSK	1	12	20.76	20.65	20.67		
5	QPSK	1	24	20.65	20.53	20.59		
5	QPSK	12	0	20.79	20.57	20.60	22	0
5	QPSK	12	7	20.74	20.61	20.56		
5	QPSK	12	13	20.66	20.55	20.56		
5	QPSK	25	0	20.65	20.60	20.63		
5	16QAM	1	0	20.72	20.77	20.78	22	0
5	16QAM	1	12	20.71	20.74	20.69		
5	16QAM	1	24	20.59	20.75	20.72		
5	16QAM	12	0	20.73	20.66	20.70	22	0
5	16QAM	12	7	20.70	20.67	20.61		
5	16QAM	12	13	20.53	20.66	20.69		
5	16QAM	25	0	20.71	20.72	20.71		
5	64QAM	1	0	20.66	20.70	20.69	22	0
5	64QAM	1	12	20.70	20.73	20.76		
5	64QAM	1	24	20.67	20.63	20.65		
5	64QAM	12	0	20.11	19.93	19.81	21	1
5	64QAM	12	7	19.93	19.83	19.76		
5	64QAM	12	13	19.83	19.86	19.81		
5	64QAM	25	0	19.83	19.79	19.74		
5	256QAM	1	0	17.66	17.42	17.48	19	3
5	256QAM	1	12	17.50	17.39	17.39		
5	256QAM	1	24	17.40	17.30	17.36		
5	256QAM	12	0	17.46	17.36	17.39	19	3
5	256QAM	12	7	17.55	17.35	17.25		
5	256QAM	12	13	17.39	17.35	17.31		
5	256QAM	25	0	17.45	17.35	17.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.85	20.73	20.71	22	0
3	QPSK	1	8	20.70	20.62	20.66		
3	QPSK	1	14	20.59	20.57	20.62		
3	QPSK	8	0	20.74	20.56	20.63	22	0
3	QPSK	8	4	20.69	20.58	20.56		
3	QPSK	8	7	20.61	20.62	20.58		
3	QPSK	15	0	20.72	20.58	20.61		
3	16QAM	1	0	20.69	20.78	20.73	22	0
3	16QAM	1	8	20.72	20.72	20.77		
3	16QAM	1	14	20.67	20.70	20.77		
3	16QAM	8	0	20.73	20.63	20.75	22	0
3	16QAM	8	4	20.65	20.66	20.59		
3	16QAM	8	7	20.55	20.63	20.70		
3	16QAM	15	0	20.75	20.64	20.63		
3	64QAM	1	0	20.66	20.72	20.77	22	0
3	64QAM	1	8	20.73	20.74	20.69		
3	64QAM	1	14	20.67	20.66	20.67		
3	64QAM	8	0	20.10	19.94	19.80	21	1
3	64QAM	8	4	19.89	19.83	19.69		
3	64QAM	8	7	19.79	19.80	19.72		
3	64QAM	15	0	19.86	19.78	19.69		
3	256QAM	1	0	17.64	17.44	17.47	19	3
3	256QAM	1	8	17.48	17.32	17.35		
3	256QAM	1	14	17.37	17.31	17.36		
3	256QAM	8	0	17.45	17.30	17.39	19	3
3	256QAM	8	4	17.54	17.32	17.26		
3	256QAM	8	7	17.37	17.31	17.31		
3	256QAM	15	0	17.44	17.36	17.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.82	20.68	20.74	22	0
1.4	QPSK	1	3	20.68	20.57	20.63		
1.4	QPSK	1	5	20.66	20.50	20.56		
1.4	QPSK	3	0	20.75	20.57	20.62		
1.4	QPSK	3	1	20.78	20.53	20.50		
1.4	QPSK	3	3	20.62	20.57	20.53		
1.4	QPSK	6	0	20.68	20.60	20.63	22	0
1.4	16QAM	1	0	20.71	20.75	20.75	22	0
1.4	16QAM	1	3	20.74	20.78	20.73		
1.4	16QAM	1	5	20.59	20.73	20.68		
1.4	16QAM	3	0	20.71	20.59	20.69		
1.4	16QAM	3	1	20.73	20.61	20.68		
1.4	16QAM	3	3	20.62	20.68	20.68		
1.4	16QAM	6	0	20.76	20.71	20.72	22	0
1.4	64QAM	1	0	20.73	20.74	20.77	22	0
1.4	64QAM	1	3	20.74	20.67	20.69		
1.4	64QAM	1	5	20.63	20.67	20.71		
1.4	64QAM	3	0	20.83	20.63	20.51		
1.4	64QAM	3	1	20.64	20.59	20.43		
1.4	64QAM	3	3	20.54	20.52	20.47		
1.4	64QAM	6	0	19.84	19.80	19.71	21	1
1.4	256QAM	1	0	17.60	17.41	17.49	19	3
1.4	256QAM	1	3	17.45	17.34	17.40		
1.4	256QAM	1	5	17.43	17.35	17.33		
1.4	256QAM	3	0	17.49	17.33	17.43		
1.4	256QAM	3	1	17.48	17.36	17.24		
1.4	256QAM	3	3	17.44	17.31	17.36		
1.4	256QAM	6	0	17.48	17.32	17.32	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.95	23.09	22.70	24	0
20	QPSK	1	49	22.73	22.65	22.70		
20	QPSK	1	99	22.63	22.60	22.64		
20	QPSK	50	0	21.93	22.11	21.97	23	1
20	QPSK	50	24	22.10	21.92	21.97		
20	QPSK	50	50	21.90	21.83	21.97		
20	QPSK	100	0	21.98	22.01	22.01		
20	16QAM	1	0	22.17	22.30	22.18	23	1
20	16QAM	1	49	22.16	22.04	22.15		
20	16QAM	1	99	22.08	22.11	22.19		
20	16QAM	50	0	20.89	20.95	20.97	22	2
20	16QAM	50	24	21.10	20.92	21.01		
20	16QAM	50	50	20.90	20.85	21.00		
20	16QAM	100	0	20.96	20.89	20.99		
20	64QAM	1	0	20.32	20.91	21.19	22	2
20	64QAM	1	49	20.67	21.00	20.80		
20	64QAM	1	99	20.93	21.04	20.88		
20	64QAM	50	0	19.42	20.02	20.04	21	3
20	64QAM	50	24	19.65	19.96	19.84		
20	64QAM	50	50	19.67	19.87	19.26		
20	64QAM	100	0	19.87	19.94	19.94		
20	256QAM	1	0	17.87	18.09	17.62	19	5
20	256QAM	1	49	17.71	17.86	17.41		
20	256QAM	1	99	17.62	17.92	17.54		
20	256QAM	50	0	17.95	17.62	17.55	19	5
20	256QAM	50	24	17.83	17.61	17.57		
20	256QAM	50	50	17.70	17.51	17.66		
20	256QAM	100	0	17.72	17.56	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.88	22.72	22.73	24	0
15	QPSK	1	37	22.64	22.58	22.73		
15	QPSK	1	74	22.60	22.62	22.65		
15	QPSK	36	0	21.83	21.92	22.03	23	1
15	QPSK	36	20	21.84	21.91	22.12		
15	QPSK	36	39	21.97	21.89	22.00		
15	QPSK	75	0	21.97	21.92	22.01		
15	16QAM	1	0	22.11	22.35	22.29	23	1
15	16QAM	1	37	21.90	22.10	22.29		
15	16QAM	1	74	22.24	22.17	22.19		
15	16QAM	36	0	20.77	20.97	21.01	22	2
15	16QAM	36	20	20.80	20.93	21.13		
15	16QAM	36	39	21.00	20.88	21.02		
15	16QAM	75	0	20.95	20.94	21.02		
15	64QAM	1	0	20.38	21.13	21.21	22	2
15	64QAM	1	37	20.36	21.05	20.28		
15	64QAM	1	74	20.78	21.06	20.23		
15	64QAM	36	0	19.33	19.96	19.85	21	3
15	64QAM	36	20	19.37	19.95	19.28		
15	64QAM	36	39	19.12	19.95	19.04		
15	64QAM	75	0	19.50	19.92	19.44		
15	256QAM	1	0	17.65	17.62	17.67	19	5
15	256QAM	1	37	17.99	17.69	17.59		
15	256QAM	1	74	17.55	17.59	17.71		
15	256QAM	36	0	18.07	17.94	17.80	19	5
15	256QAM	36	20	18.03	17.88	17.62		
15	256QAM	36	39	17.80	17.51	17.77		
15	256QAM	75	0	17.54	18.07	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.08	22.80	22.90	24	0
10	QPSK	1	25	22.64	22.72	22.84		
10	QPSK	1	49	22.92	22.68	22.79		
10	QPSK	25	0	21.92	22.04	22.16	23	1
10	QPSK	25	12	21.81	22.03	22.07		
10	QPSK	25	25	21.88	22.02	22.04		
10	QPSK	50	0	21.87	22.04	22.12		
10	16QAM	1	0	22.26	22.34	22.34	23	1
10	16QAM	1	25	21.85	22.23	22.12		
10	16QAM	1	49	22.27	22.21	22.30		
10	16QAM	25	0	20.86	21.08	21.18	22	2
10	16QAM	25	12	20.76	21.10	21.07		
10	16QAM	25	25	20.83	21.03	21.04		
10	16QAM	50	0	20.86	21.08	21.15		
10	64QAM	1	0	20.82	21.21	20.79	22	2
10	64QAM	1	25	20.32	21.21	20.63		
10	64QAM	1	49	20.79	21.13	20.33		
10	64QAM	25	0	19.39	20.10	19.29	21	3
10	64QAM	25	12	19.29	20.08	19.28		
10	64QAM	25	25	19.39	20.05	19.24		
10	64QAM	50	0	19.41	20.09	19.16		
10	256QAM	1	0	17.82	17.76	17.91	19	5
10	256QAM	1	25	17.99	17.80	17.67		
10	256QAM	1	49	17.51	17.61	17.68		
10	256QAM	25	0	17.64	17.53	18.02	19	5
10	256QAM	25	12	17.55	18.07	17.64		
10	256QAM	25	25	17.94	17.84	17.79		
10	256QAM	50	0	18.02	17.97	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.80	22.87	24	0
5	QPSK	1	12	22.53	22.73	22.68		
5	QPSK	1	24	22.55	22.71	22.84		
5	QPSK	12	0	21.75	21.97	21.83	23	1
5	QPSK	12	7	21.65	22.00	21.84		
5	QPSK	12	13	21.58	21.96	21.90		
5	QPSK	25	0	21.64	22.04	21.84		
5	16QAM	1	0	22.07	22.33	22.07	23	1
5	16QAM	1	12	21.78	22.29	21.97		
5	16QAM	1	24	21.76	22.19	22.22		
5	16QAM	12	0	20.70	21.06	20.82	22	2
5	16QAM	12	7	20.62	21.05	20.86		
5	16QAM	12	13	20.58	21.02	20.91		
5	16QAM	25	0	20.62	21.01	20.86		
5	64QAM	1	0	20.55	21.24	20.66	22	2
5	64QAM	1	12	20.28	21.12	20.48		
5	64QAM	1	24	20.28	21.19	20.78		
5	64QAM	12	0	19.27	20.02	19.44	21	3
5	64QAM	12	7	19.18	20.05	19.45		
5	64QAM	12	13	19.15	20.04	19.51		
5	64QAM	25	0	19.16	20.01	19.41		
5	256QAM	1	0	17.63	17.82	18.04	19	5
5	256QAM	1	12	17.67	17.78	17.60		
5	256QAM	1	24	18.05	17.68	17.82		
5	256QAM	12	0	17.76	18.08	17.92	19	5
5	256QAM	12	7	17.88	17.97	17.76		
5	256QAM	12	13	18.01	17.68	18.02		
5	256QAM	25	0	18.09	18.05	17.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.80	22.76	22.77	24	0
3	QPSK	1	8	22.67	22.83	22.76		
3	QPSK	1	14	22.56	22.73	22.81		
3	QPSK	8	0	21.72	21.99	21.78	23	1
3	QPSK	8	4	21.68	22.02	21.83		
3	QPSK	8	7	21.61	21.98	21.84		
3	QPSK	15	0	21.65	21.96	21.81		
3	16QAM	1	0	21.97	22.26	21.92	23	1
3	16QAM	1	8	21.91	22.36	22.04		
3	16QAM	1	14	21.81	22.25	22.12		
3	16QAM	8	0	20.74	21.03	20.81	22	2
3	16QAM	8	4	20.68	21.01	20.86		
3	16QAM	8	7	20.63	21.02	20.90		
3	16QAM	15	0	20.64	20.97	20.85		
3	64QAM	1	0	20.43	21.09	20.53	22	2
3	64QAM	1	8	20.37	21.21	20.60		
3	64QAM	1	14	20.30	21.21	20.68		
3	64QAM	8	0	19.26	20.07	19.38	21	3
3	64QAM	8	4	19.21	20.10	19.44		
3	64QAM	8	7	19.15	20.03	19.48		
3	64QAM	15	0	19.17	20.02	19.39		
3	256QAM	1	0	17.72	17.96	17.65	19	5
3	256QAM	1	8	18.06	17.95	17.98		
3	256QAM	1	14	17.99	17.74	17.51		
3	256QAM	8	0	17.75	17.56	17.66	19	5
3	256QAM	8	4	18.00	17.77	17.93		
3	256QAM	8	7	18.10	17.68	17.88		
3	256QAM	15	0	17.54	17.78	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.80	22.63	22.69	24	0
1.4	QPSK	1	3	22.72	22.66	22.71		
1.4	QPSK	1	5	22.59	22.62	22.67		
1.4	QPSK	3	0	22.65	22.67	22.61		
1.4	QPSK	3	1	22.65	22.74	22.66		
1.4	QPSK	3	3	22.56	22.71	22.65		
1.4	QPSK	6	0	21.66	21.92	21.71	24	0
1.4	16QAM	1	0	21.83	22.22	21.90	24	0
1.4	16QAM	1	3	21.88	22.30	22.02		
1.4	16QAM	1	5	21.83	22.18	21.96		
1.4	16QAM	3	0	21.64	22.01	21.69		
1.4	16QAM	3	1	21.64	22.04	21.77		
1.4	16QAM	3	3	21.58	21.93	21.74		
1.4	16QAM	6	0	20.67	20.97	20.81	24	0
1.4	64QAM	1	0	20.32	21.19	20.41	24	0
1.4	64QAM	1	3	20.39	21.15	20.55		
1.4	64QAM	1	5	20.26	21.16	20.48		
1.4	64QAM	3	0	20.33	21.09	20.41		
1.4	64QAM	3	1	20.41	21.08	20.46		
1.4	64QAM	3	3	20.29	20.99	20.45		
1.4	64QAM	6	0	19.14	19.92	19.27	23	1
1.4	256QAM	1	0	17.72	18.07	17.64	21	3
1.4	256QAM	1	3	17.87	17.66	17.97		
1.4	256QAM	1	5	17.60	18.05	18.07		
1.4	256QAM	3	0	17.70	18.04	18.09		
1.4	256QAM	3	1	17.67	18.00	17.67		
1.4	256QAM	3	3	17.82	17.59	17.79		
1.4	256QAM	6	0	18.06	17.55	17.63	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.78	22.99	22.73	24	0
10	QPSK	1	25	22.91	22.77	22.61		
10	QPSK	1	49	22.84	22.69	22.51		
10	QPSK	25	0	22.08	22.16	21.97	23	1
10	QPSK	25	12	22.15	22.04	21.96		
10	QPSK	25	25	22.10	21.98	21.78		
10	QPSK	50	0	22.17	22.05	21.91		
10	16QAM	1	0	22.35	22.38	22.21	23	1
10	16QAM	1	25	22.38	22.30	22.13		
10	16QAM	1	49	22.50	22.17	22.04		
10	16QAM	25	0	21.14	21.06	21.02	22	2
10	16QAM	25	12	21.22	21.06	21.01		
10	16QAM	25	25	21.15	21.00	20.84		
10	16QAM	50	0	21.18	21.00	20.96		
10	64QAM	1	0	21.22	21.20	21.21	22	2
10	64QAM	1	25	21.17	21.18	20.99		
10	64QAM	1	49	21.20	21.05	20.99		
10	64QAM	25	0	20.16	20.09	20.01	21	3
10	64QAM	25	12	20.23	20.11	20.00		
10	64QAM	25	25	20.21	20.02	19.87		
10	64QAM	50	0	20.22	20.05	19.97		
10	256QAM	1	0	17.94	17.95	17.91	19	5
10	256QAM	1	25	17.97	17.92	17.83		
10	256QAM	1	49	17.89	17.88	17.92		
10	256QAM	25	0	18.06	17.96	17.75	19	5
10	256QAM	25	12	18.02	17.91	17.79		
10	256QAM	25	25	17.98	17.83	17.68		
10	256QAM	50	0	17.97	17.90	17.79		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.92	22.91	22.61	24	0
5	QPSK	1	12	22.87	22.80	22.64		
5	QPSK	1	24	22.89	22.77	22.51		
5	QPSK	12	0	22.16	21.99	21.87	23	1
5	QPSK	12	7	22.15	21.97	21.85		
5	QPSK	12	13	22.10	21.95	21.81		
5	QPSK	25	0	22.13	22.00	21.83		
5	16QAM	1	0	22.50	22.31	22.07	23	1
5	16QAM	1	12	22.50	22.32	22.03		
5	16QAM	1	24	22.45	22.31	22.16		
5	16QAM	12	0	21.15	21.03	20.88	22	2
5	16QAM	12	7	21.18	21.01	20.88		
5	16QAM	12	13	21.18	21.01	20.83		
5	16QAM	25	0	21.15	21.02	20.85		
5	64QAM	1	0	21.33	21.17	20.97	22	2
5	64QAM	1	12	21.21	21.12	20.85		
5	64QAM	1	24	21.29	21.14	20.94		
5	64QAM	12	0	20.16	20.09	19.88	21	3
5	64QAM	12	7	20.22	20.06	19.95		
5	64QAM	12	13	20.15	20.02	19.86		
5	64QAM	25	0	20.17	20.03	19.86		
5	256QAM	1	0	17.68	17.56	17.56	19	5
5	256QAM	1	12	17.98	17.70	18.00		
5	256QAM	1	24	17.73	17.58	17.61		
5	256QAM	12	0	17.55	17.72	18.07	19	5
5	256QAM	12	7	17.66	17.70	18.02		
5	256QAM	12	13	17.62	17.90	17.74		
5	256QAM	25	0	17.77	17.56	17.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.94	22.81	22.63	24	0
3	QPSK	1	8	22.91	22.83	22.57		
3	QPSK	1	14	22.88	22.75	22.53		
3	QPSK	8	0	22.11	21.97	21.77	23	1
3	QPSK	8	4	22.17	21.98	21.79		
3	QPSK	8	7	22.09	21.93	21.80		
3	QPSK	15	0	22.09	21.93	21.80		
3	16QAM	1	0	22.41	22.25	22.06	23	1
3	16QAM	1	8	22.58	22.35	22.21		
3	16QAM	1	14	22.32	22.33	22.14		
3	16QAM	8	0	21.11	20.99	20.83	22	2
3	16QAM	8	4	21.20	21.05	20.89		
3	16QAM	8	7	21.12	20.96	20.83		
3	16QAM	15	0	21.16	20.96	20.81		
3	64QAM	1	0	21.31	21.20	21.01	22	2
3	64QAM	1	8	21.27	21.27	21.01		
3	64QAM	1	14	21.28	21.13	21.07		
3	64QAM	8	0	20.20	20.05	19.84	21	3
3	64QAM	8	4	20.18	20.05	19.85		
3	64QAM	8	7	20.14	19.98	19.85		
3	64QAM	15	0	20.16	20.00	19.84		
3	256QAM	1	0	17.51	17.88	17.97	19	5
3	256QAM	1	8	17.54	17.79	18.09		
3	256QAM	1	14	18.07	17.74	17.65		
3	256QAM	8	0	17.87	17.72	17.84	19	5
3	256QAM	8	4	17.53	17.56	17.72		
3	256QAM	8	7	17.70	17.71	17.72		
3	256QAM	15	0	17.79	17.98	18.04		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.75	22.65	22.40	24	0
1.4	QPSK	1	3	22.80	22.76	22.42		
1.4	QPSK	1	5	22.72	22.63	22.35		
1.4	QPSK	3	0	22.80	22.70	22.49		
1.4	QPSK	3	1	22.83	22.72	22.49		
1.4	QPSK	3	3	22.82	22.70	22.46		
1.4	QPSK	6	0	22.03	21.93	21.67	23	1
1.4	16QAM	1	0	22.26	22.22	21.94	23	1
1.4	16QAM	1	3	22.32	22.22	22.05		
1.4	16QAM	1	5	22.36	22.09	22.07		
1.4	16QAM	3	0	22.03	21.98	21.71		
1.4	16QAM	3	1	22.08	22.02	21.75		
1.4	16QAM	3	3	22.00	21.97	21.72		
1.4	16QAM	6	0	21.08	20.97	20.75	22	2
1.4	64QAM	1	0	21.33	21.17	20.83	22	2
1.4	64QAM	1	3	21.32	21.13	20.90		
1.4	64QAM	1	5	21.18	21.08	20.83		
1.4	64QAM	3	0	21.14	21.05	20.83		
1.4	64QAM	3	1	21.31	21.07	20.82		
1.4	64QAM	3	3	21.18	21.02	20.82		
1.4	64QAM	6	0	20.00	19.98	19.70	21	3
1.4	256QAM	1	0	17.55	17.55	17.98	19	5
1.4	256QAM	1	3	17.85	17.98	17.68		
1.4	256QAM	1	5	17.79	17.63	17.54		
1.4	256QAM	3	0	17.99	17.92	17.97		
1.4	256QAM	3	1	17.98	17.63	17.56		
1.4	256QAM	3	3	18.01	17.78	17.92		
1.4	256QAM	6	0	17.58	17.52	17.79	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	22.91	22.82	24	0
20	QPSK	1	49	22.90	22.73	22.66		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	22.22	22.04	21.92	23	1
20	QPSK	50	24	22.17	22.08	21.88		
20	QPSK	50	50	22.05	21.98	21.95		
20	QPSK	100	0	22.18	22.07	21.94		
20	16QAM	1	0	22.40	22.34	22.34	23	1
20	16QAM	1	49	22.51	22.23	22.30		
20	16QAM	1	99	22.23	22.25	22.21		
20	16QAM	50	0	21.24	21.07	20.90	22	2
20	16QAM	50	24	21.22	21.06	20.88		
20	16QAM	50	50	21.01	21.01	20.90		
20	16QAM	100	0	21.19	21.10	20.86		
20	64QAM	1	0	20.66	21.30	21.02	22	2
20	64QAM	1	49	20.87	21.09	20.99		
20	64QAM	1	99	21.13	21.00	20.91		
20	64QAM	50	0	19.32	20.13	19.93	21	3
20	64QAM	50	24	19.47	20.03	19.89		
20	64QAM	50	50	20.03	19.31	19.93		
20	64QAM	100	0	19.69	20.09	19.93		
20	256QAM	1	0	18.60	18.34	18.22	19	5
20	256QAM	1	49	18.67	18.41	18.48		
20	256QAM	1	99	18.54	18.28	18.38		
20	256QAM	50	0	18.55	18.30	18.22	19	5
20	256QAM	50	24	18.53	18.32	18.25		
20	256QAM	50	50	18.42	18.35	18.33		
20	256QAM	100	0	18.55	18.42	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.88	22.71	22.69	24	0
15	QPSK	1	37	22.86	22.68	22.65		
15	QPSK	1	74	22.72	22.61	22.58		
15	QPSK	36	0	22.20	22.06	21.86	23	1
15	QPSK	36	20	22.10	22.05	21.90		
15	QPSK	36	39	22.04	21.99	21.90		
15	QPSK	75	0	22.10	22.03	21.85		
15	16QAM	1	0	22.45	22.37	22.15	23	1
15	16QAM	1	37	22.42	22.23	22.24		
15	16QAM	1	74	22.34	22.22	22.15		
15	16QAM	36	0	21.19	21.01	20.87	22	2
15	16QAM	36	20	21.11	21.00	20.88		
15	16QAM	36	39	21.03	20.91	20.89		
15	16QAM	75	0	21.09	21.03	20.89		
15	64QAM	1	0	20.89	21.13	21.00	22	2
15	64QAM	1	37	20.39	21.11	21.01		
15	64QAM	1	74	21.06	20.41	20.71		
15	64QAM	36	0	19.51	20.12	19.89	21	3
15	64QAM	36	20	19.46	20.09	19.95		
15	64QAM	36	39	19.76	19.56	19.93		
15	64QAM	75	0	19.59	20.03	19.87		
15	256QAM	1	0	18.73	18.37	18.23	19	5
15	256QAM	1	37	18.88	18.42	18.54		
15	256QAM	1	74	18.61	18.46	18.53		
15	256QAM	36	0	18.55	18.28	18.22	19	5
15	256QAM	36	20	18.49	18.31	18.23		
15	256QAM	36	39	18.47	18.27	18.33		
15	256QAM	75	0	18.48	18.31	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.02	22.86	22.71	24	0
10	QPSK	1	25	23.02	22.80	22.73		
10	QPSK	1	49	22.92	22.73	22.65		
10	QPSK	25	0	22.32	22.15	22.02	23	1
10	QPSK	25	12	22.25	22.15	22.01		
10	QPSK	25	25	22.18	22.08	22.02		
10	QPSK	50	0	22.22	22.13	21.96		
10	16QAM	1	0	22.57	22.47	22.25	23	1
10	16QAM	1	25	22.49	22.37	22.28		
10	16QAM	1	49	22.41	22.26	22.25		
10	16QAM	25	0	21.36	21.19	21.01	22	2
10	16QAM	25	12	21.29	21.18	21.05		
10	16QAM	25	25	21.17	21.09	21.03		
10	16QAM	50	0	21.25	21.14	20.98		
10	64QAM	1	0	20.96	21.26	21.06	22	2
10	64QAM	1	25	20.43	21.15	21.04		
10	64QAM	1	49	20.78	20.70	21.11		
10	64QAM	25	0	19.56	20.19	20.05	21	3
10	64QAM	25	12	19.44	20.20	20.04		
10	64QAM	25	25	19.50	19.80	19.84		
10	64QAM	50	0	19.53	20.19	20.01		
10	256QAM	1	0	18.79	18.41	18.33	19	5
10	256QAM	1	25	18.80	18.53	18.55		
10	256QAM	1	49	18.94	18.68	18.52		
10	256QAM	25	0	18.71	18.42	18.32	19	5
10	256QAM	25	12	18.62	18.44	18.44		
10	256QAM	25	25	18.61	18.34	18.51		
10	256QAM	50	0	18.69	18.50	18.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.08	22.83	22.77	24	0
5	QPSK	1	12	23.08	22.83	22.77		
5	QPSK	1	24	23.07	22.81	22.69		
5	QPSK	12	0	22.31	22.09	22.01	23	1
5	QPSK	12	7	22.30	22.10	22.03		
5	QPSK	12	13	22.28	22.07	21.99		
5	QPSK	25	0	22.31	22.07	21.99		
5	16QAM	1	0	22.61	22.39	22.31	23	1
5	16QAM	1	12	22.42	22.28	22.25		
5	16QAM	1	24	22.41	22.36	22.20		
5	16QAM	12	0	21.34	21.15	21.02	22	2
5	16QAM	12	7	21.32	21.11	21.05		
5	16QAM	12	13	21.27	21.09	21.02		
5	16QAM	25	0	21.31	21.10	21.05		
5	64QAM	1	0	20.75	21.32	21.10	22	2
5	64QAM	1	12	20.35	21.20	20.71		
5	64QAM	1	24	20.36	20.95	20.95		
5	64QAM	12	0	19.44	20.14	19.74	21	3
5	64QAM	12	7	19.35	20.15	19.65		
5	64QAM	12	13	19.28	19.93	19.67		
5	64QAM	25	0	19.32	20.13	19.65		
5	256QAM	1	0	18.88	18.53	18.49	19	5
5	256QAM	1	12	18.76	18.67	18.62		
5	256QAM	1	24	18.85	18.52	18.64		
5	256QAM	12	0	18.71	18.34	18.46	19	5
5	256QAM	12	7	18.81	18.43	18.59		
5	256QAM	12	13	18.76	18.41	18.42		
5	256QAM	25	0	18.72	18.45	18.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	22.82	22.71	24	0
3	QPSK	1	8	23.13	22.87	22.75		
3	QPSK	1	14	23.01	22.79	22.71		
3	QPSK	8	0	22.30	22.04	22.02	23	1
3	QPSK	8	4	22.28	22.13	22.06		
3	QPSK	8	7	22.29	22.08	21.96		
3	QPSK	15	0	22.29	22.08	22.00		
3	16QAM	1	0	22.64	22.26	22.24	23	1
3	16QAM	1	8	22.52	22.36	22.30		
3	16QAM	1	14	22.43	22.30	22.14		
3	16QAM	8	0	21.36	21.14	21.01	22	2
3	16QAM	8	4	21.41	21.15	21.05		
3	16QAM	8	7	21.30	21.08	21.01		
3	16QAM	15	0	21.29	21.09	21.01		
3	64QAM	1	0	20.60	21.31	20.72	22	2
3	64QAM	1	8	20.49	21.24	20.78		
3	64QAM	1	14	20.42	21.04	20.90		
3	64QAM	8	0	19.45	20.12	19.57	21	3
3	64QAM	8	4	19.41	20.13	19.63		
3	64QAM	8	7	19.34	20.00	19.64		
3	64QAM	15	0	19.36	20.11	19.60		
3	256QAM	1	0	18.80	18.56	18.59	19	5
3	256QAM	1	8	18.92	18.70	18.52		
3	256QAM	1	14	18.72	18.46	18.49		
3	256QAM	8	0	18.69	18.42	18.41	19	5
3	256QAM	8	4	18.71	18.33	18.37		
3	256QAM	8	7	18.70	18.38	18.44		
3	256QAM	15	0	18.61	18.32	18.32		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.91	22.72	22.60	24	0
1.4	QPSK	1	3	23.00	22.74	22.72		
1.4	QPSK	1	5	22.89	22.69	22.57		
1.4	QPSK	3	0	22.96	22.75	22.65		
1.4	QPSK	3	1	23.00	22.82	22.72		
1.4	QPSK	3	3	23.00	22.75	22.66		
1.4	QPSK	6	0	22.22	21.98	21.92	24	0
1.4	16QAM	1	0	22.48	22.26	22.15	24	0
1.4	16QAM	1	3	22.58	22.33	22.22		
1.4	16QAM	1	5	22.49	22.33	22.13		
1.4	16QAM	3	0	22.24	22.03	21.94		
1.4	16QAM	3	1	22.27	22.02	21.91		
1.4	16QAM	3	3	22.22	21.98	21.97		
1.4	16QAM	6	0	21.30	21.07	20.97	24	0
1.4	64QAM	1	0	20.50	21.23	20.59	24	0
1.4	64QAM	1	3	20.56	21.29	20.78		
1.4	64QAM	1	5	20.37	21.09	20.79		
1.4	64QAM	3	0	20.51	21.24	20.67		
1.4	64QAM	3	1	20.57	21.23	20.75		
1.4	64QAM	3	3	20.44	21.14	20.74		
1.4	64QAM	6	0	19.33	20.02	19.54	23	1
1.4	256QAM	1	0	18.74	18.33	18.36	21	3
1.4	256QAM	1	3	18.77	18.40	18.53		
1.4	256QAM	1	5	18.76	18.46	18.55		
1.4	256QAM	3	0	18.61	18.31	18.37		
1.4	256QAM	3	1	18.86	18.33	18.41		
1.4	256QAM	3	3	18.67	18.40	18.33		
1.4	256QAM	6	0	18.71	18.17	18.21	21	3

Band 48_FCC_Ant4 DSI3

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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.82	19.97	19.84	19.88	20.5	0
20	QPSK	1	49	19.87	19.91	19.77	19.84		
20	QPSK	1	99	19.94	19.99	19.85	19.91		
20	QPSK	50	0	19.92	19.93	19.81	19.84	20.5	0
20	QPSK	50	24	19.89	19.89	19.78	19.75		
20	QPSK	50	50	19.85	19.85	19.74	19.82		
20	QPSK	100	0	19.84	19.86	19.77	19.74		
20	16QAM	1	0	19.97	19.84	19.91	19.95	20.5	0
20	16QAM	1	49	19.90	19.92	19.94	19.95		
20	16QAM	1	99	19.94	19.92	19.98	19.97		
20	16QAM	50	0	19.87	19.92	19.83	19.89	20.5	0
20	16QAM	50	24	19.86	19.87	19.89	19.98		
20	16QAM	50	50	19.87	19.90	19.95	19.95		
20	16QAM	100	0	19.90	19.93	19.88	19.94		
20	64QAM	1	0	19.75	19.88	19.76	19.98	20.5	0
20	64QAM	1	49	19.78	19.87	19.77	19.95		
20	64QAM	1	99	19.85	19.85	19.75	19.95		
20	64QAM	50	0	19.91	19.94	19.90	19.91	20.5	0
20	64QAM	50	24	19.84	19.92	19.89	19.94		
20	64QAM	50	50	19.87	19.90	19.98	19.91		
20	64QAM	100	0	19.86	19.93	19.88	19.98		
20	256QAM	1	0	17.57	17.65	17.54	17.84	19	1.5
20	256QAM	1	49	17.52	17.57	17.45	17.68		
20	256QAM	1	99	17.59	17.58	17.53	17.71		
20	256QAM	50	0	17.85	17.94	17.91	18.12	19	1.5
20	256QAM	50	24	17.85	17.90	17.87	18.05		
20	256QAM	50	50	17.88	17.92	17.87	18.05		
20	256QAM	100	0	17.74	17.80	17.81	17.97		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.75	19.92	19.84	19.87	20.5	0
15	QPSK	1	37	19.80	19.84	19.72	19.81		
15	QPSK	1	74	19.94	19.94	19.86	19.83		
15	QPSK	36	0	19.88	19.91	19.74	19.76	20.5	0
15	QPSK	36	20	19.87	19.83	19.74	19.69		
15	QPSK	36	39	19.77	19.78	19.67	19.79		
15	QPSK	75	0	19.85	19.81	19.71	19.66		
15	16QAM	1	0	19.97	19.83	19.83	19.90	20.5	0
15	16QAM	1	37	19.83	19.87	19.91	19.96		
15	16QAM	1	74	19.93	19.90	19.93	19.96		
15	16QAM	36	0	19.86	19.89	19.78	19.83	20.5	0
15	16QAM	36	20	19.81	19.84	19.89	19.96		
15	16QAM	36	39	19.83	19.84	19.90	19.95		
15	16QAM	75	0	19.87	19.87	19.80	19.93		
15	64QAM	1	0	19.75	19.83	19.75	19.94	20.5	0
15	64QAM	1	37	19.76	19.81	19.76	19.88		
15	64QAM	1	74	19.81	19.78	19.70	19.93		
15	64QAM	36	0	19.88	19.93	19.82	19.85	20.5	0
15	64QAM	36	20	19.78	19.86	19.87	19.91		
15	64QAM	36	39	19.84	19.83	19.94	19.90		
15	64QAM	75	0	19.85	19.90	19.80	19.98		
15	256QAM	1	0	17.53	17.63	17.55	17.80	19	1.5
15	256QAM	1	37	17.44	17.57	17.44	17.68		
15	256QAM	1	74	17.51	17.56	17.46	17.64		
15	256QAM	36	0	17.82	17.88	17.88	18.12	19	1.5
15	256QAM	36	20	17.84	17.84	17.79	18.02		
15	256QAM	36	39	17.89	17.92	17.79	18.00		
15	256QAM	75	0	17.69	17.74	17.81	17.95		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.83	19.89	19.80	19.83	20.5	0
10	QPSK	1	25	19.85	19.86	19.71	19.80		
10	QPSK	1	49	19.94	19.97	19.85	19.89		
10	QPSK	25	0	19.87	19.84	19.80	19.84	20.5	0
10	QPSK	25	12	19.89	19.84	19.72	19.75		
10	QPSK	25	25	19.82	19.84	19.72	19.80		
10	QPSK	50	0	19.82	19.80	19.78	19.74		
10	16QAM	1	0	19.97	19.80	19.87	19.88	20.5	0
10	16QAM	1	25	19.87	19.85	19.94	19.90		
10	16QAM	1	49	19.92	19.85	19.91	19.89		
10	16QAM	25	0	19.79	19.84	19.78	19.88	20.5	0
10	16QAM	25	12	19.80	19.87	19.81	19.96		
10	16QAM	25	25	19.88	19.88	19.88	19.94		
10	16QAM	50	0	19.86	19.88	19.89	19.92		
10	64QAM	1	0	19.70	19.82	19.73	19.94	20.5	0
10	64QAM	1	25	19.73	19.81	19.78	19.90		
10	64QAM	1	49	19.82	19.84	19.75	19.89		
10	64QAM	25	0	19.87	19.86	19.85	19.90	20.5	0
10	64QAM	25	12	19.77	19.87	19.82	19.87		
10	64QAM	25	25	19.83	19.88	19.94	19.88		
10	64QAM	50	0	19.79	19.92	19.86	19.97		
10	256QAM	1	0	17.58	17.63	17.53	17.84	19	1.5
10	256QAM	1	25	17.44	17.50	17.38	17.69		
10	256QAM	1	49	17.56	17.50	17.46	17.64		
10	256QAM	25	0	17.82	17.93	17.85	18.13	19	1.5
10	256QAM	25	12	17.78	17.89	17.79	17.98		
10	256QAM	25	25	17.81	17.93	17.79	17.99		
10	256QAM	50	0	17.74	17.74	17.74	17.91		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.77	19.94	19.81	19.82	20.5	0
5	QPSK	1	12	19.86	19.89	19.78	19.85		
5	QPSK	1	24	19.87	19.94	19.82	19.86		
5	QPSK	12	0	19.90	19.92	19.73	19.85	20.5	0
5	QPSK	12	7	19.86	19.84	19.75	19.68		
5	QPSK	12	13	19.85	19.85	19.71	19.76		
5	QPSK	25	0	19.82	19.79	19.78	19.71		
5	16QAM	1	0	19.89	19.83	19.83	19.92	20.5	0
5	16QAM	1	12	19.86	19.87	19.86	19.95		
5	16QAM	1	24	19.92	19.88	19.98	19.90		
5	16QAM	12	0	19.81	19.91	19.77	19.81	20.5	0
5	16QAM	12	7	19.85	19.87	19.82	19.97		
5	16QAM	12	13	19.79	19.91	19.93	19.90		
5	16QAM	25	0	19.86	19.87	19.81	19.93		
5	64QAM	1	0	19.75	19.84	19.70	19.98	20.5	0
5	64QAM	1	12	19.70	19.83	19.69	19.90		
5	64QAM	1	24	19.78	19.79	19.67	19.90		
5	64QAM	12	0	19.87	19.86	19.89	19.87	20.5	0
5	64QAM	12	7	19.76	19.86	19.81	19.95		
5	64QAM	12	13	19.80	19.86	19.98	19.91		
5	64QAM	25	0	19.79	19.87	19.88	19.90		
5	256QAM	1	0	17.50	17.57	17.47	17.82	19	1.5
5	256QAM	1	12	17.45	17.56	17.46	17.66		
5	256QAM	1	24	17.54	17.58	17.47	17.70		
5	256QAM	12	0	17.80	17.86	17.90	18.07	19	1.5
5	256QAM	12	7	17.81	17.87	17.87	18.05		
5	256QAM	12	13	17.82	17.90	17.82	17.98		
5	256QAM	25	0	17.73	17.75	17.82	17.96		

GSM850—ANT 1 DSI3 Sim-Tx	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.42	32.57	32.32	33.50	23.42	23.57	23.32	24.50
GPRS 1 Tx slot	32.31	32.54	32.24	33.50	23.31	23.54	23.24	24.50
GPRS 2 Tx slots	29.81	29.73	29.48	30.50	23.81	23.73	23.48	24.50
GPRS 3 Tx slots	28.32	28.18	28.01	29.00	24.06	23.92	23.75	24.74
GPRS 4 Tx slots	26.75	26.55	26.44	28.00	23.75	23.55	23.44	25.00
EDGE 1 Tx slot	26.38	26.57	26.35	27.50	17.38	17.57	17.35	18.50
EDGE 2 Tx slots	25.68	25.55	25.61	26.50	19.68	19.55	19.61	20.50
EDGE 3 Tx slots	23.48	23.31	23.76	25.00	19.22	19.05	19.50	20.74
EDGE 4 Tx slots	21.65	21.45	22.03	23.00	18.65	18.45	19.03	20.00

GSM1900—ANT 1 DSI3 Sim-Tx	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.67	23.73	24.22	25.00	14.67	14.73	15.22	16.00
GPRS 1 Tx slot	23.69	23.74	24.21	25.00	14.69	14.74	15.21	16.00
GPRS 2 Tx slots	20.54	20.61	21.15	22.00	14.54	14.61	15.15	16.00
GPRS 3 Tx slots	19.00	18.80	19.40	20.50	14.74	14.54	15.14	16.24
GPRS 4 Tx slots	17.74	17.65	18.15	19.00	14.74	14.65	15.15	16.00
EDGE 1 Tx slot	23.61	24.00	24.20	25.00	14.61	15.00	15.20	16.00
EDGE 2 Tx slots	20.45	20.26	20.68	21.50	14.45	14.26	14.68	15.50
EDGE 3 Tx slots	19.10	19.10	19.12	20.00	14.84	14.84	14.86	15.74
EDGE 4 Tx slots	17.45	17.63	17.45	18.50	14.45	14.63	14.45	15.50

Band		WCDMA II—ANT 1 DSI3 Sim-Tx			Tune-up Limit (dBm)	WCDMA V—ANT 1 DSI3 Sim-Tx			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.24	15.23	15.20	16.00	23.18	23.07	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	15.27	15.26	15.23	16.00	23.26	23.13	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	14.23	14.23	14.18	15.00	22.25	22.13	22.03	23.00
3GPP Rel 6	HSDPA Subtest-2	14.26	14.23	14.21	15.00	22.24	22.16	22.00	23.00
3GPP Rel 6	HSDPA Subtest-3	13.75	13.68	13.76	14.50	21.71	21.64	21.48	22.50
3GPP Rel 6	HSDPA Subtest-4	13.65	13.78	13.77	14.50	21.71	21.62	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.11	14.21	14.29	15.00	22.25	22.18	22.18	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.23	14.29	14.22	15.00	22.21	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.79	13.92	13.84	14.50	21.90	21.82	21.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.84	13.86	13.77	14.50	21.87	21.85	21.85	22.50
3GPP Rel 6	HSUPA Subtest-1	14.34	14.37	14.38	15.00	22.25	22.16	22.19	23.00
3GPP Rel 6	HSUPA Subtest-2	12.38	12.25	12.32	13.00	20.22	20.13	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	13.42	13.31	13.25	14.00	21.23	21.09	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	12.32	12.42	12.32	13.00	20.20	20.08	20.11	21.00
3GPP Rel 6	HSUPA Subtest-5	14.40	14.20	14.43	15.00	22.30	22.10	22.20	23.00

Band 2_ANT 1 DSI3 Sim-Tx

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	15.56	15.50	15.31	16.5	0
20	QPSK	1	49	15.34	15.37	15.30		
20	QPSK	1	99	15.26	15.33	15.30		
20	QPSK	50	0	15.50	15.45	15.43	16.5	0
20	QPSK	50	24	15.43	15.41	15.40		
20	QPSK	50	50	15.35	15.41	15.33		
20	QPSK	100	0	15.46	15.43	15.41		
20	16QAM	1	0	15.41	15.55	15.40	16.5	0
20	16QAM	1	49	15.44	15.46	15.56		
20	16QAM	1	99	15.56	15.49	15.40		
20	16QAM	50	0	15.49	15.48	15.51	16.5	0
20	16QAM	50	24	15.39	15.49	15.48		
20	16QAM	50	50	15.46	15.49	15.40		
20	16QAM	100	0	15.49	15.44	15.46		
20	64QAM	1	0	15.49	15.51	15.53	16.5	0
20	64QAM	1	49	15.54	15.43	15.50		
20	64QAM	1	99	15.51	15.46	15.32		
20	64QAM	50	0	15.52	15.51	15.45	16.5	0
20	64QAM	50	24	15.43	15.52	15.36		
20	64QAM	50	50	15.49	15.41	15.41		
20	64QAM	100	0	15.55	15.49	15.52		
20	256QAM	1	0	15.16	15.33	15.17	16.5	0
20	256QAM	1	49	15.19	15.24	15.34		
20	256QAM	1	99	15.34	15.24	15.17		
20	256QAM	50	0	15.24	15.26	15.27	16.5	0
20	256QAM	50	24	15.15	15.25	15.23		
20	256QAM	50	50	15.22	15.26	15.17		
20	256QAM	100	0	15.26	15.21	15.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.43	15.40	15.18	16.5	0
15	QPSK	1	37	15.23	15.25	15.23		
15	QPSK	1	74	15.13	15.23	15.19		
15	QPSK	36	0	15.38	15.33	15.33	16.5	0
15	QPSK	36	20	15.36	15.31	15.30		
15	QPSK	36	39	15.24	15.34	15.24		
15	QPSK	75	0	15.36	15.32	15.31		
15	16QAM	1	0	15.33	15.43	15.29	16.5	0
15	16QAM	1	37	15.34	15.36	15.47		
15	16QAM	1	74	15.46	15.38	15.31		
15	16QAM	36	0	15.39	15.37	15.42	16.5	0
15	16QAM	36	20	15.32	15.40	15.39		
15	16QAM	36	39	15.36	15.40	15.27		
15	16QAM	75	0	15.41	15.36	15.37		
15	64QAM	1	0	15.38	15.44	15.43	16.5	0
15	64QAM	1	37	15.44	15.35	15.41		
15	64QAM	1	74	15.41	15.38	15.24		
15	64QAM	36	0	15.41	15.40	15.33	16.5	0
15	64QAM	36	20	15.35	15.45	15.27		
15	64QAM	36	39	15.42	15.28	15.28		
15	64QAM	75	0	15.43	15.37	15.43		
15	256QAM	1	0	15.08	15.25	15.09	16.5	0
15	256QAM	1	37	15.10	15.12	15.27		
15	256QAM	1	74	15.23	15.11	15.05		
15	256QAM	36	0	15.17	15.17	15.20	16.5	0
15	256QAM	36	20	15.07	15.13	15.10		
15	256QAM	36	39	15.10	15.14	15.07		
15	256QAM	75	0	15.19	15.14	15.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.46	15.38	15.22	16.5	0
10	QPSK	1	25	15.27	15.30	15.23		
10	QPSK	1	49	15.19	15.22	15.19		
10	QPSK	25	0	15.38	15.33	15.31	16.5	0
10	QPSK	25	12	15.30	15.34	15.29		
10	QPSK	25	25	15.22	15.33	15.24		
10	QPSK	50	0	15.33	15.36	15.29		
10	16QAM	1	0	15.33	15.46	15.29	16.5	0
10	16QAM	1	25	15.36	15.36	15.44		
10	16QAM	1	49	15.49	15.36	15.31		
10	16QAM	25	0	15.39	15.39	15.40	16.5	0
10	16QAM	25	12	15.29	15.39	15.37		
10	16QAM	25	25	15.37	15.38	15.29		
10	16QAM	50	0	15.42	15.36	15.39		
10	64QAM	1	0	15.39	15.40	15.46	16.5	0
10	64QAM	1	25	15.46	15.30	15.40		
10	64QAM	1	49	15.40	15.39	15.20		
10	64QAM	25	0	15.39	15.43	15.38	16.5	0
10	64QAM	25	12	15.31	15.43	15.27		
10	64QAM	25	25	15.42	15.32	15.30		
10	64QAM	50	0	15.43	15.42	15.45		
10	256QAM	1	0	15.05	15.22	15.05	16.5	0
10	256QAM	1	25	15.10	15.17	15.23		
10	256QAM	1	49	15.24	15.11	15.05		
10	256QAM	25	0	15.16	15.18	15.14	16.5	0
10	256QAM	25	12	15.05	15.18	15.13		
10	256QAM	25	25	15.09	15.18	15.08		
10	256QAM	50	0	15.17	15.14	15.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.49	15.43	15.19	16.5	0
5	QPSK	1	12	15.26	15.25	15.21		
5	QPSK	1	24	15.16	15.26	15.17		
5	QPSK	12	0	15.42	15.32	15.31	16.5	0
5	QPSK	12	7	15.33	15.32	15.29		
5	QPSK	12	13	15.28	15.32	15.23		
5	QPSK	25	0	15.34	15.36	15.33		
5	16QAM	1	0	15.29	15.45	15.33	16.5	0
5	16QAM	1	12	15.37	15.34	15.46		
5	16QAM	1	24	15.44	15.41	15.33		
5	16QAM	12	0	15.39	15.41	15.38	16.5	0
5	16QAM	12	7	15.32	15.37	15.40		
5	16QAM	12	13	15.33	15.41	15.27		
5	16QAM	25	0	15.40	15.36	15.34		
5	64QAM	1	0	15.38	15.40	15.44	16.5	0
5	64QAM	1	12	15.43	15.34	15.38		
5	64QAM	1	24	15.43	15.37	15.23		
5	64QAM	12	0	15.39	15.43	15.33	16.5	0
5	64QAM	12	7	15.34	15.39	15.29		
5	64QAM	12	13	15.40	15.33	15.28		
5	64QAM	25	0	15.48	15.38	15.41		
5	256QAM	1	0	15.07	15.21	15.10	16.5	0
5	256QAM	1	12	15.07	15.12	15.21		
5	256QAM	1	24	15.27	15.11	15.07		
5	256QAM	12	0	15.11	15.15	15.16	16.5	0
5	256QAM	12	7	15.05	15.18	15.15		
5	256QAM	12	13	15.10	15.13	15.04		
5	256QAM	25	0	15.14	15.12	15.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.49	15.38	15.19	16.5	0
3	QPSK	1	8	15.21	15.26	15.19		
3	QPSK	1	14	15.15	15.23	15.18		
3	QPSK	8	0	15.43	15.38	15.30	16.5	0
3	QPSK	8	4	15.35	15.28	15.32		
3	QPSK	8	7	15.28	15.32	15.24		
3	QPSK	15	0	15.34	15.36	15.33		
3	16QAM	1	0	15.31	15.48	15.28	16.5	0
3	16QAM	1	8	15.31	15.35	15.45		
3	16QAM	1	14	15.45	15.40	15.27		
3	16QAM	8	0	15.38	15.35	15.39	16.5	0
3	16QAM	8	4	15.29	15.38	15.41		
3	16QAM	8	7	15.36	15.38	15.31		
3	16QAM	15	0	15.42	15.37	15.34		
3	64QAM	1	0	15.42	15.42	15.46	16.5	0
3	64QAM	1	8	15.46	15.33	15.38		
3	64QAM	1	14	15.43	15.39	15.20		
3	64QAM	8	0	15.44	15.38	15.32	16.5	0
3	64QAM	8	4	15.32	15.44	15.25		
3	64QAM	8	7	15.39	15.34	15.33		
3	64QAM	15	0	15.47	15.36	15.45		
3	256QAM	1	0	15.06	15.20	15.09	16.5	0
3	256QAM	1	8	15.11	15.16	15.23		
3	256QAM	1	14	15.27	15.14	15.08		
3	256QAM	8	0	15.16	15.19	15.15	16.5	0
3	256QAM	8	4	15.08	15.15	15.13		
3	256QAM	8	7	15.14	15.13	15.09		
3	256QAM	15	0	15.19	15.12	15.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.46	15.42	15.18	16.5	0
1.4	QPSK	1	3	15.25	15.28	15.19		
1.4	QPSK	1	5	15.15	15.22	15.17		
1.4	QPSK	3	0	15.41	15.35	15.36		
1.4	QPSK	3	1	15.35	15.30	15.30		
1.4	QPSK	3	3	15.23	15.34	15.22		
1.4	QPSK	6	0	15.35	15.31	15.32	16.5	0
1.4	16QAM	1	0	15.30	15.46	15.33	16.5	0
1.4	16QAM	1	3	15.31	15.33	15.46		
1.4	16QAM	1	5	15.47	15.36	15.28		
1.4	16QAM	3	0	15.38	15.35	15.44		
1.4	16QAM	3	1	15.32	15.36	15.37		
1.4	16QAM	3	3	15.35	15.42	15.28		
1.4	16QAM	6	0	15.39	15.34	15.36	16.5	0
1.4	64QAM	1	0	15.38	15.43	15.42	16.5	0
1.4	64QAM	1	3	15.43	15.32	15.40		
1.4	64QAM	1	5	15.41	15.39	15.25		
1.4	64QAM	3	0	15.45	15.42	15.36		
1.4	64QAM	3	1	15.30	15.45	15.24		
1.4	64QAM	3	3	15.41	15.31	15.29		
1.4	64QAM	6	0	15.43	15.38	15.43	16.5	0
1.4	256QAM	1	0	15.06	15.23	15.04	16.5	0
1.4	256QAM	1	3	15.12	15.17	15.27		
1.4	256QAM	1	5	15.23	15.13	15.07		
1.4	256QAM	3	0	15.16	15.18	15.19		
1.4	256QAM	3	1	15.07	15.18	15.13		
1.4	256QAM	3	3	15.13	15.19	15.10		
1.4	256QAM	6	0	15.18	15.12	15.09	16.5	0

Band 4_ANT 1 DSI3 Sim-Tx

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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.55	15.56	15.55	16.5	0
20	QPSK	1	49	15.43	15.35	15.41		
20	QPSK	1	99	15.27	15.47	15.47		
20	QPSK	50	0	15.48	15.50	15.47	16.5	0
20	QPSK	50	24	15.43	15.43	15.40		
20	QPSK	50	50	15.42	15.43	15.43		
20	QPSK	100	0	15.43	15.47	15.42		
20	16QAM	1	0	15.38	15.52	15.56	16.5	0
20	16QAM	1	49	15.54	15.46	15.40		
20	16QAM	1	99	15.42	15.54	15.45		
20	16QAM	50	0	15.41	15.51	15.45	16.5	0
20	16QAM	50	24	15.38	15.52	15.48		
20	16QAM	50	50	15.43	15.50	15.49		
20	16QAM	100	0	15.52	15.54	15.51		
20	64QAM	1	0	15.54	15.54	15.44	16.5	0
20	64QAM	1	49	15.42	15.43	15.51		
20	64QAM	1	99	15.46	15.49	15.55		
20	64QAM	50	0	15.41	15.53	15.44	16.5	0
20	64QAM	50	24	15.39	15.51	15.49		
20	64QAM	50	50	15.45	15.53	15.49		
20	64QAM	100	0	15.53	15.52	15.51		
20	256QAM	1	0	15.24	15.37	15.41	16.5	0
20	256QAM	1	49	15.42	15.32	15.25		
20	256QAM	1	99	15.29	15.42	15.30		
20	256QAM	50	0	15.27	15.38	15.32	16.5	0
20	256QAM	50	24	15.25	15.38	15.33		
20	256QAM	50	50	15.28	15.38	15.36		
20	256QAM	100	0	15.38	15.41	15.36		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.44	15.43	15.46	16.5	0
15	QPSK	1	37	15.30	15.27	15.32		
15	QPSK	1	74	15.15	15.38	15.34		
15	QPSK	36	0	15.39	15.43	15.40	16.5	0
15	QPSK	36	20	15.35	15.32	15.28		
15	QPSK	36	39	15.33	15.35	15.34		
15	QPSK	75	0	15.33	15.34	15.29		
15	16QAM	1	0	15.25	15.44	15.45	16.5	0
15	16QAM	1	37	15.41	15.38	15.33		
15	16QAM	1	74	15.32	15.46	15.32		
15	16QAM	36	0	15.28	15.42	15.32	16.5	0
15	16QAM	36	20	15.25	15.41	15.41		
15	16QAM	36	39	15.35	15.39	15.42		
15	16QAM	75	0	15.42	15.45	15.39		
15	64QAM	1	0	15.42	15.44	15.34	16.5	0
15	64QAM	1	37	15.32	15.35	15.39		
15	64QAM	1	74	15.37	15.37	15.48		
15	64QAM	36	0	15.31	15.42	15.34	16.5	0
15	64QAM	36	20	15.26	15.43	15.37		
15	64QAM	36	39	15.36	15.46	15.39		
15	64QAM	75	0	15.46	15.41	15.41		
15	256QAM	1	0	15.15	15.25	15.28	16.5	0
15	256QAM	1	37	15.34	15.25	15.18		
15	256QAM	1	74	15.21	15.35	15.17		
15	256QAM	36	0	15.16	15.31	15.19	16.5	0
15	256QAM	36	20	15.15	15.31	15.25		
15	256QAM	36	39	15.17	15.29	15.28		
15	256QAM	75	0	15.26	15.30	15.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.48	15.43	15.48	16.5	0
10	QPSK	1	25	15.34	15.22	15.29		
10	QPSK	1	49	15.20	15.39	15.35		
10	QPSK	25	0	15.36	15.41	15.37	16.5	0
10	QPSK	25	12	15.36	15.35	15.30		
10	QPSK	25	25	15.31	15.34	15.34		
10	QPSK	50	0	15.35	15.36	15.31		
10	16QAM	1	0	15.30	15.39	15.44	16.5	0
10	16QAM	1	25	15.43	15.34	15.32		
10	16QAM	1	49	15.33	15.46	15.33		
10	16QAM	25	0	15.31	15.42	15.35	16.5	0
10	16QAM	25	12	15.28	15.41	15.38		
10	16QAM	25	25	15.34	15.43	15.42		
10	16QAM	50	0	15.44	15.44	15.38		
10	64QAM	1	0	15.41	15.43	15.35	16.5	0
10	64QAM	1	25	15.29	15.31	15.39		
10	64QAM	1	49	15.34	15.37	15.42		
10	64QAM	25	0	15.32	15.44	15.31	16.5	0
10	64QAM	25	12	15.32	15.39	15.38		
10	64QAM	25	25	15.35	15.44	15.41		
10	64QAM	50	0	15.45	15.39	15.38		
10	256QAM	1	0	15.11	15.24	15.33	16.5	0
10	256QAM	1	25	15.33	15.20	15.17		
10	256QAM	1	49	15.20	15.33	15.22		
10	256QAM	25	0	15.17	15.28	15.22	16.5	0
10	256QAM	25	12	15.14	15.31	15.23		
10	256QAM	25	25	15.21	15.31	15.27		
10	256QAM	50	0	15.28	15.29	15.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.42	15.48	15.43	16.5	0
5	QPSK	1	12	15.31	15.24	15.33		
5	QPSK	1	24	15.18	15.35	15.40		
5	QPSK	12	0	15.40	15.40	15.34	16.5	0
5	QPSK	12	7	15.31	15.33	15.27		
5	QPSK	12	13	15.32	15.33	15.32		
5	QPSK	25	0	15.30	15.38	15.30		
5	16QAM	1	0	15.31	15.39	15.47	16.5	0
5	16QAM	1	12	15.43	15.35	15.32		
5	16QAM	1	24	15.35	15.41	15.33		
5	16QAM	12	0	15.31	15.43	15.37	16.5	0
5	16QAM	12	7	15.27	15.43	15.41		
5	16QAM	12	13	15.30	15.40	15.38		
5	16QAM	25	0	15.44	15.42	15.41		
5	64QAM	1	0	15.44	15.44	15.33	16.5	0
5	64QAM	1	12	15.31	15.36	15.39		
5	64QAM	1	24	15.36	15.42	15.42		
5	64QAM	12	0	15.28	15.40	15.33	16.5	0
5	64QAM	12	7	15.26	15.39	15.41		
5	64QAM	12	13	15.38	15.43	15.40		
5	64QAM	25	0	15.46	15.41	15.41		
5	256QAM	1	0	15.16	15.28	15.34	16.5	0
5	256QAM	1	12	15.31	15.21	15.15		
5	256QAM	1	24	15.20	15.29	15.17		
5	256QAM	12	0	15.18	15.30	15.19	16.5	0
5	256QAM	12	7	15.17	15.27	15.25		
5	256QAM	12	13	15.21	15.31	15.24		
5	256QAM	25	0	15.31	15.32	15.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.48	15.45	15.46	16.5	0
3	QPSK	1	8	15.36	15.28	15.31		
3	QPSK	1	14	15.16	15.35	15.38		
3	QPSK	8	0	15.39	15.37	15.40	16.5	0
3	QPSK	8	4	15.35	15.36	15.30		
3	QPSK	8	7	15.31	15.32	15.31		
3	QPSK	15	0	15.33	15.36	15.34		
3	16QAM	1	0	15.27	15.43	15.45	16.5	0
3	16QAM	1	8	15.47	15.33	15.29		
3	16QAM	1	14	15.29	15.42	15.33		
3	16QAM	8	0	15.29	15.43	15.33	16.5	0
3	16QAM	8	4	15.28	15.42	15.39		
3	16QAM	8	7	15.35	15.43	15.40		
3	16QAM	15	0	15.40	15.46	15.40		
3	64QAM	1	0	15.42	15.47	15.34	16.5	0
3	64QAM	1	8	15.34	15.33	15.41		
3	64QAM	1	14	15.33	15.36	15.44		
3	64QAM	8	0	15.29	15.44	15.31	16.5	0
3	64QAM	8	4	15.29	15.40	15.41		
3	64QAM	8	7	15.32	15.40	15.40		
3	64QAM	15	0	15.40	15.42	15.40		
3	256QAM	1	0	15.14	15.24	15.28	16.5	0
3	256QAM	1	8	15.31	15.23	15.17		
3	256QAM	1	14	15.21	15.31	15.22		
3	256QAM	8	0	15.14	15.31	15.19	16.5	0
3	256QAM	8	4	15.14	15.30	15.24		
3	256QAM	8	7	15.18	15.27	15.26		
3	256QAM	15	0	15.29	15.28	15.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.43	15.44	15.48	16.5	0
1.4	QPSK	1	3	15.31	15.27	15.33		
1.4	QPSK	1	5	15.17	15.36	15.40		
1.4	QPSK	3	0	15.36	15.41	15.40		
1.4	QPSK	3	1	15.35	15.35	15.29		
1.4	QPSK	3	3	15.33	15.34	15.30		
1.4	QPSK	6	0	15.31	15.38	15.32	16.5	0
1.4	16QAM	1	0	15.28	15.44	15.49	16.5	0
1.4	16QAM	1	3	15.42	15.37	15.28		
1.4	16QAM	1	5	15.32	15.44	15.35		
1.4	16QAM	3	0	15.33	15.39	15.32		
1.4	16QAM	3	1	15.31	15.45	15.39		
1.4	16QAM	3	3	15.35	15.41	15.37		
1.4	16QAM	6	0	15.39	15.44	15.42	16.5	0
1.4	64QAM	1	0	15.43	15.41	15.31	16.5	0
1.4	64QAM	1	3	15.33	15.32	15.42		
1.4	64QAM	1	5	15.38	15.38	15.43		
1.4	64QAM	3	0	15.28	15.40	15.36		
1.4	64QAM	3	1	15.30	15.41	15.37		
1.4	64QAM	3	3	15.35	15.40	15.37		
1.4	64QAM	6	0	15.43	15.42	15.38	16.5	0
1.4	256QAM	1	0	15.12	15.27	15.28	16.5	0
1.4	256QAM	1	3	15.34	15.19	15.14		
1.4	256QAM	1	5	15.16	15.29	15.19		
1.4	256QAM	3	0	15.16	15.31	15.25		
1.4	256QAM	3	1	15.16	15.28	15.20		
1.4	256QAM	3	3	15.17	15.29	15.29		
1.4	256QAM	6	0	15.25	15.28	15.27	16.5	0

Band 5_ANT 1 DSI3 Sim-Tx

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.89	22.99	22.74	24	0
10	QPSK	1	25	22.88	22.80	22.65		
10	QPSK	1	49	22.91	22.65	22.57		
10	QPSK	25	0	22.13	22.27	21.99	23	1
10	QPSK	25	12	22.23	22.07	22.01		
10	QPSK	25	25	22.13	22.03	21.85		
10	QPSK	50	0	22.20	22.26	21.97		
10	16QAM	1	0	22.33	22.42	22.25	23	1
10	16QAM	1	25	22.37	22.31	22.11		
10	16QAM	1	49	22.45	22.21	22.12		
10	16QAM	25	0	21.17	21.12	21.06	22	2
10	16QAM	25	12	21.24	21.10	20.91		
10	16QAM	25	25	21.17	21.04	20.87		
10	16QAM	50	0	21.21	21.08	20.99		
10	64QAM	1	0	21.23	21.33	21.20	22	2
10	64QAM	1	25	21.32	21.26	21.08		
10	64QAM	1	49	21.34	21.09	20.93		
10	64QAM	25	0	20.19	20.16	20.07	21	3
10	64QAM	25	12	20.24	20.14	20.04		
10	64QAM	25	25	20.22	20.06	19.90		
10	64QAM	50	0	20.22	20.10	20.04		
10	256QAM	1	0	17.91	17.65	17.66	19	5
10	256QAM	1	25	17.57	17.49	17.61		
10	256QAM	1	49	17.91	17.93	17.71		
10	256QAM	25	0	17.96	18.09	17.87	19	5
10	256QAM	25	12	17.99	17.90	17.86		
10	256QAM	25	25	18.12	17.99	17.58		
10	256QAM	50	0	18.08	18.00	17.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.98	22.92	22.67	24	0
5	QPSK	1	12	22.87	22.87	22.66		
5	QPSK	1	24	22.94	22.77	22.57		
5	QPSK	12	0	22.19	22.00	21.86	23	1
5	QPSK	12	7	22.20	22.01	21.86		
5	QPSK	12	13	22.16	22.01	21.84		
5	QPSK	25	0	22.16	22.04	21.85		
5	16QAM	1	0	22.49	22.41	22.21	23	1
5	16QAM	1	12	22.47	22.31	22.14		
5	16QAM	1	24	22.44	22.28	22.14		
5	16QAM	12	0	21.19	21.09	20.93	22	2
5	16QAM	12	7	21.20	21.06	20.90		
5	16QAM	12	13	21.17	21.06	20.89		
5	16QAM	25	0	21.20	21.06	20.89		
5	64QAM	1	0	21.40	21.30	20.99	22	2
5	64QAM	1	12	21.20	21.16	20.94		
5	64QAM	1	24	21.36	21.24	21.00		
5	64QAM	12	0	20.22	20.14	19.94	21	3
5	64QAM	12	7	20.22	20.07	19.96		
5	64QAM	12	13	20.21	20.08	19.88		
5	64QAM	25	0	20.21	20.06	19.89		
5	256QAM	1	0	17.58	17.71	17.95	19	5
5	256QAM	1	12	18.05	17.56	18.04		
5	256QAM	1	24	17.78	17.58	17.54		
5	256QAM	12	0	17.95	18.10	17.94	19	5
5	256QAM	12	7	17.91	18.04	18.01		
5	256QAM	12	13	17.86	18.01	17.74		
5	256QAM	25	0	17.62	17.85	17.58		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.92	22.86	22.65	24	0
3	QPSK	1	8	22.95	22.85	22.64		
3	QPSK	1	14	22.95	22.78	22.61		
3	QPSK	8	0	22.14	22.01	21.84	23	1
3	QPSK	8	4	22.21	22.03	21.87		
3	QPSK	8	7	22.14	22.00	21.80		
3	QPSK	15	0	22.16	21.97	21.86		
3	16QAM	1	0	22.44	22.43	22.19	23	1
3	16QAM	1	8	22.50	22.52	22.25		
3	16QAM	1	14	22.42	22.36	22.12		
3	16QAM	8	0	21.25	21.03	20.86	22	2
3	16QAM	8	4	21.30	21.10	20.92		
3	16QAM	8	7	21.15	21.01	20.86		
3	16QAM	15	0	21.22	21.07	20.91		
3	64QAM	1	0	21.37	21.23	21.05	22	2
3	64QAM	1	8	21.44	21.28	21.06		
3	64QAM	1	14	21.40	21.25	21.04		
3	64QAM	8	0	20.28	20.07	19.92	21	3
3	64QAM	8	4	20.25	20.10	19.89		
3	64QAM	8	7	20.16	20.02	19.87		
3	64QAM	15	0	20.24	20.10	19.94		
3	256QAM	1	0	17.81	17.99	18.07	19	5
3	256QAM	1	8	17.99	17.54	17.66		
3	256QAM	1	14	17.52	18.02	17.58		
3	256QAM	8	0	17.63	17.89	17.68	19	5
3	256QAM	8	4	17.95	17.93	17.99		
3	256QAM	8	7	17.55	17.71	18.09		
3	256QAM	15	0	18.07	17.52	17.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.84	22.71	22.47	24	0
1.4	QPSK	1	3	22.86	22.77	22.50		
1.4	QPSK	1	5	22.79	22.71	22.44		
1.4	QPSK	3	0	22.85	22.79	22.51		
1.4	QPSK	3	1	22.92	22.80	22.56		
1.4	QPSK	3	3	22.84	22.75	22.50		
1.4	QPSK	6	0	22.12	21.99	21.73	23	1
1.4	16QAM	1	0	22.33	22.26	22.03	23	1
1.4	16QAM	1	3	22.40	22.38	22.10		
1.4	16QAM	1	5	22.29	22.37	21.95		
1.4	16QAM	3	0	22.11	22.04	21.75		
1.4	16QAM	3	1	22.11	21.99	21.80		
1.4	16QAM	3	3	22.09	21.99	21.79		
1.4	16QAM	6	0	21.14	21.09	20.80	22	2
1.4	64QAM	1	0	21.32	21.26	20.95	22	2
1.4	64QAM	1	3	21.30	21.30	20.97		
1.4	64QAM	1	5	21.29	21.17	20.96		
1.4	64QAM	3	0	21.27	21.15	20.91		
1.4	64QAM	3	1	21.25	21.21	20.92		
1.4	64QAM	3	3	21.28	21.15	20.85		
1.4	64QAM	6	0	20.15	20.02	19.67	21	3
1.4	256QAM	1	0	17.58	17.79	17.65	19	5
1.4	256QAM	1	3	17.80	17.60	17.93		
1.4	256QAM	1	5	17.51	17.97	17.75		
1.4	256QAM	3	0	17.74	17.91	17.89		
1.4	256QAM	3	1	17.95	18.05	17.80		
1.4	256QAM	3	3	17.52	17.59	17.71		
1.4	256QAM	6	0	17.73	17.57	17.74	19	5

Band 7_ANT 1 DSI3 Sim-Tx

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		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.19	14.11	14.10	15	0
20	QPSK	1	49	14.18	14.00	13.93		
20	QPSK	1	99	14.12	14.01	13.83		
20	QPSK	50	0	14.10	14.09	14.08	15	0
20	QPSK	50	24	14.00	13.98	13.90		
20	QPSK	50	50	13.97	13.96	13.88		
20	QPSK	100	0	13.95	13.90	13.89		
20	16QAM	1	0	14.06	14.01	14.03	15	0
20	16QAM	1	49	14.02	14.08	14.16		
20	16QAM	1	99	14.08	13.95	14.10		
20	16QAM	50	0	14.02	13.92	14.10	15	0
20	16QAM	50	24	14.14	14.00	14.18		
20	16QAM	50	50	14.01	13.92	14.13		
20	16QAM	100	0	14.10	13.98	14.16		
20	64QAM	1	0	14.09	14.13	14.05	15	0
20	64QAM	1	49	14.03	13.97	13.92		
20	64QAM	1	99	14.13	14.13	14.04		
20	64QAM	50	0	13.99	14.07	14.09	15	0
20	64QAM	50	24	14.18	13.96	14.15		
20	64QAM	50	50	14.04	13.98	14.12		
20	64QAM	100	0	14.11	14.00	14.16		
20	256QAM	1	0	14.11	13.96	13.89	15	0
20	256QAM	1	49	14.11	13.95	13.88		
20	256QAM	1	99	14.05	13.93	13.73		
20	256QAM	50	0	13.94	13.92	13.84	15	0
20	256QAM	50	24	13.90	13.93	13.84		
20	256QAM	50	50	13.90	13.86	13.79		
20	256QAM	100	0	13.89	13.80	13.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.16	13.94	13.91	15	0
15	QPSK	1	37	14.11	13.94	13.90		
15	QPSK	1	74	14.11	13.95	13.77		
15	QPSK	36	0	13.99	14.01	13.91	15	0
15	QPSK	36	20	13.94	13.95	13.90		
15	QPSK	36	39	13.94	13.88	13.82		
15	QPSK	75	0	13.94	13.87	13.87		
15	16QAM	1	0	14.02	13.97	13.97	15	0
15	16QAM	1	37	13.96	14.09	14.15		
15	16QAM	1	74	14.09	13.91	14.07		
15	16QAM	36	0	14.03	13.84	14.05	15	0
15	16QAM	36	20	14.14	13.94	14.17		
15	16QAM	36	39	13.95	13.86	14.12		
15	16QAM	75	0	14.07	13.95	14.09		
15	64QAM	1	0	14.06	14.10	14.06	15	0
15	64QAM	1	37	14.02	13.89	13.92		
15	64QAM	1	74	14.05	14.10	13.99		
15	64QAM	36	0	13.97	14.08	14.04	15	0
15	64QAM	36	20	14.11	13.95	14.11		
15	64QAM	36	39	13.99	13.94	14.13		
15	64QAM	75	0	14.09	13.97	14.16		
15	256QAM	1	0	14.05	13.88	13.88	15	0
15	256QAM	1	37	14.05	13.92	13.81		
15	256QAM	1	74	14.06	13.92	13.67		
15	256QAM	36	0	13.91	13.88	13.85	15	0
15	256QAM	36	20	13.89	13.94	13.82		
15	256QAM	36	39	13.88	13.78	13.80		
15	256QAM	75	0	13.85	13.73	13.75		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.13	14.00	13.91	15	0
10	QPSK	1	25	14.17	13.99	13.85		
10	QPSK	1	49	14.08	14.02	13.78		
10	QPSK	25	0	13.97	14.00	13.84	15	0
10	QPSK	25	12	13.92	13.90	13.82		
10	QPSK	25	25	13.90	13.89	13.80		
10	QPSK	50	0	13.92	13.90	13.81		
10	16QAM	1	0	13.99	14.01	14.04	15	0
10	16QAM	1	25	14.03	14.07	14.15		
10	16QAM	1	49	14.03	13.94	14.09		
10	16QAM	25	0	13.97	13.89	14.11	15	0
10	16QAM	25	12	14.14	13.95	14.10		
10	16QAM	25	25	14.00	13.90	14.07		
10	16QAM	50	0	14.09	13.95	14.15		
10	64QAM	1	0	14.07	14.10	14.03	15	0
10	64QAM	1	25	13.96	13.95	13.91		
10	64QAM	1	49	14.12	14.08	14.03		
10	64QAM	25	0	13.97	14.04	14.08	15	0
10	64QAM	25	12	14.10	13.91	14.10		
10	64QAM	25	25	13.96	13.95	14.13		
10	64QAM	50	0	14.07	13.94	14.16		
10	256QAM	1	0	14.12	13.88	13.89	15	0
10	256QAM	1	25	14.06	13.94	13.82		
10	256QAM	1	49	13.99	13.89	13.73		
10	256QAM	25	0	13.86	13.89	13.82	15	0
10	256QAM	25	12	13.82	13.90	13.77		
10	256QAM	25	25	13.88	13.78	13.72		
10	256QAM	50	0	13.81	13.72	13.77		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.13	14.02	13.96	15	0
5	QPSK	1	12	14.18	13.93	13.93		
5	QPSK	1	24	14.05	14.02	13.82		
5	QPSK	12	0	14.02	13.96	13.86	15	0
5	QPSK	12	7	13.92	13.96	13.86		
5	QPSK	12	13	13.94	13.93	13.88		
5	QPSK	25	0	13.88	13.90	13.84		
5	16QAM	1	0	13.99	13.95	13.95	15	0
5	16QAM	1	12	13.96	14.04	14.15		
5	16QAM	1	24	14.04	13.94	14.08		
5	16QAM	12	0	13.95	13.87	14.07	15	0
5	16QAM	12	7	14.08	14.01	14.10		
5	16QAM	12	13	13.94	13.94	14.14		
5	16QAM	25	0	14.10	13.89	14.11		
5	64QAM	1	0	14.08	14.09	14.05	15	0
5	64QAM	1	12	14.04	13.93	13.64		
5	64QAM	1	24	14.12	14.14	14.02		
5	64QAM	12	0	13.97	14.00	14.06	15	0
5	64QAM	12	7	14.15	13.89	14.08		
5	64QAM	12	13	14.05	13.96	14.06		
5	64QAM	25	0	14.03	13.98	14.08		
5	256QAM	1	0	14.03	13.93	13.81	15	0
5	256QAM	1	12	14.07	13.91	13.84		
5	256QAM	1	24	14.05	13.92	13.66		
5	256QAM	12	0	13.86	13.88	13.76	15	0
5	256QAM	12	7	13.86	13.88	13.82		
5	256QAM	12	13	13.90	13.87	13.76		
5	256QAM	25	0	13.86	13.78	13.80		

Band 66_ANT 1 DSI3 Sim-Tx

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	15.66	15.54	15.65	16.5	0
20	QPSK	1	49	15.54	15.50	15.63		
20	QPSK	1	99	15.50	15.50	15.63		
20	QPSK	50	0	15.57	15.52	15.53	16.5	0
20	QPSK	50	24	15.54	15.51	15.44		
20	QPSK	50	50	15.51	15.42	15.52		
20	QPSK	100	0	15.53	15.51	15.51		
20	16QAM	1	0	15.55	15.56	15.59	16.5	0
20	16QAM	1	49	15.61	15.64	15.61		
20	16QAM	1	99	15.62	15.54	15.62		
20	16QAM	50	0	15.59	15.59	15.57	16.5	0
20	16QAM	50	24	15.55	15.58	15.56		
20	16QAM	50	50	15.58	15.61	15.61		
20	16QAM	100	0	15.52	15.56	15.56		
20	64QAM	1	0	15.56	15.54	15.61	16.5	0
20	64QAM	1	49	15.63	15.62	15.59		
20	64QAM	1	99	15.65	15.54	15.55		
20	64QAM	50	0	15.63	15.61	15.59	16.5	0
20	64QAM	50	24	15.61	15.59	15.57		
20	64QAM	50	50	15.62	15.60	15.51		
20	64QAM	100	0	15.54	15.59	15.57		
20	256QAM	1	0	15.56	15.49	15.59	16.5	0
20	256QAM	1	49	15.47	15.41	15.58		
20	256QAM	1	99	15.42	15.41	15.56		
20	256QAM	50	0	15.49	15.45	15.48	16.5	0
20	256QAM	50	24	15.44	15.42	15.34		
20	256QAM	50	50	15.41	15.35	15.45		
20	256QAM	100	0	15.45	15.41	15.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.59	15.51	15.64	16.5	0
15	QPSK	1	37	15.54	15.43	15.61		
15	QPSK	1	74	15.45	15.45	15.64		
15	QPSK	36	0	15.54	15.51	15.47	16.5	0
15	QPSK	36	20	15.50	15.50	15.43		
15	QPSK	36	39	15.51	15.41	15.48		
15	QPSK	75	0	15.50	15.46	15.44		
15	16QAM	1	0	15.49	15.53	15.53	16.5	0
15	16QAM	1	37	15.61	15.60	15.61		
15	16QAM	1	74	15.60	15.54	15.55		
15	16QAM	36	0	15.60	15.56	15.53	16.5	0
15	16QAM	36	20	15.47	15.50	15.54		
15	16QAM	36	39	15.52	15.56	15.56		
15	16QAM	75	0	15.51	15.53	15.56		
15	64QAM	1	0	15.54	15.47	15.57	16.5	0
15	64QAM	1	37	15.55	15.63	15.52		
15	64QAM	1	74	15.61	15.46	15.52		
15	64QAM	36	0	15.62	15.57	15.51	16.5	0
15	64QAM	36	20	15.53	15.58	15.57		
15	64QAM	36	39	15.62	15.58	15.50		
15	64QAM	75	0	15.51	15.53	15.51		
15	256QAM	1	0	15.50	15.41	15.60	16.5	0
15	256QAM	1	37	15.39	15.33	15.51		
15	256QAM	1	74	15.36	15.39	15.56		
15	256QAM	36	0	15.50	15.37	15.43	16.5	0
15	256QAM	36	20	15.45	15.41	15.32		
15	256QAM	36	39	15.28	15.28	15.42		
15	256QAM	75	0	15.41	15.33	15.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.65	15.48	15.64	16.5	0
10	QPSK	1	25	15.47	15.45	15.56		
10	QPSK	1	49	15.42	15.45	15.60		
10	QPSK	25	0	15.49	15.52	15.52	16.5	0
10	QPSK	25	12	15.55	15.43	15.40		
10	QPSK	25	25	15.51	15.36	15.46		
10	QPSK	50	0	15.47	15.47	15.52		
10	16QAM	1	0	15.53	15.50	15.51	16.5	0
10	16QAM	1	25	15.59	15.65	15.59		
10	16QAM	1	49	15.62	15.49	15.59		
10	16QAM	25	0	15.57	15.59	15.56	16.5	0
10	16QAM	25	12	15.52	15.50	15.48		
10	16QAM	25	25	15.56	15.56	15.60		
10	16QAM	50	0	15.53	15.54	15.55		
10	64QAM	1	0	15.51	15.48	15.59	16.5	0
10	64QAM	1	25	15.57	15.56	15.58		
10	64QAM	1	49	15.61	15.47	15.48		
10	64QAM	25	0	15.60	15.53	15.59	16.5	0
10	64QAM	25	12	15.59	15.53	15.49		
10	64QAM	25	25	15.54	15.59	15.49		
10	64QAM	50	0	15.48	15.51	15.58		
10	256QAM	1	0	15.57	15.47	15.57	16.5	0
10	256QAM	1	25	15.47	15.38	15.57		
10	256QAM	1	49	15.41	15.35	15.48		
10	256QAM	25	0	15.48	15.42	15.47	16.5	0
10	256QAM	25	12	15.39	15.40	15.31		
10	256QAM	25	25	15.38	15.29	15.39		
10	256QAM	50	0	15.45	15.42	15.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.63	15.52	15.63	16.5	0
5	QPSK	1	12	15.50	15.49	15.58		
5	QPSK	1	24	15.43	15.51	15.60		
5	QPSK	12	0	15.55	15.53	15.45	16.5	0
5	QPSK	12	7	15.49	15.45	15.45		
5	QPSK	12	13	15.46	15.41	15.52		
5	QPSK	25	0	15.53	15.46	15.50		
5	16QAM	1	0	15.52	15.57	15.54	16.5	0
5	16QAM	1	12	15.53	15.59	15.60		
5	16QAM	1	24	15.61	15.54	15.54		
5	16QAM	12	0	15.56	15.51	15.57	16.5	0
5	16QAM	12	7	15.55	15.55	15.52		
5	16QAM	12	13	15.53	15.57	15.59		
5	16QAM	25	0	15.46	15.48	15.56		
5	64QAM	1	0	15.53	15.54	15.61	16.5	0
5	64QAM	1	12	15.61	15.54	15.58		
5	64QAM	1	24	15.61	15.49	15.58		
5	64QAM	12	0	15.59	15.62	15.58	16.5	0
5	64QAM	12	7	15.58	15.56	15.56		
5	64QAM	12	13	15.61	15.54	15.48		
5	64QAM	25	0	15.52	15.53	15.58		
5	256QAM	1	0	15.53	15.43	15.55	16.5	0
5	256QAM	1	12	15.45	15.42	15.57		
5	256QAM	1	24	15.41	15.37	15.57		
5	256QAM	12	0	15.49	15.38	15.44	16.5	0
5	256QAM	12	7	15.45	15.38	15.29		
5	256QAM	12	13	15.40	15.28	15.46		
5	256QAM	25	0	15.38	15.39	15.47		
Channel				131867	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.63	15.50	15.58	16.5	0
3	QPSK	1	8	15.46	15.50	15.60		
3	QPSK	1	14	15.49	15.43	15.57		
3	QPSK	8	0	15.59	15.44	15.54	16.5	0
3	QPSK	8	4	15.51	15.45	15.43		
3	QPSK	8	7	15.50	15.35	15.46		
3	QPSK	15	0	15.50	15.51	15.43		
3	16QAM	1	0	15.47	15.49	15.58	16.5	0
3	16QAM	1	8	15.56	15.65	15.62		
3	16QAM	1	14	15.55	15.55	15.55		
3	16QAM	8	0	15.58	15.59	15.55	16.5	0
3	16QAM	8	4	15.53	15.59	15.57		
3	16QAM	8	7	15.58	15.60	15.57		
3	16QAM	15	0	15.46	15.51	15.54		
3	64QAM	1	0	15.47	15.47	15.57	16.5	0
3	64QAM	1	8	15.55	15.57	15.56		
3	64QAM	1	14	15.49	15.46	15.53		
3	64QAM	8	0	15.60	15.57	15.58	16.5	0
3	64QAM	8	4	15.54	15.59	15.52		
3	64QAM	8	7	15.59	15.57	15.45		
3	64QAM	15	0	15.46	15.54	15.51		
3	256QAM	1	0	15.51	15.45	15.55	16.5	0
3	256QAM	1	8	15.42	15.34	15.51		
3	256QAM	1	14	15.38	15.40	15.54		
3	256QAM	8	0	15.48	15.43	15.49	16.5	0
3	256QAM	8	4	15.39	15.37	15.30		
3	256QAM	8	7	15.39	15.31	15.37		
3	256QAM	15	0	15.37	15.38	15.47		
Channel				131679	132322	132965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.63	15.52	15.65	16.5	0
1.4	QPSK	1	3	15.46	15.46	15.59		
1.4	QPSK	1	5	15.44	15.51	15.57		
1.4	QPSK	3	0	15.57	15.53	15.49		
1.4	QPSK	3	1	15.55	15.43	15.43		
1.4	QPSK	3	3	15.50	15.43	15.48		
1.4	QPSK	6	0	15.48	15.43	15.52	16.5	0
1.4	16QAM	1	0	15.56	15.57	15.51	16.5	0
1.4	16QAM	1	3	15.61	15.62	15.57		
1.4	16QAM	1	5	15.54	15.50	15.59		
1.4	16QAM	3	0	15.57	15.55	15.54		
1.4	16QAM	3	1	15.52	15.51	15.57		
1.4	16QAM	3	3	15.57	15.58	15.53		
1.4	16QAM	6	0	15.51	15.48	15.48	16.5	0
1.4	64QAM	1	0	15.47	15.51	15.62	16.5	0
1.4	64QAM	1	3	15.57	15.63	15.58		
1.4	64QAM	1	5	15.59	15.48	15.48		
1.4	64QAM	3	0	15.61	15.54	15.51		
1.4	64QAM	3	1	15.54	15.53	15.54		
1.4	64QAM	3	3	15.62	15.52	15.48		
1.4	64QAM	6	0	15.49	15.53	15.49	16.5	0
1.4	256QAM	1	0	15.50	15.46	15.53	16.5	0
1.4	256QAM	1	3	15.47	15.35	15.52		
1.4	256QAM	1	5	15.41	15.37	15.51		
1.4	256QAM	3	0	15.47	15.39	15.41		
1.4	256QAM	3	1	15.36	15.35	15.31		
1.4	256QAM	3	3	15.33	15.35	15.42		
1.4	256QAM	6	0	15.43	15.37	15.42	16.5	0

Band 2_ANT 2 DSI3 Sim-Tx

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	18.00	17.89	17.83	19	0
20	QPSK	1	49	17.93	17.76	17.77		
20	QPSK	1	99	17.73	17.65	17.67		
20	QPSK	50	0	17.91	17.86	17.80	19	0
20	QPSK	50	24	17.83	17.81	17.76		
20	QPSK	50	50	17.90	17.82	17.68		
20	QPSK	100	0	17.86	17.84	17.81		
20	16QAM	1	0	17.94	17.94	17.87	19	0
20	16QAM	1	49	17.90	17.85	17.89		
20	16QAM	1	99	17.92	17.98	17.87		
20	16QAM	50	0	17.95	17.82	17.89	19	0
20	16QAM	50	24	17.85	17.96	17.90		
20	16QAM	50	50	17.92	17.90	17.90		
20	16QAM	100	0	17.98	17.92	17.87		
20	64QAM	1	0	17.94	17.91	17.85	19	0
20	64QAM	1	49	17.93	17.89	17.99		
20	64QAM	1	99	17.99	17.88	17.95		
20	64QAM	50	0	17.93	17.83	17.92	19	0
20	64QAM	50	24	17.91	17.96	17.93		
20	64QAM	50	50	17.94	17.94	17.93		
20	64QAM	100	0	17.82	17.96	17.93		
20	256QAM	1	0	17.30	17.19	16.83	18.5	0.5
20	256QAM	1	49	17.33	16.86	17.07		
20	256QAM	1	99	17.03	16.85	16.87		
20	256QAM	50	0	17.21	17.16	16.90	18.5	0.5
20	256QAM	50	24	17.23	16.91	16.76		
20	256QAM	50	50	17.20	17.22	16.78		
20	256QAM	100	0	16.96	17.04	17.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.95	17.86	17.82	19	0
15	QPSK	1	37	17.93	17.77	17.71		
15	QPSK	1	74	17.65	17.66	17.61		
15	QPSK	36	0	17.90	17.87	17.74	19	0
15	QPSK	36	20	17.84	17.78	17.70		
15	QPSK	36	39	17.85	17.83	17.61		
15	QPSK	75	0	17.80	17.83	17.81		
15	16QAM	1	0	17.90	17.90	17.84	19	0
15	16QAM	1	37	17.86	17.78	17.89		
15	16QAM	1	74	17.87	17.96	17.88		
15	16QAM	36	0	17.94	17.76	17.85	19	0
15	16QAM	36	20	17.84	17.91	17.91		
15	16QAM	36	39	17.87	17.90	17.86		
15	16QAM	75	0	17.94	17.90	17.82		
15	64QAM	1	0	17.95	17.84	17.84	19	0
15	64QAM	1	37	17.88	17.83	17.91		
15	64QAM	1	74	17.92	17.84	17.89		
15	64QAM	36	0	17.87	17.84	17.91	19	0
15	64QAM	36	20	17.92	17.97	17.86		
15	64QAM	36	39	17.90	17.89	17.89		
15	64QAM	75	0	17.78	17.93	17.89		
15	256QAM	1	0	16.98	16.89	16.81	18.5	0.5
15	256QAM	1	37	16.98	16.86	16.99		
15	256QAM	1	74	17.01	16.66	16.65		
15	256QAM	36	0	17.01	17.11	16.85	18.5	0.5
15	256QAM	36	20	16.95	16.92	16.72		
15	256QAM	36	39	16.98	16.99	16.61		
15	256QAM	75	0	16.93	17.04	16.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.93	17.81	17.76	19	0
10	QPSK	1	25	17.85	17.72	17.69		
10	QPSK	1	49	17.73	17.60	17.62		
10	QPSK	25	0	17.92	17.85	17.72	19	0
10	QPSK	25	12	17.76	17.73	17.72		
10	QPSK	25	25	17.89	17.77	17.61		
10	QPSK	50	0	17.81	17.76	17.79		
10	16QAM	1	0	17.92	17.94	17.83	19	0
10	16QAM	1	25	17.90	17.81	17.85		
10	16QAM	1	49	17.88	17.94	17.85		
10	16QAM	25	0	17.93	17.82	17.87	19	0
10	16QAM	25	12	17.83	17.92	17.88		
10	16QAM	25	25	17.90	17.90	17.82		
10	16QAM	50	0	17.99	17.93	17.79		
10	64QAM	1	0	17.88	17.88	17.81	19	0
10	64QAM	1	25	17.92	17.89	17.93		
10	64QAM	1	49	18.00	17.82	17.89		
10	64QAM	25	0	17.92	17.79	17.84	19	0
10	64QAM	25	12	17.88	17.92	17.91		
10	64QAM	25	25	17.89	17.89	17.87		
10	64QAM	50	0	17.75	17.89	17.92		
10	256QAM	1	0	17.14	16.84	16.84	18.5	0.5
10	256QAM	1	25	16.95	16.81	17.03		
10	256QAM	1	49	17.01	16.58	16.61		
10	256QAM	25	0	16.94	16.83	16.82	18.5	0.5
10	256QAM	25	12	17.02	16.90	16.70		
10	256QAM	25	25	16.92	16.97	16.62		
10	256QAM	50	0	16.90	16.73	16.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.97	17.82	17.75	19	0
5	QPSK	1	12	17.88	17.71	17.73		
5	QPSK	1	24	17.65	17.62	17.61		
5	QPSK	12	0	17.92	17.84	17.76	19	0
5	QPSK	12	7	17.77	17.80	17.69		
5	QPSK	12	13	17.87	17.77	17.63		
5	QPSK	25	0	17.82	17.76	17.74		
5	16QAM	1	0	17.86	17.89	17.83	19	0
5	16QAM	1	12	17.83	17.82	17.84		
5	16QAM	1	24	17.88	17.93	17.85		
5	16QAM	12	0	17.92	17.75	17.86	19	0
5	16QAM	12	7	17.78	17.89	17.82		
5	16QAM	12	13	17.89	17.89	17.87		
5	16QAM	25	0	17.99	17.86	17.80		
5	64QAM	1	0	17.87	17.85	17.78	19	0
5	64QAM	1	12	17.90	17.89	17.94		
5	64QAM	1	24	17.95	17.89	17.94		
5	64QAM	12	0	17.87	17.83	17.92	19	0
5	64QAM	12	7	17.88	17.97	17.91		
5	64QAM	12	13	17.86	17.92	17.86		
5	64QAM	25	0	17.81	17.96	17.91		
5	256QAM	1	0	17.12	16.84	16.75	18.5	0.5
5	256QAM	1	12	17.02	16.85	17.06		
5	256QAM	1	24	17.01	16.59	16.65		
5	256QAM	12	0	16.93	16.80	16.91	18.5	0.5
5	256QAM	12	7	16.97	16.87	16.77		
5	256QAM	12	13	16.94	16.98	16.66		
5	256QAM	25	0	16.92	17.04	16.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.92	17.86	17.82	19	0
3	QPSK	1	8	17.92	17.76	17.70		
3	QPSK	1	14	17.69	17.61	17.65		
3	QPSK	8	0	17.83	17.87	17.74	19	0
3	QPSK	8	4	17.79	17.76	17.77		
3	QPSK	8	7	17.83	17.80	17.61		
3	QPSK	15	0	17.84	17.85	17.82		
3	16QAM	1	0	17.89	17.92	17.80	19	0
3	16QAM	1	8	17.89	17.82	17.90		
3	16QAM	1	14	17.86	17.98	17.84		
3	16QAM	8	0	17.95	17.75	17.85	19	0
3	16QAM	8	4	17.77	17.97	17.87		
3	16QAM	8	7	17.87	17.89	17.89		
3	16QAM	15	0	17.92	17.91	17.81		
3	64QAM	1	0	17.87	17.90	17.77	19	0
3	64QAM	1	8	17.90	17.87	17.99		
3	64QAM	1	14	17.94	17.81	17.96		
3	64QAM	8	0	17.88	17.84	17.92	19	0
3	64QAM	8	4	17.88	17.91	17.90		
3	64QAM	8	7	17.92	17.89	17.87		
3	64QAM	15	0	17.74	17.93	17.89		
3	256QAM	1	0	17.15	16.83	16.77	18.5	0.5
3	256QAM	1	8	17.00	16.85	17.02		
3	256QAM	1	14	17.01	16.65	16.67		
3	256QAM	8	0	16.93	17.10	16.88	18.5	0.5
3	256QAM	8	4	17.01	16.83	16.71		
3	256QAM	8	7	16.98	17.03	16.63		
3	256QAM	15	0	16.90	16.99	16.86		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.99	17.86	17.79	19	0
1.4	QPSK	1	3	17.85	17.74	17.71		
1.4	QPSK	1	5	17.71	17.62	17.60		
1.4	QPSK	3	0	17.91	17.81	17.78		
1.4	QPSK	3	1	17.84	17.77	17.75		
1.4	QPSK	3	3	17.88	17.76	17.66		
1.4	QPSK	6	0	17.86	17.82	17.75	19	0
1.4	16QAM	1	0	17.88	17.90	17.81	19	0
1.4	16QAM	1	3	17.87	17.78	17.82		
1.4	16QAM	1	5	17.86	17.97	17.87		
1.4	16QAM	3	0	17.89	17.83	17.89		
1.4	16QAM	3	1	17.82	17.88	17.85		
1.4	16QAM	3	3	17.86	17.90	17.90		
1.4	16QAM	6	0	17.90	17.86	17.85	19	0
1.4	64QAM	1	0	17.90	17.92	17.83	19	0
1.4	64QAM	1	3	17.91	17.90	17.99		
1.4	64QAM	1	5	17.96	17.88	17.88		
1.4	64QAM	3	0	17.85	17.84	17.88		
1.4	64QAM	3	1	17.86	17.97	17.94		
1.4	64QAM	3	3	17.89	17.87	17.93		
1.4	64QAM	6	0	17.81	17.88	17.88	19	0
1.4	256QAM	1	0	16.91	17.19	16.75	18.5	0.5
1.4	256QAM	1	3	17.01	16.84	17.04		
1.4	256QAM	1	5	16.97	16.57	16.61		
1.4	256QAM	3	0	16.93	17.09	16.88		
1.4	256QAM	3	1	16.95	16.83	16.71		
1.4	256QAM	3	3	16.96	16.99	16.64		
1.4	256QAM	6	0	16.94	17.00	17.17	18.5	0.5

Band 4_ANT 2 DSI3 Sim-Tx

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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.80	19.82	19.76	21	0
20	QPSK	1	49	19.63	19.57	19.75		
20	QPSK	1	99	19.51	19.67	19.72		
20	QPSK	50	0	19.72	19.77	19.63	21	0
20	QPSK	50	24	19.70	19.74	19.60		
20	QPSK	50	50	19.65	19.74	19.61		
20	QPSK	100	0	19.74	19.75	19.69		
20	16QAM	1	0	19.77	19.74	19.79	21	0
20	16QAM	1	49	19.68	19.66	19.81		
20	16QAM	1	99	19.80	19.67	19.80		
20	16QAM	50	0	19.73	19.66	19.78	21	0
20	16QAM	50	24	19.69	19.62	19.81		
20	16QAM	50	50	19.54	19.65	19.81		
20	16QAM	100	0	19.66	19.62	19.80		
20	64QAM	1	0	19.80	19.81	19.80	21	0
20	64QAM	1	49	19.75	19.68	19.72		
20	64QAM	1	99	19.57	19.80	19.81		
20	64QAM	50	0	19.34	19.28	19.40	21	0
20	64QAM	50	24	19.33	19.24	19.46		
20	64QAM	50	50	19.16	19.27	19.48		
20	64QAM	100	0	19.28	19.25	19.46		
20	256QAM	1	0	16.57	16.59	16.50	18	3
20	256QAM	1	49	16.42	16.37	16.53		
20	256QAM	1	99	16.24	16.41	16.52		
20	256QAM	50	0	16.50	16.55	16.41	18	3
20	256QAM	50	24	16.49	16.50	16.35		
20	256QAM	50	50	16.43	16.54	16.38		
20	256QAM	100	0	16.54	16.54	16.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.74	19.80	19.71	21	0
15	QPSK	1	37	19.60	19.57	19.67		
15	QPSK	1	74	19.45	19.65	19.71		
15	QPSK	36	0	19.67	19.77	19.61	21	0
15	QPSK	36	20	19.67	19.68	19.55		
15	QPSK	36	39	19.57	19.70	19.60		
15	QPSK	75	0	19.71	19.76	19.69		
15	16QAM	1	0	19.74	19.69	19.74	21	0
15	16QAM	1	37	19.62	19.65	19.75		
15	16QAM	1	74	19.78	19.60	19.79		
15	16QAM	36	0	19.68	19.63	19.77	21	0
15	16QAM	36	20	19.66	19.56	19.78		
15	16QAM	36	39	19.54	19.63	19.80		
15	16QAM	75	0	19.65	19.60	19.80		
15	64QAM	1	0	19.73	19.76	19.72	21	0
15	64QAM	1	37	19.75	19.65	19.69		
15	64QAM	1	74	19.56	19.72	19.76		
15	64QAM	36	0	19.26	19.22	19.38	21	0
15	64QAM	36	20	19.34	19.20	19.39		
15	64QAM	36	39	19.15	19.19	19.48		
15	64QAM	75	0	19.24	19.26	19.38		
15	256QAM	1	0	16.52	16.60	16.42	18	3
15	256QAM	1	37	16.43	16.37	16.54		
15	256QAM	1	74	16.23	16.42	16.48		
15	256QAM	36	0	16.48	16.52	16.38	18	3
15	256QAM	36	20	16.46	16.49	16.31		
15	256QAM	36	39	16.39	16.47	16.39		
15	256QAM	75	0	16.46	16.49	16.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.72	19.79	19.73	21	0
10	QPSK	1	25	19.57	19.49	19.72		
10	QPSK	1	49	19.51	19.65	19.65		
10	QPSK	25	0	19.71	19.77	19.55	21	0
10	QPSK	25	12	19.62	19.70	19.55		
10	QPSK	25	25	19.60	19.67	19.62		
10	QPSK	50	0	19.71	19.68	19.68		
10	16QAM	1	0	19.73	19.67	19.74	21	0
10	16QAM	1	25	19.64	19.59	19.76		
10	16QAM	1	49	19.81	19.59	19.79		
10	16QAM	25	0	19.65	19.65	19.78	21	0
10	16QAM	25	12	19.64	19.57	19.76		
10	16QAM	25	25	19.52	19.57	19.80		
10	16QAM	50	0	19.67	19.59	19.76		
10	64QAM	1	0	19.72	19.76	19.72	21	0
10	64QAM	1	25	19.67	19.66	19.73		
10	64QAM	1	49	19.55	19.81	19.75		
10	64QAM	25	0	19.28	19.20	19.34	21	0
10	64QAM	25	12	19.30	19.21	19.47		
10	64QAM	25	25	19.12	19.25	19.41		
10	64QAM	50	0	19.29	19.23	19.41		
10	256QAM	1	0	16.56	16.56	16.43	18	3
10	256QAM	1	25	16.37	16.32	16.52		
10	256QAM	1	49	16.21	16.38	16.48		
10	256QAM	25	0	16.44	16.51	16.42	18	3
10	256QAM	25	12	16.43	16.42	16.28		
10	256QAM	25	25	16.38	16.50	16.33		
10	256QAM	50	0	16.53	16.52	16.45		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.73	19.81	19.68	21	0
5	QPSK	1	12	19.58	19.53	19.76		
5	QPSK	1	24	19.44	19.67	19.71		
5	QPSK	12	0	19.65	19.70	19.57	21	0
5	QPSK	12	7	19.65	19.67	19.56		
5	QPSK	12	13	19.57	19.74	19.61		
5	QPSK	25	0	19.67	19.67	19.68		
5	16QAM	1	0	19.74	19.74	19.76	21	0
5	16QAM	1	12	19.63	19.61	19.74		
5	16QAM	1	24	19.75	19.68	19.76		
5	16QAM	12	0	19.71	19.58	19.74	21	0
5	16QAM	12	7	19.69	19.61	19.81		
5	16QAM	12	13	19.55	19.65	19.80		
5	16QAM	25	0	19.65	19.62	19.80		
5	64QAM	1	0	19.73	19.80	19.72	21	0
5	64QAM	1	12	19.68	19.63	19.70		
5	64QAM	1	24	19.52	19.73	19.74		
5	64QAM	12	0	19.27	19.23	19.38	21	0
5	64QAM	12	7	19.33	19.18	19.44		
5	64QAM	12	13	19.16	19.24	19.42		
5	64QAM	25	0	19.28	19.23	19.45		
5	256QAM	1	0	16.53	16.60	16.44	18	3
5	256QAM	1	12	16.36	16.36	16.53		
5	256QAM	1	24	16.25	16.42	16.50		
5	256QAM	12	0	16.47	16.53	16.41	18	3
5	256QAM	12	7	16.41	16.47	16.34		
5	256QAM	12	13	16.40	16.53	16.37		
5	256QAM	25	0	16.48	16.49	16.38		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.72	19.74	19.74	21	0
3	QPSK	1	8	19.62	19.56	19.72		
3	QPSK	1	14	19.47	19.65	19.70		
3	QPSK	8	0	19.65	19.73	19.55	21	0
3	QPSK	8	4	19.63	19.68	19.53		
3	QPSK	8	7	19.66	19.70	19.53		
3	QPSK	15	0	19.75	19.72	19.69		
3	16QAM	1	0	19.73	19.74	19.79	21	0
3	16QAM	1	8	19.66	19.63	19.81		
3	16QAM	1	14	19.75	19.62	19.81		
3	16QAM	8	0	19.71	19.61	19.78	21	0
3	16QAM	8	4	19.64	19.54	19.80		
3	16QAM	8	7	19.48	19.57	19.74		
3	16QAM	15	0	19.59	19.61	19.72		
3	64QAM	1	0	19.76	19.73	19.72	21	0
3	64QAM	1	8	19.70	19.63	19.66		
3	64QAM	1	14	19.54	19.73	19.74		
3	64QAM	8	0	19.32	19.23	19.34	21	0
3	64QAM	8	4	19.34	19.16	19.47		
3	64QAM	8	7	19.13	19.22	19.43		
3	64QAM	15	0	19.27	19.23	19.41		
3	256QAM	1	0	16.49	16.60	16.50	18	3
3	256QAM	1	8	16.36	16.37	16.51		
3	256QAM	1	14	16.19	16.41	16.49		
3	256QAM	8	0	16.50	16.55	16.35	18	3
3	256QAM	8	4	16.47	16.43	16.36		
3	256QAM	8	7	16.40	16.55	16.39		
3	256QAM	15	0	16.49	16.48	16.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.78	19.81	19.70	21	0
1.4	QPSK	1	3	19.55	19.53	19.75		
1.4	QPSK	1	5	19.46	19.62	19.72		
1.4	QPSK	3	0	19.73	19.76	19.63		
1.4	QPSK	3	1	19.63	19.67	19.61		
1.4	QPSK	3	3	19.65	19.72	19.55		
1.4	QPSK	6	0	19.69	19.68	19.62	21	0
1.4	16QAM	1	0	19.71	19.69	19.76	21	0
1.4	16QAM	1	3	19.65	19.62	19.75		
1.4	16QAM	1	5	19.77	19.63	19.74		
1.4	16QAM	3	0	19.72	19.66	19.75		
1.4	16QAM	3	1	19.68	19.59	19.75		
1.4	16QAM	3	3	19.52	19.61	19.78		
1.4	16QAM	6	0	19.64	19.56	19.74	21	0
1.4	64QAM	1	0	19.74	19.80	19.75	21	0
1.4	64QAM	1	3	19.74	19.65	19.73		
1.4	64QAM	1	5	19.55	19.74	19.81		
1.4	64QAM	3	0	19.26	19.24	19.36		
1.4	64QAM	3	1	19.25	19.18	19.41		
1.4	64QAM	3	3	19.17	19.20	19.44		
1.4	64QAM	6	0	19.20	19.25	19.39	21	0
1.4	256QAM	1	0	16.51	16.56	16.50	18	3
1.4	256QAM	1	3	16.37	16.36	16.53		
1.4	256QAM	1	5	16.25	16.38	16.50		
1.4	256QAM	3	0	16.45	16.52	16.40		
1.4	256QAM	3	1	16.41	16.43	16.33		
1.4	256QAM	3	3	16.38	16.55	16.34		
1.4	256QAM	6	0	16.55	16.49	16.36	18	3

Band 5_ANT 2 DSI3 Sim-Tx

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.49	20.53	20.31	21.5	0
10	QPSK	1	25	20.44	20.41	20.23		
10	QPSK	1	49	20.44	20.25	20.13		
10	QPSK	25	0	20.50	20.52	20.42	21.5	0
10	QPSK	25	12	20.48	20.51	20.41		
10	QPSK	25	25	20.46	20.47	20.25		
10	QPSK	50	0	20.47	20.48	20.43		
10	16QAM	1	0	20.46	20.44	20.49	21.5	0
10	16QAM	1	25	20.47	20.46	20.47		
10	16QAM	1	49	20.52	20.45	20.50		
10	16QAM	25	0	20.47	20.42	20.49	21.5	0
10	16QAM	25	12	20.46	20.42	20.44		
10	16QAM	25	25	20.50	20.46	20.33		
10	16QAM	50	0	20.42	20.52	20.45		
10	64QAM	1	0	20.50	20.43	20.49	21.5	0
10	64QAM	1	25	20.50	20.42	20.40		
10	64QAM	1	49	20.45	20.48	20.35		
10	64QAM	25	0	20.16	20.09	20.02	21	0.5
10	64QAM	25	12	20.23	20.07	20.00		
10	64QAM	25	25	20.18	20.03	19.86		
10	64QAM	50	0	20.21	20.03	19.98		
10	256QAM	1	0	17.53	17.59	17.32	19	2.5
10	256QAM	1	25	17.53	17.44	17.29		
10	256QAM	1	49	17.44	17.28	17.13		
10	256QAM	25	0	17.50	17.56	17.43	19	2.5
10	256QAM	25	12	17.50	17.52	17.41		
10	256QAM	25	25	17.55	17.47	17.28		
10	256QAM	50	0	17.57	17.56	17.53		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.48	20.46	20.28	21.5	0
5	QPSK	1	12	20.39	20.34	20.19		
5	QPSK	1	24	20.44	20.18	20.08		
5	QPSK	12	0	20.43	20.52	20.34	21.5	0
5	QPSK	12	7	20.40	20.44	20.36		
5	QPSK	12	13	20.42	20.40	20.23		
5	QPSK	25	0	20.42	20.42	20.43		
5	16QAM	1	0	20.47	20.40	20.46	21.5	0
5	16QAM	1	12	20.44	20.38	20.43		
5	16QAM	1	24	20.47	20.44	20.49		
5	16QAM	12	0	20.46	20.38	20.42	21.5	0
5	16QAM	12	7	20.43	20.37	20.44		
5	16QAM	12	13	20.42	20.43	20.29		
5	16QAM	25	0	20.38	20.47	20.41		
5	64QAM	1	0	20.46	20.41	20.43	21.5	0
5	64QAM	1	12	20.46	20.41	20.37		
5	64QAM	1	24	20.38	20.41	20.30		
5	64QAM	12	0	20.17	20.02	19.96	21	0.5
5	64QAM	12	7	20.21	20.01	19.96		
5	64QAM	12	13	20.18	19.95	19.85		
5	64QAM	25	0	20.22	19.95	19.93		
5	256QAM	1	0	17.50	17.55	17.32	19	2.5
5	256QAM	1	12	17.47	17.39	17.26		
5	256QAM	1	24	17.37	17.26	17.05		
5	256QAM	12	0	17.44	17.55	17.39	19	2.5
5	256QAM	12	7	17.43	17.51	17.38		
5	256QAM	12	13	17.54	17.39	17.24		
5	256QAM	25	0	17.53	17.52	17.47		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.44	20.50	20.23	21.5	0
3	QPSK	1	8	20.36	20.36	20.20		
3	QPSK	1	14	20.45	20.20	20.07		
3	QPSK	8	0	20.42	20.52	20.34	21.5	0
3	QPSK	8	4	20.44	20.43	20.41		
3	QPSK	8	7	20.40	20.47	20.26		
3	QPSK	15	0	20.39	20.41	20.40		
3	16QAM	1	0	20.40	20.36	20.44	21.5	0
3	16QAM	1	8	20.46	20.44	20.43		
3	16QAM	1	14	20.53	20.38	20.42		
3	16QAM	8	0	20.44	20.42	20.47	21.5	0
3	16QAM	8	4	20.42	20.34	20.42		
3	16QAM	8	7	20.45	20.39	20.31		
3	16QAM	15	0	20.40	20.44	20.38		
3	64QAM	1	0	20.51	20.36	20.45	21.5	0
3	64QAM	1	8	20.45	20.35	20.36		
3	64QAM	1	14	20.45	20.41	20.31		
3	64QAM	8	0	20.15	20.10	20.02	21	0.5
3	64QAM	8	4	20.22	20.03	20.01		
3	64QAM	8	7	20.13	20.00	19.80		
3	64QAM	15	0	20.17	20.01	19.91		
3	256QAM	1	0	17.48	17.60	17.29	19	2.5
3	256QAM	1	8	17.48	17.37	17.28		
3	256QAM	1	14	17.40	17.29	17.11		
3	256QAM	8	0	17.50	17.51	17.37	19	2.5
3	256QAM	8	4	17.45	17.45	17.34		
3	256QAM	8	7	17.48	17.45	17.21		
3	256QAM	15	0	17.54	17.48	17.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.49	20.52	20.32	21.5	0
1.4	QPSK	1	3	20.38	20.34	20.20		
1.4	QPSK	1	5	20.40	20.17	20.07		
1.4	QPSK	3	0	20.46	20.49	20.39		
1.4	QPSK	3	1	20.48	20.45	20.34		
1.4	QPSK	3	3	20.45	20.45	20.17		
1.4	QPSK	6	0	20.41	20.48	20.44	21.5	0
1.4	16QAM	1	0	20.39	20.40	20.46	21.5	0
1.4	16QAM	1	3	20.46	20.40	20.39		
1.4	16QAM	1	5	20.52	20.45	20.43		
1.4	16QAM	3	0	20.42	20.40	20.44		
1.4	16QAM	3	1	20.40	20.36	20.40		
1.4	16QAM	3	3	20.45	20.39	20.25		
1.4	16QAM	6	0	20.41	20.49	20.42	21.5	0
1.4	64QAM	1	0	20.46	20.35	20.47	21.5	0
1.4	64QAM	1	3	20.42	20.42	20.32		
1.4	64QAM	1	5	20.37	20.45	20.28		
1.4	64QAM	3	0	20.41	20.40	20.28		
1.4	64QAM	3	1	20.46	20.33	20.22		
1.4	64QAM	3	3	20.47	20.29	20.16		
1.4	64QAM	6	0	20.15	20.02	19.90	21	0.5
1.4	256QAM	1	0	17.51	17.57	17.26	19	2.5
1.4	256QAM	1	3	17.48	17.37	17.24		
1.4	256QAM	1	5	17.38	17.24	17.06		
1.4	256QAM	3	0	17.49	17.50	17.39		
1.4	256QAM	3	1	17.42	17.50	17.35		
1.4	256QAM	3	3	17.51	17.48	17.24		
1.4	256QAM	6	0	17.57	17.53	17.47	19	2.5

Band 12_ANT 2 DSI3 Sim-Tx

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		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.63	22.66	22.62	23.5	0
10	QPSK	1	25	22.64	22.60	22.60		
10	QPSK	1	49	22.63	22.64	22.61		
10	QPSK	25	0	22.17	22.26	22.24	23	0.5
10	QPSK	25	12	22.12	22.26	22.22		
10	QPSK	25	25	22.15	22.25	22.20		
10	QPSK	50	0	22.21	22.24	22.20		
10	16QAM	1	0	22.48	22.40	22.46	23	0.5
10	16QAM	1	25	22.48	22.49	22.50		
10	16QAM	1	49	22.57	22.51	22.43		
10	16QAM	25	0	21.19	21.28	21.34	22	1.5
10	16QAM	25	12	21.32	21.31	21.34		
10	16QAM	25	25	21.32	21.28	21.27		
10	16QAM	50	0	21.30	21.31	21.32		
10	64QAM	1	0	21.39	21.32	21.36	22	1.5
10	64QAM	1	25	21.39	21.38	21.40		
10	64QAM	1	49	21.52	21.35	21.38		
10	64QAM	25	0	20.23	20.31	20.37	21	2.5
10	64QAM	25	12	20.35	20.34	20.37		
10	64QAM	25	25	20.36	20.33	20.35		
10	64QAM	50	0	20.33	20.34	20.36		
10	256QAM	1	0	17.59	17.61	17.57	19	4.5
10	256QAM	1	25	17.60	17.56	17.59		
10	256QAM	1	49	17.61	17.64	17.61		
10	256QAM	25	0	17.12	17.23	17.21	19	4.5
10	256QAM	25	12	17.10	17.25	17.21		
10	256QAM	25	25	17.10	17.22	17.15		
10	256QAM	50	0	17.17	17.21	17.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.56	22.63	22.58	23.5	0
5	QPSK	1	12	22.63	22.53	22.61		
5	QPSK	1	24	22.56	22.56	22.59		
5	QPSK	12	0	22.13	22.19	22.23	23	0.5
5	QPSK	12	7	22.13	22.25	22.21		
5	QPSK	12	13	22.15	22.17	22.18		
5	QPSK	25	0	22.13	22.17	22.15		
5	16QAM	1	0	22.40	22.41	22.41	23	0.5
5	16QAM	1	12	22.48	22.44	22.43		
5	16QAM	1	24	22.51	22.50	22.36		
5	16QAM	12	0	21.18	21.21	21.33	22	1.5
5	16QAM	12	7	21.31	21.32	21.33		
5	16QAM	12	13	21.27	21.20	21.28		
5	16QAM	25	0	21.25	21.25	21.33		
5	64QAM	1	0	21.32	21.33	21.31	22	1.5
5	64QAM	1	12	21.32	21.33	21.38		
5	64QAM	1	24	21.45	21.36	21.35		
5	64QAM	12	0	20.17	20.30	20.33	21	2.5
5	64QAM	12	7	20.34	20.36	20.38		
5	64QAM	12	13	20.35	20.29	20.31		
5	64QAM	25	0	20.33	20.33	20.33		
5	256QAM	1	0	17.54	17.56	17.54	19	4.5
5	256QAM	1	12	17.58	17.53	17.58		
5	256QAM	1	24	17.54	17.57	17.62		
5	256QAM	12	0	17.05	17.23	17.19	19	4.5
5	256QAM	12	7	17.10	17.26	17.17		
5	256QAM	12	13	17.11	17.23	17.16		
5	256QAM	25	0	17.17	17.13	17.11		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.59	22.65	22.58	23.5	0
3	QPSK	1	8	22.57	22.54	22.58		
3	QPSK	1	14	22.60	22.65	22.57		
3	QPSK	8	0	22.10	22.22	22.17	23	0.5
3	QPSK	8	4	22.11	22.27	22.18		
3	QPSK	8	7	22.07	22.22	22.12		
3	QPSK	15	0	22.15	22.17	22.19		
3	16QAM	1	0	22.48	22.36	22.41	23	0.5
3	16QAM	1	8	22.45	22.45	22.50		
3	16QAM	1	14	22.58	22.43	22.37		
3	16QAM	8	0	21.14	21.25	21.29	22	1.5
3	16QAM	8	4	21.27	21.31	21.29		
3	16QAM	8	7	21.30	21.22	21.24		
3	16QAM	15	0	21.31	21.23	21.27		
3	64QAM	1	0	21.37	21.30	21.34	22	1.5
3	64QAM	1	8	21.31	21.30	21.36		
3	64QAM	1	14	21.44	21.34	21.36		
3	64QAM	8	0	20.21	20.27	20.30	21	2.5
3	64QAM	8	4	20.32	20.30	20.31		
3	64QAM	8	7	20.28	20.31	20.28		
3	64QAM	15	0	20.29	20.30	20.29		
3	256QAM	1	0	17.58	17.59	17.49	19	4.5
3	256QAM	1	8	17.54	17.51	17.59		
3	256QAM	1	14	17.62	17.56	17.60		
3	256QAM	8	0	17.08	17.19	17.15	19	4.5
3	256QAM	8	4	17.03	17.19	17.13		
3	256QAM	8	7	17.10	17.20	17.09		
3	256QAM	15	0	17.15	17.15	17.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.64	22.60	22.62	23.5	0
1.4	QPSK	1	3	22.65	22.60	22.58		
1.4	QPSK	1	5	22.57	22.59	22.57		
1.4	QPSK	3	0	22.53	22.64	22.57		
1.4	QPSK	3	2	22.44	22.59	22.60		
1.4	QPSK	3	3	22.49	22.62	22.56		
1.4	QPSK	6	0	22.15	22.24	22.12	23	0.5
1.4	16QAM	1	0	22.48	22.36	22.46	23	0.5
1.4	16QAM	1	3	22.44	22.48	22.47		
1.4	16QAM	1	5	22.54	22.44	22.41		
1.4	16QAM	3	0	22.11	22.22	22.35		
1.4	16QAM	3	1	22.24	22.31	22.30		
1.4	16QAM	3	3	22.26	22.22	22.22		
1.4	16QAM	6	0	21.30	21.32	21.25	22	1.5
1.4	64QAM	1	0	21.35	21.33	21.30	22	1.5
1.4	64QAM	1	3	21.39	21.30	21.40		
1.4	64QAM	1	5	21.52	21.33	21.32		
1.4	64QAM	3	0	21.23	21.28	21.34		
1.4	64QAM	3	1	21.35	21.34	21.31		
1.4	64QAM	3	3	21.37	21.29	21.27		
1.4	64QAM	6	0	20.27	20.32	20.29	21	2.5
1.4	256QAM	1	0	17.54	17.61	17.53	19	4.5
1.4	256QAM	1	3	17.52	17.53	17.59		
1.4	256QAM	1	5	17.57	17.63	17.59		
1.4	256QAM	3	0	17.05	17.24	17.21		
1.4	256QAM	3	1	17.05	17.21	17.13		
1.4	256QAM	3	3	17.04	17.14	17.11		
1.4	256QAM	6	0	17.18	17.15	17.16	19	4.5

Band 13_ANT 2 DSI3 Sim-Tx

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)					782			
10	QPSK	1	0		21.47		22.5	0
10	QPSK	1	25		21.43			
10	QPSK	1	49		21.40			
10	QPSK	25	0		21.45		22.5	0
10	QPSK	25	12		21.27			
10	QPSK	25	25		21.23			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.31		22.5	0
10	16QAM	1	25		21.40			
10	16QAM	1	49		21.35			
10	16QAM	25	0		20.93		22	0.5
10	16QAM	25	12		21.01			
10	16QAM	25	25		21.06			
10	16QAM	50	0		21.02			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.20			
10	64QAM	1	49		21.20			
10	64QAM	25	0		19.95		21	1.5
10	64QAM	25	12		20.04			
10	64QAM	25	25		20.05			
10	64QAM	50	0		20.05			
10	256QAM	1	0		17.87		19	3.5
10	256QAM	1	25		17.80			
10	256QAM	1	49		17.77			
10	256QAM	25	0		17.78		19	3.5
10	256QAM	25	12		17.60			
10	256QAM	25	25		17.58			
10	256QAM	50	0		17.74			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.22	21.15	21.26	22.5	0
5	QPSK	1	12	21.32	21.41	21.43		
5	QPSK	1	24	21.26	21.28	21.39		
5	QPSK	12	0	21.04	21.22	21.27	22.5	0
5	QPSK	12	7	21.23	21.32	21.36		
5	QPSK	12	13	21.02	21.12	21.22		
5	QPSK	25	0	21.33	21.25	21.33		
5	16QAM	1	0	21.32	21.42	21.40	22.5	0
5	16QAM	1	12	21.27	21.44	21.46		
5	16QAM	1	24	21.08	21.17	21.26		
5	16QAM	12	0	20.86	20.95	20.99	22	0.5
5	16QAM	12	7	20.96	21.05	21.11		
5	16QAM	12	13	20.93	20.98	21.08		
5	16QAM	25	0	21.06	20.94	21.05		
5	64QAM	1	0	21.06	21.01	21.13	22	0.5
5	64QAM	1	12	21.00	21.10	21.17		
5	64QAM	1	24	21.09	21.12	21.15		
5	64QAM	12	0	19.87	19.94	19.99	21	1.5
5	64QAM	12	7	20.01	20.07	20.14		
5	64QAM	12	13	19.95	20.01	20.09		
5	64QAM	25	0	19.94	19.97	20.03		
5	256QAM	1	0	17.87	17.66	18.01	19	3.5
5	256QAM	1	12	17.80	17.72	17.85		
5	256QAM	1	24	17.77	17.60	17.76		
5	256QAM	12	0	17.78	17.93	17.77	19	3.5
5	256QAM	12	7	17.80	17.48	17.30		
5	256QAM	12	13	17.58	17.65	17.60		
5	256QAM	25	0	17.74	17.34	17.70		

Band 66_ANT 2 DSI3 Sim-Tx

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	19.88	19.86	19.89	21	0
20	QPSK	1	49	19.68	19.85	19.80		
20	QPSK	1	99	19.68	19.78	19.83		
20	QPSK	50	0	19.73	19.70	19.74	21	0
20	QPSK	50	24	19.70	19.65	19.70		
20	QPSK	50	50	19.69	19.64	19.68		
20	QPSK	100	0	19.70	19.67	19.71		
20	16QAM	1	0	19.70	19.81	19.78	21	0
20	16QAM	1	49	19.68	19.81	19.81		
20	16QAM	1	99	19.73	19.82	19.87		
20	16QAM	50	0	19.56	19.77	19.86	21	0
20	16QAM	50	24	19.60	19.75	19.84		
20	16QAM	50	50	19.58	19.77	19.87		
20	16QAM	100	0	19.81	19.79	19.81		
20	64QAM	1	0	19.74	19.81	19.72	21	0
20	64QAM	1	49	19.72	19.82	19.79		
20	64QAM	1	99	19.69	19.81	19.83		
20	64QAM	50	0	19.17	19.40	19.49	21	0
20	64QAM	50	24	19.23	19.38	19.55		
20	64QAM	50	50	19.19	19.42	19.48		
20	64QAM	100	0	19.20	19.36	19.44		
20	256QAM	1	0	16.65	16.62	16.74	18	3
20	256QAM	1	49	16.50	16.67	16.64		
20	256QAM	1	99	16.53	16.60	16.60		
20	256QAM	50	0	16.56	16.55	16.52	18	3
20	256QAM	50	24	16.53	16.41	16.47		
20	256QAM	50	50	16.52	16.42	16.50		
20	256QAM	100	0	16.52	16.48	16.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.82	19.81	19.82	21	0
15	QPSK	1	37	19.62	19.81	19.80		
15	QPSK	1	74	19.67	19.75	19.77		
15	QPSK	36	0	19.70	19.63	19.71	21	0
15	QPSK	36	20	19.64	19.61	19.65		
15	QPSK	36	39	19.66	19.57	19.69		
15	QPSK	75	0	19.65	19.62	19.67		
15	16QAM	1	0	19.70	19.75	19.78	21	0
15	16QAM	1	37	19.63	19.78	19.77		
15	16QAM	1	74	19.74	19.79	19.87		
15	16QAM	36	0	19.54	19.77	19.87	21	0
15	16QAM	36	20	19.57	19.71	19.78		
15	16QAM	36	39	19.50	19.77	19.82		
15	16QAM	75	0	19.56	19.80	19.82		
15	64QAM	1	0	19.75	19.82	19.88	21	0
15	64QAM	1	37	19.68	19.80	19.80		
15	64QAM	1	74	19.65	19.81	19.84		
15	64QAM	36	0	19.14	19.40	19.43	21	0
15	64QAM	36	20	19.21	19.36	19.55		
15	64QAM	36	39	19.15	19.36	19.47		
15	64QAM	75	0	19.18	19.29	19.45		
15	256QAM	1	0	16.58	16.58	16.70	18	3
15	256QAM	1	37	16.44	16.64	16.65		
15	256QAM	1	74	16.46	16.54	16.58		
15	256QAM	36	0	16.49	16.52	16.53	18	3
15	256QAM	36	20	16.45	16.35	16.42		
15	256QAM	36	39	16.34	16.42	16.47		
15	256QAM	75	0	16.50	16.41	16.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.83	19.78	19.87	21	0
10	QPSK	1	25	19.67	19.82	19.77		
10	QPSK	1	49	19.69	19.75	19.77		
10	QPSK	25	0	19.67	19.82	19.69	21	0
10	QPSK	25	12	19.66	19.61	19.65		
10	QPSK	25	25	19.70	19.61	19.66		
10	QPSK	50	0	19.63	19.68	19.69		
10	16QAM	1	0	19.64	19.80	19.74	21	0
10	16QAM	1	25	19.62	19.76	19.75		
10	16QAM	1	49	19.71	19.77	19.87		
10	16QAM	25	0	19.54	19.78	19.81	21	0
10	16QAM	25	12	19.53	19.69	19.85		
10	16QAM	25	25	19.51	19.75	19.85		
10	16QAM	50	0	19.53	19.80	19.73		
10	64QAM	1	0	19.71	19.78	19.68	21	0
10	64QAM	1	25	19.64	19.77	19.71		
10	64QAM	1	49	19.62	19.77	19.79		
10	64QAM	25	0	19.14	19.36	19.44	21	0
10	64QAM	25	12	19.16	19.36	19.49		
10	64QAM	25	25	19.14	19.41	19.43		
10	64QAM	50	0	19.17	19.35	19.39		
10	256QAM	1	0	16.57	16.62	16.75	18	3
10	256QAM	1	25	16.48	16.67	16.65		
10	256QAM	1	49	16.54	16.56	16.56		
10	256QAM	25	0	16.51	16.53	16.44	18	3
10	256QAM	25	12	16.50	16.37	16.45		
10	256QAM	25	25	16.46	16.34	16.50		
10	256QAM	50	0	16.47	16.49	16.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.80	19.79	19.83	21	0
5	QPSK	1	12	19.64	19.78	19.78		
5	QPSK	1	24	19.63	19.70	19.76		
5	QPSK	12	0	19.71	19.64	19.73	21	0
5	QPSK	12	7	19.62	19.65	19.68		
5	QPSK	12	13	19.67	19.65	19.65		
5	QPSK	25	0	19.62	19.62	19.70		
5	16QAM	1	0	19.62	19.82	19.74	21	0
5	16QAM	1	12	19.68	19.79	19.73		
5	16QAM	1	24	19.74	19.79	19.88		
5	16QAM	12	0	19.55	19.71	19.84	21	0
5	16QAM	12	7	19.57	19.67	19.80		
5	16QAM	12	13	19.50	19.78	19.85		
5	16QAM	25	0	19.57	19.71	19.81		
5	64QAM	1	0	19.66	19.79	19.73	21	0
5	64QAM	1	12	19.67	19.81	19.78		
5	64QAM	1	24	19.65	19.82	19.77		
5	64QAM	12	0	19.13	19.34	19.43	21	0
5	64QAM	12	7	19.18	19.38	19.51		
5	64QAM	12	13	19.18	19.42	19.45		
5	64QAM	25	0	19.14	19.32	19.41		
5	256QAM	1	0	16.57	16.62	16.75	18	3
5	256QAM	1	12	16.42	16.59	16.64		
5	256QAM	1	24	16.54	16.60	16.59		
5	256QAM	12	0	16.55	16.56	16.53	18	3
5	256QAM	12	7	16.51	16.42	16.48		
5	256QAM	12	13	16.51	16.40	16.50		
5	256QAM	25	0	16.53	16.49	16.47		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.84	19.83	19.82	21	0
3	QPSK	1	8	19.64	19.77	19.73		
3	QPSK	1	14	19.63	19.79	19.80		
3	QPSK	8	0	19.73	19.69	19.73	21	0
3	QPSK	8	4	19.68	19.64	19.68		
3	QPSK	8	7	19.62	19.58	19.61		
3	QPSK	15	0	19.66	19.65	19.66		
3	16QAM	1	0	19.66	19.76	19.72	21	0
3	16QAM	1	8	19.64	19.74	19.77		
3	16QAM	1	14	19.73	19.76	19.80		
3	16QAM	8	0	19.50	19.71	19.81	21	0
3	16QAM	8	4	19.53	19.71	19.84		
3	16QAM	8	7	19.58	19.72	19.82		
3	16QAM	15	0	19.60	19.74	19.82		
3	64QAM	1	0	19.73	19.73	19.64	21	0
3	64QAM	1	8	19.68	19.83	19.74		
3	64QAM	1	14	19.61	19.73	19.75		
3	64QAM	8	0	19.10	19.39	19.42	21	0
3	64QAM	8	4	19.19	19.36	19.54		
3	64QAM	8	7	19.15	19.42	19.41		
3	64QAM	15	0	19.16	19.31	19.42		
3	256QAM	1	0	16.64	16.60	16.71	18	3
3	256QAM	1	8	16.47	16.66	16.63		
3	256QAM	1	14	16.52	16.53	16.56		
3	256QAM	8	0	16.55	16.53	16.46	18	3
3	256QAM	8	4	16.49	16.37	16.41		
3	256QAM	8	7	16.54	16.43	16.44		
3	256QAM	15	*	16.44	16.45	16.44		
Channel				131879	132322	132865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.84	19.83	19.88	21	0
1.4	QPSK	1	3	19.61	19.79	19.74		
1.4	QPSK	1	5	19.61	19.74	19.83		
1.4	QPSK	3	0	19.74	19.65	19.66		
1.4	QPSK	3	1	19.69	19.64	19.67		
1.4	QPSK	3	3	19.68	19.62	19.69		
1.4	QPSK	6	0	19.67	19.62	19.70	21	0
1.4	16QAM	1	0	19.63	19.77	19.77	21	0
1.4	16QAM	1	3	19.63	19.74	19.81		
1.4	16QAM	1	5	19.67	19.82	19.80		
1.4	16QAM	3	0	19.53	19.71	19.81		
1.4	16QAM	3	1	19.59	19.71	19.79		
1.4	16QAM	3	3	19.51	19.76	19.86		
1.4	16QAM	6	0	19.53	19.75	19.77	21	0
1.4	64QAM	1	0	19.72	19.78	19.71	21	0
1.4	64QAM	1	3	19.64	19.80	19.79		
1.4	64QAM	1	5	19.66	19.74	19.76		
1.4	64QAM	3	0	19.17	19.34	19.41		
1.4	64QAM	3	1	19.16	19.34	19.54		
1.4	64QAM	3	3	19.20	19.34	19.40		
1.4	64QAM	6	0	19.18	19.33	19.45	21	0
1.4	256QAM	1	0	16.66	16.63	16.70	18	3
1.4	256QAM	1	3	16.43	16.62	16.65		
1.4	256QAM	1	5	16.46	16.61	16.54		
1.4	256QAM	3	0	16.50	16.53	16.53		
1.4	256QAM	3	1	16.52	16.38	16.42		
1.4	256QAM	3	3	16.51	16.35	16.46		
1.4	256QAM	6	0	16.53	16.40	16.51	18	3

Band 48_FCC_Ant4 DSI3 Sim-Tx

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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.72	16.84	16.61	16.79	17.5	0
20	QPSK	1	49	16.80	16.79	16.72	16.77		
20	QPSK	1	99	16.84	16.91	16.74	16.90		
20	QPSK	50	0	16.73	16.79	16.64	16.75	17.5	0
20	QPSK	50	24	16.67	16.69	16.62	16.84		
20	QPSK	50	50	16.70	16.74	16.63	16.80		
20	QPSK	100	0	16.70	16.73	16.70	16.72		
20	16QAM	1	0	16.61	16.72	16.55	16.74	17.5	0
20	16QAM	1	49	16.70	16.70	16.59	16.83		
20	16QAM	1	99	16.75	16.63	16.60	16.89		
20	16QAM	50	0	16.78	16.79	16.69	16.87	17.5	0
20	16QAM	50	24	16.74	16.72	16.72	16.86		
20	16QAM	50	50	16.78	16.74	16.75	16.83		
20	16QAM	100	0	16.77	16.72	16.74	16.88		
20	64QAM	1	0	16.48	16.51	16.37	16.54	17.5	0
20	64QAM	1	49	16.52	16.47	16.38	16.63		
20	64QAM	1	99	16.55	16.40	16.45	16.72		
20	64QAM	50	0	16.78	16.78	16.67	16.86	17.5	0
20	64QAM	50	24	16.79	16.74	16.71	16.88		
20	64QAM	50	50	16.80	16.72	16.76	16.82		
20	64QAM	100	0	16.82	16.76	16.73	16.80		
20	256QAM	1	0	16.59	16.65	16.46	16.64	17.5	0
20	256QAM	1	49	16.54	16.50	16.36	16.66		
20	256QAM	1	99	16.63	16.47	16.49	16.77		
20	256QAM	50	0	16.82	16.88	16.78	16.87	17.5	0
20	256QAM	50	24	16.89	16.85	16.80	16.84		
20	256QAM	50	50	16.82	16.87	16.82	16.81		
20	256QAM	100	0	16.81	16.74	16.74	16.86		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.67	16.79	16.59	16.76	17.5	0
15	QPSK	1	37	16.80	16.78	16.66	16.69		
15	QPSK	1	74	16.84	16.86	16.70	16.86		
15	QPSK	36	0	16.69	16.77	16.63	16.81	17.5	0
15	QPSK	36	20	16.68	16.66	16.54	16.84		
15	QPSK	36	39	16.66	16.70	16.59	16.77		
15	QPSK	75	0	16.66	16.69	16.71	16.70		
15	16QAM	1	0	16.60	16.72	16.47	16.75	17.5	0
15	16QAM	1	37	16.62	16.63	16.51	16.80		
15	16QAM	1	74	16.70	16.59	16.57	16.89		
15	16QAM	36	0	16.70	16.73	16.70	16.84	17.5	0
15	16QAM	36	20	16.74	16.65	16.71	16.79		
15	16QAM	36	39	16.75	16.68	16.75	16.82		
15	16QAM	75	0	16.76	16.71	16.73	16.89		
15	64QAM	1	0	16.41	16.52	16.35	16.47	17.5	0
15	64QAM	1	37	16.45	16.47	16.31	16.56		
15	64QAM	1	74	16.48	16.35	16.45	16.71		
15	64QAM	36	0	16.70	16.78	16.68	16.83	17.5	0
15	64QAM	36	20	16.73	16.73	16.69	16.84		
15	64QAM	36	39	16.76	16.73	16.71	16.78		
15	64QAM	75	0	16.78	16.74	16.67	16.81		
15	256QAM	1	0	16.60	16.57	16.40	16.62	17.5	0
15	256QAM	1	37	16.50	16.49	16.37	16.58		
15	256QAM	1	74	16.57	16.40	16.48	16.72		
15	256QAM	36	0	16.74	16.87	16.71	16.83	17.5	0
15	256QAM	36	20	16.90	16.86	16.74	16.76		
15	256QAM	36	39	16.82	16.85	16.80	16.77		
15	256QAM	75	0	16.75	16.70	16.69	16.82		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.65	16.84	16.62	16.78	17.5	0
10	QPSK	1	25	16.78	16.76	16.65	16.73		
10	QPSK	1	49	16.81	16.85	16.74	16.85		
10	QPSK	25	0	16.74	16.78	16.63	16.79	17.5	0
10	QPSK	25	12	16.64	16.61	16.58	16.82		
10	QPSK	25	25	16.71	16.71	16.62	16.77		
10	QPSK	50	0	16.69	16.69	16.64	16.68		
10	16QAM	1	0	16.55	16.64	16.52	16.68	17.5	0
10	16QAM	1	25	16.63	16.65	16.55	16.83		
10	16QAM	1	49	16.67	16.58	16.59	16.81		
10	16QAM	25	0	16.72	16.72	16.63	16.81	17.5	0
10	16QAM	25	12	16.74	16.64	16.69	16.81		
10	16QAM	25	25	16.71	16.68	16.74	16.82		
10	16QAM	50	0	16.72	16.71	16.69	16.85		
10	64QAM	1	0	16.43	16.52	16.38	16.51	17.5	0
10	64QAM	1	25	16.51	16.40	16.39	16.60		
10	64QAM	1	49	16.50	16.33	16.37	16.69		
10	64QAM	25	0	16.71	16.76	16.65	16.78	17.5	0
10	64QAM	25	12	16.78	16.70	16.63	16.86		
10	64QAM	25	25	16.77	16.70	16.76	16.83		
10	64QAM	50	0	16.80	16.69	16.72	16.75		
10	256QAM	1	0	16.56	16.60	16.40	16.58	17.5	0
10	256QAM	1	25	16.54	16.43	16.37	16.67		
10	256QAM	1	49	16.58	16.40	16.45	16.74		
10	256QAM	25	0	16.79	16.87	16.71	16.83	17.5	0
10	256QAM	25	12	16.89	16.83	16.72	16.83		
10	256QAM	25	25	16.81	16.82	16.77	16.74		
10	256QAM	50	0	16.74	16.72	16.73	16.79		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.67	16.85	16.54	16.79	17.5	0
5	QPSK	1	12	16.72	16.76	16.73	16.76		
5	QPSK	1	24	16.79	16.87	16.71	16.86		
5	QPSK	12	0	16.74	16.80	16.62	16.84	17.5	0
5	QPSK	12	7	16.59	16.69	16.57	16.77		
5	QPSK	12	13	16.67	16.72	16.59	16.72		
5	QPSK	25	0	16.69	16.69	16.71	16.72		
5	16QAM	1	0	16.56	16.67	16.54	16.72	17.5	0
5	16QAM	1	12	16.67	16.63	16.54	16.84		
5	16QAM	1	24	16.75	16.64	16.57	16.85		
5	16QAM	12	0	16.72	16.79	16.66	16.84	17.5	0
5	16QAM	12	7	16.69	16.69	16.64	16.84		
5	16QAM	12	13	16.71	16.73	16.70	16.80		
5	16QAM	25	0	16.71	16.65	16.72	16.80		
5	64QAM	1	0	16.42	16.44	16.32	16.47	17.5	0
5	64QAM	1	12	16.53	16.43	16.32	16.64		
5	64QAM	1	24	16.55	16.40	16.38	16.72		
5	64QAM	12	0	16.76	16.75	16.66	16.84	17.5	0
5	64QAM	12	7	16.76	16.73	16.70	16.86		
5	64QAM	12	13	16.76	16.65	16.72	16.78		
5	64QAM	25	0	16.81	16.75	16.69	16.81		
5	256QAM	1	0	16.54	16.60	16.42	16.62	17.5	0
5	256QAM	1	12	16.46	16.51	16.30	16.61		
5	256QAM	1	24	16.60	16.48	16.48	16.73		
5	256QAM	12	0	16.76	16.83	16.74	16.80	17.5	0
5	256QAM	12	7	16.89	16.82	16.80	16.84		
5	256QAM	12	13	16.74	16.81	16.75	16.79		
5	256QAM	25	0	16.74	16.70	16.66	16.84		

GSM1900—ANT 1 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.82	28.68	29.27	30.00	19.82	19.68	20.27	21.00
GPRS 1 Tx slot	28.84	28.73	29.28	30.00	19.84	19.73	20.28	21.00
GPRS 2 Tx slots	25.71	25.75	25.93	27.00	19.71	19.75	19.93	21.00
GPRS 3 Tx slots	23.89	24.06	24.48	25.50	19.63	19.80	20.22	21.24
GPRS 4 Tx slots	22.70	22.65	23.08	24.00	19.70	19.65	20.08	21.00
EDGE 1 Tx slot	25.81	25.59	25.88	27.00	16.81	16.59	16.88	18.00
EDGE 2 Tx slots	24.79	24.78	24.83	25.50	18.79	18.78	18.83	19.50
EDGE 3 Tx slots	23.23	22.90	23.06	24.50	18.97	18.64	18.80	20.24
EDGE 4 Tx slots	21.52	21.38	21.29	22.50	18.52	18.38	18.29	19.50

Band		WCDMA II—ANT 1 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.68	19.66	19.63	20.50
3GPP Rel 99	RMC 12.2Kbps	19.70	19.67	19.65	20.50
3GPP Rel 6	HSDPA Subtest-1	18.74	18.75	18.69	19.50
3GPP Rel 6	HSDPA Subtest-2	18.76	18.72	18.63	19.50
3GPP Rel 6	HSDPA Subtest-3	18.26	18.23	18.31	19.00
3GPP Rel 6	HSDPA Subtest-4	18.19	18.26	18.31	19.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.65	18.72	18.72	19.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.79	18.75	18.76	19.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.35	18.36	18.32	19.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.41	18.41	18.34	19.00
3GPP Rel 6	HSUPA Subtest-1	18.85	18.82	18.84	19.50
3GPP Rel 6	HSUPA Subtest-2	16.87	16.79	16.82	17.50
3GPP Rel 6	HSUPA Subtest-3	17.89	17.74	17.73	18.50
3GPP Rel 6	HSUPA Subtest-4	16.88	16.92	16.73	17.50
3GPP Rel 6	HSUPA Subtest-5	18.91	18.75	18.88	19.50

Band 2_ANT 1 DSI6

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	20.10	19.98	19.88	21	0
20	QPSK	1	49	19.96	19.88	19.86		
20	QPSK	1	99	19.85	19.80	19.79		
20	QPSK	50	0	20.07	19.95	19.83	21	0
20	QPSK	50	24	20.03	19.92	19.81		
20	QPSK	50	50	19.88	19.86	19.82		
20	QPSK	100	0	19.97	19.94	19.80		
20	16QAM	1	0	20.09	20.00	19.95	21	0
20	16QAM	1	49	20.01	20.08	20.08		
20	16QAM	1	99	19.95	19.98	19.98		
20	16QAM	50	0	20.04	19.97	19.85	21	0
20	16QAM	50	24	20.01	19.92	19.84		
20	16QAM	50	50	19.89	19.86	19.90		
20	16QAM	100	0	19.91	19.92	19.84		
20	64QAM	1	0	20.04	19.95	19.92	21	0
20	64QAM	1	49	19.98	20.01	20.03		
20	64QAM	1	99	19.90	19.85	19.84		
20	64QAM	50	0	19.68	19.60	19.49	21	0
20	64QAM	50	24	19.65	19.57	19.46		
20	64QAM	50	50	19.48	19.48	19.49		
20	64QAM	100	0	19.58	19.52	19.46		
20	256QAM	1	0	17.54	17.45	17.47	19	2
20	256QAM	1	49	17.75	17.56	17.50		
20	256QAM	1	99	17.54	17.63	17.62		
20	256QAM	50	0	17.90	17.59	17.66	19	2
20	256QAM	50	24	17.84	17.68	17.64		
20	256QAM	50	50	17.85	17.62	17.72		
20	256QAM	100	0	17.81	17.64	17.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.02	19.89	19.80	21	0
15	QPSK	1	37	19.89	19.79	19.73		
15	QPSK	1	74	19.74	19.71	19.70		
15	QPSK	36	0	19.96	19.83	19.71	21	0
15	QPSK	36	20	19.96	19.83	19.73		
15	QPSK	36	39	19.78	19.76	19.69		
15	QPSK	75	0	19.88	19.81	19.72		
15	16QAM	1	0	19.97	19.90	19.83	21	0
15	16QAM	1	37	19.93	19.97	20.01		
15	16QAM	1	74	19.83	19.87	19.86		
15	16QAM	36	0	19.94	19.88	19.77	21	0
15	16QAM	36	20	19.88	19.79	19.72		
15	16QAM	36	39	19.82	19.77	19.83		
15	16QAM	75	0	19.79	19.84	19.77		
15	64QAM	1	0	19.97	19.85	19.81	21	0
15	64QAM	1	37	19.90	19.93	19.91		
15	64QAM	1	74	19.78	19.74	19.71		
15	64QAM	36	0	19.59	19.52	19.36	21	0
15	64QAM	36	20	19.55	19.50	19.37		
15	64QAM	36	39	19.36	19.37	19.40		
15	64QAM	75	0	19.51	19.45	19.38		
15	256QAM	1	0	17.82	17.46	17.75	19	2
15	256QAM	1	37	17.70	17.84	17.73		
15	256QAM	1	74	17.66	17.41	17.85		
15	256QAM	36	0	17.62	17.81	17.44	19	2
15	256QAM	36	20	17.71	17.79	17.88		
15	256QAM	36	39	17.77	17.79	17.72		
15	256QAM	75	0	17.71	17.63	17.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.01	19.87	19.80	21	0
10	QPSK	1	25	19.85	19.80	19.77		
10	QPSK	1	49	19.74	19.68	19.66		
10	QPSK	25	0	19.99	19.85	19.75	21	0
10	QPSK	25	12	19.95	19.81	19.68		
10	QPSK	25	25	19.79	19.73	19.72		
10	QPSK	50	0	19.85	19.81	19.69		
10	16QAM	1	0	20.02	19.92	19.85	21	0
10	16QAM	1	25	19.92	19.95	19.95		
10	16QAM	1	49	19.88	19.89	19.90		
10	16QAM	25	0	19.97	19.89	19.74	21	0
10	16QAM	25	12	19.91	19.79	19.71		
10	16QAM	25	25	19.80	19.77	19.81		
10	16QAM	50	0	19.83	19.84	19.72		
10	64QAM	1	0	19.91	19.85	19.79	21	0
10	64QAM	1	25	19.86	19.91	19.91		
10	64QAM	1	49	19.79	19.73	19.73		
10	64QAM	25	0	19.61	19.51	19.38	21	0
10	64QAM	25	12	19.56	19.46	19.38		
10	64QAM	25	25	19.41	19.38	19.41		
10	64QAM	50	0	19.51	19.40	19.37		
10	256QAM	1	0	17.53	17.85	17.52	19	2
10	256QAM	1	25	17.78	17.80	17.76		
10	256QAM	1	49	17.46	17.57	17.85		
10	256QAM	25	0	17.79	17.55	17.45	19	2
10	256QAM	25	12	17.84	17.82	17.42		
10	256QAM	25	25	17.74	17.41	17.70		
10	256QAM	50	0	17.65	17.86	17.49		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.02	19.90	19.76	21	0
5	QPSK	1	12	19.86	19.76	19.75		
5	QPSK	1	24	19.78	19.72	19.68		
5	QPSK	12	0	19.97	19.85	19.71	21	0
5	QPSK	12	7	19.93	19.79	19.70		
5	QPSK	12	13	19.75	19.74	19.69		
5	QPSK	25	0	19.89	19.83	19.71		
5	16QAM	1	0	20.02	19.87	19.83	21	0
5	16QAM	1	12	19.88	19.95	19.98		
5	16QAM	1	24	19.84	19.91	19.87		
5	16QAM	12	0	19.95	19.87	19.75	21	0
5	16QAM	12	7	19.91	19.80	19.72		
5	16QAM	12	13	19.77	19.76	19.78		
5	16QAM	25	0	19.78	19.83	19.75		
5	64QAM	1	0	19.96	19.85	19.79	21	0
5	64QAM	1	12	19.87	19.89	19.96		
5	64QAM	1	24	19.79	19.75	19.73		
5	64QAM	12	0	19.56	19.48	19.42	21	0
5	64QAM	12	7	19.56	19.45	19.36		
5	64QAM	12	13	19.35	19.35	19.40		
5	64QAM	25	0	19.48	19.41	19.33		
5	256QAM	1	0	17.88	17.59	17.83	19	2
5	256QAM	1	12	17.62	17.75	17.52		
5	256QAM	1	24	17.56	17.88	17.47		
5	256QAM	12	0	17.44	17.43	17.56	19	2
5	256QAM	12	7	17.79	17.66	17.81		
5	256QAM	12	13	17.70	17.73	17.84		
5	256QAM	25	0	17.55	17.89	17.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.00	19.90	19.79	21	0
3	QPSK	1	8	19.83	19.79	19.77		
3	QPSK	1	14	19.78	19.69	19.69		
3	QPSK	8	0	19.98	19.87	19.72	21	0
3	QPSK	8	4	19.95	19.81	19.68		
3	QPSK	8	7	19.78	19.79	19.73		
3	QPSK	15	0	19.85	19.83	19.73		
3	16QAM	1	0	20.02	19.88	19.84	21	0
3	16QAM	1	8	19.92	20.01	19.96		
3	16QAM	1	14	19.87	19.91	19.87		
3	16QAM	8	0	19.94	19.84	19.73	21	0
3	16QAM	8	4	19.92	19.81	19.74		
3	16QAM	8	7	19.82	19.75	19.77		
3	16QAM	15	0	19.80	19.83	19.71		
3	64QAM	1	0	19.96	19.86	19.79	21	0
3	64QAM	1	8	19.91	19.94	19.93		
3	64QAM	1	14	19.80	19.76	19.76		
3	64QAM	8	0	19.61	19.49	19.40	21	0
3	64QAM	8	4	19.52	19.47	19.35		
3	64QAM	8	7	19.40	19.41	19.36		
3	64QAM	15	0	19.45	19.43	19.38		
3	256QAM	1	0	17.42	17.69	17.82	19	2
3	256QAM	1	8	17.66	17.50	17.46		
3	256QAM	1	14	17.79	17.84	17.60		
3	256QAM	8	0	17.83	17.63	17.76	19	2
3	256QAM	8	4	17.42	17.78	17.66		
3	256QAM	8	7	17.88	17.68	17.44		
3	256QAM	15	0	17.82	17.70	17.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.03	19.91	19.80	21	0
1.4	QPSK	1	3	19.86	19.80	19.74		
1.4	QPSK	1	5	19.73	19.73	19.70		
1.4	QPSK	3	0	19.99	19.86	19.70		
1.4	QPSK	3	1	19.95	19.81	19.72		
1.4	QPSK	3	3	19.79	19.78	19.70		
1.4	QPSK	6	0	19.84	19.83	19.69	21	0
1.4	16QAM	1	0	20.00	19.87	19.83	21	0
1.4	16QAM	1	3	19.91	19.95	19.98		
1.4	16QAM	1	5	19.85	19.85	19.90		
1.4	16QAM	3	0	19.93	19.86	19.74		
1.4	16QAM	3	1	19.94	19.79	19.72		
1.4	16QAM	3	3	19.77	19.78	19.79		
1.4	16QAM	6	0	19.81	19.85	19.76	21	0
1.4	64QAM	1	0	19.94	19.83	19.83	21	0
1.4	64QAM	1	3	19.89	19.88	19.90		
1.4	64QAM	1	5	19.77	19.73	19.72		
1.4	64QAM	3	0	19.95	19.88	19.79		
1.4	64QAM	3	1	19.98	19.88	19.74		
1.4	64QAM	3	3	19.76	19.79	19.79		
1.4	64QAM	6	0	19.86	19.85	19.78	21	0
1.4	256QAM	1	0	17.50	17.73	17.62	19	2
1.4	256QAM	1	3	17.66	17.60	17.74		
1.4	256QAM	1	5	17.50	17.52	17.66		
1.4	256QAM	3	0	17.75	17.55	17.41		
1.4	256QAM	3	1	17.50	17.42	17.45		
1.4	256QAM	3	3	17.56	17.79	17.60		
1.4	256QAM	6	0	17.77	17.56	17.60	19	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.11	21.16	21.14	22	0
20	QPSK	1	49	20.96	21.02	21.06		
20	QPSK	1	99	21.04	21.00	21.08		
20	QPSK	50	0	21.06	21.06	21.03	22	0
20	QPSK	50	24	20.89	21.01	20.97		
20	QPSK	50	50	20.94	21.07	20.93		
20	QPSK	100	0	20.92	20.90	20.97		
20	16QAM	1	0	21.09	21.09	21.10	22	0
20	16QAM	1	49	21.05	21.00	21.01		
20	16QAM	1	99	21.15	21.01	21.06		
20	16QAM	50	0	20.36	20.52	20.65	22	0
20	16QAM	50	24	20.47	20.55	20.82		
20	16QAM	50	50	20.45	20.60	20.69		
20	16QAM	100	0	20.43	20.48	20.62		
20	64QAM	1	0	20.56	20.66	20.86	22	0
20	64QAM	1	49	20.57	20.85	20.92		
20	64QAM	1	99	20.60	20.79	20.70		
20	64QAM	50	0	19.49	19.69	19.79	21	1
20	64QAM	50	24	19.60	19.72	19.86		
20	64QAM	50	50	19.47	19.73	19.85		
20	64QAM	100	0	19.54	19.61	19.67		
20	256QAM	1	0	17.54	17.45	17.47	19	3
20	256QAM	1	49	17.75	17.56	17.50		
20	256QAM	1	99	17.54	17.63	17.62		
20	256QAM	50	0	17.90	17.59	17.66	19	3
20	256QAM	50	24	17.84	17.68	17.64		
20	256QAM	50	50	17.85	17.62	17.72		
20	256QAM	100	0	17.81	17.64	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.07	21.07	22	0
15	QPSK	1	37	20.86	20.90	20.97		
15	QPSK	1	74	20.97	20.87	20.96		
15	QPSK	36	0	20.95	20.95	20.96	22	0
15	QPSK	36	20	20.79	20.92	20.85		
15	QPSK	36	39	20.85	20.96	20.81		
15	QPSK	75	0	20.80	20.80	20.87		
15	16QAM	1	0	20.99	20.96	20.99	22	0
15	16QAM	1	37	20.94	20.92	20.89		
15	16QAM	1	74	21.08	20.90	20.94		
15	16QAM	36	0	20.24	20.40	20.54	22	0
15	16QAM	36	20	20.40	20.44	20.73		
15	16QAM	36	39	20.37	20.52	20.58		
15	16QAM	75	0	20.36	20.37	20.55		
15	64QAM	1	0	20.44	20.53	20.76	22	0
15	64QAM	1	37	20.45	20.73	20.79		
15	64QAM	1	74	20.50	20.66	20.57		
15	64QAM	36	0	19.41	19.56	19.69	21	1
15	64QAM	36	20	19.47	19.63	19.76		
15	64QAM	36	39	19.37	19.65	19.77		
15	64QAM	75	0	19.41	19.50	19.55		
15	256QAM	1	0	17.82	17.46	17.75	19	3
15	256QAM	1	37	17.70	17.84	17.73		
15	256QAM	1	74	17.66	17.41	17.85		
15	256QAM	36	0	17.62	17.81	17.44	19	3
15	256QAM	36	20	17.71	17.79	17.88		
15	256QAM	36	39	17.77	17.79	17.72		
15	256QAM	75	0	17.71	17.63	17.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.99	21.08	21.05	22	0
10	QPSK	1	25	20.84	20.94	20.99		
10	QPSK	1	49	20.96	20.91	21.00		
10	QPSK	25	0	20.98	20.96	20.95	22	0
10	QPSK	25	12	20.77	20.90	20.86		
10	QPSK	25	25	20.87	20.95	20.84		
10	QPSK	50	0	20.85	20.81	20.90		
10	16QAM	1	0	21.02	20.98	20.97	22	0
10	16QAM	1	25	20.94	20.87	20.89		
10	16QAM	1	49	21.02	20.90	20.96		
10	16QAM	25	0	20.23	20.39	20.55	22	0
10	16QAM	25	12	20.40	20.45	20.71		
10	16QAM	25	25	20.35	20.50	20.61		
10	16QAM	50	0	20.33	20.35	20.52		
10	64QAM	1	0	20.44	20.54	20.76	22	0
10	64QAM	1	25	20.48	20.76	20.83		
10	64QAM	1	49	20.53	20.69	20.61		
10	64QAM	25	0	19.42	19.60	19.70	21	1
10	64QAM	25	12	19.49	19.60	19.79		
10	64QAM	25	25	19.40	19.61	19.78		
10	64QAM	50	0	19.44	19.53	19.56		
10	256QAM	1	0	17.53	17.85	17.52	19	3
10	256QAM	1	25	17.78	17.80	17.76		
10	256QAM	1	49	17.46	17.57	17.85		
10	256QAM	25	0	17.79	17.55	17.45	19	3
10	256QAM	25	12	17.84	17.82	17.42		
10	256QAM	25	25	17.74	17.41	17.70		
10	256QAM	50	0	17.65	17.86	17.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.98	21.07	21.01	22	0
5	QPSK	1	12	20.83	20.93	20.99		
5	QPSK	1	24	20.91	20.88	20.96		
5	QPSK	12	0	20.95	20.93	20.91	22	0
5	QPSK	12	7	20.77	20.90	20.84		
5	QPSK	12	13	20.86	20.97	20.85		
5	QPSK	25	0	20.80	20.77	20.84		
5	16QAM	1	0	21.01	21.01	21.02	22	0
5	16QAM	1	12	20.92	20.93	20.93		
5	16QAM	1	24	21.07	20.93	20.99		
5	16QAM	12	0	20.26	20.41	20.58	22	0
5	16QAM	12	7	20.35	20.46	20.75		
5	16QAM	12	13	20.36	20.50	20.56		
5	16QAM	25	0	20.36	20.36	20.55		
5	64QAM	1	0	20.49	20.55	20.76	22	0
5	64QAM	1	12	20.50	20.78	20.79		
5	64QAM	1	24	20.51	20.69	20.61		
5	64QAM	12	0	19.36	19.56	19.66	21	1
5	64QAM	12	7	19.49	19.65	19.78		
5	64QAM	12	13	19.36	19.60	19.74		
5	64QAM	25	0	19.41	19.51	19.59		
5	256QAM	1	0	17.88	17.59	17.83	19	3
5	256QAM	1	12	17.62	17.75	17.52		
5	256QAM	1	24	17.56	17.88	17.47		
5	256QAM	12	0	17.44	17.43	17.56	19	3
5	256QAM	12	7	17.79	17.66	17.81		
5	256QAM	12	13	17.70	17.73	17.84		
5	256QAM	25	0	17.55	17.89	17.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.99	21.06	21.01	22	0
3	QPSK	1	8	20.88	20.95	20.96		
3	QPSK	1	14	20.96	20.90	21.00		
3	QPSK	8	0	20.94	20.98	20.92	22	0
3	QPSK	8	4	20.78	20.93	20.87		
3	QPSK	8	7	20.86	20.94	20.80		
3	QPSK	15	0	20.83	20.82	20.86		
3	16QAM	1	0	20.96	20.96	21.01	22	0
3	16QAM	1	8	20.96	20.92	20.88		
3	16QAM	1	14	21.08	20.91	20.94		
3	16QAM	8	0	20.24	20.43	20.53	22	0
3	16QAM	8	4	20.39	20.46	20.69		
3	16QAM	8	7	20.33	20.51	20.59		
3	16QAM	15	0	20.30	20.40	20.50		
3	64QAM	1	0	20.43	20.58	20.73	22	0
3	64QAM	1	8	20.48	20.78	20.84		
3	64QAM	1	14	20.52	20.69	20.57		
3	64QAM	8	0	19.36	19.62	19.66	21	1
3	64QAM	8	4	19.52	19.62	19.75		
3	64QAM	8	7	19.36	19.66	19.72		
3	64QAM	15	0	19.44	19.54	19.60		
3	256QAM	1	0	17.42	17.69	17.82	19	3
3	256QAM	1	8	17.66	17.50	17.46		
3	256QAM	1	14	17.79	17.84	17.60		
3	256QAM	8	0	17.83	17.63	17.76	19	3
3	256QAM	8	4	17.42	17.78	17.66		
3	256QAM	8	7	17.88	17.68	17.44		
3	256QAM	15	0	17.82	17.70	17.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.04	21.08	21.01	22	0
1.4	QPSK	1	3	20.87	20.95	20.93		
1.4	QPSK	1	5	20.97	20.89	20.95		
1.4	QPSK	3	0	20.94	20.97	20.90		
1.4	QPSK	3	1	20.82	20.91	20.88		
1.4	QPSK	3	3	20.83	20.98	20.85		
1.4	QPSK	6	0	20.81	20.81	20.89	22	0
1.4	16QAM	1	0	21.01	20.96	20.98	22	0
1.4	16QAM	1	3	20.97	20.93	20.92		
1.4	16QAM	1	5	21.07	20.90	20.97		
1.4	16QAM	3	0	20.29	20.41	20.57		
1.4	16QAM	3	1	20.40	20.45	20.69		
1.4	16QAM	3	3	20.38	20.51	20.62		
1.4	16QAM	6	0	20.33	20.38	20.53	22	0
1.4	64QAM	1	0	20.47	20.53	20.78	22	0
1.4	64QAM	1	3	20.49	20.72	20.81		
1.4	64QAM	1	5	20.48	20.66	20.57		
1.4	64QAM	3	0	20.51	20.68	20.82		
1.4	64QAM	3	1	20.59	20.72	20.87		
1.4	64QAM	3	3	20.49	20.75	20.82		
1.4	64QAM	6	0	19.41	19.50	19.54	21	1
1.4	256QAM	1	0	17.50	17.73	17.62	19	3
1.4	256QAM	1	3	17.66	17.60	17.74		
1.4	256QAM	1	5	17.50	17.52	17.66		
1.4	256QAM	3	0	17.75	17.55	17.41		
1.4	256QAM	3	1	17.50	17.42	17.45		
1.4	256QAM	3	3	17.56	17.79	17.60		
1.4	256QAM	6	0	17.77	17.56	17.60	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.57	18.48	18.54	19.5	0
20	QPSK	1	49	18.43	18.42	18.51		
20	QPSK	1	99	18.42	18.44	18.51		
20	QPSK	50	0	18.53	18.46	18.50	19.5	0
20	QPSK	50	24	18.33	18.28	18.44		
20	QPSK	50	50	18.23	18.28	18.45		
20	QPSK	100	0	18.41	18.27	18.38		
20	16QAM	1	0	18.46	18.34	18.42	19.5	0
20	16QAM	1	49	18.51	18.40	18.56		
20	16QAM	1	99	18.43	18.49	18.52		
20	16QAM	50	0	18.32	18.25	18.26	19.5	0
20	16QAM	50	24	18.33	18.31	18.41		
20	16QAM	50	50	18.25	18.31	18.43		
20	16QAM	100	0	18.30	18.29	18.42		
20	64QAM	1	0	18.40	18.25	18.33	19.5	0
20	64QAM	1	49	18.41	18.32	18.43		
20	64QAM	1	99	18.26	18.42	18.51		
20	64QAM	50	0	18.34	18.29	18.31	19.5	0
20	64QAM	50	24	18.36	18.37	18.46		
20	64QAM	50	50	18.27	18.34	18.46		
20	64QAM	100	0	18.35	18.32	18.42		
20	256QAM	1	0	16.89	16.64	16.84	18	1.5
20	256QAM	1	49	17.11	16.93	16.89		
20	256QAM	1	99	16.74	16.78	17.05		
20	256QAM	50	0	17.22	17.04	17.10	18	1.5
20	256QAM	50	24	17.09	17.03	17.03		
20	256QAM	50	50	17.13	17.04	17.16		
20	256QAM	100	0	17.05	17.13	17.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.48	18.36	18.44	19.5	0
15	QPSK	1	37	18.35	18.31	18.43		
15	QPSK	1	74	18.32	18.35	18.43		
15	QPSK	36	0	18.41	18.37	18.40	19.5	0
15	QPSK	36	20	18.20	18.15	18.32		
15	QPSK	36	39	18.16	18.21	18.34		
15	QPSK	75	0	18.33	18.17	18.29		
15	16QAM	1	0	18.39	18.26	18.29	19.5	0
15	16QAM	1	37	18.44	18.30	18.49		
15	16QAM	1	74	18.32	18.40	18.40		
15	16QAM	36	0	18.20	18.16	18.13	19.5	0
15	16QAM	36	20	18.24	18.18	18.34		
15	16QAM	36	39	18.12	18.23	18.35		
15	16QAM	75	0	18.18	18.18	18.29		
15	64QAM	1	0	18.27	18.13	18.21	19.5	0
15	64QAM	1	37	18.29	18.20	18.30		
15	64QAM	1	74	18.15	18.30	18.41		
15	64QAM	36	0	18.25	18.16	18.24	19.5	0
15	64QAM	36	20	18.24	18.28	18.36		
15	64QAM	36	39	18.14	18.26	18.36		
15	64QAM	75	0	18.26	18.20	18.33		
15	256QAM	1	0	16.81	16.55	16.77	18	1.5
15	256QAM	1	37	16.99	16.84	16.80		
15	256QAM	1	74	16.65	16.65	16.92		
15	256QAM	36	0	17.14	16.92	16.97	18	1.5
15	256QAM	36	20	17.00	16.91	16.93		
15	256QAM	36	39	17.00	16.96	17.09		
15	256QAM	75	0	16.92	17.04	17.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.46	18.38	18.46	19.5	0
10	QPSK	1	25	18.33	18.35	18.41		
10	QPSK	1	49	18.35	18.34	18.38		
10	QPSK	25	0	18.42	18.34	18.39	19.5	0
10	QPSK	25	12	18.24	18.21	18.35		
10	QPSK	25	25	18.16	18.15	18.35		
10	QPSK	50	0	18.33	18.15	18.28		
10	16QAM	1	0	18.39	18.27	18.31	19.5	0
10	16QAM	1	25	18.43	18.29	18.48		
10	16QAM	1	49	18.36	18.37	18.44		
10	16QAM	25	0	18.24	18.12	18.17	19.5	0
10	16QAM	25	12	18.24	18.22	18.32		
10	16QAM	25	25	18.15	18.18	18.32		
10	16QAM	50	0	18.18	18.20	18.33		
10	64QAM	1	0	18.28	18.17	18.24	19.5	0
10	64QAM	1	25	18.29	18.19	18.36		
10	64QAM	1	49	18.13	18.35	18.44		
10	64QAM	25	0	18.25	18.21	18.24	19.5	0
10	64QAM	25	12	18.29	18.25	18.33		
10	64QAM	25	25	18.14	18.26	18.33		
10	64QAM	50	0	18.22	18.25	18.29		
10	256QAM	1	0	16.76	16.55	16.76	18	1.5
10	256QAM	1	25	17.04	16.84	16.79		
10	256QAM	1	49	16.62	16.71	16.96		
10	256QAM	25	0	17.11	16.95	16.99	18	1.5
10	256QAM	25	12	16.97	16.91	16.93		
10	256QAM	25	25	17.05	16.95	17.06		
10	256QAM	50	0	16.93	17.02	17.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.45	18.38	18.42	19.5	0
5	QPSK	1	12	18.32	18.31	18.40		
5	QPSK	1	24	18.33	18.37	18.44		
5	QPSK	12	0	18.43	18.35	18.40	19.5	0
5	QPSK	12	7	18.21	18.16	18.31		
5	QPSK	12	13	18.15	18.15	18.33		
5	QPSK	25	0	18.30	18.19	18.25		
5	16QAM	1	0	18.39	18.27	18.32	19.5	0
5	16QAM	1	12	18.41	18.30	18.45		
5	16QAM	1	24	18.36	18.38	18.44		
5	16QAM	12	0	18.24	18.16	18.19	19.5	0
5	16QAM	12	7	18.21	18.22	18.34		
5	16QAM	12	13	18.13	18.20	18.35		
5	16QAM	25	0	18.23	18.19	18.34		
5	64QAM	1	0	18.33	18.13	18.22	19.5	0
5	64QAM	1	12	18.33	18.19	18.32		
5	64QAM	1	24	18.14	18.31	18.42		
5	64QAM	12	0	18.23	18.21	18.23	19.5	0
5	64QAM	12	7	18.27	18.24	18.33		
5	64QAM	12	13	18.16	18.22	18.33		
5	64QAM	25	0	18.25	18.20	18.32		
5	256QAM	1	0	16.82	16.54	16.71	18	1.5
5	256QAM	1	12	17.00	16.85	16.82		
5	256QAM	1	24	16.67	16.66	16.93		
5	256QAM	12	0	17.12	16.92	17.02	18	1.5
5	256QAM	12	7	16.99	16.95	16.93		
5	256QAM	12	13	17.04	16.92	17.07		
5	256QAM	25	0	16.96	17.00	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.17	21.10	21.13	22	0
20	QPSK	1	49	20.99	21.03	21.11		
20	QPSK	1	99	20.99	21.03	21.12		
20	QPSK	50	0	21.08	21.06	21.02	22	0
20	QPSK	50	24	20.94	21.01	21.00		
20	QPSK	50	50	20.88	21.15	21.00		
20	QPSK	100	0	20.99	20.96	20.98		
20	16QAM	1	0	21.13	21.13	21.13	22	0
20	16QAM	1	49	21.10	21.06	21.12		
20	16QAM	1	99	21.10	21.08	21.09		
20	16QAM	50	0	20.38	20.57	20.71	22	0
20	16QAM	50	24	20.46	20.58	20.74		
20	16QAM	50	50	20.40	20.62	20.72		
20	16QAM	100	0	20.44	20.56	20.69		
20	64QAM	1	0	20.51	20.65	20.89	22	0
20	64QAM	1	49	20.61	20.81	20.93		
20	64QAM	1	99	20.59	20.73	20.80		
20	64QAM	50	0	19.39	19.81	19.72	21	1
20	64QAM	50	24	19.49	19.61	19.76		
20	64QAM	50	50	19.41	19.81	19.73		
20	64QAM	100	0	19.44	19.55	19.66		
20	256QAM	1	0	17.91	17.53	17.53	19	3
20	256QAM	1	49	17.95	17.47	17.39		
20	256QAM	1	99	17.74	17.42	17.74		
20	256QAM	50	0	18.06	17.64	17.61	19	3
20	256QAM	50	24	17.90	17.62	17.62		
20	256QAM	50	50	17.84	17.64	17.74		
20	256QAM	100	0	18.00	17.61	17.73		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.05	20.98	21.02	22	0
15	QPSK	1	37	20.88	20.96	21.00		
15	QPSK	1	74	20.91	20.95	20.99		
15	QPSK	36	0	20.99	20.93	20.94	22	0
15	QPSK	36	20	20.83	20.93	20.89		
15	QPSK	36	39	20.78	21.02	20.87		
15	QPSK	75	0	20.88	20.84	20.90		
15	16QAM	1	0	21.03	21.01	21.00	22	0
15	16QAM	1	37	21.03	20.95	21.04		
15	16QAM	1	74	21.01	20.95	20.96		
15	16QAM	36	0	20.29	20.44	20.62	22	0
15	16QAM	36	20	20.36	20.51	20.62		
15	16QAM	36	39	20.32	20.52	20.59		
15	16QAM	75	0	20.36	20.49	20.60		
15	64QAM	1	0	20.42	20.56	20.79	22	0
15	64QAM	1	37	20.48	20.73	20.84		
15	64QAM	1	74	20.52	20.63	20.70		
15	64QAM	36	0	19.32	19.53	19.59	21	1
15	64QAM	36	20	19.42	19.46	19.63		
15	64QAM	36	39	19.28	19.54	19.63		
15	64QAM	75	0	19.37	19.47	19.56		
15	256QAM	1	0	18.09	18.05	17.50	19	3
15	256QAM	1	37	17.51	17.86	17.92		
15	256QAM	1	74	17.81	17.82	17.81		
15	256QAM	36	0	17.89	17.98	17.85	19	3
15	256QAM	36	20	18.03	17.91	17.53		
15	256QAM	36	39	17.63	18.05	17.56		
15	256QAM	75	0	17.78	17.57	17.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.09	20.97	21.03	22	0
10	QPSK	1	25	20.90	20.91	21.04		
10	QPSK	1	49	20.86	20.93	21.01		
10	QPSK	25	0	20.98	20.97	20.90	22	0
10	QPSK	25	12	20.87	20.90	20.93		
10	QPSK	25	25	20.76	21.07	20.91		
10	QPSK	50	0	20.89	20.84	20.91		
10	16QAM	1	0	21.02	21.04	21.06	22	0
10	16QAM	1	25	20.98	20.95	21.02		
10	16QAM	1	49	20.98	20.99	20.98		
10	16QAM	25	0	20.28	20.46	20.61	22	0
10	16QAM	25	12	20.34	20.49	20.63		
10	16QAM	25	25	20.30	20.52	20.64		
10	16QAM	50	0	20.35	20.43	20.57		
10	64QAM	1	0	20.38	20.53	20.80	22	0
10	64QAM	1	25	20.49	20.68	20.82		
10	64QAM	1	49	20.48	20.62	20.68		
10	64QAM	25	0	19.29	19.53	19.64	21	1
10	64QAM	25	12	19.40	19.53	19.65		
10	64QAM	25	25	19.32	19.49	19.64		
10	64QAM	50	0	19.32	19.44	19.54		
10	256QAM	1	0	17.92	17.76	18.01	19	3
10	256QAM	1	25	18.03	17.96	17.90		
10	256QAM	1	49	17.70	17.55	17.91		
10	256QAM	25	0	17.54	18.07	17.78	19	3
10	256QAM	25	12	17.82	18.03	17.85		
10	256QAM	25	25	17.54	17.63	17.78		
10	256QAM	50	0	17.67	17.60	17.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.08	21.01	21.04	22	0
5	QPSK	1	12	20.91	20.92	20.98		
5	QPSK	1	24	20.91	20.94	21.02		
5	QPSK	12	0	20.96	20.97	20.95	22	0
5	QPSK	12	7	20.82	20.90	20.93		
5	QPSK	12	13	20.78	21.08	20.90		
5	QPSK	25	0	20.90	20.84	20.85		
5	16QAM	1	0	21.00	21.05	21.03	22	0
5	16QAM	1	12	20.99	20.99	21.02		
5	16QAM	1	24	21.03	20.96	20.97		
5	16QAM	12	0	20.27	20.49	20.64	22	0
5	16QAM	12	7	20.33	20.46	20.66		
5	16QAM	12	13	20.28	20.51	20.62		
5	16QAM	25	0	20.34	20.46	20.56		
5	64QAM	1	0	20.42	20.55	20.78	22	0
5	64QAM	1	12	20.50	20.71	20.86		
5	64QAM	1	24	20.48	20.60	20.68		
5	64QAM	12	0	19.28	19.53	19.65	21	1
5	64QAM	12	7	19.40	19.53	19.67		
5	64QAM	12	13	19.30	19.48	19.61		
5	64QAM	25	0	19.31	19.45	19.59		
5	256QAM	1	0	17.72	17.96	17.75	19	3
5	256QAM	1	12	17.54	18.05	17.99		
5	256QAM	1	24	17.66	17.79	17.73		
5	256QAM	12	0	17.57	17.67	17.92	19	3
5	256QAM	12	7	17.63	17.50	18.03		
5	256QAM	12	13	17.92	17.72	17.59		
5	256QAM	25	0	17.69	17.67	17.87		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.09	20.99	21.00	22	0
3	QPSK	1	8	20.86	20.92	21.01		
3	QPSK	1	14	20.86	20.92	21.02		
3	QPSK	8	0	20.97	20.97	20.91	22	0
3	QPSK	8	4	20.82	20.93	20.93		
3	QPSK	8	7	20.76	21.04	20.89		
3	QPSK	15	0	20.87	20.84	20.87		
3	16QAM	1	0	21.06	21.00	21.04	22	0
3	16QAM	1	8	21.01	20.98	21.04		
3	16QAM	1	14	20.98	20.96	20.98		
3	16QAM	8	0	20.31	20.49	20.60	22	0
3	16QAM	8	4	20.39	20.51	20.67		
3	16QAM	8	7	20.28	20.51	20.64		
3	16QAM	15	0	20.33	20.44	20.61		
3	64QAM	1	0	20.44	20.56	20.77	22	0
3	64QAM	1	8	20.50	20.71	20.86		
3	64QAM	1	14	20.46	20.65	20.70		
3	64QAM	8	0	19.30	19.53	19.62	21	1
3	64QAM	8	4	19.36	19.49	19.65		
3	64QAM	8	7	19.30	19.53	19.63		
3	64QAM	15	0	19.35	19.45	19.54		
3	256QAM	1	0	17.74	17.75	17.87	19	3
3	256QAM	1	8	18.04	17.67	17.76		
3	256QAM	1	14	18.07	17.68	17.73		
3	256QAM	8	0	18.07	17.79	17.89	19	3
3	256QAM	8	4	17.60	17.72	17.74		
3	256QAM	8	7	18.05	17.72	17.72		
3	256QAM	15	0	18.09	17.79	17.53		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.09	21.01	21.06	22	0
1.4	QPSK	1	3	20.86	20.92	20.99		
1.4	QPSK	1	5	20.86	20.95	21.03		
1.4	QPSK	3	0	21.01	20.96	20.89		
1.4	QPSK	3	1	20.84	20.89	20.92		
1.4	QPSK	3	3	20.77	21.02	20.93		
1.4	QPSK	6	0	20.88	20.85	20.87	22	0
1.4	16QAM	1	0	21.00	21.00	21.01	22	0
1.4	16QAM	1	3	20.97	20.96	21.02		
1.4	16QAM	1	5	20.98	20.98	20.97		
1.4	16QAM	3	0	20.26	20.48	20.63		
1.4	16QAM	3	1	20.38	20.45	20.61		
1.4	16QAM	3	3	20.30	20.55	20.65		
1.4	16QAM	6	0	20.32	20.48	20.61	22	0
1.4	64QAM	1	0	20.43	20.55	20.78	22	0
1.4	64QAM	1	3	20.51	20.69	20.81		
1.4	64QAM	1	5	20.51	20.85	20.68		
1.4	64QAM	3	0	20.42	20.64	20.74		
1.4	64QAM	3	1	20.48	20.82	20.74		
1.4	64QAM	3	3	20.42	20.63	20.74		
1.4	64QAM	6	0	19.35	19.48	19.59	21	1
1.4	256QAM	1	0	17.71	17.95	17.82	19	3
1.4	256QAM	1	3	17.73	17.70	17.80		
1.4	256QAM	1	5	17.95	17.70	17.84		
1.4	256QAM	3	0	17.88	17.57	17.93		
1.4	256QAM	3	1	17.99	17.78	17.94		
1.4	256QAM	3	3	18.06	17.87	17.90		
1.4	256QAM	6	0	17.61	17.52	17.50	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.15	22.87	22.74	24	0
20	QPSK	1	49	22.80	22.78	22.69		
20	QPSK	1	99	22.72	22.67	22.68		
20	QPSK	50	0	22.21	22.16	21.97	23	1
20	QPSK	50	24	22.12	22.12	22.05		
20	QPSK	50	50	22.04	22.03	22.01		
20	QPSK	100	0	22.06	22.01	22.00		
20	16QAM	1	0	22.44	22.39	22.25	23	1
20	16QAM	1	49	22.40	22.33	22.31		
20	16QAM	1	99	22.26	22.29	22.30		
20	16QAM	50	0	21.24	21.16	21.01	22	2
20	16QAM	50	24	21.13	21.14	21.05		
20	16QAM	50	50	21.04	21.05	21.04		
20	16QAM	100	0	21.07	21.11	21.07		
20	64QAM	1	0	21.31	21.23	21.05	22	2
20	64QAM	1	49	21.28	21.16	21.16		
20	64QAM	1	99	21.09	21.09	21.02		
20	64QAM	50	0	20.25	20.17	20.05	21	3
20	64QAM	50	24	20.15	20.13	20.08		
20	64QAM	50	50	20.03	20.06	20.04		
20	64QAM	100	0	20.10	20.13	20.10		
20	256QAM	1	0	18.06	17.51	17.43	19	5
20	256QAM	1	49	17.68	17.53	17.54		
20	256QAM	1	99	17.89	17.46	17.53		
20	256QAM	50	0	17.84	17.74	17.69	19	5
20	256QAM	50	24	17.80	17.70	17.71		
20	256QAM	50	50	17.70	17.69	17.72		
20	256QAM	100	0	17.78	17.74	17.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.95	22.81	22.67	24	0
15	QPSK	1	37	22.84	22.76	22.68		
15	QPSK	1	74	22.78	22.73	22.69		
15	QPSK	36	0	22.25	22.15	21.98	23	1
15	QPSK	36	20	22.19	22.12	22.05		
15	QPSK	36	39	22.05	22.07	22.03		
15	QPSK	75	0	22.08	22.10	21.96		
15	16QAM	1	0	22.55	22.34	22.20	23	1
15	16QAM	1	37	22.36	22.28	22.24		
15	16QAM	1	74	22.29	22.23	22.20		
15	16QAM	36	0	21.25	21.13	20.94	22	2
15	16QAM	36	20	21.21	21.08	21.01		
15	16QAM	36	39	21.05	21.05	20.97		
15	16QAM	75	0	21.13	21.09	20.98		
15	64QAM	1	0	21.40	21.22	21.10	22	2
15	64QAM	1	37	21.40	21.20	21.18		
15	64QAM	1	74	21.21	21.17	21.07		
15	64QAM	36	0	20.28	20.15	19.98	21	3
15	64QAM	36	20	20.20	20.13	20.07		
15	64QAM	36	39	20.10	20.08	20.04		
15	64QAM	75	0	20.13	20.14	19.99		
15	256QAM	1	0	17.75	17.60	18.03	19	5
15	256QAM	1	37	17.76	17.71	17.89		
15	256QAM	1	74	17.82	17.73	17.58		
15	256QAM	36	0	17.64	17.81	17.70	19	5
15	256QAM	36	20	17.68	17.83	17.82		
15	256QAM	36	39	18.02	17.61	17.99		
15	256QAM	75	0	17.99	17.98	17.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	22.97	22.89	24	0
10	QPSK	1	25	22.99	22.87	22.84		
10	QPSK	1	49	22.96	22.81	22.76		
10	QPSK	25	0	22.39	22.27	22.09	23	1
10	QPSK	25	12	22.36	22.24	22.06		
10	QPSK	25	25	22.28	22.14	22.14		
10	QPSK	50	0	22.32	22.22	22.03		
10	16QAM	1	0	22.60	22.54	22.36	23	1
10	16QAM	1	25	22.58	22.43	22.36		
10	16QAM	1	49	22.46	22.37	22.44		
10	16QAM	25	0	21.38	21.31	21.13	22	2
10	16QAM	25	12	21.38	21.24	21.12		
10	16QAM	25	25	21.26	21.15	21.12		
10	16QAM	50	0	21.33	21.24	21.05		
10	64QAM	1	0	21.58	21.46	21.28	22	2
10	64QAM	1	25	21.40	21.33	21.25		
10	64QAM	1	49	21.44	21.33	21.01		
10	64QAM	25	0	20.43	20.28	20.14	21	3
10	64QAM	25	12	20.37	20.26	20.12		
10	64QAM	25	25	20.30	20.15	20.04		
10	64QAM	50	0	20.36	20.25	20.04		
10	256QAM	1	0	17.62	17.64	17.55	19	5
10	256QAM	1	25	17.89	17.76	17.76		
10	256QAM	1	49	17.64	17.82	17.77		
10	256QAM	25	0	18.08	17.53	17.80	19	5
10	256QAM	25	12	17.53	17.61	18.06		
10	256QAM	25	25	17.70	17.54	17.60		
10	256QAM	50	0	17.72	17.89	17.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.11	22.96	22.79	24	0
5	QPSK	1	12	23.04	22.88	22.87		
5	QPSK	1	24	22.97	22.84	22.79		
5	QPSK	12	0	22.39	22.23	22.16	23	1
5	QPSK	12	7	22.35	22.19	22.08		
5	QPSK	12	13	22.26	22.15	22.02		
5	QPSK	25	0	22.33	22.17	22.13		
5	16QAM	1	0	22.69	22.53	22.38	23	1
5	16QAM	1	12	22.57	22.43	22.36		
5	16QAM	1	24	22.54	22.41	22.28		
5	16QAM	12	0	21.42	21.26	21.16	22	2
5	16QAM	12	7	21.38	21.26	21.14		
5	16QAM	12	13	21.28	21.15	21.06		
5	16QAM	25	0	21.34	21.20	21.09		
5	64QAM	1	0	21.57	21.42	21.24	22	2
5	64QAM	1	12	21.50	21.31	20.94		
5	64QAM	1	24	21.43	21.29	21.28		
5	64QAM	12	0	20.42	20.27	20.14	21	3
5	64QAM	12	7	20.38	20.27	19.90		
5	64QAM	12	13	20.27	20.16	19.58		
5	64QAM	25	0	20.35	20.20	19.91		
5	256QAM	1	0	18.08	17.84	17.76	19	5
5	256QAM	1	12	17.90	18.08	17.53		
5	256QAM	1	24	17.82	17.82	18.07		
5	256QAM	12	0	17.92	17.61	17.91	19	5
5	256QAM	12	7	17.66	17.77	17.54		
5	256QAM	12	13	17.69	17.56	17.71		
5	256QAM	25	0	17.71	17.80	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.10	23.01	22.86	24	0
3	QPSK	1	8	23.14	22.99	22.85		
3	QPSK	1	14	22.98	22.82	22.73		
3	QPSK	8	0	22.42	22.24	22.13	23	1
3	QPSK	8	4	22.37	22.22	22.13		
3	QPSK	8	7	22.27	22.15	22.00		
3	QPSK	15	0	22.31	22.16	22.07		
3	16QAM	1	0	22.70	22.55	22.45	23	1
3	16QAM	1	8	22.75	22.49	22.59		
3	16QAM	1	14	22.46	22.36	22.31		
3	16QAM	8	0	21.41	21.29	21.20	22	2
3	16QAM	8	4	21.44	21.29	21.15		
3	16QAM	8	7	21.28	21.19	21.05		
3	16QAM	15	0	21.34	21.24	21.09		
3	64QAM	1	0	21.62	21.42	21.13	22	2
3	64QAM	1	8	21.54	21.34	21.16		
3	64QAM	1	14	21.36	21.28	21.15		
3	64QAM	8	0	20.36	20.33	20.17	21	3
3	64QAM	8	4	20.47	20.28	20.18		
3	64QAM	8	7	20.26	20.23	20.16		
3	64QAM	15	0	20.36	20.26	20.12		
3	256QAM	1	0	17.63	18.02	17.86	19	5
3	256QAM	1	8	17.94	18.08	17.78		
3	256QAM	1	14	17.83	17.53	17.86		
3	256QAM	8	0	17.53	17.62	17.74	19	5
3	256QAM	8	4	17.53	17.93	18.05		
3	256QAM	8	7	17.91	17.96	17.89		
3	256QAM	15	0	17.62	17.88	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	22.85	22.73	24	0
1.4	QPSK	1	3	22.99	22.94	22.79		
1.4	QPSK	1	5	22.94	22.75	22.62		
1.4	QPSK	3	0	23.08	22.93	22.75		
1.4	QPSK	3	1	23.08	22.92	22.79		
1.4	QPSK	3	3	23.00	22.84	22.71		
1.4	QPSK	6	0	22.27	22.12	22.00	23	1
1.4	16QAM	1	0	22.55	22.43	22.23	23	1
1.4	16QAM	1	3	22.63	22.50	22.38		
1.4	16QAM	1	5	22.54	22.33	22.26		
1.4	16QAM	3	0	22.40	22.20	22.07		
1.4	16QAM	3	1	22.36	22.25	22.09		
1.4	16QAM	3	3	22.29	22.04	22.03		
1.4	16QAM	6	0	21.31	21.18	21.01	22	2
1.4	64QAM	1	0	21.63	21.40	21.14	22	2
1.4	64QAM	1	3	21.21	21.34	21.14		
1.4	64QAM	1	5	21.35	21.25	21.09		
1.4	64QAM	3	0	21.46	21.28	21.09		
1.4	64QAM	3	1	21.51	21.30	21.15		
1.4	64QAM	3	3	21.40	21.27	21.09		
1.4	64QAM	6	0	20.30	20.09	20.01	21	3
1.4	256QAM	1	0	17.91	17.70	17.78	19	5
1.4	256QAM	1	3	17.60	18.02	17.60		
1.4	256QAM	1	5	17.52	17.59	17.94		
1.4	256QAM	3	0	17.58	18.06	17.51		
1.4	256QAM	3	1	17.53	17.88	17.60		
1.4	256QAM	3	3	17.86	17.87	17.64		
1.4	256QAM	6	0	17.67	18.00	18.10	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.95	23.09	22.70	24	0
20	QPSK	1	49	22.73	22.65	22.70		
20	QPSK	1	99	22.63	22.60	22.64		
20	QPSK	50	0	21.93	22.11	21.97	23	1
20	QPSK	50	24	22.10	21.92	21.97		
20	QPSK	50	50	21.90	21.83	21.97		
20	QPSK	100	0	21.98	22.01	22.01		
20	16QAM	1	0	22.17	22.30	22.18	23	1
20	16QAM	1	49	22.16	22.04	22.15		
20	16QAM	1	99	22.08	22.11	22.19		
20	16QAM	50	0	20.89	20.95	20.97	22	2
20	16QAM	50	24	21.10	20.92	21.01		
20	16QAM	50	50	20.90	20.85	21.00		
20	16QAM	100	0	20.96	20.89	20.99		
20	64QAM	1	0	20.32	20.91	21.19	22	2
20	64QAM	1	49	20.67	21.00	20.80		
20	64QAM	1	99	20.93	21.04	20.88		
20	64QAM	50	0	19.42	20.02	20.04	21	3
20	64QAM	50	24	19.65	19.96	19.84		
20	64QAM	50	50	19.67	19.87	19.26		
20	64QAM	100	0	19.87	19.94	19.94		
20	256QAM	1	0	17.87	18.09	17.62	19	5
20	256QAM	1	49	17.71	17.86	17.41		
20	256QAM	1	99	17.62	17.92	17.54		
20	256QAM	50	0	17.95	17.62	17.55	19	5
20	256QAM	50	24	17.83	17.61	17.57		
20	256QAM	50	50	17.70	17.51	17.66		
20	256QAM	100	0	17.72	17.56	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.88	22.72	22.73	24	0
15	QPSK	1	37	22.64	22.58	22.73		
15	QPSK	1	74	22.60	22.62	22.65		
15	QPSK	36	0	21.83	21.92	22.03	23	1
15	QPSK	36	20	21.84	21.91	22.12		
15	QPSK	36	39	21.97	21.89	22.00		
15	QPSK	75	0	21.97	21.92	22.01		
15	16QAM	1	0	22.11	22.35	22.29	23	1
15	16QAM	1	37	21.90	22.10	22.29		
15	16QAM	1	74	22.24	22.17	22.19		
15	16QAM	36	0	20.77	20.97	21.01	22	2
15	16QAM	36	20	20.80	20.93	21.13		
15	16QAM	36	39	21.00	20.88	21.02		
15	16QAM	75	0	20.95	20.94	21.02		
15	64QAM	1	0	20.38	21.13	21.21	22	2
15	64QAM	1	37	20.36	21.05	20.28		
15	64QAM	1	74	20.78	21.06	20.23		
15	64QAM	36	0	19.33	19.96	19.85	21	3
15	64QAM	36	20	19.37	19.95	19.28		
15	64QAM	36	39	19.12	19.95	19.04		
15	64QAM	75	0	19.50	19.92	19.44		
15	256QAM	1	0	17.65	17.62	17.67	19	5
15	256QAM	1	37	17.99	17.69	17.59		
15	256QAM	1	74	17.55	17.59	17.71		
15	256QAM	36	0	18.07	17.94	17.80	19	5
15	256QAM	36	20	18.03	17.88	17.62		
15	256QAM	36	39	17.80	17.51	17.77		
15	256QAM	75	0	17.54	18.07	17.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.08	22.80	22.90	24	0
10	QPSK	1	25	22.64	22.72	22.84		
10	QPSK	1	49	22.92	22.68	22.79		
10	QPSK	25	0	21.92	22.04	22.16	23	1
10	QPSK	25	12	21.81	22.03	22.07		
10	QPSK	25	25	21.88	22.02	22.04		
10	QPSK	50	0	21.87	22.04	22.12		
10	16QAM	1	0	22.26	22.34	22.34	23	1
10	16QAM	1	25	21.85	22.23	22.12		
10	16QAM	1	49	22.27	22.21	22.30		
10	16QAM	25	0	20.86	21.08	21.18	22	2
10	16QAM	25	12	20.76	21.10	21.07		
10	16QAM	25	25	20.83	21.03	21.04		
10	16QAM	50	0	20.86	21.08	21.15		
10	64QAM	1	0	20.82	21.21	20.79	22	2
10	64QAM	1	25	20.32	21.21	20.63		
10	64QAM	1	49	20.79	21.13	20.33		
10	64QAM	25	0	19.39	20.10	19.29	21	3
10	64QAM	25	12	19.29	20.08	19.28		
10	64QAM	25	25	19.39	20.05	19.24		
10	64QAM	50	0	19.41	20.09	19.16		
10	256QAM	1	0	17.82	17.76	17.91	19	5
10	256QAM	1	25	17.99	17.80	17.67		
10	256QAM	1	49	17.51	17.61	17.68		
10	256QAM	25	0	17.64	17.53	18.02	19	5
10	256QAM	25	12	17.55	18.07	17.64		
10	256QAM	25	25	17.94	17.84	17.79		
10	256QAM	50	0	18.02	17.97	18.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.89	22.80	22.87	24	0
5	QPSK	1	12	22.53	22.73	22.68		
5	QPSK	1	24	22.55	22.71	22.84		
5	QPSK	12	0	21.75	21.97	21.83	23	1
5	QPSK	12	7	21.65	22.00	21.84		
5	QPSK	12	13	21.58	21.96	21.90		
5	QPSK	25	0	21.64	22.04	21.84		
5	16QAM	1	0	22.07	22.33	22.07	23	1
5	16QAM	1	12	21.78	22.29	21.97		
5	16QAM	1	24	21.76	22.19	22.22		
5	16QAM	12	0	20.70	21.06	20.82	22	2
5	16QAM	12	7	20.62	21.05	20.86		
5	16QAM	12	13	20.58	21.02	20.91		
5	16QAM	25	0	20.62	21.01	20.86		
5	64QAM	1	0	20.55	21.24	20.66	22	2
5	64QAM	1	12	20.28	21.12	20.48		
5	64QAM	1	24	20.28	21.19	20.78		
5	64QAM	12	0	19.27	20.02	19.44	21	3
5	64QAM	12	7	19.18	20.05	19.45		
5	64QAM	12	13	19.15	20.04	19.51		
5	64QAM	25	0	19.16	20.01	19.41		
5	256QAM	1	0	17.63	17.82	18.04	19	5
5	256QAM	1	12	17.67	17.78	17.60		
5	256QAM	1	24	18.05	17.68	17.82		
5	256QAM	12	0	17.76	18.08	17.92	19	5
5	256QAM	12	7	17.88	17.97	17.76		
5	256QAM	12	13	18.01	17.68	18.02		
5	256QAM	25	0	18.09	18.05	17.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.80	22.76	22.77	24	0
3	QPSK	1	8	22.67	22.83	22.76		
3	QPSK	1	14	22.56	22.73	22.81		
3	QPSK	8	0	21.72	21.99	21.78	23	1
3	QPSK	8	4	21.68	22.02	21.83		
3	QPSK	8	7	21.61	21.98	21.84		
3	QPSK	15	0	21.65	21.96	21.81		
3	16QAM	1	0	21.97	22.26	21.92	23	1
3	16QAM	1	8	21.91	22.36	22.04		
3	16QAM	1	14	21.81	22.25	22.12		
3	16QAM	8	0	20.74	21.03	20.81	22	2
3	16QAM	8	4	20.68	21.01	20.86		
3	16QAM	8	7	20.63	21.02	20.90		
3	16QAM	15	0	20.64	20.97	20.85		
3	64QAM	1	0	20.43	21.09	20.53	22	2
3	64QAM	1	8	20.37	21.21	20.60		
3	64QAM	1	14	20.30	21.21	20.68		
3	64QAM	8	0	19.26	20.07	19.38	21	3
3	64QAM	8	4	19.21	20.10	19.44		
3	64QAM	8	7	19.15	20.03	19.48		
3	64QAM	15	0	19.17	20.02	19.39		
3	256QAM	1	0	17.72	17.96	17.65	19	5
3	256QAM	1	8	18.06	17.95	17.98		
3	256QAM	1	14	17.99	17.74	17.51		
3	256QAM	8	0	17.75	17.56	17.66	19	5
3	256QAM	8	4	18.00	17.77	17.93		
3	256QAM	8	7	18.10	17.68	17.88		
3	256QAM	15	0	17.54	17.78	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.80	22.63	22.69	24	0
1.4	QPSK	1	3	22.72	22.66	22.71		
1.4	QPSK	1	5	22.59	22.62	22.67		
1.4	QPSK	3	0	22.65	22.67	22.61		
1.4	QPSK	3	1	22.65	22.74	22.66		
1.4	QPSK	3	3	22.56	22.71	22.65		
1.4	QPSK	6	0	21.66	21.92	21.71	23	1
1.4	16QAM	1	0	21.83	22.22	21.90	23	1
1.4	16QAM	1	3	21.88	22.30	22.02		
1.4	16QAM	1	5	21.83	22.18	21.96		
1.4	16QAM	3	0	21.64	22.01	21.69		
1.4	16QAM	3	1	21.64	22.04	21.77		
1.4	16QAM	3	3	21.58	21.93	21.74		
1.4	16QAM	6	0	20.67	20.97	20.81	22	2
1.4	64QAM	1	0	20.32	21.19	20.41	22	2
1.4	64QAM	1	3	20.39	21.15	20.55		
1.4	64QAM	1	5	20.26	21.16	20.48		
1.4	64QAM	3	0	20.33	21.09	20.41		
1.4	64QAM	3	1	20.41	21.08	20.46		
1.4	64QAM	3	3	20.29	20.99	20.45		
1.4	64QAM	6	0	19.14	19.92	19.27	21	3
1.4	256QAM	1	0	17.72	18.07	17.64	19	5
1.4	256QAM	1	3	17.87	17.66	17.97		
1.4	256QAM	1	5	17.60	18.05	18.07		
1.4	256QAM	3	0	17.70	18.04	18.09		
1.4	256QAM	3	1	17.67	18.00	17.67		
1.4	256QAM	3	3	17.82	17.59	17.79		
1.4	256QAM	6	0	18.06	17.55	17.63	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.16	22.91	22.82	24	0
20	QPSK	1	49	22.90	22.73	22.66		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	22.22	22.04	21.92	23	1
20	QPSK	50	24	22.17	22.08	21.88		
20	QPSK	50	50	22.05	21.98	21.95		
20	QPSK	100	0	22.18	22.07	21.94		
20	16QAM	1	0	22.40	22.34	22.34	23	1
20	16QAM	1	49	22.51	22.23	22.30		
20	16QAM	1	99	22.23	22.25	22.21		
20	16QAM	50	0	21.24	21.07	20.90	22	2
20	16QAM	50	24	21.22	21.06	20.88		
20	16QAM	50	50	21.01	21.01	20.90		
20	16QAM	100	0	21.19	21.10	20.86		
20	64QAM	1	0	20.66	21.30	21.02	22	2
20	64QAM	1	49	20.87	21.09	20.99		
20	64QAM	1	99	21.13	21.00	20.91		
20	64QAM	50	0	19.32	20.13	19.93	21	3
20	64QAM	50	24	19.47	20.03	19.89		
20	64QAM	50	50	20.03	19.31	19.93		
20	64QAM	100	0	19.69	20.09	19.93		
20	256QAM	1	0	18.60	18.34	18.22	19	5
20	256QAM	1	49	18.67	18.41	18.48		
20	256QAM	1	99	18.54	18.28	18.38		
20	256QAM	50	0	18.55	18.30	18.22	19	5
20	256QAM	50	24	18.53	18.32	18.25		
20	256QAM	50	50	18.42	18.35	18.33		
20	256QAM	100	0	18.55	18.42	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.88	22.71	22.69	24	0
15	QPSK	1	37	22.86	22.68	22.65		
15	QPSK	1	74	22.72	22.61	22.58		
15	QPSK	36	0	22.20	22.06	21.86	23	1
15	QPSK	36	20	22.10	22.05	21.90		
15	QPSK	36	39	22.04	21.99	21.90		
15	QPSK	75	0	22.10	22.03	21.85		
15	16QAM	1	0	22.45	22.37	22.15	23	1
15	16QAM	1	37	22.42	22.23	22.24		
15	16QAM	1	74	22.34	22.22	22.15		
15	16QAM	36	0	21.19	21.01	20.87	22	2
15	16QAM	36	20	21.11	21.00	20.88		
15	16QAM	36	39	21.03	20.91	20.89		
15	16QAM	75	0	21.09	21.03	20.89		
15	64QAM	1	0	20.89	21.13	21.00	22	2
15	64QAM	1	37	20.39	21.11	21.01		
15	64QAM	1	74	21.06	20.41	20.71		
15	64QAM	36	0	19.51	20.12	19.89	21	3
15	64QAM	36	20	19.46	20.09	19.95		
15	64QAM	36	39	19.76	19.56	19.93		
15	64QAM	75	0	19.59	20.03	19.87		
15	256QAM	1	0	18.73	18.37	18.23	19	5
15	256QAM	1	37	18.88	18.42	18.54		
15	256QAM	1	74	18.61	18.46	18.53		
15	256QAM	36	0	18.55	18.28	18.22	19	5
15	256QAM	36	20	18.49	18.31	18.23		
15	256QAM	36	39	18.47	18.27	18.33		
15	256QAM	75	0	18.48	18.31	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.02	22.86	22.71	24	0
10	QPSK	1	25	23.02	22.80	22.73		
10	QPSK	1	49	22.92	22.73	22.65		
10	QPSK	25	0	22.32	22.15	22.02	23	1
10	QPSK	25	12	22.25	22.15	22.01		
10	QPSK	25	25	22.18	22.08	22.02		
10	QPSK	50	0	22.22	22.13	21.96		
10	16QAM	1	0	22.57	22.47	22.25	23	1
10	16QAM	1	25	22.49	22.37	22.28		
10	16QAM	1	49	22.41	22.26	22.25		
10	16QAM	25	0	21.36	21.19	21.01	22	2
10	16QAM	25	12	21.29	21.18	21.05		
10	16QAM	25	25	21.17	21.09	21.03		
10	16QAM	50	0	21.25	21.14	20.98		
10	64QAM	1	0	20.96	21.26	21.06	22	2
10	64QAM	1	25	20.43	21.15	21.04		
10	64QAM	1	49	20.78	20.70	21.11		
10	64QAM	25	0	19.56	20.19	20.05	21	3
10	64QAM	25	12	19.44	20.20	20.04		
10	64QAM	25	25	19.50	19.80	19.84		
10	64QAM	50	0	19.53	20.19	20.01		
10	256QAM	1	0	18.79	18.41	18.33	19	5
10	256QAM	1	25	18.80	18.53	18.55		
10	256QAM	1	49	18.94	18.68	18.52		
10	256QAM	25	0	18.71	18.42	18.32	19	5
10	256QAM	25	12	18.62	18.44	18.44		
10	256QAM	25	25	18.61	18.34	18.51		
10	256QAM	50	0	18.69	18.50	18.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.08	22.83	22.77	24	0
5	QPSK	1	12	23.08	22.83	22.77		
5	QPSK	1	24	23.07	22.81	22.69		
5	QPSK	12	0	22.31	22.09	22.01	23	1
5	QPSK	12	7	22.30	22.10	22.03		
5	QPSK	12	13	22.28	22.07	21.99		
5	QPSK	25	0	22.31	22.07	21.99		
5	16QAM	1	0	22.61	22.39	22.31	23	1
5	16QAM	1	12	22.42	22.28	22.25		
5	16QAM	1	24	22.41	22.36	22.20		
5	16QAM	12	0	21.34	21.15	21.02	22	2
5	16QAM	12	7	21.32	21.11	21.05		
5	16QAM	12	13	21.27	21.09	21.02		
5	16QAM	25	0	21.31	21.10	21.05		
5	64QAM	1	0	20.75	21.32	21.10	22	2
5	64QAM	1	12	20.35	21.20	20.71		
5	64QAM	1	24	20.36	20.95	20.95		
5	64QAM	12	0	19.44	20.14	19.74	21	3
5	64QAM	12	7	19.35	20.15	19.65		
5	64QAM	12	13	19.28	19.93	19.67		
5	64QAM	25	0	19.32	20.13	19.65		
5	256QAM	1	0	18.88	18.53	18.49	19	5
5	256QAM	1	12	18.76	18.67	18.62		
5	256QAM	1	24	18.85	18.52	18.64		
5	256QAM	12	0	18.71	18.34	18.46	19	5
5	256QAM	12	7	18.81	18.43	18.59		
5	256QAM	12	13	18.76	18.41	18.42		
5	256QAM	25	0	18.72	18.45	18.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.05	22.82	22.71	24	0
3	QPSK	1	8	23.13	22.87	22.75		
3	QPSK	1	14	23.01	22.79	22.71		
3	QPSK	8	0	22.30	22.04	22.02	23	1
3	QPSK	8	4	22.28	22.13	22.06		
3	QPSK	8	7	22.29	22.08	21.96		
3	QPSK	15	0	22.29	22.08	22.00		
3	16QAM	1	0	22.64	22.26	22.24	23	1
3	16QAM	1	8	22.52	22.36	22.30		
3	16QAM	1	14	22.43	22.30	22.14		
3	16QAM	8	0	21.36	21.14	21.01	22	2
3	16QAM	8	4	21.41	21.15	21.05		
3	16QAM	8	7	21.30	21.08	21.01		
3	16QAM	15	0	21.29	21.09	21.01		
3	64QAM	1	0	20.60	21.31	20.72	22	2
3	64QAM	1	8	20.49	21.24	20.78		
3	64QAM	1	14	20.42	21.04	20.90		
3	64QAM	8	0	19.45	20.12	19.57	21	3
3	64QAM	8	4	19.41	20.13	19.63		
3	64QAM	8	7	19.34	20.00	19.64		
3	64QAM	15	0	19.36	20.11	19.60		
3	256QAM	1	0	18.80	18.56	18.59	19	5
3	256QAM	1	8	18.92	18.70	18.52		
3	256QAM	1	14	18.72	18.46	18.49		
3	256QAM	8	0	18.69	18.42	18.41	19	5
3	256QAM	8	4	18.71	18.33	18.37		
3	256QAM	8	7	18.70	18.38	18.44		
3	256QAM	15	0	18.61	18.32	18.32		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.91	22.72	22.60	24	0
1.4	QPSK	1	3	23.00	22.74	22.72		
1.4	QPSK	1	5	22.89	22.69	22.57		
1.4	QPSK	3	0	22.96	22.75	22.65		
1.4	QPSK	3	1	23.00	22.82	22.72		
1.4	QPSK	3	3	23.00	22.75	22.66		
1.4	QPSK	6	0	22.22	21.98	21.92	23	1
1.4	16QAM	1	0	22.48	22.26	22.15	23	1
1.4	16QAM	1	3	22.58	22.33	22.22		
1.4	16QAM	1	5	22.49	22.33	22.13		
1.4	16QAM	3	0	22.24	22.03	21.94		
1.4	16QAM	3	1	22.27	22.02	21.91		
1.4	16QAM	3	3	22.22	21.98	21.97		
1.4	16QAM	6	0	21.30	21.07	20.97	22	2
1.4	64QAM	1	0	20.50	21.23	20.59	22	2
1.4	64QAM	1	3	20.56	21.29	20.78		
1.4	64QAM	1	5	20.37	21.09	20.79		
1.4	64QAM	3	0	20.51	21.24	20.67		
1.4	64QAM	3	1	20.57	21.23	20.75		
1.4	64QAM	3	3	20.44	21.14	20.74		
1.4	64QAM	6	0	19.33	20.02	19.54	21	3
1.4	256QAM	1	0	18.74	18.33	18.36	19	5
1.4	256QAM	1	3	18.77	18.40	18.53		
1.4	256QAM	1	5	18.76	18.46	18.55		
1.4	256QAM	3	0	18.61	18.31	18.37		
1.4	256QAM	3	1	18.86	18.33	18.41		
1.4	256QAM	3	3	18.67	18.40	18.33		
1.4	256QAM	6	0	18.71	18.17	18.21	19	5

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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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.82	19.97	19.84	19.88	20.5	0
20	QPSK	1	49	19.87	19.91	19.77	19.84		
20	QPSK	1	99	19.94	19.99	19.85	19.91		
20	QPSK	50	0	19.92	19.93	19.81	19.84	20.5	0
20	QPSK	50	24	19.89	19.89	19.78	19.75		
20	QPSK	50	50	19.85	19.85	19.74	19.82		
20	QPSK	100	0	19.84	19.86	19.77	19.74		
20	16QAM	1	0	19.97	19.84	19.91	19.95	20.5	0
20	16QAM	1	49	19.90	19.92	19.94	19.95		
20	16QAM	1	99	19.94	19.92	19.98	19.97		
20	16QAM	50	0	19.87	19.92	19.83	19.89	20.5	0
20	16QAM	50	24	19.86	19.87	19.89	19.98		
20	16QAM	50	50	19.87	19.90	19.95	19.95		
20	16QAM	100	0	19.90	19.93	19.88	19.94		
20	64QAM	1	0	19.75	19.88	19.76	19.98	20.5	0
20	64QAM	1	49	19.78	19.87	19.77	19.95		
20	64QAM	1	99	19.85	19.85	19.75	19.95		
20	64QAM	50	0	19.91	19.94	19.90	19.91	20.5	0
20	64QAM	50	24	19.84	19.92	19.89	19.94		
20	64QAM	50	50	19.87	19.90	19.98	19.91		
20	64QAM	100	0	19.86	19.93	19.88	19.98		
20	256QAM	1	0	17.57	17.65	17.54	17.84	19	1.5
20	256QAM	1	49	17.52	17.57	17.45	17.68		
20	256QAM	1	99	17.59	17.58	17.53	17.71		
20	256QAM	50	0	17.85	17.94	17.91	18.12	19	1.5
20	256QAM	50	24	17.85	17.90	17.87	18.05		
20	256QAM	50	50	17.88	17.92	17.87	18.05		
20	256QAM	100	0	17.74	17.80	17.81	17.97		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.75	19.92	19.84	19.87	20.5	0
15	QPSK	1	37	19.80	19.84	19.72	19.81		
15	QPSK	1	74	19.94	19.94	19.86	19.83		
15	QPSK	36	0	19.88	19.91	19.74	19.76	20.5	0
15	QPSK	36	20	19.87	19.83	19.74	19.69		
15	QPSK	36	39	19.77	19.78	19.67	19.79		
15	QPSK	75	0	19.85	19.81	19.71	19.66		
15	16QAM	1	0	19.97	19.83	19.83	19.90	20.5	0
15	16QAM	1	37	19.83	19.87	19.91	19.96		
15	16QAM	1	74	19.93	19.90	19.93	19.96		
15	16QAM	36	0	19.86	19.89	19.78	19.83	20.5	0
15	16QAM	36	20	19.81	19.84	19.89	19.96		
15	16QAM	36	39	19.83	19.84	19.90	19.95		
15	16QAM	75	0	19.87	19.87	19.80	19.93		
15	64QAM	1	0	19.75	19.83	19.75	19.94	20.5	0
15	64QAM	1	37	19.76	19.81	19.76	19.88		
15	64QAM	1	74	19.81	19.78	19.70	19.93		
15	64QAM	36	0	19.88	19.93	19.82	19.85	20.5	0
15	64QAM	36	20	19.78	19.86	19.87	19.91		
15	64QAM	36	39	19.84	19.83	19.94	19.90		
15	64QAM	75	0	19.85	19.90	19.80	19.98		
15	256QAM	1	0	17.53	17.63	17.55	17.80	19	1.5
15	256QAM	1	37	17.44	17.57	17.44	17.68		
15	256QAM	1	74	17.51	17.56	17.46	17.64		
15	256QAM	36	0	17.82	17.88	17.88	18.12	19	1.5
15	256QAM	36	20	17.84	17.84	17.79	18.02		
15	256QAM	36	39	17.89	17.92	17.79	18.00		
15	256QAM	75	0	17.69	17.74	17.81	17.95		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.83	19.89	19.80	19.83	20.5	0
10	QPSK	1	25	19.85	19.86	19.71	19.80		
10	QPSK	1	49	19.94	19.97	19.85	19.89		
10	QPSK	25	0	19.87	19.84	19.80	19.84	20.5	0
10	QPSK	25	12	19.89	19.84	19.72	19.75		
10	QPSK	25	25	19.82	19.84	19.72	19.80		
10	QPSK	50	0	19.82	19.80	19.78	19.74		
10	16QAM	1	0	19.97	19.80	19.87	19.88	20.5	0
10	16QAM	1	25	19.87	19.85	19.94	19.90		
10	16QAM	1	49	19.92	19.85	19.91	19.89		
10	16QAM	25	0	19.79	19.84	19.78	19.88	20.5	0
10	16QAM	25	12	19.80	19.87	19.81	19.96		
10	16QAM	25	25	19.88	19.88	19.88	19.94		
10	16QAM	50	0	19.86	19.88	19.89	19.92		
10	64QAM	1	0	19.70	19.82	19.73	19.94	20.5	0
10	64QAM	1	25	19.73	19.81	19.78	19.90		
10	64QAM	1	49	19.82	19.84	19.75	19.89		
10	64QAM	25	0	19.87	19.86	19.85	19.90	20.5	0
10	64QAM	25	12	19.77	19.87	19.82	19.87		
10	64QAM	25	25	19.83	19.88	19.94	19.88		
10	64QAM	50	0	19.79	19.92	19.86	19.97		
10	256QAM	1	0	17.58	17.63	17.53	17.84	19	1.5
10	256QAM	1	25	17.44	17.50	17.38	17.69		
10	256QAM	1	49	17.56	17.50	17.46	17.64		
10	256QAM	25	0	17.82	17.93	17.85	18.13	19	1.5
10	256QAM	25	12	17.78	17.89	17.79	17.98		
10	256QAM	25	25	17.81	17.93	17.79	17.99		
10	256QAM	50	0	17.74	17.74	17.74	17.91		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.77	19.94	19.81	19.82	20.5	0
5	QPSK	1	12	19.86	19.89	19.78	19.85		
5	QPSK	1	24	19.87	19.94	19.82	19.86		
5	QPSK	12	0	19.90	19.92	19.73	19.85	20.5	0
5	QPSK	12	7	19.86	19.84	19.75	19.68		
5	QPSK	12	13	19.85	19.85	19.71	19.76		
5	QPSK	25	0	19.82	19.79	19.78	19.71		
5	16QAM	1	0	19.89	19.83	19.83	19.92	20.5	0
5	16QAM	1	12	19.86	19.87	19.86	19.95		
5	16QAM	1	24	19.92	19.88	19.98	19.90		
5	16QAM	12	0	19.81	19.91	19.77	19.81	20.5	0
5	16QAM	12	7	19.85	19.87	19.82	19.97		
5	16QAM	12	13	19.79	19.91	19.93	19.90		
5	16QAM	25	0	19.86	19.87	19.81	19.93		
5	64QAM	1	0	19.75	19.84	19.70	19.98	20.5	0
5	64QAM	1	12	19.70	19.83	19.69	19.90		
5	64QAM	1	24	19.78	19.79	19.67	19.90		
5	64QAM	12	0	19.87	19.86	19.89	19.87	20.5	0
5	64QAM	12	7	19.76	19.86	19.81	19.95		
5	64QAM	12	13	19.80	19.86	19.98	19.91		
5	64QAM	25	0	19.79	19.87	19.88	19.90		
5	256QAM	1	0	17.50	17.57	17.47	17.82	19	1.5
5	256QAM	1	12	17.45	17.56	17.46	17.66		
5	256QAM	1	24	17.54	17.58	17.47	17.70		
5	256QAM	12	0	17.80	17.86	17.90	18.07	19	1.5
5	256QAM	12	7	17.81	17.87	17.87	18.05		
5	256QAM	12	13	17.82	17.90	17.82	17.98		
5	256QAM	25	0	17.73	17.75	17.82	17.96		

Band 2_ANT 2 DSI6 Sim-Tx

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	20.32	20.18	20.15	21	0
20	QPSK	1	49	20.24	20.14	20.12		
20	QPSK	1	99	20.10	20.03	20.05		
20	QPSK	50	0	20.25	20.11	20.21	21	0
20	QPSK	50	24	20.20	20.09	20.20		
20	QPSK	50	50	20.05	20.10	20.18		
20	QPSK	100	0	20.15	20.09	20.13		
20	16QAM	1	0	20.23	20.26	20.27	21	0
20	16QAM	1	49	20.26	20.27	20.30		
20	16QAM	1	99	20.18	20.11	20.18		
20	16QAM	50	0	20.26	20.11	20.02	21	0
20	16QAM	50	24	20.22	20.10	19.99		
20	16QAM	50	50	20.02	20.02	20.03		
20	16QAM	100	0	20.09	20.08	20.01		
20	64QAM	1	0	20.19	20.29	20.07	21	0
20	64QAM	1	49	20.13	20.21	20.16		
20	64QAM	1	99	20.15	20.16	20.12		
20	64QAM	50	0	19.78	19.63	19.53	21	0
20	64QAM	50	24	19.73	19.61	19.52		
20	64QAM	50	50	19.57	19.53	19.56		
20	64QAM	100	0	19.63	19.59	19.55		
20	256QAM	1	0	17.39	17.28	16.92	18.5	2.5
20	256QAM	1	49	17.42	16.95	17.16		
20	256QAM	1	99	17.12	16.94	16.96		
20	256QAM	50	0	17.30	17.25	16.99	18.5	2.5
20	256QAM	50	24	17.32	17.00	16.85		
20	256QAM	50	50	17.29	17.31	16.87		
20	256QAM	100	0	17.05	17.13	17.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.19	20.05	20.04	21	0
15	QPSK	1	37	20.17	20.01	20.00		
15	QPSK	1	74	20.03	19.96	19.98		
15	QPSK	36	0	20.17	20.00	20.09	21	0
15	QPSK	36	20	20.12	19.97	20.12		
15	QPSK	36	39	19.97	19.97	20.09		
15	QPSK	75	0	20.08	19.96	20.00		
15	16QAM	1	0	20.13	20.18	20.19	21	0
15	16QAM	1	37	20.16	20.17	20.19		
15	16QAM	1	74	20.05	19.98	20.10		
15	16QAM	36	0	20.18	19.98	19.94	21	0
15	16QAM	36	20	20.11	20.03	19.91		
15	16QAM	36	39	19.95	19.93	19.95		
15	16QAM	75	0	20.02	19.97	19.88		
15	64QAM	1	0	20.12	20.19	19.98	21	0
15	64QAM	1	37	20.05	20.12	20.07		
15	64QAM	1	74	20.05	20.06	19.99		
15	64QAM	36	0	19.70	19.53	19.45	21	0
15	64QAM	36	20	19.61	19.52	19.42		
15	64QAM	36	39	19.49	19.45	19.48		
15	64QAM	75	0	19.56	19.46	19.45		
15	256QAM	1	0	17.07	16.98	16.90	18.5	2.5
15	256QAM	1	37	17.07	16.95	17.08		
15	256QAM	1	74	17.10	16.75	16.74		
15	256QAM	36	0	17.10	17.20	16.94	18.5	2.5
15	256QAM	36	20	17.04	17.01	16.81		
15	256QAM	36	39	17.07	17.08	16.70		
15	256QAM	75	0	17.02	17.13	16.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.25	20.09	20.06	21	0
10	QPSK	1	25	20.12	20.05	20.03		
10	QPSK	1	49	20.00	19.92	19.96		
10	QPSK	25	0	20.18	20.00	20.14	21	0
10	QPSK	25	12	20.11	20.00	20.09		
10	QPSK	25	25	19.97	19.99	20.11		
10	QPSK	50	0	20.04	20.00	20.04		
10	16QAM	1	0	20.10	20.13	20.14	21	0
10	16QAM	1	25	20.17	20.16	20.23		
10	16QAM	1	49	20.11	20.02	20.11		
10	16QAM	25	0	20.16	20.03	19.89	21	0
10	16QAM	25	12	20.12	20.02	19.90		
10	16QAM	25	25	19.94	19.91	19.96		
10	16QAM	50	0	19.98	19.99	19.91		
10	64QAM	1	0	20.07	20.16	19.97	21	0
10	64QAM	1	25	20.02	20.09	20.03		
10	64QAM	1	49	20.07	20.03	20.05		
10	64QAM	25	0	19.69	19.55	19.43	21	0
10	64QAM	25	12	19.62	19.53	19.40		
10	64QAM	25	25	19.47	19.44	19.46		
10	64QAM	50	0	19.50	19.47	19.42		
10	256QAM	1	0	17.23	16.93	16.93	18.5	2.5
10	256QAM	1	25	17.04	16.90	17.12		
10	256QAM	1	49	17.10	16.67	16.70		
10	256QAM	25	0	17.03	16.92	16.91	18.5	2.5
10	256QAM	25	12	17.11	16.99	16.79		
10	256QAM	25	25	17.01	17.06	16.71		
10	256QAM	50	0	16.99	16.82	16.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.23	20.06	20.02	21	0
5	QPSK	1	12	20.15	20.06	20.04		
5	QPSK	1	24	19.98	19.92	19.92		
5	QPSK	12	0	20.18	19.99	20.13	21	0
5	QPSK	12	7	20.08	20.02	20.12		
5	QPSK	12	13	19.98	19.99	20.08		
5	QPSK	25	0	20.03	20.00	20.06		
5	16QAM	1	0	20.13	20.18	20.14	21	0
5	16QAM	1	12	20.15	20.17	20.18		
5	16QAM	1	24	20.08	20.00	20.07		
5	16QAM	12	0	20.17	20.01	19.90	21	0
5	16QAM	12	7	20.09	19.99	19.86		
5	16QAM	12	13	19.92	19.95	19.94		
5	16QAM	25	0	20.00	19.97	19.91		
5	64QAM	1	0	20.10	20.20	19.96	21	0
5	64QAM	1	12	20.06	20.11	20.04		
5	64QAM	1	24	20.06	20.03	19.99		
5	64QAM	12	0	19.71	19.55	19.44	21	0
5	64QAM	12	7	19.65	19.53	19.44		
5	64QAM	12	13	19.47	19.46	19.46		
5	64QAM	25	0	19.55	19.48	19.45		
5	256QAM	1	0	17.21	16.93	16.84	18.5	2.5
5	256QAM	1	12	17.11	16.94	17.15		
5	256QAM	1	24	17.10	16.68	16.74		
5	256QAM	12	0	17.02	16.89	17.00	18.5	2.5
5	256QAM	12	7	17.06	16.96	16.86		
5	256QAM	12	13	17.03	17.07	16.75		
5	256QAM	25	0	17.01	17.13	16.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.19	20.08	20.05	21	0
3	QPSK	1	8	20.11	20.03	20.05		
3	QPSK	1	14	19.97	19.90	19.94		
3	QPSK	8	0	20.18	20.01	20.14	21	0
3	QPSK	8	4	20.07	19.99	20.09		
3	QPSK	8	7	19.96	19.98	20.08		
3	QPSK	15	0	20.02	20.01	20.03		
3	16QAM	1	0	20.13	20.19	20.16	21	0
3	16QAM	1	8	20.19	20.20	20.22		
3	16QAM	1	14	20.09	19.98	20.05		
3	16QAM	8	0	20.15	20.02	19.91	21	0
3	16QAM	8	4	20.10	20.00	19.87		
3	16QAM	8	7	19.92	19.93	19.90		
3	16QAM	15	0	19.99	19.99	19.90		
3	64QAM	1	0	20.06	20.20	19.97	21	0
3	64QAM	1	8	20.06	20.08	20.07		
3	64QAM	1	14	20.02	20.09	20.00		
3	64QAM	8	0	19.70	19.51	19.41	21	0
3	64QAM	8	4	19.60	19.52	19.45		
3	64QAM	8	7	19.50	19.44	19.44		
3	64QAM	15	0	19.52	19.47	19.43		
3	256QAM	1	0	17.24	16.92	16.86	18.5	2.5
3	256QAM	1	8	17.09	16.94	17.11		
3	256QAM	1	14	17.10	16.74	16.76		
3	256QAM	8	0	17.02	17.19	16.97	18.5	2.5
3	256QAM	8	4	17.10	16.92	16.80		
3	256QAM	8	7	17.07	17.12	16.72		
3	256QAM	15	0	16.99	17.08	16.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.21	20.06	20.07	21	0
1.4	QPSK	1	3	20.16	20.05	20.05		
1.4	QPSK	1	5	19.99	19.93	19.95		
1.4	QPSK	3	0	20.18	20.02	20.10		
1.4	QPSK	3	1	20.11	20.02	20.10		
1.4	QPSK	3	3	19.98	20.00	20.08		
1.4	QPSK	6	0	20.03	19.97	20.01	21	0
1.4	16QAM	1	0	20.15	20.15	20.19	21	0
1.4	16QAM	1	3	20.14	20.17	20.18		
1.4	16QAM	1	5	20.08	20.00	20.08		
1.4	16QAM	3	0	20.19	20.01	19.89		
1.4	16QAM	3	1	20.14	20.03	19.90		
1.4	16QAM	3	3	19.90	19.90	19.93		
1.4	16QAM	6	0	20.02	19.95	19.89	21	0
1.4	64QAM	1	0	20.11	20.22	19.96	21	0
1.4	64QAM	1	3	20.03	20.13	20.05		
1.4	64QAM	1	5	20.05	20.09	19.99		
1.4	64QAM	3	0	19.70	19.50	19.45		
1.4	64QAM	3	1	19.63	19.52	19.41		
1.4	64QAM	3	3	19.50	19.40	19.45		
1.4	64QAM	6	0	19.56	19.50	19.48	21	0
1.4	256QAM	1	0	17.00	17.28	16.84	18.5	2.5
1.4	256QAM	1	3	17.10	16.93	17.13		
1.4	256QAM	1	5	17.06	16.66	16.70		
1.4	256QAM	3	0	17.02	17.18	16.97		
1.4	256QAM	3	1	17.04	16.92	16.80		
1.4	256QAM	3	3	17.05	17.08	16.73		
1.4	256QAM	6	0	17.03	17.09	17.26	18.5	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.35	19.38	19.36	20.5	0
20	QPSK	1	49	19.33	19.22	19.30		
20	QPSK	1	99	19.21	19.37	19.27		
20	QPSK	50	0	19.26	19.30	19.27	20.5	0
20	QPSK	50	24	19.18	19.13	19.15		
20	QPSK	50	50	19.02	19.14	19.16		
20	QPSK	100	0	19.14	19.22	19.10		
20	16QAM	1	0	19.29	19.22	19.22	20.5	0
20	16QAM	1	49	19.17	19.29	19.26		
20	16QAM	1	99	19.20	19.21	19.31		
20	16QAM	50	0	19.19	19.15	19.29	20.5	0
20	16QAM	50	24	19.20	19.13	19.34		
20	16QAM	50	50	19.01	19.16	19.17		
20	16QAM	100	0	19.18	19.12	19.17		
20	64QAM	1	0	19.15	19.27	19.31	20.5	0
20	64QAM	1	49	19.22	19.15	19.22		
20	64QAM	1	99	19.07	19.27	19.23		
20	64QAM	50	0	19.24	19.18	19.30	20.5	0
20	64QAM	50	24	19.23	19.16	19.18		
20	64QAM	50	50	19.04	19.17	19.20		
20	64QAM	100	0	19.18	19.16	19.33		
20	256QAM	1	0	16.77	16.79	16.70	18	2.5
20	256QAM	1	49	16.62	16.57	16.73		
20	256QAM	1	99	16.44	16.61	16.72		
20	256QAM	50	0	16.70	16.75	16.61	18	2.5
20	256QAM	50	24	16.69	16.70	16.55		
20	256QAM	50	50	16.63	16.74	16.58		
20	256QAM	100	0	16.74	16.74	16.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.22	19.26	19.27	20.5	0
15	QPSK	1	37	19.24	19.13	19.20		
15	QPSK	1	74	19.08	19.30	19.15		
15	QPSK	36	0	19.14	19.20	19.20	20.5	0
15	QPSK	36	20	19.07	19.00	19.06		
15	QPSK	36	39	18.89	19.01	19.07		
15	QPSK	75	0	19.05	19.12	18.98		
15	16QAM	1	0	19.17	19.14	19.12	20.5	0
15	16QAM	1	37	19.06	19.19	19.16		
15	16QAM	1	74	19.11	19.13	19.24		
15	16QAM	36	0	19.10	19.02	19.20	20.5	0
15	16QAM	36	20	19.09	19.04	19.26		
15	16QAM	36	39	18.92	19.06	19.07		
15	16QAM	75	0	19.05	19.02	19.06		
15	64QAM	1	0	19.07	19.20	19.19	20.5	0
15	64QAM	1	37	19.13	19.04	19.12		
15	64QAM	1	74	18.96	19.19	19.14		
15	64QAM	36	0	19.17	19.06	19.20	20.5	0
15	64QAM	36	20	19.10	19.05	19.06		
15	64QAM	36	39	18.94	19.05	19.07		
15	64QAM	75	0	19.08	19.05	19.20		
15	256QAM	1	0	16.72	16.80	16.62	18	2.5
15	256QAM	1	37	16.63	16.57	16.74		
15	256QAM	1	74	16.43	16.62	16.68		
15	256QAM	36	0	16.68	16.72	16.58	18	2.5
15	256QAM	36	20	16.66	16.69	16.51		
15	256QAM	36	39	16.59	16.67	16.59		
15	256QAM	75	0	16.66	16.69	16.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.25	19.30	19.23	20.5	0
10	QPSK	1	25	19.26	19.09	19.21		
10	QPSK	1	49	19.11	19.24	19.17		
10	QPSK	25	0	19.18	19.20	19.20	20.5	0
10	QPSK	25	12	19.06	19.03	19.02		
10	QPSK	25	25	18.91	19.03	19.07		
10	QPSK	50	0	19.06	19.10	19.03		
10	16QAM	1	0	19.21	19.09	19.12	20.5	0
10	16QAM	1	25	19.04	19.20	19.14		
10	16QAM	1	49	19.13	19.13	19.23		
10	16QAM	25	0	19.11	19.03	19.17	20.5	0
10	16QAM	25	12	19.10	19.06	19.22		
10	16QAM	25	25	18.90	19.07	19.08		
10	16QAM	50	0	19.05	19.00	19.07		
10	64QAM	1	0	19.02	19.15	19.20	20.5	0
10	64QAM	1	25	19.14	19.03	19.10		
10	64QAM	1	49	18.94	19.20	19.15		
10	64QAM	25	0	19.17	19.11	19.21	20.5	0
10	64QAM	25	12	19.16	19.06	19.11		
10	64QAM	25	25	18.95	19.04	19.12		
10	64QAM	50	0	19.08	19.03	19.23		
10	256QAM	1	0	16.76	16.76	16.63	18	2.5
10	256QAM	1	25	16.57	16.52	16.72		
10	256QAM	1	49	16.41	16.58	16.68		
10	256QAM	25	0	16.64	16.71	16.62	18	2.5
10	256QAM	25	12	16.63	16.62	16.48		
10	256QAM	25	25	16.58	16.70	16.53		
10	256QAM	50	0	16.73	16.72	16.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.24	19.26	19.28	20.5	0
5	QPSK	1	12	19.23	19.14	19.23		
5	QPSK	1	24	19.14	19.24	19.17		
5	QPSK	12	0	19.14	19.22	19.20	20.5	0
5	QPSK	12	7	19.09	19.03	19.08		
5	QPSK	12	13	18.92	19.05	19.07		
5	QPSK	25	0	19.05	19.11	19.02		
5	16QAM	1	0	19.21	19.13	19.11	20.5	0
5	16QAM	1	12	19.05	19.21	19.13		
5	16QAM	1	24	19.13	19.14	19.23		
5	16QAM	12	0	19.10	19.07	19.18	20.5	0
5	16QAM	12	7	19.10	19.03	19.24		
5	16QAM	12	13	18.91	19.04	19.09		
5	16QAM	25	0	19.10	19.05	19.10		
5	64QAM	1	0	19.05	19.14	19.24	20.5	0
5	64QAM	1	12	19.14	19.08	19.15		
5	64QAM	1	24	18.95	19.14	19.15		
5	64QAM	12	0	19.11	19.10	19.17	20.5	0
5	64QAM	12	7	19.11	19.06	19.11		
5	64QAM	12	13	18.97	19.10	19.11		
5	64QAM	25	0	19.10	19.07	19.20		
5	256QAM	1	0	16.73	16.80	16.64	18	2.5
5	256QAM	1	12	16.56	16.56	16.73		
5	256QAM	1	24	16.45	16.62	16.70		
5	256QAM	12	0	16.67	16.73	16.61	18	2.5
5	256QAM	12	7	16.61	16.67	16.54		
5	256QAM	12	13	16.60	16.73	16.57		
5	256QAM	25	0	16.68	16.69	16.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.23	19.29	19.25	20.5	0
3	QPSK	1	8	19.20	19.11	19.21		
3	QPSK	1	14	19.13	19.26	19.15		
3	QPSK	8	0	19.16	19.18	19.19	20.5	0
3	QPSK	8	4	19.07	19.02	19.02		
3	QPSK	8	7	18.93	19.07	19.09		
3	QPSK	15	0	19.04	19.12	19.01		
3	16QAM	1	0	19.19	19.10	19.14	20.5	0
3	16QAM	1	8	19.09	19.16	19.18		
3	16QAM	1	14	19.10	19.10	19.18		
3	16QAM	8	0	19.12	19.06	19.17	20.5	0
3	16QAM	8	4	19.12	19.02	19.26		
3	16QAM	8	7	18.92	19.08	19.04		
3	16QAM	15	0	19.08	18.99	19.10		
3	64QAM	1	0	19.03	19.15	19.20	20.5	0
3	64QAM	1	8	19.11	19.05	19.11		
3	64QAM	1	14	18.99	19.20	19.12		
3	64QAM	8	0	19.15	19.06	19.17	20.5	0
3	64QAM	8	4	19.11	19.05	19.05		
3	64QAM	8	7	18.92	19.07	19.07		
3	64QAM	15	0	19.10	19.08	19.21		
3	256QAM	1	0	16.69	16.80	16.70	18	2.5
3	256QAM	1	8	16.56	16.57	16.71		
3	256QAM	1	14	16.39	16.61	16.69		
3	256QAM	8	0	16.70	16.75	16.55	18	2.5
3	256QAM	8	4	16.67	16.63	16.56		
3	256QAM	8	7	16.60	16.75	16.59		
3	256QAM	15	0	16.69	16.68	16.59		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.25	19.27	19.25	20.5	0
1.4	QPSK	1	3	19.23	19.11	19.23		
1.4	QPSK	1	5	19.13	19.29	19.19		
1.4	QPSK	3	0	19.18	19.18	19.16		
1.4	QPSK	3	1	19.07	19.04	19.08		
1.4	QPSK	3	3	18.95	19.03	19.09		
1.4	QPSK	6	0	19.03	19.15	18.97	20.5	0
1.4	16QAM	1	0	19.18	19.09	19.12	20.5	0
1.4	16QAM	1	3	19.04	19.17	19.14		
1.4	16QAM	1	5	19.10	19.14	19.24		
1.4	16QAM	3	0	19.12	19.08	19.22		
1.4	16QAM	3	1	19.12	19.00	19.23		
1.4	16QAM	3	3	18.90	19.07	19.07		
1.4	16QAM	6	0	19.11	19.05	19.08	20.5	0
1.4	64QAM	1	0	19.04	19.14	19.24	20.5	0
1.4	64QAM	1	3	19.11	19.04	19.15		
1.4	64QAM	1	5	18.94	19.14	19.11		
1.4	64QAM	3	0	19.14	19.07	19.22		
1.4	64QAM	3	1	19.12	19.03	19.06		
1.4	64QAM	3	3	18.93	19.07	19.12		
1.4	64QAM	6	0	19.08	19.03	19.25	20.5	0
1.4	256QAM	1	0	16.71	16.76	16.70	18	2.5
1.4	256QAM	1	3	16.57	16.56	16.73		
1.4	256QAM	1	5	16.45	16.58	16.70		
1.4	256QAM	3	0	16.65	16.72	16.60		
1.4	256QAM	3	1	16.61	16.63	16.53		
1.4	256QAM	3	3	16.58	16.75	16.54		
1.4	256QAM	6	0	16.75	16.69	16.56	18	2.5

Band 66_ANT 2 DSI6 Sim-Tx

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	19.66	19.60	19.65	20.5	0
20	QPSK	1	49	19.52	19.53	19.64		
20	QPSK	1	99	19.52	19.50	19.60		
20	QPSK	50	0	19.58	19.57	19.50	20.5	0
20	QPSK	50	24	19.57	19.55	19.45		
20	QPSK	50	50	19.54	19.49	19.26		
20	QPSK	100	0	19.53	19.50	19.25		
20	16QAM	1	0	19.59	19.56	19.56	20.5	0
20	16QAM	1	49	19.54	19.40	19.49		
20	16QAM	1	99	19.57	19.63	19.40		
20	16QAM	50	0	19.47	19.49	19.55	20.5	0
20	16QAM	50	24	19.54	19.49	19.63		
20	16QAM	50	50	19.51	19.49	19.56		
20	16QAM	100	0	19.51	19.60	19.48		
20	64QAM	1	0	19.45	19.60	19.38	20.5	0
20	64QAM	1	49	19.50	19.63	19.57		
20	64QAM	1	99	19.65	19.50	19.52		
20	64QAM	50	0	19.07	19.29	19.34	20.5	0
20	64QAM	50	24	19.17	19.32	19.43		
20	64QAM	50	50	19.09	19.32	19.39		
20	64QAM	100	0	19.14	19.28	19.36		
20	256QAM	1	0	16.85	16.82	16.94	18	2.5
20	256QAM	1	49	16.70	16.87	16.84		
20	256QAM	1	99	16.73	16.80	16.80		
20	256QAM	50	0	16.76	16.75	16.72	18	2.5
20	256QAM	50	24	16.73	16.61	16.67		
20	256QAM	50	50	16.73	16.62	16.70		
20	256QAM	100	0	16.72	16.68	16.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.56	19.52	19.54	20.5	0
15	QPSK	1	37	19.40	19.41	19.51		
15	QPSK	1	74	19.45	19.41	19.48		
15	QPSK	36	0	19.46	19.50	19.41	20.5	0
15	QPSK	36	20	19.45	19.47	19.34		
15	QPSK	36	39	19.44	19.36	19.13		
15	QPSK	75	0	19.41	19.38	19.16		
15	16QAM	1	0	19.51	19.43	19.47	20.5	0
15	16QAM	1	37	19.46	19.32	19.39		
15	16QAM	1	74	19.48	19.53	19.29		
15	16QAM	36	0	19.36	19.37	19.47	20.5	0
15	16QAM	36	20	19.47	19.38	19.56		
15	16QAM	36	39	19.44	19.40	19.43		
15	16QAM	75	0	19.40	19.53	19.41		
15	64QAM	1	0	19.32	19.51	19.29	20.5	0
15	64QAM	1	37	19.43	19.56	19.48		
15	64QAM	1	74	19.55	19.40	19.39		
15	64QAM	36	0	18.98	19.17	19.26	20.5	0
15	64QAM	36	20	19.06	19.19	19.34		
15	64QAM	36	39	18.96	19.24	19.26		
15	64QAM	75	0	19.02	19.15	19.25		
15	256QAM	1	0	16.78	16.78	16.90	18	2.5
15	256QAM	1	37	16.64	16.84	16.85		
15	256QAM	1	74	16.66	16.74	16.78		
15	256QAM	36	0	16.69	16.72	16.73	18	2.5
15	256QAM	36	20	16.65	16.55	16.62		
15	256QAM	36	39	16.74	16.62	16.67		
15	256QAM	75	0	16.70	16.61	16.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.53	19.50	19.54	20.5	0
10	QPSK	1	25	19.45	19.44	19.54		
10	QPSK	1	49	19.39	19.38	19.50		
10	QPSK	25	0	19.51	19.48	19.37	20.5	0
10	QPSK	25	12	19.48	19.43	19.36		
10	QPSK	25	25	19.45	19.40	19.17		
10	QPSK	50	0	19.44	19.37	19.12		
10	16QAM	1	0	19.47	19.44	19.46	20.5	0
10	16QAM	1	25	19.42	19.31	19.42		
10	16QAM	1	49	19.48	19.51	19.29		
10	16QAM	25	0	19.38	19.40	19.42	20.5	0
10	16QAM	25	12	19.44	19.38	19.53		
10	16QAM	25	25	19.43	19.41	19.46		
10	16QAM	50	0	19.40	19.47	19.39		
10	64QAM	1	0	19.34	19.47	19.31	20.5	0
10	64QAM	1	25	19.40	19.53	19.48		
10	64QAM	1	49	19.54	19.43	19.39		
10	64QAM	25	0	18.94	19.16	19.26	20.5	0
10	64QAM	25	12	19.09	19.20	19.34		
10	64QAM	25	25	19.02	19.22	19.28		
10	64QAM	50	0	19.02	19.15	19.29		
10	256QAM	1	0	16.77	16.82	16.95	18	2.5
10	256QAM	1	25	16.68	16.87	16.85		
10	256QAM	1	49	16.74	16.76	16.76		
10	256QAM	25	0	16.71	16.73	16.64	18	2.5
10	256QAM	25	12	16.70	16.57	16.65		
10	256QAM	25	25	16.66	16.54	16.70		
10	256QAM	50	0	16.67	16.69	16.70		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.58	19.50	19.56	20.5	0
5	QPSK	1	12	19.43	19.44	19.57		
5	QPSK	1	24	19.43	19.38	19.52		
5	QPSK	12	0	19.49	19.46	19.42	20.5	0
5	QPSK	12	7	19.48	19.43	19.34		
5	QPSK	12	13	19.44	19.40	19.16		
5	QPSK	25	0	19.42	19.39	19.18		
5	16QAM	1	0	19.46	19.48	19.49	20.5	0
5	16QAM	1	12	19.44	19.30	19.38		
5	16QAM	1	24	19.47	19.50	19.28		
5	16QAM	12	0	19.36	19.38	19.48	20.5	0
5	16QAM	12	7	19.45	19.38	19.54		
5	16QAM	12	13	19.42	19.42	19.47		
5	16QAM	25	0	19.38	19.47	19.39		
5	64QAM	1	0	19.32	19.47	19.25	20.5	0
5	64QAM	1	12	19.38	19.50	19.45		
5	64QAM	1	24	19.53	19.37	19.44		
5	64QAM	12	0	18.97	19.21	19.23	20.5	0
5	64QAM	12	7	19.06	19.25	19.30		
5	64QAM	12	13	19.00	19.23	19.31		
5	64QAM	25	0	19.01	19.16	19.23		
5	256QAM	1	0	16.77	16.82	16.95	18	2.5
5	256QAM	1	12	16.62	16.79	16.84		
5	256QAM	1	24	16.74	16.80	16.79		
5	256QAM	12	0	16.75	16.76	16.73	18	2.5
5	256QAM	12	7	16.71	16.62	16.68		
5	256QAM	12	13	16.71	16.60	16.70		
5	256QAM	25	0	16.73	16.69	16.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.58	19.47	19.56	20.5	0
3	QPSK	1	8	19.40	19.45	19.56		
3	QPSK	1	14	19.39	19.43	19.49		
3	QPSK	8	0	19.48	19.50	19.37	20.5	0
3	QPSK	8	4	19.50	19.43	19.38		
3	QPSK	8	7	19.43	19.36	19.19		
3	QPSK	15	0	19.45	19.42	19.18		
3	16QAM	1	0	19.48	19.47	19.44	20.5	0
3	16QAM	1	8	19.41	19.28	19.37		
3	16QAM	1	14	19.46	19.54	19.30		
3	16QAM	8	0	19.35	19.36	19.47	20.5	0
3	16QAM	8	4	19.42	19.42	19.53		
3	16QAM	8	7	19.40	19.39	19.47		
3	16QAM	15	0	19.38	19.53	19.40		
3	64QAM	1	0	19.38	19.51	19.28	20.5	0
3	64QAM	1	8	19.42	19.50	19.49		
3	64QAM	1	14	19.54	19.39	19.41		
3	64QAM	8	0	18.95	19.19	19.25	20.5	0
3	64QAM	8	4	19.04	19.23	19.36		
3	64QAM	8	7	19.00	19.23	19.30		
3	64QAM	15	0	19.07	19.21	19.25		
3	256QAM	1	0	16.84	16.80	16.91	18	2.5
3	256QAM	1	8	16.67	16.86	16.83		
3	256QAM	1	14	16.72	16.73	16.76		
3	256QAM	8	0	16.75	16.73	16.66	18	2.5
3	256QAM	8	4	16.69	16.57	16.61		
3	256QAM	8	7	16.74	16.63	16.64		
3	256QAM	15	0	16.64	16.65	16.64		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.53	19.47	19.53	20.5	0
1.4	QPSK	1	3	19.42	19.40	19.52		
1.4	QPSK	1	5	19.39	19.41	19.52		
1.4	QPSK	3	0	19.49	19.46	19.40		
1.4	QPSK	3	1	19.50	19.46	19.32		
1.4	QPSK	3	3	19.44	19.38	19.18		
1.4	QPSK	6	0	19.40	19.38	19.14	20.5	0
1.4	16QAM	1	0	19.47	19.43	19.46	20.5	0
1.4	16QAM	1	3	19.42	19.29	19.37		
1.4	16QAM	1	5	19.44	19.52	19.29		
1.4	16QAM	3	0	19.36	19.40	19.48		
1.4	16QAM	3	1	19.42	19.38	19.52		
1.4	16QAM	3	3	19.44	19.38	19.43		
1.4	16QAM	6	0	19.40	19.53	19.41	20.5	0
1.4	64QAM	1	0	19.38	19.47	19.28	20.5	0
1.4	64QAM	1	3	19.42	19.52	19.44		
1.4	64QAM	1	5	19.57	19.41	19.40		
1.4	64QAM	3	0	18.98	19.16	19.23		
1.4	64QAM	3	1	19.05	19.20	19.31		
1.4	64QAM	3	3	19.02	19.21	19.26		
1.4	64QAM	6	0	19.02	19.20	19.23	20.5	0
1.4	256QAM	1	0	16.86	16.83	16.90	18	2.5
1.4	256QAM	1	3	16.63	16.82	16.85		
1.4	256QAM	1	5	16.66	16.81	16.74		
1.4	256QAM	3	0	16.70	16.73	16.73		
1.4	256QAM	3	1	16.72	16.58	16.62		
1.4	256QAM	3	3	16.71	16.55	16.66		
1.4	256QAM	6	0	16.73	16.60	16.71	18	2.5

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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		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.72	16.84	16.61	16.79	17.5	0
20	QPSK	1	49	16.80	16.79	16.72	16.77		
20	QPSK	1	99	16.84	16.91	16.74	16.90		
20	QPSK	50	0	16.73	16.79	16.64	16.75	17.5	0
20	QPSK	50	24	16.67	16.69	16.62	16.84		
20	QPSK	50	50	16.70	16.74	16.63	16.80		
20	QPSK	100	0	16.70	16.73	16.70	16.72		
20	16QAM	1	0	16.61	16.72	16.55	16.74	17.5	0
20	16QAM	1	49	16.70	16.70	16.59	16.83		
20	16QAM	1	99	16.75	16.63	16.60	16.89		
20	16QAM	50	0	16.78	16.79	16.69	16.87	17.5	0
20	16QAM	50	24	16.74	16.72	16.72	16.86		
20	16QAM	50	50	16.78	16.74	16.75	16.83		
20	16QAM	100	0	16.77	16.72	16.74	16.88		
20	64QAM	1	0	16.48	16.51	16.37	16.54	17.5	0
20	64QAM	1	49	16.52	16.47	16.38	16.63		
20	64QAM	1	99	16.55	16.40	16.45	16.72		
20	64QAM	50	0	16.78	16.78	16.67	16.86	17.5	0
20	64QAM	50	24	16.79	16.74	16.71	16.88		
20	64QAM	50	50	16.80	16.72	16.76	16.82		
20	64QAM	100	0	16.82	16.76	16.73	16.80		
20	256QAM	1	0	16.59	16.65	16.46	16.64	17.5	0
20	256QAM	1	49	16.54	16.50	16.36	16.66		
20	256QAM	1	99	16.63	16.47	16.49	16.77		
20	256QAM	50	0	16.82	16.88	16.78	16.87	17.5	0
20	256QAM	50	24	16.89	16.85	16.80	16.84		
20	256QAM	50	50	16.82	16.87	16.82	16.81		
20	256QAM	100	0	16.81	16.74	16.74	16.86		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.67	16.79	16.59	16.76	17.5	0
15	QPSK	1	37	16.80	16.78	16.66	16.69		
15	QPSK	1	74	16.84	16.86	16.70	16.86		
15	QPSK	36	0	16.69	16.77	16.63	16.81	17.5	0
15	QPSK	36	20	16.68	16.66	16.54	16.84		
15	QPSK	36	39	16.66	16.70	16.59	16.77		
15	QPSK	75	0	16.66	16.69	16.71	16.70		
15	16QAM	1	0	16.60	16.72	16.47	16.75	17.5	0
15	16QAM	1	37	16.62	16.63	16.51	16.80		
15	16QAM	1	74	16.70	16.59	16.57	16.89		
15	16QAM	36	0	16.70	16.73	16.70	16.84	17.5	0
15	16QAM	36	20	16.74	16.65	16.71	16.79		
15	16QAM	36	39	16.75	16.68	16.75	16.82		
15	16QAM	75	0	16.76	16.71	16.73	16.89		
15	64QAM	1	0	16.41	16.52	16.35	16.47	17.5	0
15	64QAM	1	37	16.45	16.47	16.31	16.56		
15	64QAM	1	74	16.48	16.35	16.45	16.71		
15	64QAM	36	0	16.70	16.78	16.68	16.83	17.5	0
15	64QAM	36	20	16.73	16.73	16.69	16.84		
15	64QAM	36	39	16.76	16.73	16.71	16.78		
15	64QAM	75	0	16.78	16.74	16.67	16.81		
15	256QAM	1	0	16.60	16.57	16.40	16.62	17.5	0
15	256QAM	1	37	16.50	16.49	16.37	16.58		
15	256QAM	1	74	16.57	16.40	16.48	16.72		
15	256QAM	36	0	16.74	16.87	16.71	16.83	17.5	0
15	256QAM	36	20	16.90	16.86	16.74	16.76		
15	256QAM	36	39	16.82	16.85	16.80	16.77		
15	256QAM	75	0	16.75	16.70	16.69	16.82		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.65	16.84	16.62	16.78	17.5	0
10	QPSK	1	25	16.78	16.76	16.65	16.73		
10	QPSK	1	49	16.81	16.85	16.74	16.85		
10	QPSK	25	0	16.74	16.78	16.63	16.79	17.5	0
10	QPSK	25	12	16.64	16.61	16.58	16.82		
10	QPSK	25	25	16.71	16.71	16.62	16.77		
10	QPSK	50	0	16.69	16.69	16.64	16.68		
10	16QAM	1	0	16.55	16.64	16.52	16.68	17.5	0
10	16QAM	1	25	16.63	16.65	16.55	16.83		
10	16QAM	1	49	16.67	16.58	16.59	16.81		
10	16QAM	25	0	16.72	16.72	16.63	16.81	17.5	0
10	16QAM	25	12	16.74	16.64	16.69	16.81		
10	16QAM	25	25	16.71	16.68	16.74	16.82		
10	16QAM	50	0	16.72	16.71	16.69	16.85		
10	64QAM	1	0	16.43	16.52	16.38	16.51	17.5	0
10	64QAM	1	25	16.51	16.40	16.39	16.60		
10	64QAM	1	49	16.50	16.33	16.37	16.69		
10	64QAM	25	0	16.71	16.76	16.65	16.78	17.5	0
10	64QAM	25	12	16.78	16.70	16.63	16.86		
10	64QAM	25	25	16.77	16.70	16.76	16.83		
10	64QAM	50	0	16.80	16.69	16.72	16.75		
10	256QAM	1	0	16.56	16.60	16.40	16.58	17.5	0
10	256QAM	1	25	16.54	16.43	16.37	16.67		
10	256QAM	1	49	16.58	16.40	16.45	16.74		
10	256QAM	25	0	16.79	16.87	16.71	16.83	17.5	0
10	256QAM	25	12	16.89	16.83	16.72	16.83		
10	256QAM	25	25	16.81	16.82	16.77	16.74		
10	256QAM	50	0	16.74	16.72	16.73	16.79		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.67	16.85	16.54	16.79	17.5	0
5	QPSK	1	12	16.72	16.76	16.73	16.76		
5	QPSK	1	24	16.79	16.87	16.71	16.86		
5	QPSK	12	0	16.74	16.80	16.62	16.84	17.5	0
5	QPSK	12	7	16.59	16.69	16.57	16.77		
5	QPSK	12	13	16.67	16.72	16.59	16.72		
5	QPSK	25	0	16.69	16.69	16.71	16.72		
5	16QAM	1	0	16.56	16.67	16.54	16.72	17.5	0
5	16QAM	1	12	16.67	16.63	16.54	16.84		
5	16QAM	1	24	16.75	16.64	16.57	16.85		
5	16QAM	12	0	16.72	16.79	16.66	16.84	17.5	0
5	16QAM	12	7	16.69	16.69	16.64	16.84		
5	16QAM	12	13	16.71	16.73	16.70	16.80		
5	16QAM	25	0	16.71	16.65	16.72	16.80		
5	64QAM	1	0	16.42	16.44	16.32	16.47	17.5	0
5	64QAM	1	12	16.53	16.43	16.32	16.64		
5	64QAM	1	24	16.55	16.40	16.38	16.72		
5	64QAM	12	0	16.76	16.75	16.66	16.84	17.5	0
5	64QAM	12	7	16.76	16.73	16.70	16.86		
5	64QAM	12	13	16.76	16.65	16.72	16.78		
5	64QAM	25	0	16.81	16.75	16.69	16.81		
5	256QAM	1	0	16.54	16.60	16.42	16.62	17.5	0
5	256QAM	1	12	16.46	16.51	16.30	16.61		
5	256QAM	1	24	16.60	16.48	16.48	16.73		
5	256QAM	12	0	16.76	16.83	16.74	16.80	17.5	0
5	256QAM	12	7	16.89	16.82	16.80	16.84		
5	256QAM	12	13	16.74	16.81	16.75	16.79		
5	256QAM	25	0	16.74	16.70	16.66	16.84		

Uplink CA Power

CA_5B_Ant2											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	49	1	0	2	0	Full Power	22.56	24.00
20575	20476	QPSK	1	49	1	0	2	0	Full Power	22.36	24.00
20600	20501	QPSK	1	0	1	49	2	0	Full Power	22.48	24.00
20450	20549	QPSK	1	49	1	0	2	0	DSI 2	21.59	23.00
20575	20476	QPSK	1	49	1	0	2	0	DSI 2	21.45	23.00
20600	20501	QPSK	1	0	1	49	2	0	DSI 2	21.57	23.00
20450	20549	QPSK	1	49	1	0	2	0	DSI 2 (Sim)	20.25	21.50
20575	20476	QPSK	1	49	1	0	2	0	DSI 2 (Sim)	19.98	21.50
20600	20501	QPSK	1	0	1	49	2	0	DSI 2 (Sim)	20.23	21.50
20450	20549	QPSK	1	49	1	0	2	0	DSI 3	22.56	24.00
20575	20476	QPSK	1	49	1	0	2	0	DSI 3	22.36	24.00
20600	20501	QPSK	1	0	1	49	2	0	DSI 3	22.48	24.00
20450	20549	QPSK	1	49	1	0	2	0	DSI 3 (Sim)	20.51	21.50
20575	20476	QPSK	1	49	1	0	2	0	DSI 3 (Sim)	20.31	21.50
20600	20501	QPSK	1	0	1	49	2	0	DSI 3 (Sim)	20.50	21.50

CA_66B_Ant2											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	1	0	2	0	Full Power	22.50	24.00
132322	132415	QPSK	1	74	1	0	2	0	Full Power	22.49	24.00
132597	132504	QPSK	1	0	1	24	2	0	Full Power	22.56	24.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 2	22.53	24.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 2	22.71	24.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 2	22.75	24.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 2 (Sim)	20.03	21.50
132322	132415	QPSK	1	74	1	0	2	0	DSI 2 (Sim)	20.24	21.50
132597	132504	QPSK	1	0	1	24	2	0	DSI 2 (Sim)	20.46	21.50
132047	132140	QPSK	1	74	1	0	2	0	DSI 3	22.68	24.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 3	22.84	24.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 3	22.89	24.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 3 (Sim)	19.53	21.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 3 (Sim)	19.70	21.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 3 (Sim)	19.85	21.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 6	22.43	24.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 6	22.60	24.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 6	22.74	24.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 6 (Sim)	19.14	20.50
132322	132415	QPSK	1	74	1	0	2	0	DSI 6 (Sim)	19.27	20.50
132597	132504	QPSK	1	0	1	24	2	0	DSI 6 (Sim)	19.38	20.50

CA_66C_Ant2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	99	1	0	2	0	Full Power	22.60	24.00
132322	132520	QPSK	1	99	1	0	2	0	Full Power	22.56	24.00
132572	132374	QPSK	1	0	1	99	2	0	Full Power	22.63	24.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 2	22.56	24.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 2	22.75	24.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 2	22.76	24.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 2 (Sim)	20.51	21.50
132322	132520	QPSK	1	99	1	0	2	0	DSI 2 (Sim)	20.43	21.50
132572	132374	QPSK	1	0	1	99	2	0	DSI 2 (Sim)	20.53	21.50
132072	132270	QPSK	1	99	1	0	2	0	DSI 3	22.79	24.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 3	22.86	24.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 3	22.90	24.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	19.75	21.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	19.82	21.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 3 (Sim)	19.87	21.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 6	22.75	24.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 6	22.69	24.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 6	22.78	24.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 6 (Sim)	19.36	20.50
132322	132520	QPSK	1	99	1	0	2	0	DSI 6 (Sim)	19.26	20.50
132572	132374	QPSK	1	0	1	99	2	0	DSI 6 (Sim)	19.40	20.50

CA_48C_Ant4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	99	1	0	2	0	Full Power	22.80	24.00
55830	56028	QPSK	1	99	1	0	2	0	Full Power	22.62	24.00
56150	56348	QPSK	1	99	1	0	2	0	Full Power	22.83	24.00
56640	56442	QPSK	1	0	1	99	2	0	Full Power	22.99	24.00
55340	55538	QPSK	1	99	1	0	2	0	DSI 2 (Sim)	22.51	23.50
55830	56028	QPSK	1	99	1	0	2	0	DSI 2 (Sim)	22.41	23.50
56150	56348	QPSK	1	99	1	0	2	0	DSI 2 (Sim)	22.51	23.50
56640	56442	QPSK	1	0	1	99	2	0	DSI 2 (Sim)	22.89	23.50
55340	55538	QPSK	1	99	1	0	2	0	DSI 3	19.51	20.50
55830	56028	QPSK	1	99	1	0	2	0	DSI 3	19.43	20.50
56150	56348	QPSK	1	99	1	0	2	0	DSI 3	19.47	20.50
56640	56442	QPSK	1	0	1	99	2	0	DSI 3	19.82	20.50
55340	55538	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	16.67	17.50
55830	56028	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	16.64	17.50
56150	56348	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	16.69	17.50
56640	56442	QPSK	1	0	1	99	2	0	DSI 3 (Sim)	16.77	17.50
55340	55538	QPSK	1	99	1	0	2	0	DSI 6	19.51	20.50
55830	56028	QPSK	1	99	1	0	2	0	DSI 6	19.43	20.50
56150	56348	QPSK	1	99	1	0	2	0	DSI 6	19.47	20.50
56640	56442	QPSK	1	0	1	99	2	0	DSI 6	19.82	20.50
55340	55538	QPSK	1	99	1	0	2	0	DSI 6 (Sim)	16.67	17.50
55830	56028	QPSK	1	99	1	0	2	0	DSI 6 (Sim)	16.64	17.50
56150	56348	QPSK	1	99	1	0	2	0	DSI 6 (Sim)	16.69	17.50
56640	56442	QPSK	1	0	1	99	2	0	DSI 6 (Sim)	16.77	17.50

CA_5B_Ant1											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	49	1	0	2	0	Full Power	22.57	24.00
20575	20476	QPSK	1	49	1	0	2	0	Full Power	22.65	24.00
20600	20501	QPSK	1	0	1	49	2	0	Full Power	22.55	24.00
20450	20549	QPSK	1	49	1	0	2	0	DSI 3 & DSI 3 (Sim)	22.72	24.00
20575	20476	QPSK	1	49	1	0	2	0	DSI 3 & DSI 3 (Sim)	22.78	24.00
20600	20501	QPSK	1	0	1	49	2	0	DSI 3 & DSI 3 (Sim)	22.70	24.00

CA_66B_Ant1											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	74	1	0	2	0	Full Power	22.49	24.00
132322	132415	QPSK	1	74	1	0	2	0	Full Power	22.75	24.00
132597	132504	QPSK	1	0	1	24	2	0	Full Power	22.65	24.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 3	16.81	18.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 3	16.95	18.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 3	16.89	18.00
132047	132140	QPSK	1	74	1	0	2	0	DSI 3 (Sim)	15.31	16.50
132322	132415	QPSK	1	74	1	0	2	0	DSI 3 (Sim)	15.58	16.50
132597	132504	QPSK	1	0	1	24	2	0	DSI 3 (Sim)	15.47	16.50
132047	132140	QPSK	1	74	1	0	2	0	DSI 6 & DSI 6 (Sim)	20.73	22.00
132322	132415	QPSK	1	74	1	0	2	0	DSI 6 & DSI 6 (Sim)	20.96	22.00
132597	132504	QPSK	1	0	1	24	2	0	DSI 6 & DSI 6 (Sim)	20.88	22.00

CA_66C_Ant1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	99	1	0	2	0	Full Power	22.69	24.00
132322	132520	QPSK	1	99	1	0	2	0	Full Power	22.79	24.00
132572	132374	QPSK	1	0	1	99	2	0	Full Power	22.78	24.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 3	16.89	18.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 3	16.99	18.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 3	16.98	18.00
132072	132270	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	15.55	16.50
132322	132520	QPSK	1	99	1	0	2	0	DSI 3 (Sim)	15.60	16.50
132572	132374	QPSK	1	0	1	99	2	0	DSI 3 (Sim)	15.52	16.50
132072	132270	QPSK	1	99	1	0	2	0	DSI 6 & DSI 6 (Sim)	20.87	22.00
132322	132520	QPSK	1	99	1	0	2	0	DSI 6 & DSI 6 (Sim)	20.98	22.00
132572	132374	QPSK	1	0	1	99	2	0	DSI 6 & DSI 6 (Sim)	20.96	22.00

Downlink CA Power

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band		CA_4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	23.02	23.15
		CA_7A-13A	7	20	2535	21100	QPSK	1	0	13	10	751	5230	22.95	23.14
Intra-Band	Contiguous	CA_7B	7	15	2535	21100	QPSK	1	0	7	5	2664.3	3193	22.96	23.14
		CA_48B	48	15	3607.5	55815	QPSK	1	0	48	5	3617.40	55914	23.46	23.56

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band		CA_2A-4A-13A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	23.07	23.13
		CA_2A-5A-48A	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	23.00	23.13
		CA_2A-13A-48A	2	20	1860	18700	QPSK	1	0	13	10	751	5230	48	20	3625	55990	23.05	23.13
		CA_2A-48A-48A	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	5	3552.5	55265	23.07	23.13
		CA_2A-48A-66A	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	66	20	2145	66786	22.97	23.13
		CA_4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	5	2112.5	1975	13	10	751	5230	23.05	23.15
		CA_4A-48C	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3644.8	56188	22.85	23.15
		CA_5A-48A-66A	5	10	836.5	20525	QPSK	1	0	48	20	3625	55990	66	20	2145	66786	22.87	22.99
		CA_7A-7A-66A	7	20	2535	21100	QPSK	1	0	7	5	2622.5	2775	66	20	2145	66786	22.83	23.14
		CA_7C-66A	7	20	2535	21100	QPSK	1	0	7	20	2635.2	3298	66	20	2145	66786	22.86	23.14
Intra-Band	Non-Contiguous	CA_48A-48A-48A	48	20	3609	55830	QPSK	1	99	48	5	3552.5	55265	48	20	3690	56640	23.50	23.56
		CA_66A-66A-66A	66	20	1720	132072	QPSK	1	0	66	5	2145	66786	66	20	2170	67036	22.95	23.16
		CA_66A-66C	66	20	1720	132072	QPSK	1	0	66	20	2150.2	66838	66	20	2170	67036	22.88	23.16

4CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-2A-4A-4A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	4	5	2152.5	2375	22.84	23.13
		CA_2A-2A-4A-5A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	5	10	881.5	2525	22.82	23.13
		CA_2A-2A-5A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2145	66786	23.00	23.13
		CA_2A-2A-13A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2145	66786	23.11	23.13
		CA_2A-2A-66A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	20	2145	66786	66	5	2112.5	66461	23.00	23.13
		CA_2A-4A-4A-5A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	5	10	881.5	2525	22.99	23.13
		CA_2A-5A-66A-66A	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	20	2145	66786	66	5	2112.5	66461	23.12	23.13
		CA_2A-13A-66A-66A	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	20	2145	66786	66	5	2112.5	66461	23.07	23.13
		CA_2A-2A-5B	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	5	10	876.6	2476	5	10	886.5	2575	23.09	23.13
		CA_2A-2A-66B	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	10	2150.1	66837	66	10	2160	66936	23.12	23.13
		CA_2A-4A-5B	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	5	10	829	2450	5	10	883.9	2549	23.00	23.13
		CA_2A-5A-66B	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	10	2150.1	66837	66	10	2160	66936	22.95	23.13
		CA_2A-13A-66B	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	10	2150.1	66837	66	10	2160	66936	23.10	23.13
		CA_2A-66A-66B	2	20	1860	18700	QPSK	1	0	66	20	2120	66536	66	10	2150.1	66837	66	10	2160	66936	23.10	23.13
		CA_2A-2A-66C	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	20	2145.1	66787	66	20	2164.9	66985	23.05	23.13
		CA_2A-5A-48C	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	48	20	3615.1	55891	48	20	3634.9	56089	23.00	23.13
		CA_2A-5A-66C	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	20	2145.1	66787	66	20	2164.9	66985	22.90	23.13
		CA_2A-13A-48C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	48	20	3615.1	55891	48	20	3634.9	56089	22.95	23.13
		CA_2A-13A-66C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	20	2145.1	66787	66	20	2164.9	66985	23.03	23.13
		CA_2A-48A-48C	2	20	1860	18700	QPSK	1	0	48	20	3560	55340	48	20	3615.1	55891	48	20	3634.9	56089	22.94	23.13
		CA_2A-5B-66A	2	20	1860	18700	QPSK	1	0	5	10	876.6	2476	5	10	886.5	2575	66	20	2145	66786	22.99	23.13
		CA_2A-48C-66A	2	20	1860	18700	QPSK	1	0	48	20	3615.1	55891	48	20	3634.9	56089	66	20	2145	66786	22.99	23.13
		CA_2A-48D	2	20	1860	18700	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.10	23.13
		CA_4A-4A-5B	4	20	1732.5	20175	QPSK	1	0	4	5	2112.5	1975	5	10	829	2450	5	10	883.9	2549	22.95	23.15
		CA_4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	22.95	23.15
		CA_5A-5A-66A-66A	5	10	836.5	20525	QPSK	1	0	5	5	871.5	2425	66	20	2145	66786	66	5	2112.5	66461	22.92	22.99
		CA_5A-5A-66B	5	10	836.5	20525	QPSK	1	0	5	5	871.5	2425	66	10	2150.1	66837	66	10	2160	66936	22.89	22.99
		CA_5A-5A-66C	5	10	836.5	20525	QPSK	1	0	5	5	871.5	2425	66	20	2145.1	66787	66	20	2164.9	66985	22.95	22.99
		CA_5A-48D	5	10	836.5	20525	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	22.87	22.99
		CA_5A-48C-66A	5	10	836.5	20525	QPSK	1	0	48	20	3615.1	55891	48	20	3634.9	56089	66	20	2145	66786	22.98	22.99
		CA_5B-66A-66A	5	10	836.5	20525	QPSK	1	0	5	10	891.4	2624	66	20	2145	66786	66	5	2112.5	66461	22.92	22.99
		CA_5B-66B	5	10	836.5	20525	QPSK	1	0	5	10	891.4	2624	66	10	2150.1	66837	66	10	2160	66936	22.88	22.99
		CA_5B-66C	5	10	836.5	20525	QPSK	1	0	5	10	891.4	2624	66	20	2145.1	66787	66	20	2164.9	66985	22.95	22.99
		CA_13A-48A-66B	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	10	2150.1	66837	66	10	2160	66936	22.88	22.97
		CA_13A-66A-66B	13	10	782	23230	QPSK	1	0	66	20	2120	66536	66	10	2150.1	66837	66	10	2160	66936	22.90	22.97
		CA_13A-48A-48C	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3615.1	55891	48	20	3634.9	56089	22.92	22.97
		CA_13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	20	2145.1	66787	66	20	2164.9	66985	22.93	22.97
		CA_13A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3615.1	55891	48	20	3634.9	56089	66	20	2145	66786	22.90	22.97
		CA_13A-48D	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	22.85	22.97
		CA_48A-48A-66A-66A	48	20	3609	55830	QPSK	1	99	48	5	3697.5	56715	66	20	2145	66786	66	5	2112.5	66461	23.50	23.56
		CA_48A-48A-66B	48	20	3609	55830	QPSK	1	99	48	5	3697.5	56715	66	10	2150.1	66837	66	10	2160	66936	23.50	23.56
		CA_48A-48A-66C	48	20	3609	55830	QPSK	1	99	48	5	3697.5	56715	66	20	2145.1	66787	66	20	2164.9	66985	23.55	23.56
		CA_48A-48C-66A	48	20	3609	55830	QPSK	1	99	48	20	3670.2	56442	48	20	3690	56640	66	20	2145	66786	23.42	23.56
		CA_48C-66A-66A	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	66	20	2145	66786	66	5	2112.5	66461	23.40	23.56
		CA_48C-66B	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	66	10	2150.1	66837	66	10	2160	66936	23.39	23.56
		CA_48C-66C	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	66	20	2145.1	66787	66	20	2164.9	66985	23.53	23.56
		CA_48D-66A	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	48	20	3648.6	56226	66	20	2145	66786	23.48	23.56
Intra-Band	Non-Contiguous	CA_48A-48D	48	20	3609	55830	QPSK	1	99	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.54	23.56
		CA_48C-48C	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	48	20	3670.2	56442	48	20	3690	56640	23.37	23.56
	Contiguous	CA_48E	48	20	3609	55830	QPSK	1	99	48	20	3628.8	56028	48	20	3648.6	56226	48	20	3668.4	56424	23.53	23.56

Full Power level/Default Power level/ Pmax Power Level for 5G NR

n2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.23	23.25	22.96	24.0	0.0
20	PI/2 BPSK	1	53	23.22	23.20	22.95		
20	PI/2 BPSK	1	104	22.98	23.19	22.82		
20	PI/2 BPSK	50	0	22.63	22.75	22.48	23.5	0.5
20	PI/2 BPSK	50	28	23.20	23.24	22.94	24.0	0.0
20	PI/2 BPSK	50	56	22.48	22.69	22.26	23.5	0.5
20	PI/2 BPSK	100	0	22.67	22.73	22.44		
20	QPSK	1	1	22.97	23.15	22.94	24.0	0.0
20	QPSK	1	53	22.94	23.12	22.89		
20	QPSK	1	104	22.80	22.73	22.84		
20	QPSK	50	0	21.86	22.08	21.88	23.0	1.0
20	QPSK	50	28	22.72	22.93	22.69	24.0	0.0
20	QPSK	50	56	21.71	21.88	21.71	23.0	1.0
20	QPSK	100	0	21.68	21.93	21.71		
20	16QAM	1	1	21.86	22.04	21.80	23.0	1.0
20	64QAM	1	1	20.15	20.39	20.17	21.5	2.5
20	256QAM	1	1	18.53	18.69	18.44	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	23.08	23.10	22.87	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	23.10	23.12	22.86	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	23.10	23.18	22.83	24.0	0.0

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.10	23.26	23.19	24.0	0.0
20	PI/2 BPSK	1	53	23.09	23.25	23.17		
20	PI/2 BPSK	1	104	23.05	23.24	23.16		
20	PI/2 BPSK	50	0	22.36	22.74	22.35	23.5	0.5
20	PI/2 BPSK	50	28	22.98	23.21	23.16	24.0	0.0
20	PI/2 BPSK	50	56	22.66	22.76	22.79	23.5	0.5
20	PI/2 BPSK	100	0	22.48	22.74	22.72		
20	QPSK	1	1	22.73	22.97	22.77	24.0	0.0
20	QPSK	1	53	22.94	23.17	22.98		
20	QPSK	1	104	22.98	22.88	22.82		
20	QPSK	50	0	21.74	22.04	21.89	23.0	1.0
20	QPSK	50	28	22.64	22.95	22.74	24.0	0.0
20	QPSK	50	56	21.72	22.00	21.82	23.0	1.0
20	QPSK	100	0	21.76	22.02	21.92		
20	16QAM	1	1	21.94	22.23	22.12	23.0	1.0
20	64QAM	1	1	20.33	20.55	20.41	21.5	2.5
20	256QAM	1	1	18.61	18.82	18.72	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	23.02	23.18	23.16	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	23.01	23.25	23.09	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	23.01	23.19	23.15	24.0	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.24	23.25	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.21	23.22	23.19		
20	PI/2 BPSK	1	104	22.95	22.93	22.87		
20	PI/2 BPSK	50	0	22.89	22.54	22.52	24.0	0.0
20	PI/2 BPSK	50	28	23.13	23.23	22.97	24.0	0.0
20	PI/2 BPSK	50	56	22.98	22.97	22.92	24.0	0.0
20	PI/2 BPSK	100	0	23.11	23.16	23.02		
20	QPSK	1	1	23.05	23.21	23.13	24.0	0.0
20	QPSK	1	53	23.06	23.14	23.06		
20	QPSK	1	104	22.82	22.93	22.84		
20	QPSK	50	0	22.48	22.61	22.51	23.5	0.5
20	QPSK	50	28	22.86	23.02	22.89	24.0	0.0
20	QPSK	50	56	22.25	22.36	22.30	23.5	0.5
20	QPSK	100	0	22.45	22.52	22.40		
20	16QAM	1	1	22.48	22.59	22.53	23.5	0.5
20	64QAM	1	1	20.86	20.97	20.92	22.0	2.0
20	256QAM	1	1	19.18	19.33	19.27	20.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.10	23.12	23.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.17	23.13	23.09	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.19	23.13	23.18	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.06	23.07	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.98	22.90	22.86		
20	PI/2 BPSK	1	104	22.84	22.74	22.93		
20	PI/2 BPSK	50	0	22.86	22.92	22.66	24.0	0.0
20	PI/2 BPSK	50	28	22.94	23.03	22.81	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.78	22.80	24.0	0.0
20	PI/2 BPSK	100	0	22.95	23.00	22.81		
20	QPSK	1	1	23.00	23.03	22.96	24.0	0.0
20	QPSK	1	53	22.91	23.01	22.87		
20	QPSK	1	104	22.79	22.80	22.74		
20	QPSK	50	0	22.42	22.45	22.37	23.5	0.5
20	QPSK	50	28	22.77	22.86	22.73	24.0	0.0
20	QPSK	50	56	22.23	22.24	22.13	23.5	0.5
20	QPSK	100	0	22.25	22.32	22.22		
20	16QAM	1	1	22.59	22.68	22.63	23.5	0.5
20	64QAM	1	1	20.91	20.94	20.88	22.0	2.0
20	256QAM	1	1	19.28	19.33	19.20	20.0	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	22.95	22.95	22.76	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	22.90	22.98	22.83	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.97	22.94	22.78	24.0	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.17	23.28	23.15	24.0	0.0
40	PI/2 BPSK	1	108	23.13	23.27	23.12		
40	PI/2 BPSK	1	214	23.11	23.16	23.10		
40	PI/2 BPSK	108	0	22.46	22.47	22.49	23.5	0.5
40	PI/2 BPSK	108	54	23.11	23.22	23.10	24.0	0.0
40	PI/2 BPSK	108	108	22.52	22.49	22.48	23.5	0.5
40	PI/2 BPSK	216	0	22.37	22.50	22.35		
40	QPSK	1	1	22.93	23.00	22.85	24.0	0.0
40	QPSK	1	108	22.88	22.88	22.81		
40	QPSK	1	214	22.82	22.84	22.75		
40	QPSK	108	0	21.85	21.87	21.73	23.0	1.0
40	QPSK	108	54	22.75	22.84	22.72	24.0	0.0
40	QPSK	108	108	21.93	22.02	21.96	23.0	1.0
40	QPSK	216	0	21.85	21.89	21.77		
40	16QAM	1	1	22.16	22.20	22.07	23.0	1.0
40	64QAM	1	1	20.74	20.84	20.72	21.5	2.5
40	256QAM	1	1	18.65	18.65	18.50	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	22.88	22.87	22.87	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.89	22.89	22.83	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	22.97	22.79	22.81	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	22.95	22.78	22.87	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	22.97	22.86	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.16	23.23	23.06	24.0	0.0
40	PI/2 BPSK	1	108	22.91	23.15	22.95		
40	PI/2 BPSK	1	214	22.99	22.89	22.77		
40	PI/2 BPSK	108	0	22.55	22.44	22.55	23.5	0.5
40	PI/2 BPSK	108	54	23.04	23.17	22.98	24.0	0.0
40	PI/2 BPSK	108	108	22.69	22.52	22.34	23.5	0.5
40	PI/2 BPSK	216	0	22.52	22.63	22.33		
40	QPSK	1	1	22.97	23.05	22.94	24.0	0.0
40	QPSK	1	108	23.17	23.20	23.14		
40	QPSK	1	214	22.89	22.89	22.83		
40	QPSK	108	0	21.76	21.73	21.68	23.0	1.0
40	QPSK	108	54	23.12	23.10	22.99	24.0	0.0
40	QPSK	108	108	21.78	21.75	21.72	23.0	1.0
40	QPSK	216	0	21.86	21.91	21.79		
40	16QAM	1	1	21.88	21.96	21.84	23.0	1.0
40	64QAM	1	1	20.52	20.54	20.40	21.5	2.5
40	256QAM	1	1	18.67	18.65	18.50	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	22.90	23.16	22.96	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.91	23.09	22.96	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	22.94	23.19	22.93	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	22.99	23.11	23.00	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	22.90	23.10	22.96	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.25		24.0	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.17			
100	PI/2 BPSK	135	0		23.12		24.0	0.0
100	PI/2 BPSK	135	69		23.14		24.0	0.0
100	PI/2 BPSK	135	138		23.11		24.0	0.0
100	PI/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.20		24.0	0.0
100	QPSK	1	137		23.13			
100	QPSK	1	271		23.24			
100	QPSK	135	0		23.16		24.0	0.0
100	QPSK	135	69		23.13			
100	QPSK	135	138		23.14			
100	QPSK	270	0		22.07		23.0	1.0
100	16QAM	1	1		22.04		23.0	1.0
100	64QAM	1	1		20.54		21.5	2.5
100	256QAM	1	1		18.59		19.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.85	23.18	22.74	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.75	23.04	22.59	24.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.74	23.05	22.63	24.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.72	23.05	22.69	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.73	23.07	22.61	24.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.73	23.08	22.60	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.71	23.07	22.62	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.71	23.02	22.67	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.10		27.0	0.0
100	PI/2 BPSK	1	137		26.09			
100	PI/2 BPSK	1	271		25.73			
100	PI/2 BPSK	135	0		25.20		26.5	0.5
100	PI/2 BPSK	135	69		26.05		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.14			
100	QPSK	1	1		25.57		27.0	0.0
100	QPSK	1	137		25.68			
100	QPSK	1	271		25.74			
100	QPSK	135	0		25.11		27.0	0.0
100	QPSK	135	69		25.53			
100	QPSK	135	138		25.13			
100	QPSK	270	0		24.71		26.0	1.0
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.62		24.5	2.5
100	256QAM	1	1		21.81		22.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	25.96	26.00	25.94	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	25.89	25.92	25.89	27.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	25.81	25.94	25.78	27.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	25.82	25.86	25.86	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	25.85	25.95	25.85	27.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	25.88	25.93	25.82	27.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	25.91	25.84	25.80	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	25.81	25.92	25.88	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.15	23.17	22.81	24.0	0.0
100	PI/2 BPSK	1	137	23.05	23.05	22.77		
100	PI/2 BPSK	1	271	22.98	23.01	22.76		
100	PI/2 BPSK	135	0	22.99	23.05	22.76	24.0	0.0
100	PI/2 BPSK	135	69	23.01	23.06	22.78	24.0	0.0
100	PI/2 BPSK	135	138	22.93	22.95	22.73	24.0	0.0
100	PI/2 BPSK	270	0	22.91	22.92	22.63		
100	QPSK	1	1	22.93	22.98	22.87	24.0	0.0
100	QPSK	1	137	22.55	22.62	22.49		
100	QPSK	1	271	22.58	22.68	22.58		
100	QPSK	135	0	22.62	22.67	22.59	24.0	0.0
100	QPSK	135	69	22.37	22.48	22.37		
100	QPSK	135	138	22.40	22.46	22.33		
100	QPSK	270	0	21.02	21.05	21.01	23.0	1.0
100	16QAM	1	1	21.07	21.08	21.05	23.0	1.0
100	64QAM	1	1	20.24	20.38	20.20	21.5	2.5
100	256QAM	1	1	18.47	18.59	18.43	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	23.01	23.08	22.69	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	23.05	23.12	22.68	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	23.08	23.08	22.69	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	23.06	23.09	22.70	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	23.07	23.04	22.73	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	23.00	23.12	22.75	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	22.99	23.06	22.73	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	23.07	23.07	22.69	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.30	25.31	25.16	27.0	0.0
100	PI/2 BPSK	1	137	25.22	25.25	25.12		
100	PI/2 BPSK	1	271	25.21	25.23	25.08		
100	PI/2 BPSK	135	0	25.00	25.25	25.03	26.5	0.5
100	PI/2 BPSK	135	69	25.25	25.30	25.07	27.0	0.0
100	PI/2 BPSK	135	138	24.79	24.81	24.72	26.5	0.5
100	PI/2 BPSK	270	0	24.86	24.87	24.76		
100	QPSK	1	1	25.01	25.11	25.04	27.0	0.0
100	QPSK	1	137	25.04	25.00	25.05		
100	QPSK	1	271	25.02	25.05	25.03		
100	QPSK	135	0	25.12	25.15	25.13	27.0	0.0
100	QPSK	135	69	25.01	25.06	25.04		
100	QPSK	135	138	25.02	25.04	25.03		
100	QPSK	270	0	24.14	24.20	24.13	26.0	1.0
100	16QAM	1	1	24.31	24.36	24.21	26.0	1.0
100	64QAM	1	1	22.99	23.05	22.94	24.5	2.5
100	256QAM	1	1	21.27	21.36	21.25	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	25.23	25.22	25.03	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	25.19	25.16	25.01	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	25.22	25.25	25.03	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	25.21	25.18	25.01	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	25.24	25.18	25.02	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	25.22	25.24	25.06	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	25.24	25.24	25.08	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	25.21	25.25	25.07	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.99		24.0	0.0
100	PI/2 BPSK	1	137		22.79			
100	PI/2 BPSK	1	271		22.90			
100	PI/2 BPSK	135	0		22.96		23.5	0.5
100	PI/2 BPSK	135	69		22.98		24.0	0.0
100	PI/2 BPSK	135	138		22.52		23.5	0.5
100	PI/2 BPSK	270	0		22.55			
100	QPSK	1	1		22.92		24.0	0.0
100	QPSK	1	137		22.87			
100	QPSK	1	271		22.56			
100	QPSK	135	0		22.09		24.0	0.0
100	QPSK	135	69		22.81			
100	QPSK	135	138		22.02			
100	QPSK	270	0		21.88		23.0	1.0
100	16QAM	1	1		22.05		23.0	1.0
100	64QAM	1	1		20.77		21.5	2.5
100	256QAM	1	1		18.51		19.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.74	22.85	22.68	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.76	22.76	22.60	24.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	22.72	22.79	22.65	24.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.71	22.76	22.64	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.69	22.77	22.60	24.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.70	22.86	22.59	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.73	22.85	22.65	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.75	22.84	22.60	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.08		24.0	0.0
100	PI/2 BPSK	1	137		23.06			
100	PI/2 BPSK	1	271		22.84			
100	PI/2 BPSK	135	0		22.06		23.5	0.5
100	PI/2 BPSK	135	69		23.02		24.0	0.0
100	PI/2 BPSK	135	138		21.92		23.5	0.5
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		23.02		24.0	0.0
100	QPSK	1	137		22.90			
100	QPSK	1	271		22.80			
100	QPSK	135	0		21.83		24.0	0.0
100	QPSK	135	69		22.70			
100	QPSK	135	138		21.85			
100	QPSK	270	0		21.82		23.0	1.0
100	16QAM	1	1		21.78		23.0	1.0
100	64QAM	1	1		20.19		21.5	2.5
100	256QAM	1	1		18.17		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.58	22.65	22.47	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	22.53	22.59	22.36	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	22.45	22.49	22.34	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	22.50	22.57	22.42	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	22.43	22.58	22.31	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	22.47	22.59	22.35	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	22.49	22.50	22.39	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	22.49	22.55	22.41	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.72		20.5	0.0
100	PI/2 BPSK	1	137		19.66			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.44		20.5	0.0
100	PI/2 BPSK	135	69		19.64		20.5	0.0
100	PI/2 BPSK	135	138		19.50		20.5	0.0
100	PI/2 BPSK	270	0		19.60			
100	QPSK	1	1		19.50		20.5	0.0
100	QPSK	1	137		19.48			
100	QPSK	1	271		19.46			
100	QPSK	135	0		19.28		20.5	0.0
100	QPSK	135	69		19.56			
100	QPSK	135	138		19.42			
100	QPSK	270	0		18.36		19.5	1.0
100	16QAM	1	1		18.50		19.5	1.0
100	64QAM	1	1		16.91		18.0	2.5
100	256QAM	1	1		14.91		16.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.61	19.64	19.66	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.62	19.65	19.71	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.64	19.67	19.69	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.59	19.62	19.70	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.66	19.63	19.68	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.65	19.61	19.71	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.63	19.64	19.70	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.65	19.66	19.71	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.70	19.74	19.56	20.5	0.0
100	PI/2 BPSK	1	137	19.59	19.69	19.50		
100	PI/2 BPSK	1	271	19.45	19.51	19.35		
100	PI/2 BPSK	135	0	19.53	19.61	19.50	20.5	0.0
100	PI/2 BPSK	135	69	19.57	19.69	19.53	20.5	0.0
100	PI/2 BPSK	135	138	19.26	19.44	19.33	20.5	0.0
100	PI/2 BPSK	270	0	19.41	19.66	19.32		
100	QPSK	1	1	19.56	19.71	19.59	20.5	0.0
100	QPSK	1	137	19.56	19.59	19.57		
100	QPSK	1	271	19.22	19.38	19.35		
100	QPSK	135	0	19.33	19.50	19.44	20.5	0.0
100	QPSK	135	69	19.61	19.63	19.51		
100	QPSK	135	138	19.21	19.38	19.22		
100	QPSK	270	0	18.71	18.61	18.57	19.5	1.0
100	16QAM	1	1	18.48	18.44	18.29	19.5	1.0
100	64QAM	1	1	17.00	16.80	16.86	18.0	2.5
100	256QAM	1	1	14.89	14.84	14.70	16.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	19.72	19.71	19.56	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	19.71	19.71	19.49	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	19.67	19.71	19.60	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	19.67	19.68	19.59	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	19.72	19.70	19.53	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	19.69	19.73	19.58	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	19.71	19.72	19.52	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	19.70	19.73	19.54	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.23		20.5	0.0
100	PI/2 BPSK	1	137		18.78			
100	PI/2 BPSK	1	271		18.75			
100	PI/2 BPSK	135	0		18.51		20.0	0.5
100	PI/2 BPSK	135	69		19.22		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.51		20.5	0.0
100	QPSK	1	137		18.52			
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.51		20.5	0.0
100	QPSK	135	69		18.52			
100	QPSK	135	138		18.50			
100	QPSK	270	0		18.01		19.5	1.0
100	16QAM	1	1		17.61		19.5	1.0
100	64QAM	1	1		16.22		18.0	2.5
100	256QAM	1	1		14.23		16.0	4.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	19.17	19.22	19.00	20.5	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	19.02	19.21	19.10	20.5	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	18.94	19.20	19.09	20.5	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	19.02	19.19	19.20	20.5	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	19.13	19.15	19.18	20.5	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	19.21	19.21	19.12	20.5	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	19.17	19.20	19.22	20.5	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	19.04	19.21	19.10	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.62		20.5	0.0
100	PI/2 BPSK	1	137		19.61			
100	PI/2 BPSK	1	271		19.45			
100	PI/2 BPSK	135	0		18.18		20.0	0.5
100	PI/2 BPSK	135	69		19.61		20.5	0.0
100	PI/2 BPSK	135	138		18.65		20.0	0.5
100	PI/2 BPSK	270	0		18.75			
100	QPSK	1	1		19.45		20.5	0.0
100	QPSK	1	137		19.36			
100	QPSK	1	271		19.42			
100	QPSK	135	0		18.51		20.5	0.0
100	QPSK	135	69		19.19			
100	QPSK	135	138		18.50			
100	QPSK	270	0		17.86		19.5	1.0
100	16QAM	1	1		18.01		19.5	1.0
100	64QAM	1	1		16.79		18.0	2.5
100	256QAM	1	1		14.69		16.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.49	19.61	19.28	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.50	19.58	19.43	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.38	19.59	19.33	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.57	19.60	19.59	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.54	19.61	19.53	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.53	19.58	19.49	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	19.52	19.59	19.34	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.37	19.60	19.60	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.96		18.0	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.86			
100	PI/2 BPSK	135	0		16.85		18.0	0.0
100	PI/2 BPSK	135	69		16.94		18.0	0.0
100	PI/2 BPSK	135	138		16.79		18.0	0.0
100	PI/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.95		18.0	0.0
100	QPSK	1	137		16.81			
100	QPSK	1	271		16.74			
100	QPSK	135	0		16.93		18.0	0.0
100	QPSK	135	69		16.78			
100	QPSK	135	138		16.81			
100	QPSK	270	0		15.93		17.0	1.0
100	16QAM	1	1		15.90		17.0	1.0
100	64QAM	1	1		14.45		15.5	2.5
100	256QAM	1	1		12.45		13.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.74	16.78	16.68	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.91	16.82	16.75	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.58	16.55	16.61	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.70	16.61	16.55	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.81	16.63	16.63	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.81	16.57	16.83	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.60	16.76	16.57	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.76	16.76	16.59	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.83	16.98	16.93	18.0	0.0
100	PI/2 BPSK	1	137	16.73	16.72	16.82		
100	PI/2 BPSK	1	271	16.62	16.85	16.78		
100	PI/2 BPSK	135	0	16.75	16.78	16.81	18.0	0.0
100	PI/2 BPSK	135	69	16.80	16.96	16.90	18.0	0.0
100	PI/2 BPSK	135	138	16.54	16.80	16.78	18.0	0.0
100	PI/2 BPSK	270	0	16.75	16.94	16.85		
100	QPSK	1	1	16.67	16.73	16.67	18.0	0.0
100	QPSK	1	137	16.78	16.88	16.77		
100	QPSK	1	271	16.66	16.72	16.91		
100	QPSK	135	0	16.57	16.79	16.84	18.0	0.0
100	QPSK	135	69	16.70	16.93	16.72		
100	QPSK	135	138	16.69	16.84	16.80		
100	QPSK	270	0	16.77	15.82	15.71	17.0	1.0
100	16QAM	1	1	15.75	15.86	15.57	17.0	1.0
100	64QAM	1	1	14.48	14.60	14.48	15.5	2.5
100	256QAM	1	1	12.30	12.50	12.34	13.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	16.72	16.70	16.97	18.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	16.57	16.90	16.72	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	16.91	16.88	16.77	18.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	16.63	16.94	16.86	18.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	16.82	16.91	16.69	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	16.66	16.72	16.73	18.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	16.87	16.95	16.67	18.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	16.81	16.80	16.84	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.94		18.0	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.90			
100	PI/2 BPSK	135	0		16.73		18.0	0.0
100	PI/2 BPSK	135	69		16.92		18.0	0.0
100	PI/2 BPSK	135	138		16.76		18.0	0.0
100	PI/2 BPSK	270	0		16.90			
100	QPSK	1	1		16.76		18.0	0.0
100	QPSK	1	137		16.59			
100	QPSK	1	271		16.80			
100	QPSK	135	0		16.90		18.0	0.0
100	QPSK	135	69		16.83			
100	QPSK	135	138		16.82			
100	QPSK	270	0		15.92		17.0	1.0
100	16QAM	1	1		15.90		17.0	1.0
100	64QAM	1	1		14.51		15.5	2.5
100	256QAM	1	1		13.47		13.5	4.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	16.87	16.90	16.89	18.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	16.87	16.91	16.92	18.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	16.89	16.91	16.89	18.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	16.91	16.93	16.91	18.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	16.88	16.92	16.90	18.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	16.89	16.92	16.89	18.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	16.91	16.90	16.89	18.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	16.90	16.92	16.93	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.96		18.0	0.0
100	PI/2 BPSK	1	137		16.93			
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.78		18.0	0.0
100	PI/2 BPSK	135	69		16.95		18.0	0.0
100	PI/2 BPSK	135	138		16.86		18.0	0.0
100	PI/2 BPSK	270	0		16.91			
100	QPSK	1	1		16.80		18.0	0.0
100	QPSK	1	137		16.90			
100	QPSK	1	271		16.83			
100	QPSK	135	0		16.93		18.0	0.0
100	QPSK	135	69		16.86			
100	QPSK	135	138		16.91			
100	QPSK	270	0		15.95		17.0	1.0
100	16QAM	1	1		16.06		17.0	1.0
100	64QAM	1	1		14.52		15.5	2.5
100	256QAM	1	1		12.51		13.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.93	16.95	16.92	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.85	16.86	16.93	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.86	16.86	16.93	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.84	16.86	16.88	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.88	16.89	16.91	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.88	16.85	16.90	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	16.84	16.86	16.89	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.83	16.85	16.88	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.13		18.0	0.0
100	PI/2 BPSK	1	137		17.05			
100	PI/2 BPSK	1	271		17.01			
100	PI/2 BPSK	135	0		17.06		18.0	0.0
100	PI/2 BPSK	135	69		17.09		18.0	0.0
100	PI/2 BPSK	135	138		17.02		18.0	0.0
100	PI/2 BPSK	270	0		16.83			
100	QPSK	1	1		17.05		18.0	0.0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.03			
100	QPSK	135	0		17.08		18.0	0.0
100	QPSK	135	69		17.06			
100	QPSK	135	138		17.03			
100	QPSK	270	0		16.02		17.0	1.0
100	16QAM	1	1		16.33		17.0	1.0
100	64QAM	1	1		14.63		15.5	2.5
100	256QAM	1	1		12.51		13.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.11	17.12	17.02	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.05	17.07	16.96	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.03	17.03	16.94	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.03	17.04	16.97	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.03	17.07	16.93	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.04	17.06	16.97	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.06	17.02	16.94	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.01	17.06	16.92	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.13	17.16	16.82	18.0	0.0
100	PI/2 BPSK	1	137	16.99	17.06	16.92		
100	PI/2 BPSK	1	271	16.95	17.03	16.86		
100	PI/2 BPSK	135	0	16.92	16.98	16.96	18.0	0.0
100	PI/2 BPSK	135	69	16.86	17.14	16.98	18.0	0.0
100	PI/2 BPSK	135	138	16.83	17.02	16.83	18.0	0.0
100	PI/2 BPSK	270	0	16.89	17.10	16.91		
100	QPSK	1	1	16.85	17.05	16.89	18.0	0.0
100	QPSK	1	137	16.91	17.01	16.87		
100	QPSK	1	271	16.81	16.97	16.95		
100	QPSK	135	0	16.90	16.95	16.93	18.0	0.0
100	QPSK	135	69	16.86	16.91	16.78		
100	QPSK	135	138	16.41	16.61	16.50		
100	QPSK	270	0	15.96	16.01	15.82	17.0	1.0
100	16QAM	1	1	16.24	16.34	16.26	17.0	1.0
100	64QAM	1	1	14.45	14.61	14.55	15.5	2.5
100	256QAM	1	1	12.56	12.71	12.66	13.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	17.08	17.06	16.77	18.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	17.07	17.09	16.72	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	17.04	17.07	16.72	18.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	17.03	17.10	16.75	18.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	17.06	17.06	16.77	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	17.08	17.11	16.75	18.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	17.06	17.06	16.76	18.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	17.08	17.09	16.75	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.12		18.0	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.02			
100	PI/2 BPSK	135	0		16.61		17.5	0.5
100	PI/2 BPSK	135	69		17.10		18.0	0.0
100	PI/2 BPSK	135	138		16.51		17.5	0.5
100	PI/2 BPSK	270	0		16.53			
100	QPSK	1	1		17.11		18.0	0.0
100	QPSK	1	137		17.05			
100	QPSK	1	271		17.01			
100	QPSK	135	0		17.03		18.0	0.0
100	QPSK	135	69		17.09			
100	QPSK	135	138		17.05			
100	QPSK	270	0		16.11		17.0	1.0
100	16QAM	1	1		16.32		17.0	1.0
100	64QAM	1	1		14.58		15.5	2.5
100	256QAM	1	1		12.61		13.5	4.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	17.10	17.03	17.07	18.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	17.03	17.05	16.98	18.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	17.05	17.06	16.98	18.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	17.03	17.08	16.98	18.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	17.00	17.03	16.99	18.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	17.03	17.07	17.00	18.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	17.00	17.06	17.01	18.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	17.00	17.04	16.97	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.14		18.0	0.0
100	PI/2 BPSK	1	137		17.05			
100	PI/2 BPSK	1	271		17.01			
100	PI/2 BPSK	135	0		16.55		17.5	0.5
100	PI/2 BPSK	135	69		17.12		18.0	0.0
100	PI/2 BPSK	135	138		16.45		17.5	0.5
100	PI/2 BPSK	270	0		16.63			
100	QPSK	1	1		17.13		18.0	0.0
100	QPSK	1	137		17.11			
100	QPSK	1	271		17.05			
100	QPSK	135	0		17.06		18.0	0.0
100	QPSK	135	69		17.02			
100	QPSK	135	138		17.01			
100	QPSK	270	0		17.00		17.0	1.0
100	16QAM	1	1		16.33		17.0	1.0
100	64QAM	1	1		14.78		15.5	2.5
100	256QAM	1	1		12.75		13.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.07	17.10	17.06	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.08	17.10	17.04	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.08	17.12	17.06	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.05	17.13	17.05	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.10	17.09	17.03	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.07	17.11	17.03	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	17.09	17.10	17.03	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.07	17.11	17.03	18.0	0.0

Reduced Power Mode for 5G NR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.25	22.27	22.05	23.0	0.0
20	PI/2 BPSK	1	53	21.95	22.08	21.91		
20	PI/2 BPSK	1	104	22.09	22.24	22.01		
20	PI/2 BPSK	50	0	22.06	22.13	21.92	23.0	0.0
20	PI/2 BPSK	50	28	22.07	22.14	21.93	23.0	0.0
20	PI/2 BPSK	50	56	21.95	22.09	21.89	23.0	0.0
20	PI/2 BPSK	100	0	22.08	22.13	21.93		
20	QPSK	1	1	22.15	22.22	22.06	23.0	0.0
20	QPSK	1	53	21.94	22.04	21.83		
20	QPSK	1	104	22.02	22.11	21.94		
20	QPSK	50	0	21.98	22.13	21.92	23.0	0.0
20	QPSK	50	28	21.95	22.04	21.81	23.0	0.0
20	QPSK	50	56	21.94	22.06	21.84	23.0	0.0
20	QPSK	100	0	21.98	22.08	21.91		
20	16QAM	1	1	22.11	22.24	22.08	23.0	0.0
20	64QAM	1	1	20.33	20.55	20.41	21.5	1.5
20	256QAM	1	1	18.61	18.82	18.72	19.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	22.15	22.22	22.01	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	22.15	22.14	21.91	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	22.14	22.22	22.00	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.84		22.5	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.53			
100	PI/2 BPSK	135	0		21.75		22.5	0.0
100	PI/2 BPSK	135	69		21.80		22.5	0.0
100	PI/2 BPSK	135	138		21.51		22.5	0.0
100	PI/2 BPSK	270	0		21.64			
100	QPSK	1	1		21.77		22.5	0.0
100	QPSK	1	137		21.68			
100	QPSK	1	271		21.57			
100	QPSK	135	0		21.68		22.5	0.0
100	QPSK	135	69		21.71			
100	QPSK	135	138		21.58			
100	QPSK	270	0		21.68		22.5	0.0
100	16QAM	1	1		21.83		22.5	0.0
100	64QAM	1	1		20.54		21.5	1.0
100	256QAM	1	1		18.59		19.5	3.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.78	21.73	21.72	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.64	21.65	21.66	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.73	21.58	21.61	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.65	21.67	21.68	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.73	21.64	21.57	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.71	21.59	21.58	22.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.74	21.64	21.63	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.75	21.58	21.66	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.84		22.5	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.53			
100	PI/2 BPSK	135	0		21.75		22.5	0.0
100	PI/2 BPSK	135	69		21.80		22.5	0.0
100	PI/2 BPSK	135	138		21.51		22.5	0.0
100	PI/2 BPSK	270	0		21.64			
100	QPSK	1	1		21.77		22.5	0.0
100	QPSK	1	137		21.68			
100	QPSK	1	271		21.57			
100	QPSK	135	0		21.68		22.5	0.0
100	QPSK	135	69		21.71			
100	QPSK	135	138		21.58			
100	QPSK	270	0		21.68		22.5	0.0
100	16QAM	1	1		21.83		22.5	0.0
100	64QAM	1	1		20.54		21.5	1.0
100	256QAM	1	1		18.59		19.5	3.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.78	21.73	21.72	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.64	21.65	21.66	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.73	21.58	21.61	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.65	21.67	21.68	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.73	21.64	21.57	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.71	21.59	21.58	22.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.74	21.64	21.63	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.75	21.58	21.66	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.57	21.48	22.5	0.0
100	PI/2 BPSK	1	137	21.49	21.52	21.45		
100	PI/2 BPSK	1	271	21.48	21.49	21.41		
100	PI/2 BPSK	135	0	21.50	21.51	21.44	22.5	0.0
100	PI/2 BPSK	135	69	21.51	21.52	21.46	22.5	0.0
100	PI/2 BPSK	135	138	21.42	21.45	21.39	22.5	0.0
100	PI/2 BPSK	270	0	21.45	21.48	21.42		
100	QPSK	1	1	21.48	21.51	21.45	22.5	0.0
100	QPSK	1	137	21.52	21.54	21.48		
100	QPSK	1	271	21.54	21.55	21.48		
100	QPSK	135	0	21.53	21.54	21.48	22.5	0.0
100	QPSK	135	69	21.45	21.46	21.39		
100	QPSK	135	138	21.42	21.45	21.39		
100	QPSK	270	0	21.45	21.48	21.41	22.5	0.0
100	16QAM	1	1	21.48	21.51	21.43	22.5	0.0
100	64QAM	1	1	20.24	20.38	20.20	21.5	1.0
100	256QAM	1	1	18.47	18.59	18.43	19.5	3.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	21.28	21.31	21.22	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	21.26	21.33	21.24	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	21.31	21.26	21.17	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	21.25	21.30	21.22	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	21.29	21.34	21.20	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	21.29	21.29	21.23	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	21.27	21.29	21.24	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	21.25	21.28	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.57	21.48	22.5	0.0
100	PI/2 BPSK	1	137	21.49	21.52	21.45		
100	PI/2 BPSK	1	271	21.48	21.49	21.41		
100	PI/2 BPSK	135	0	21.50	21.51	21.44	22.5	0.0
100	PI/2 BPSK	135	69	21.51	21.52	21.46	22.5	0.0
100	PI/2 BPSK	135	138	21.42	21.45	21.39	22.5	0.0
100	PI/2 BPSK	270	0	21.45	21.48	21.42		
100	QPSK	1	1	21.48	21.51	21.45	22.5	0.0
100	QPSK	1	137	21.52	21.54	21.48		
100	QPSK	1	271	21.54	21.55	21.48		
100	QPSK	135	0	21.53	21.54	21.48	22.5	0.0
100	QPSK	135	69	21.45	21.46	21.39		
100	QPSK	135	138	21.42	21.45	21.39		
100	QPSK	270	0	21.45	21.48	21.41	22.5	0.0
100	16QAM	1	1	21.48	21.51	21.43	22.5	0.0
100	64QAM	1	1	20.24	20.38	20.20	21.5	1.0
100	256QAM	1	1	18.47	18.59	18.43	19.5	3.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	21.28	21.31	21.22	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	21.26	21.33	21.24	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	21.31	21.26	21.17	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	21.25	21.30	21.22	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	21.29	21.34	21.20	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	21.29	21.29	21.23	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	21.27	21.29	21.24	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	21.25	21.28	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.82		22.5	0.0
100	PI/2 BPSK	1	137		21.76			
100	PI/2 BPSK	1	271		21.54			
100	PI/2 BPSK	135	0		21.72		22.5	0.0
100	PI/2 BPSK	135	69		21.74		22.5	0.0
100	PI/2 BPSK	135	138		21.52		22.5	0.0
100	PI/2 BPSK	270	0		21.64			
100	QPSK	1	1		21.73		22.5	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.53			
100	QPSK	135	0		21.72		22.5	0.0
100	QPSK	135	69		21.66			
100	QPSK	135	138		21.62			
100	QPSK	270	0		21.68		22.5	0.0
100	16QAM	1	1		21.80		22.5	0.0
100	64QAM	1	1		20.46		21.5	1.0
100	256QAM	1	1		18.30		19.5	3.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.61	21.72	21.51	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.53	21.75	21.48	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.57	21.78	21.51	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.61	21.74	21.48	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.58	21.73	21.47	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	21.57	21.71	21.49	22.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.56	21.77	21.48	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	21.53	21.73	21.47	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.56		22.5	0.0
100	PI/2 BPSK	1	137		21.49			
100	PI/2 BPSK	1	271		21.42			
100	PI/2 BPSK	135	0		21.49		22.5	0.0
100	PI/2 BPSK	135	69		21.53		22.5	0.0
100	PI/2 BPSK	135	138		21.38		22.5	0.0
100	PI/2 BPSK	270	0		21.41			
100	QPSK	1	1		21.47		22.5	0.0
100	QPSK	1	137		21.51			
100	QPSK	1	271		21.37			
100	QPSK	135	0		21.52		22.5	0.0
100	QPSK	135	69		21.41			
100	QPSK	135	138		21.40			
100	QPSK	270	0		21.38		22.5	0.0
100	16QAM	1	1		21.54		22.5	0.0
100	64QAM	1	1		20.14		21.5	1.0
100	256QAM	1	1		18.01		19.5	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	21.38	21.55	21.32	22.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	21.37	21.38	21.35	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	21.37	21.38	21.31	22.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	21.41	21.26	21.33	22.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	21.46	21.37	21.35	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	21.43	21.55	21.35	22.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	21.44	21.54	21.31	22.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	21.45	21.55	21.33	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.61	20.65	20.50	21.5	0.0
20	PI/2 BPSK	1	53	20.53	20.56	20.41		
20	PI/2 BPSK	1	104	20.49	20.52	20.38		
20	PI/2 BPSK	50	0	20.38	20.42	20.30	21.5	0.0
20	PI/2 BPSK	50	28	20.48	20.51	20.34	21.5	0.0
20	PI/2 BPSK	50	56	20.36	20.40	20.27	21.5	0.0
20	PI/2 BPSK	100	0	20.40	20.44	20.27		
20	QPSK	1	1	20.55	20.58	20.42	21.5	0.0
20	QPSK	1	53	20.39	20.43	20.31		
20	QPSK	1	104	20.45	20.49	20.37		
20	QPSK	50	0	20.47	20.51	20.39	21.5	0.0
20	QPSK	50	28	20.38	20.42	20.27	21.5	0.0
20	QPSK	50	56	20.39	20.43	20.31	21.5	0.0
20	QPSK	100	0	20.43	20.46	20.30		
20	16QAM	1	1	20.53	20.57	20.43	21.5	0.0
20	64QAM	1	1	20.33	20.55	20.41	21.5	0.0
20	256QAM	1	1	18.61	18.82	18.72	19.5	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	20.47	20.48	20.33	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	20.45	20.49	20.34	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	20.43	20.51	20.34	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.45	21.46	21.38	22.5	0.0
20	PI/2 BPSK	1	53	21.30	21.32	21.23		
20	PI/2 BPSK	1	104	21.08	21.12	21.02		
20	PI/2 BPSK	50	0	21.23	21.26	21.18	22.5	0.0
20	PI/2 BPSK	50	28	21.29	21.34	21.24	22.5	0.0
20	PI/2 BPSK	50	56	21.13	21.17	21.07	22.5	0.0
20	PI/2 BPSK	100	0	21.22	21.25	21.15		
20	QPSK	1	1	21.38	21.42	21.33	22.5	0.0
20	QPSK	1	53	21.21	21.24	21.16		
20	QPSK	1	104	21.03	21.09	21.00		
20	QPSK	50	0	21.28	21.33	21.23	22.5	0.0
20	QPSK	50	28	21.19	21.24	21.14	22.5	0.0
20	QPSK	50	56	21.12	21.15	21.06	22.5	0.0
20	QPSK	100	0	21.26	21.31	21.24		
20	16QAM	1	1	21.42	21.45	21.41	22.5	0.0
20	64QAM	1	1	20.91	20.94	20.88	22.0	0.5
20	256QAM	1	1	19.28	19.33	19.20	20.0	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.33	21.31	21.24	22.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.27	21.29	21.21	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.34	21.30	21.25	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.15	22.28	22.08	23.0	0.0
40	PI/2 BPSK	1	108	22.12	22.20	22.01		
40	PI/2 BPSK	1	214	22.12	22.19	22.00		
40	PI/2 BPSK	108	0	21.97	22.06	21.88	23.0	0.0
40	PI/2 BPSK	108	54	22.16	22.24	22.02	23.0	0.0
40	PI/2 BPSK	108	108	21.94	22.01	21.79	23.0	0.0
40	PI/2 BPSK	216	0	22.13	22.21	22.00		
40	QPSK	1	1	22.16	22.25	22.03	23.0	0.0
40	QPSK	1	108	22.18	22.26	22.07		
40	QPSK	1	214	22.11	22.20	22.02		
40	QPSK	108	0	21.74	21.83	21.65	23.0	0.0
40	QPSK	108	54	22.13	22.20	22.00	23.0	0.0
40	QPSK	108	108	21.88	21.96	21.78	23.0	0.0
40	QPSK	216	0	21.90	21.99	21.79		
40	16QAM	1	1	21.82	21.91	21.71	23.0	0.0
40	64QAM	1	1	20.52	20.54	20.40	21.5	1.5
40	256QAM	1	1	18.67	18.65	18.50	19.5	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	22.01	22.13	21.92	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.00	22.12	21.92	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	21.99	22.14	21.94	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	21.98	22.10	21.94	23.0	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	21.99	22.10	21.93	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.06		21.0	0.0
100	PI/2 BPSK	1	137		19.83			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.89		21.0	0.0
100	PI/2 BPSK	135	69		19.98		21.0	0.0
100	PI/2 BPSK	135	138		19.74		21.0	0.0
100	PI/2 BPSK	270	0		19.86			
100	QPSK	1	1		19.98		21.0	0.0
100	QPSK	1	137		19.87			
100	QPSK	1	271		19.74			
100	QPSK	135	0		19.97		21.0	0.0
100	QPSK	135	69		19.91			
100	QPSK	135	138		19.77			
100	QPSK	270	0		19.86		21.0	0.0
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.03		21.0	0.0
100	256QAM	1	1		18.59		19.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.54	19.65	19.46	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.53	19.65	19.42	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.51	19.64	19.46	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.54	19.62	19.46	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.54	19.65	19.44	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.06		21.0	0.0
100	PI/2 BPSK	1	137		19.83			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.89		21.0	0.0
100	PI/2 BPSK	135	69		19.98		21.0	0.0
100	PI/2 BPSK	135	138		19.74		21.0	0.0
100	PI/2 BPSK	270	0		19.86			
100	QPSK	1	1		19.98		21.0	0.0
100	QPSK	1	137		19.87			
100	QPSK	1	271		19.74			
100	QPSK	135	0		19.97		21.0	0.0
100	QPSK	135	69		19.91			
100	QPSK	135	138		19.77			
100	QPSK	270	0		19.86		21.0	0.0
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.03		21.0	0.0
100	256QAM	1	1		18.59		19.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.54	19.65	19.46	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.53	19.65	19.42	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.51	19.64	19.46	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.54	19.62	19.46	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.54	19.65	19.44	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.51	19.62	19.43	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.27	19.37	19.25	21.0	0.0
100	PI/2 BPSK	1	137	19.19	19.32	19.18		
100	PI/2 BPSK	1	271	19.21	19.35	19.21		
100	PI/2 BPSK	135	0	19.18	19.30	19.15	21.0	0.0
100	PI/2 BPSK	135	69	19.20	19.34	19.22	21.0	0.0
100	PI/2 BPSK	135	138	19.13	19.26	19.11	21.0	0.0
100	PI/2 BPSK	270	0	19.15	19.27	19.11		
100	QPSK	1	1	19.26	19.35	19.21	21.0	0.0
100	QPSK	1	137	19.25	19.34	19.20		
100	QPSK	1	271	19.23	19.36	19.23		
100	QPSK	135	0	19.23	19.33	19.17	21.0	0.0
100	QPSK	135	69	19.11	19.23	19.10		
100	QPSK	135	138	19.14	19.26	19.15		
100	QPSK	270	0	19.20	19.28	19.15	21.0	0.0
100	16QAM	1	1	19.19	19.31	19.20	21.0	0.0
100	64QAM	1	1	19.18	19.27	19.16	21.0	0.0
100	256QAM	1	1	18.47	18.59	18.43	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	19.22	19.29	19.15	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	19.18	19.27	19.15	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	19.19	19.30	19.20	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	19.22	19.32	19.15	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	19.20	19.29	19.17	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	19.20	19.31	19.15	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	19.17	19.32	19.19	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	19.19	19.28	19.20	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.27	19.37	19.25	21.0	0.0
100	PI/2 BPSK	1	137	19.19	19.32	19.18		
100	PI/2 BPSK	1	271	19.21	19.35	19.21		
100	PI/2 BPSK	135	0	19.18	19.30	19.15	21.0	0.0
100	PI/2 BPSK	135	69	19.20	19.34	19.22	21.0	0.0
100	PI/2 BPSK	135	138	19.13	19.26	19.11	21.0	0.0
100	PI/2 BPSK	270	0	19.15	19.27	19.11		
100	QPSK	1	1	19.26	19.35	19.21	21.0	0.0
100	QPSK	1	137	19.25	19.34	19.20		
100	QPSK	1	271	19.23	19.36	19.23		
100	QPSK	135	0	19.23	19.33	19.17	21.0	0.0
100	QPSK	135	69	19.11	19.23	19.10		
100	QPSK	135	138	19.14	19.26	19.15		
100	QPSK	270	0	19.20	19.28	19.15	21.0	0.0
100	16QAM	1	1	19.19	19.31	19.20	21.0	0.0
100	64QAM	1	1	19.18	19.27	19.16	21.0	0.0
100	256QAM	1	1	18.47	18.59	18.43	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	19.22	19.29	19.15	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	19.18	19.27	19.15	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	19.19	19.30	19.20	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	19.22	19.32	19.15	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	19.20	19.29	19.17	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	19.20	19.31	19.15	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	19.17	19.32	19.19	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	19.19	19.28	19.20	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.95		21.0	0.0
100	PI/2 BPSK	1	137		19.76			
100	PI/2 BPSK	1	271		19.57			
100	PI/2 BPSK	135	0		19.75		21.0	0.0
100	PI/2 BPSK	135	69		19.81		21.0	0.0
100	PI/2 BPSK	135	138		19.58		21.0	0.0
100	PI/2 BPSK	270	0		19.70			
100	QPSK	1	1		19.82		21.0	0.0
100	QPSK	1	137		19.76			
100	QPSK	1	271		19.56			
100	QPSK	135	0		19.85		21.0	0.0
100	QPSK	135	69		19.73			
100	QPSK	135	138		19.63			
100	QPSK	270	0		19.72		21.0	0.0
100	16QAM	1	1		19.92		21.0	0.0
100	64QAM	1	1		19.94		21.0	0.0
100	256QAM	1	1		18.51		19.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.67	19.76	19.62	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.62	19.78	19.59	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.62	19.76	19.64	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.66	19.79	19.64	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.69	19.80	19.66	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.68	19.73	19.64	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.65	19.71	19.65	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.62	19.74	19.61	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.32		21.0	0.0
100	PI/2 BPSK	1	137		19.28			
100	PI/2 BPSK	1	271		19.11			
100	PI/2 BPSK	135	0		19.17		21.0	0.0
100	PI/2 BPSK	135	69		19.21		21.0	0.0
100	PI/2 BPSK	135	138		19.08		21.0	0.0
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.22		21.0	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.06			
100	QPSK	135	0		19.24		21.0	0.0
100	QPSK	135	69		19.14			
100	QPSK	135	138		19.10			
100	QPSK	270	0		19.12		21.0	0.0
100	16QAM	1	1		19.28		21.0	0.0
100	64QAM	1	1		19.30		21.0	0.0
100	256QAM	1	1		18.17		19.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.14	19.23	19.03	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.12	19.23	19.04	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.09	19.22	19.00	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.12	19.19	19.02	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.13	19.21	19.04	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.10	19.27	19.05	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	19.10	19.23	19.00	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.09	19.18	19.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.83	15.94	15.71	17.0	0.0
20	PI/2 BPSK	1	53	15.67	15.73	15.61		
20	PI/2 BPSK	1	104	15.53	15.65	15.47		
20	PI/2 BPSK	50	0	15.36	15.48	15.24	17.0	0.0
20	PI/2 BPSK	50	28	15.68	15.81	15.57	17.0	0.0
20	PI/2 BPSK	50	56	15.42	15.52	15.28	17.0	0.0
20	PI/2 BPSK	100	0	15.50	15.61	15.39		
20	QPSK	1	1	15.59	15.72	15.48	17.0	0.0
20	QPSK	1	53	15.40	15.51	15.28		
20	QPSK	1	104	15.45	15.57	15.36		
20	QPSK	50	0	15.49	15.61	15.37	17.0	0.0
20	QPSK	50	28	15.43	15.54	15.32	17.0	0.0
20	QPSK	50	56	15.38	15.51	15.30	17.0	0.0
20	QPSK	100	0	15.44	15.56	15.35		
20	16QAM	1	1	15.63	15.75	15.53	17.0	0.0
20	64QAM	1	1	15.64	15.74	15.51	17.0	0.0
20	256QAM	1	1	15.62	15.72	15.48	17.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	15.72	15.84	15.63	17.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	15.70	15.79	15.61	17.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	15.69	15.79	15.61	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.75	21.80	21.66	22.5	0.0
20	PI/2 BPSK	1	53	21.50	21.57	21.45		
20	PI/2 BPSK	1	104	21.64	21.69	21.56		
20	PI/2 BPSK	50	0	21.51	21.59	21.47	22.5	0.0
20	PI/2 BPSK	50	28	21.64	21.71	21.58	22.5	0.0
20	PI/2 BPSK	50	56	21.52	21.57	21.46	22.5	0.0
20	PI/2 BPSK	100	0	21.51	21.58	21.45		
20	QPSK	1	1	21.66	21.74	21.63	22.5	0.0
20	QPSK	1	53	21.52	21.57	21.47		
20	QPSK	1	104	21.57	21.62	21.51		
20	QPSK	50	0	21.56	21.63	21.50	22.5	0.0
20	QPSK	50	28	21.49	21.56	21.43	22.5	0.0
20	QPSK	50	56	21.52	21.57	21.47	22.5	0.0
20	QPSK	100	0	21.53	21.58	21.48		
20	16QAM	1	1	21.68	21.74	21.64	22.5	0.0
20	64QAM	1	1	20.33	20.55	20.41	21.5	1.0
20	256QAM	1	1	18.61	18.82	18.72	19.5	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	21.40	21.45	21.26	22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	21.35	21.46	21.33	22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	21.41	21.43	21.26	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.58	16.71	16.51	17.5	0.0
40	PI/2 BPSK	1	108	16.50	16.59	16.38		
40	PI/2 BPSK	1	214	16.41	16.48	16.29		
40	PI/2 BPSK	108	0	16.36	16.44	16.26	17.5	0.0
40	PI/2 BPSK	108	54	16.57	16.65	16.44	17.5	0.0
40	PI/2 BPSK	108	108	16.53	16.58	16.38	17.5	0.0
40	PI/2 BPSK	216	0	16.45	16.55	16.35		
40	QPSK	1	1	16.44	16.52	16.31	17.5	0.0
40	QPSK	1	108	16.42	16.48	16.28		
40	QPSK	1	214	16.39	16.47	16.27		
40	QPSK	108	0	16.48	16.56	16.36	17.5	0.0
40	QPSK	108	54	16.49	16.57	16.38	17.5	0.0
40	QPSK	108	108	16.46	16.54	16.35	17.5	0.0
40	QPSK	216	0	16.45	16.55	16.37		
40	16QAM	1	1	16.59	16.68	16.50	17.5	0.0
40	64QAM	1	1	16.41	16.51	16.31	17.5	0.0
40	256QAM	1	1	16.62	16.70	16.49	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	16.43	16.61	16.39	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.50	16.64	16.40	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	16.44	16.58	16.36	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	16.47	16.64	16.44	17.5	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	16.50	16.60	16.42	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.98		15.0	0.0
100	PI/2 BPSK	1	137		13.64			
100	PI/2 BPSK	1	271		13.57			
100	PI/2 BPSK	135	0		13.62		15.0	0.0
100	PI/2 BPSK	135	69		13.75		15.0	0.0
100	PI/2 BPSK	135	138		13.54		15.0	0.0
100	PI/2 BPSK	270	0		13.61			
100	QPSK	1	1		13.74		15.0	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.57			
100	QPSK	135	0		13.77		15.0	0.0
100	QPSK	135	69		13.64			
100	QPSK	135	138		13.51			
100	QPSK	270	0		13.64		15.0	0.0
100	16QAM	1	1		13.92		15.0	0.0
100	64QAM	1	1		13.76		15.0	0.0
100	256QAM	1	1		13.95		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.78	13.87	13.63	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.69	13.87	13.63	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.75	13.88	13.63	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.75	13.90	13.64	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.72	13.89	13.64	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.74	13.87	13.66	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.77	13.89	13.66	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.74	13.87	13.67	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.98		15.0	0.0
100	PI/2 BPSK	1	137		13.64			
100	PI/2 BPSK	1	271		13.57			
100	PI/2 BPSK	135	0		13.62		15.0	0.0
100	PI/2 BPSK	135	69		13.75		15.0	0.0
100	PI/2 BPSK	135	138		13.54		15.0	0.0
100	PI/2 BPSK	270	0		13.61			
100	QPSK	1	1		13.74		15.0	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.57			
100	QPSK	135	0		13.77		15.0	0.0
100	QPSK	135	69		13.64			
100	QPSK	135	138		13.51			
100	QPSK	270	0		13.64		15.0	0.0
100	16QAM	1	1		13.92		15.0	0.0
100	64QAM	1	1		13.76		15.0	0.0
100	256QAM	1	1		13.95		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.78	13.87	13.63	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.69	13.87	13.63	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.75	13.88	13.63	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.75	13.90	13.64	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.72	13.89	13.64	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.74	13.87	13.66	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.77	13.89	13.66	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.74	13.87	13.67	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.35	13.50	13.27	15.0	0.0
100	PI/2 BPSK	1	137	13.26	13.43	13.18		
100	PI/2 BPSK	1	271	13.21	13.37	13.17		
100	PI/2 BPSK	135	0	13.12	13.28	13.03	15.0	0.0
100	PI/2 BPSK	135	69	13.22	13.39	13.16	15.0	0.0
100	PI/2 BPSK	135	138	13.11	13.28	13.08	15.0	0.0
100	PI/2 BPSK	270	0	13.08	13.25	13.02		
100	QPSK	1	1	13.20	13.36	13.15	15.0	0.0
100	QPSK	1	137	13.15	13.31	13.10		
100	QPSK	1	271	13.26	13.41	13.16		
100	QPSK	135	0	13.21	13.35	13.11	15.0	0.0
100	QPSK	135	69	13.13	13.28	13.08		
100	QPSK	135	138	13.06	13.23	13.00		
100	QPSK	270	0	13.34	13.48	13.28	15.0	0.0
100	16QAM	1	1	13.21	13.37	13.17	15.0	0.0
100	64QAM	1	1	13.23	13.40	13.15	15.0	0.0
100	256QAM	1	1	13.35	13.49	13.24	15.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	13.27	13.37	13.12	15.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.26	13.36	13.13	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.25	13.39	13.18	15.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.27	13.35	13.16	15.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	13.22	13.43	13.20	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.21	13.40	13.16	15.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	13.25	13.38	13.16	15.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.21	13.43	13.19	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.35	13.50	13.27	15.0	0.0
100	PI/2 BPSK	1	137	13.26	13.43	13.18		
100	PI/2 BPSK	1	271	13.21	13.37	13.17		
100	PI/2 BPSK	135	0	13.12	13.28	13.03	15.0	0.0
100	PI/2 BPSK	135	69	13.22	13.39	13.16	15.0	0.0
100	PI/2 BPSK	135	138	13.11	13.28	13.08	15.0	0.0
100	PI/2 BPSK	270	0	13.08	13.25	13.02		
100	QPSK	1	1	13.20	13.36	13.15	15.0	0.0
100	QPSK	1	137	13.15	13.31	13.10		
100	QPSK	1	271	13.26	13.41	13.16		
100	QPSK	135	0	13.21	13.35	13.11	15.0	0.0
100	QPSK	135	69	13.13	13.28	13.08		
100	QPSK	135	138	13.06	13.23	13.00		
100	QPSK	270	0	13.34	13.48	13.28	15.0	0.0
100	16QAM	1	1	13.21	13.37	13.17	15.0	0.0
100	64QAM	1	1	13.23	13.40	13.15	15.0	0.0
100	256QAM	1	1	13.35	13.49	13.24	15.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	13.27	13.37	13.12	15.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.26	13.36	13.13	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.25	13.39	13.18	15.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.27	13.35	13.16	15.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	13.22	13.43	13.20	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.21	13.40	13.16	15.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	13.25	13.38	13.16	15.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.21	13.43	13.19	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.90		15.0	0.0
100	PI/2 BPSK	1	137		13.72			
100	PI/2 BPSK	1	271		13.55			
100	PI/2 BPSK	135	0		13.75		15.0	0.0
100	PI/2 BPSK	135	69		13.79		15.0	0.0
100	PI/2 BPSK	135	138		13.60		15.0	0.0
100	PI/2 BPSK	270	0		13.61			
100	QPSK	1	1		13.83		15.0	0.0
100	QPSK	1	137		13.65			
100	QPSK	1	271		13.55			
100	QPSK	135	0		13.75		15.0	0.0
100	QPSK	135	69		13.68			
100	QPSK	135	138		13.55			
100	QPSK	270	0		13.62		15.0	0.0
100	16QAM	1	1		13.84		15.0	0.0
100	64QAM	1	1		13.89		15.0	0.0
100	256QAM	1	1		13.78		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.67	13.73	13.54	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.57	13.74	13.50	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.66	13.72	13.58	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.62	13.71	13.50	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.58	13.75	13.50	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.60	13.76	13.52	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.64	13.80	13.60	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.61	13.78	13.52	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.49		15.0	0.0
100	PI/2 BPSK	1	137		13.41			
100	PI/2 BPSK	1	271		13.28			
100	PI/2 BPSK	135	0		13.35		15.0	0.0
100	PI/2 BPSK	135	69		13.36		15.0	0.0
100	PI/2 BPSK	135	138		13.16		15.0	0.0
100	PI/2 BPSK	270	0		13.28			
100	QPSK	1	1		13.41		15.0	0.0
100	QPSK	1	137		13.37			
100	QPSK	1	271		13.29			
100	QPSK	135	0		13.34		15.0	0.0
100	QPSK	135	69		13.33			
100	QPSK	135	138		13.18			
100	QPSK	270	0		13.31		15.0	0.0
100	16QAM	1	1		13.44		15.0	0.0
100	64QAM	1	1		13.48		15.0	0.0
100	256QAM	1	1		13.32		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.15	13.34	13.04	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.16	13.26	13.07	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.15	13.24	13.05	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.22	13.30	13.03	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.19	13.29	13.05	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.16	13.27	13.05	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	13.16	13.27	13.09	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.21	13.24	13.06	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.18		14.0	0.0
100	PI/2 BPSK	1	137		13.06			
100	PI/2 BPSK	1	271		13.08			
100	PI/2 BPSK	135	0		13.06		14.0	0.0
100	PI/2 BPSK	135	69		13.12		14.0	0.0
100	PI/2 BPSK	135	138		12.94		14.0	0.0
100	PI/2 BPSK	270	0		13.06			
100	QPSK	1	1		13.04		14.0	0.0
100	QPSK	1	137		13.00			
100	QPSK	1	271		13.06			
100	QPSK	135	0		13.00		14.0	0.0
100	QPSK	135	69		13.07			
100	QPSK	135	138		12.94			
100	QPSK	270	0		12.99		14.0	0.0
100	16QAM	1	1		13.08		14.0	0.0
100	64QAM	1	1		13.09		14.0	0.0
100	256QAM	1	1		13.10		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	12.94	13.07	13.02	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	12.99	13.09	13.06	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.01	13.05	13.04	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.01	13.06	13.04	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	12.98	13.13	13.06	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.02	13.11	13.09	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	12.94	13.12	13.08	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	12.98	13.10	13.05	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.20	13.28	13.10	14.0	0.0
100	PI/2 BPSK	1	137	13.11	13.20	13.05		
100	PI/2 BPSK	1	271	13.07	13.13	12.96		
100	PI/2 BPSK	135	0	13.12	13.21	13.02	14.0	0.0
100	PI/2 BPSK	135	69	13.13	13.23	13.03	14.0	0.0
100	PI/2 BPSK	135	138	13.08	13.17	13.01	14.0	0.0
100	PI/2 BPSK	270	0	13.09	13.18	13.00		
100	QPSK	1	1	13.15	13.21	13.01	14.0	0.0
100	QPSK	1	137	13.08	13.14	12.96		
100	QPSK	1	271	13.05	13.10	12.95		
100	QPSK	135	0	13.11	13.17	13.02	14.0	0.0
100	QPSK	135	69	13.12	13.19	12.99		
100	QPSK	135	138	13.04	13.10	12.94		
100	QPSK	270	0	13.09	13.17	12.98	14.0	0.0
100	16QAM	1	1	13.12	13.21	13.06	14.0	0.0
100	64QAM	1	1	13.19	13.25	13.06	14.0	0.0
100	256QAM	1	1	13.19	13.24	13.08	14.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	13.15	13.18	13.00	14.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.10	13.16	13.00	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.11	13.20	13.00	14.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.11	13.17	12.98	14.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	13.12	13.19	13.02	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.14	13.19	13.04	14.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	13.15	13.22	13.03	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.08	13.18	13.02	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.96		14.0	0.0
100	PI/2 BPSK	1	137		12.87			
100	PI/2 BPSK	1	271		12.87			
100	PI/2 BPSK	135	0		12.88		14.0	0.0
100	PI/2 BPSK	135	69		12.89		14.0	0.0
100	PI/2 BPSK	135	138		12.72		14.0	0.0
100	PI/2 BPSK	270	0		12.90			
100	QPSK	1	1		12.88		14.0	0.0
100	QPSK	1	137		12.81			
100	QPSK	1	271		12.87			
100	QPSK	135	0		12.83		14.0	0.0
100	QPSK	135	69		12.88			
100	QPSK	135	138		12.73			
100	QPSK	270	0		12.76		14.0	0.0
100	16QAM	1	1		12.89		14.0	0.0
100	64QAM	1	1		12.90		14.0	0.0
100	256QAM	1	1		12.92		14.0	0.0
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	12.76	12.86	12.86	14.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	12.74	12.89	12.79	14.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	12.79	12.92	12.87	14.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	12.79	12.86	12.81	14.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	12.78	12.86	12.84	14.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	12.74	12.90	12.81	14.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	12.73	12.89	12.80	14.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	12.76	12.89	12.80	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.05		14.0	0.0
100	PI/2 BPSK	1	137		12.97			
100	PI/2 BPSK	1	271		12.95			
100	PI/2 BPSK	135	0		12.98		14.0	0.0
100	PI/2 BPSK	135	69		12.99		14.0	0.0
100	PI/2 BPSK	135	138		12.78		14.0	0.0
100	PI/2 BPSK	270	0		12.97			
100	QPSK	1	1		12.98		14.0	0.0
100	QPSK	1	137		12.88			
100	QPSK	1	271		12.99			
100	QPSK	135	0		12.89		14.0	0.0
100	QPSK	135	69		12.95			
100	QPSK	135	138		12.81			
100	QPSK	270	0		12.87		14.0	0.0
100	16QAM	1	1		12.99		14.0	0.0
100	64QAM	1	1		12.99		14.0	0.0
100	256QAM	1	1		13.04		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.85	12.93	12.93	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.89	12.98	12.96	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.89	13.01	12.99	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.84	12.94	12.98	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.90	12.97	12.96	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.88	12.95	13.01	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.83	12.95	13.01	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.90	13.01	12.98	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.02		11.0	0.0
100	PI/2 BPSK	1	137		10.00			
100	PI/2 BPSK	1	271		10.01			
100	PI/2 BPSK	135	0		9.92		11.0	0.0
100	PI/2 BPSK	135	69		9.99		11.0	0.0
100	PI/2 BPSK	135	138		9.97		11.0	0.0
100	PI/2 BPSK	270	0		9.95			
100	QPSK	1	1		9.99		11.0	0.0
100	QPSK	1	137		9.98			
100	QPSK	1	271		9.98			
100	QPSK	135	0		9.87		11.0	0.0
100	QPSK	135	69		9.96			
100	QPSK	135	138		9.92			
100	QPSK	270	0		9.93		11.0	0.0
100	16QAM	1	1		9.94		11.0	0.0
100	64QAM	1	1		9.93		11.0	0.0
100	256QAM	1	1		9.92		11.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	9.97	9.94	9.95	11.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	9.94	9.93	9.94	11.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	9.95	9.93	9.90	11.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	9.99	9.96	9.89	11.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	9.93	9.93	9.89	11.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	9.95	9.90	9.95	11.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	9.95	9.94	9.92	11.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	9.95	9.88	9.96	11.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.00	10.04	9.92	11.0	0.0
100	PI/2 BPSK	1	137	9.86	9.91	9.77		
100	PI/2 BPSK	1	271	9.89	9.90	9.82		
100	PI/2 BPSK	135	0	9.89	9.90	9.78	11.0	0.0
100	PI/2 BPSK	135	69	9.94	9.97	9.89	11.0	0.0
100	PI/2 BPSK	135	138	9.74	9.77	9.67	11.0	0.0
100	PI/2 BPSK	270	0	9.91	9.92	9.77		
100	QPSK	1	1	9.84	9.89	9.79	11.0	0.0
100	QPSK	1	137	9.83	9.88	9.74		
100	QPSK	1	271	9.84	9.87	9.78		
100	QPSK	135	0	9.86	9.88	9.76	11.0	0.0
100	QPSK	135	69	9.86	9.90	9.82		
100	QPSK	135	138	9.73	9.75	9.65		
100	QPSK	270	0	9.78	9.83	9.75	11.0	0.0
100	16QAM	1	1	9.84	9.87	9.73	11.0	0.0
100	64QAM	1	1	9.71	9.75	9.67	11.0	0.0
100	256QAM	1	1	9.82	9.85	9.77	11.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	9.97	9.99	9.86	11.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	9.92	9.96	9.86	11.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	9.97	9.96	9.86	11.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	9.90	9.98	9.85	11.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	9.91	9.94	9.83	11.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	9.97	9.94	9.87	11.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	9.96	9.94	9.87	11.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	9.91	10.00	9.89	11.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		9.98		11.0	0.0
100	PI/2 BPSK	1	137		9.94			
100	PI/2 BPSK	1	271		9.95			
100	PI/2 BPSK	135	0		9.87		11.0	0.0
100	PI/2 BPSK	135	69		9.94		11.0	0.0
100	PI/2 BPSK	135	138		9.90		11.0	0.0
100	PI/2 BPSK	270	0		9.92			
100	QPSK	1	1		9.92		11.0	0.0
100	QPSK	1	137		9.91			
100	QPSK	1	271		9.95			
100	QPSK	135	0		9.79		11.0	0.0
100	QPSK	135	69		9.89			
100	QPSK	135	138		9.88			
100	QPSK	270	0		9.86		11.0	0.0
100	16QAM	1	1		9.86		11.0	0.0
100	64QAM	1	1		9.86		11.0	0.0
100	256QAM	1	1		9.87		11.0	0.0
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	9.93	9.89	9.93	11.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	9.93	9.90	9.90	11.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	9.93	9.91	9.92	11.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	9.93	9.93	9.92	11.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	9.92	9.92	9.93	11.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	9.92	9.93	9.90	11.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	9.96	9.90	9.92	11.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	9.96	9.90	9.91	11.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		9.96		11.0	0.0
100	PI/2 BPSK	1	137		9.84			
100	PI/2 BPSK	1	271		9.84			
100	PI/2 BPSK	135	0		9.85		11.0	0.0
100	PI/2 BPSK	135	69		9.94		11.0	0.0
100	PI/2 BPSK	135	138		9.74		11.0	0.0
100	PI/2 BPSK	270	0		9.84			
100	QPSK	1	1		9.85		11.0	0.0
100	QPSK	1	137		9.84			
100	QPSK	1	271		9.83			
100	QPSK	135	0		9.81		11.0	0.0
100	QPSK	135	69		9.83			
100	QPSK	135	138		9.71			
100	QPSK	270	0		9.80		11.0	0.0
100	16QAM	1	1		9.84		11.0	0.0
100	64QAM	1	1		9.70		11.0	0.0
100	256QAM	1	1		9.80		11.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	9.86	9.89	9.77	11.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	9.86	9.88	9.74	11.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	9.86	9.89	9.76	11.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	9.86	9.91	9.77	11.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	9.85	9.91	9.78	11.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	9.89	9.87	9.76	11.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	9.89	9.91	9.74	11.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	9.87	9.87	9.77	11.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.54	15.65	15.46	16.5	0.0
20	PI/2 BPSK	1	53	15.36	15.42	15.28		
20	PI/2 BPSK	1	104	15.26	15.32	15.19		
20	PI/2 BPSK	50	0	15.20	15.29	15.15	16.5	0.0
20	PI/2 BPSK	50	28	15.36	15.41	15.29	16.5	0.0
20	PI/2 BPSK	50	56	15.31	15.38	15.28	16.5	0.0
20	PI/2 BPSK	100	0	15.25	15.32	15.21		
20	QPSK	1	1	15.47	15.52	15.34	16.5	0.0
20	QPSK	1	53	15.18	15.28	15.10		
20	QPSK	1	104	15.29	15.36	15.23		
20	QPSK	50	0	15.36	15.41	15.31	16.5	0.0
20	QPSK	50	28	15.21	15.28	15.14	16.5	0.0
20	QPSK	50	56	15.18	15.28	15.10	16.5	0.0
20	QPSK	100	0	15.28	15.34	15.17		
20	16QAM	1	1	15.48	15.56	15.44	16.5	0.0
20	64QAM	1	1	15.44	15.51	15.38	16.5	0.0
20	256QAM	1	1	15.54	15.60	15.48	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	15.41	15.51	15.42	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	15.41	15.54	15.43	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	15.39	15.52	15.40	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.09	19.29	19.16	20.0	0.0
20	PI/2 BPSK	1	53	18.97	19.04	19.01		
20	PI/2 BPSK	1	104	18.96	19.10	19.08		
20	PI/2 BPSK	50	0	18.88	18.99	18.94	20.0	0.0
20	PI/2 BPSK	50	28	19.00	19.25	19.06	20.0	0.0
20	PI/2 BPSK	50	56	18.89	19.02	18.98	20.0	0.0
20	PI/2 BPSK	100	0	18.93	19.10	18.96		
20	QPSK	1	1	19.06	19.15	19.14	20.0	0.0
20	QPSK	1	53	18.85	18.99	18.94		
20	QPSK	1	104	18.97	19.04	19.03		
20	QPSK	50	0	19.00	19.09	19.06	20.0	0.0
20	QPSK	50	28	18.83	18.96	18.91	20.0	0.0
20	QPSK	50	56	18.87	19.00	18.96	20.0	0.0
20	QPSK	100	0	18.91	19.02	19.01		
20	16QAM	1	1	19.02	19.15	19.10	20.0	0.0
20	64QAM	1	1	19.09	19.17	19.12	20.0	0.0
20	256QAM	1	1	18.61	18.82	18.72	19.5	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	18.98	19.08	19.06	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	19.02	19.04	19.07	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	18.99	19.00	19.07	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.94	22.02	21.88	23.0	0.0
20	PI/2 BPSK	1	53	21.82	21.85	21.75		
20	PI/2 BPSK	1	104	21.64	21.70	21.57		
20	PI/2 BPSK	50	0	21.74	21.82	21.69	23.0	0.0
20	PI/2 BPSK	50	28	21.82	22.00	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.63	21.71	21.64	23.0	0.0
20	PI/2 BPSK	100	0	21.80	21.94	21.74		
20	QPSK	1	1	21.90	21.94	21.82	23.0	0.0
20	QPSK	1	53	21.73	21.79	21.69		
20	QPSK	1	104	21.54	21.61	21.48		
20	QPSK	50	0	21.81	21.88	21.74	23.0	0.0
20	QPSK	50	28	21.75	21.81	21.72	23.0	0.0
20	QPSK	50	56	21.64	21.72	21.60	23.0	0.0
20	QPSK	100	0	21.74	21.81	21.70		
20	16QAM	1	1	21.86	21.93	21.83	23.0	0.0
20	64QAM	1	1	20.91	20.94	20.88	22.0	1.0
20	256QAM	1	1	19.28	19.33	19.20	20.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.82	21.85	21.78	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.79	21.91	21.74	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	21.80	21.84	21.81	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.08	15.17	15.01	16.0	0.0
40	PI/2 BPSK	1	108	14.97	15.07	14.91		
40	PI/2 BPSK	1	214	15.05	15.12	14.95		
40	PI/2 BPSK	108	0	14.94	15.05	14.90	16.0	0.0
40	PI/2 BPSK	108	54	15.01	15.15	14.96	16.0	0.0
40	PI/2 BPSK	108	108	14.99	15.07	14.92	16.0	0.0
40	PI/2 BPSK	216	0	15.07	15.14	14.98		
40	QPSK	1	1	15.06	15.16	15.03	16.0	0.0
40	QPSK	1	108	14.93	15.02	14.88		
40	QPSK	1	214	14.91	15.00	14.86		
40	QPSK	108	0	14.92	15.03	14.90	16.0	0.0
40	QPSK	108	54	15.07	15.15	15.03	16.0	0.0
40	QPSK	108	108	15.02	15.11	14.99	16.0	0.0
40	QPSK	216	0	15.04	15.14	14.98		
40	16QAM	1	1	14.85	14.90	14.82	16.0	0.0
40	64QAM	1	1	14.92	15.01	14.86	16.0	0.0
40	256QAM	1	1	14.88	14.95	14.81	16.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	14.99	15.05	14.93	16.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	14.98	15.06	14.91	16.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	14.93	15.05	14.88	16.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	14.93	15.06	14.87	16.0	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	15.00	15.08	14.90	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.61	21.74	21.59	22.5	0.0
40	PI/2 BPSK	1	108	21.59	21.71	21.57		
40	PI/2 BPSK	1	214	21.57	21.70	21.56		
40	PI/2 BPSK	108	0	21.41	21.56	21.40	22.5	0.0
40	PI/2 BPSK	108	54	21.53	21.68	21.50	22.5	0.0
40	PI/2 BPSK	108	108	21.39	21.52	21.38	22.5	0.0
40	PI/2 BPSK	216	0	21.49	21.60	21.45		
40	QPSK	1	1	21.56	21.70	21.54	22.5	0.0
40	QPSK	1	108	21.47	21.61	21.45		
40	QPSK	1	214	21.43	21.59	21.44		
40	QPSK	108	0	21.44	21.58	21.43	22.5	0.0
40	QPSK	108	54	21.53	21.66	21.51	22.5	0.0
40	QPSK	108	108	21.57	21.71	21.57	22.5	0.0
40	QPSK	216	0	21.48	21.61	21.45		
40	16QAM	1	1	21.52	21.63	21.49	22.5	0.0
40	64QAM	1	1	20.52	20.54	20.40	21.5	1.0
40	256QAM	1	1	18.67	18.65	18.50	19.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	21.53	21.67	21.46	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	21.47	21.64	21.45	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	21.51	21.61	21.50	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	21.52	21.59	21.49	22.5	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	21.49	21.60	21.45	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.88		12.0	0.0
100	PI/2 BPSK	1	137		10.67			
100	PI/2 BPSK	1	271		10.52			
100	PI/2 BPSK	135	0		10.61		12.0	0.0
100	PI/2 BPSK	135	69		10.74		12.0	0.0
100	PI/2 BPSK	135	138		10.55		12.0	0.0
100	PI/2 BPSK	270	0		10.64			
100	QPSK	1	1		10.79		12.0	0.0
100	QPSK	1	137		10.58			
100	QPSK	1	271		10.52			
100	QPSK	135	0		10.74		12.0	0.0
100	QPSK	135	69		10.72			
100	QPSK	135	138		10.52			
100	QPSK	270	0		10.65		12.0	0.0
100	16QAM	1	1		10.87		12.0	0.0
100	64QAM	1	1		10.80		12.0	0.0
100	256QAM	1	1		10.85		12.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	10.63	10.75	10.58	12.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	10.65	10.78	10.54	12.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	10.60	10.72	10.55	12.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	10.58	10.73	10.62	12.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	10.58	10.77	10.57	12.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	10.67	10.70	10.57	12.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	10.67	10.74	10.54	12.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	10.68	10.72	10.56	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.88		12.0	0.0
100	PI/2 BPSK	1	137		10.67			
100	PI/2 BPSK	1	271		10.52			
100	PI/2 BPSK	135	0		10.61		12.0	0.0
100	PI/2 BPSK	135	69		10.74		12.0	0.0
100	PI/2 BPSK	135	138		10.55		12.0	0.0
100	PI/2 BPSK	270	0		10.64			
100	QPSK	1	1		10.79		12.0	0.0
100	QPSK	1	137		10.58			
100	QPSK	1	271		10.52			
100	QPSK	135	0		10.74		12.0	0.0
100	QPSK	135	69		10.72			
100	QPSK	135	138		10.52			
100	QPSK	270	0		10.65		12.0	0.0
100	16QAM	1	1		10.87		12.0	0.0
100	64QAM	1	1		10.80		12.0	0.0
100	256QAM	1	1		10.85		12.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	10.63	10.75	10.58	12.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	10.65	10.78	10.54	12.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	10.60	10.72	10.55	12.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	10.58	10.73	10.62	12.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	10.58	10.77	10.57	12.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	10.67	10.70	10.57	12.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	10.67	10.74	10.54	12.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	10.68	10.72	10.56	12.0	0.0

Part 27O n77_Ant 4 DSI3 Sim-Tx

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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.46	10.55	10.38	12.0	0.0
100	PI/2 BPSK	1	137	10.19	10.29	10.12		
100	PI/2 BPSK	1	271	10.34	10.44	10.28		
100	PI/2 BPSK	135	0	10.21	10.28	10.12	12.0	0.0
100	PI/2 BPSK	135	69	10.22	10.30	10.19	12.0	0.0
100	PI/2 BPSK	135	138	10.13	10.21	10.06	12.0	0.0
100	PI/2 BPSK	270	0	10.16	10.24	10.06		
100	QPSK	1	1	10.22	10.31	10.14	12.0	0.0
100	QPSK	1	137	10.18	10.27	10.08		
100	QPSK	1	271	10.36	10.46	10.31		
100	QPSK	135	0	10.19	10.28	10.11	12.0	0.0
100	QPSK	135	69	10.14	10.23	10.05		
100	QPSK	135	138	10.13	10.21	10.06		
100	QPSK	270	0	10.17	10.25	10.06	12.0	0.0
100	16QAM	1	1	10.37	10.45	10.27	12.0	0.0
100	64QAM	1	1	10.19	10.29	10.13	12.0	0.0
100	256QAM	1	1	10.39	10.48	10.31	12.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	10.31	10.41	10.30	12.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	10.32	10.47	10.31	12.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	10.38	10.41	10.25	12.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	10.36	10.45	10.27	12.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	10.31	10.45	10.28	12.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	10.36	10.45	10.27	12.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	10.33	10.43	10.25	12.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	10.38	10.40	10.26	12.0	0.0

Part 27O n77_Ant 4(HPUE) DSI3 Sim-Tx

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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.46	10.55	10.38	12.0	0.0
100	PI/2 BPSK	1	137	10.19	10.29	10.12		
100	PI/2 BPSK	1	271	10.34	10.44	10.28		
100	PI/2 BPSK	135	0	10.21	10.28	10.12	12.0	0.0
100	PI/2 BPSK	135	69	10.22	10.30	10.19	12.0	0.0
100	PI/2 BPSK	135	138	10.13	10.21	10.06	12.0	0.0
100	PI/2 BPSK	270	0	10.16	10.24	10.06		
100	QPSK	1	1	10.22	10.31	10.14	12.0	0.0
100	QPSK	1	137	10.18	10.27	10.08		
100	QPSK	1	271	10.36	10.46	10.31		
100	QPSK	135	0	10.19	10.28	10.11	12.0	0.0
100	QPSK	135	69	10.14	10.23	10.05		
100	QPSK	135	138	10.13	10.21	10.06		
100	QPSK	270	0	10.17	10.25	10.06	12.0	0.0
100	16QAM	1	1	10.37	10.45	10.27	12.0	0.0
100	64QAM	1	1	10.19	10.29	10.13	12.0	0.0
100	256QAM	1	1	10.39	10.48	10.31	12.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	10.31	10.41	10.30	12.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	10.32	10.47	10.31	12.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	10.38	10.41	10.25	12.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	10.36	10.45	10.27	12.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	10.31	10.45	10.28	12.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	10.36	10.45	10.27	12.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	10.33	10.43	10.25	12.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	10.38	10.40	10.26	12.0	0.0

Part27Q n78_Ant 4 DSI3 Sim-Tx

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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.77		12.0	0.0
100	PI/2 BPSK	1	137		10.65			
100	PI/2 BPSK	1	271		10.49			
100	PI/2 BPSK	135	0		10.54		12.0	0.0
100	PI/2 BPSK	135	69		10.68		12.0	0.0
100	PI/2 BPSK	135	138		10.45		12.0	0.0
100	PI/2 BPSK	270	0		10.56			
100	QPSK	1	1		10.70		12.0	0.0
100	QPSK	1	137		10.61			
100	QPSK	1	271		10.45			
100	QPSK	135	0		10.68		12.0	0.0
100	QPSK	135	69		10.59			
100	QPSK	135	138		10.48			
100	QPSK	270	0		10.59		12.0	0.0
100	16QAM	1	1		10.76		12.0	0.0
100	64QAM	1	1		10.70		12.0	0.0
100	256QAM	1	1		10.61		12.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	10.57	10.62	10.48	12.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	10.52	10.65	10.51	12.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	10.55	10.66	10.48	12.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	10.50	10.69	10.48	12.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	10.52	10.66	10.52	12.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	10.54	10.66	10.48	12.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	10.56	10.64	10.45	12.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	10.57	10.70	10.47	12.0	0.0

Part27O n78_Ant 4 DSI3 Sim-Tx

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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.54		12.0	0.0
100	PI/2 BPSK	1	137		10.40			
100	PI/2 BPSK	1	271		10.35			
100	PI/2 BPSK	135	0		10.41		12.0	0.0
100	PI/2 BPSK	135	69		10.45		12.0	0.0
100	PI/2 BPSK	135	138		10.28		12.0	0.0
100	PI/2 BPSK	270	0		10.41			
100	QPSK	1	1		10.47		12.0	0.0
100	QPSK	1	137		10.41			
100	QPSK	1	271		10.38			
100	QPSK	135	0		10.45		12.0	0.0
100	QPSK	135	69		10.38			
100	QPSK	135	138		10.27			
100	QPSK	270	0		10.42		12.0	0.0
100	16QAM	1	1		10.53		12.0	0.0
100	64QAM	1	1		10.51		12.0	0.0
100	256QAM	1	1		10.38		12.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	10.19	10.50	10.13	12.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	10.23	10.46	10.18	12.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	10.24	10.46	10.16	12.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	10.20	10.52	10.16	12.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	10.23	10.52	10.14	12.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	10.22	10.49	10.21	12.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	10.24	10.44	10.20	12.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	10.24	10.47	10.15	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		9.74		10.5	0.0
100	PI/2 BPSK	1	137		9.64			
100	PI/2 BPSK	1	271		9.69			
100	PI/2 BPSK	135	0		9.61		10.5	0.0
100	PI/2 BPSK	135	69		9.67		10.5	0.0
100	PI/2 BPSK	135	138		9.56		10.5	0.0
100	PI/2 BPSK	270	0		9.63			
100	QPSK	1	1		9.67		10.5	0.0
100	QPSK	1	137		9.57			
100	QPSK	1	271		9.67			
100	QPSK	135	0		9.56		10.5	0.0
100	QPSK	135	69		9.64			
100	QPSK	135	138		9.52			
100	QPSK	270	0		9.60		10.5	0.0
100	16QAM	1	1		9.71		10.5	0.0
100	64QAM	1	1		9.69		10.5	0.0
100	256QAM	1	1		9.72		10.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	9.57	9.68	9.65	10.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	9.47	9.58	9.58	10.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	9.45	9.62	9.60	10.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	9.52	9.59	9.54	10.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	9.47	9.63	9.55	10.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	9.48	9.57	9.56	10.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	9.46	9.56	9.53	10.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	9.50	9.62	9.53	10.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	9.58	9.67	9.49	10.5	0.0
100	PI/2 BPSK	1	137	9.45	9.54	9.43		
100	PI/2 BPSK	1	271	9.41	9.46	9.31		
100	PI/2 BPSK	135	0	9.45	9.58	9.40	10.5	0.0
100	PI/2 BPSK	135	69	9.47	9.61	9.43	10.5	0.0
100	PI/2 BPSK	135	138	9.46	9.54	9.38	10.5	0.0
100	PI/2 BPSK	270	0	9.46	9.52	9.35		
100	QPSK	1	1	9.48	9.55	9.40	10.5	0.0
100	QPSK	1	137	9.42	9.54	9.34		
100	QPSK	1	271	9.42	9.49	9.31		
100	QPSK	135	0	9.46	9.52	9.42	10.5	0.0
100	QPSK	135	69	9.45	9.58	9.36		
100	QPSK	135	138	9.42	9.48	9.27		
100	QPSK	270	0	9.48	9.53	9.33	10.5	0.0
100	16QAM	1	1	9.49	9.61	9.41	10.5	0.0
100	64QAM	1	1	9.54	9.59	9.45	10.5	0.0
100	256QAM	1	1	9.54	9.60	9.41	10.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	9.45	9.62	9.39	10.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	9.45	9.57	9.37	10.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	9.50	9.61	9.39	10.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	9.45	9.58	9.36	10.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	9.52	9.56	9.36	10.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	9.52	9.56	9.39	10.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	9.53	9.58	9.36	10.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	9.49	9.54	9.44	10.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		9.44		10.5	0.0
100	PI/2 BPSK	1	137		9.34			
100	PI/2 BPSK	1	271		9.40			
100	PI/2 BPSK	135	0		9.39		10.5	0.0
100	PI/2 BPSK	135	69		9.40		10.5	0.0
100	PI/2 BPSK	135	138		9.20		10.5	0.0
100	PI/2 BPSK	270	0		9.37			
100	QPSK	1	1		9.40		10.5	0.0
100	QPSK	1	137		9.30			
100	QPSK	1	271		9.37			
100	QPSK	135	0		9.29		10.5	0.0
100	QPSK	135	69		9.36			
100	QPSK	135	138		9.19			
100	QPSK	270	0		9.27		10.5	0.0
100	16QAM	1	1		9.41		10.5	0.0
100	64QAM	1	1		9.43		10.5	0.0
100	256QAM	1	1		9.42		10.5	0.0
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	9.14	9.30	9.25	10.5	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	9.20	9.28	9.26	10.5	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	9.21	9.29	9.27	10.5	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	9.21	9.27	9.24	10.5	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	9.18	9.27	9.30	10.5	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	9.15	9.25	9.26	10.5	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	9.20	9.30	9.29	10.5	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	9.21	9.24	9.31	10.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		9.65		10.5	0.0
100	PI/2 BPSK	1	137		9.52			
100	PI/2 BPSK	1	271		9.55			
100	PI/2 BPSK	135	0		9.58		10.5	0.0
100	PI/2 BPSK	135	69		9.60		10.5	0.0
100	PI/2 BPSK	135	138		9.37		10.5	0.0
100	PI/2 BPSK	270	0		9.52			
100	QPSK	1	1		9.61		10.5	0.0
100	QPSK	1	137		9.52			
100	QPSK	1	271		9.59			
100	QPSK	135	0		9.45		10.5	0.0
100	QPSK	135	69		9.52			
100	QPSK	135	138		9.37			
100	QPSK	270	0		9.46		10.5	0.0
100	16QAM	1	1		9.58		10.5	0.0
100	64QAM	1	1		9.61		10.5	0.0
100	256QAM	1	1		9.64		10.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	9.33	9.52	9.47	10.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	9.31	9.53	9.47	10.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	9.33	9.48	9.43	10.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	9.32	9.53	9.43	10.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	9.39	9.49	9.44	10.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	9.35	9.49	9.50	10.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	9.31	9.54	9.43	10.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	9.34	9.47	9.48	10.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		7.05		8.0	0.0
100	PI/2 BPSK	1	137		6.97			
100	PI/2 BPSK	1	271		7.03			
100	PI/2 BPSK	135	0		6.93		8.0	0.0
100	PI/2 BPSK	135	69		7.02		8.0	0.0
100	PI/2 BPSK	135	138		7.00		8.0	0.0
100	PI/2 BPSK	270	0		6.96			
100	QPSK	1	1		6.99		8.0	0.0
100	QPSK	1	137		6.96			
100	QPSK	1	271		7.01			
100	QPSK	135	0		6.86		8.0	0.0
100	QPSK	135	69		6.93			
100	QPSK	135	138		6.91			
100	QPSK	270	0		6.93		8.0	0.0
100	16QAM	1	1		6.92		8.0	0.0
100	64QAM	1	1		6.90		8.0	0.0
100	256QAM	1	1		6.90		8.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	6.94	6.97	6.97	8.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	6.95	6.93	6.98	8.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	6.96	6.94	6.93	8.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	6.98	6.95	6.96	8.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	7.00	6.96	6.94	8.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	6.99	6.95	6.95	8.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	6.95	6.97	6.97	8.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	6.99	6.96	6.97	8.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	6.92	6.96	6.82	8.0	0.0
100	PI/2 BPSK	1	137	6.74	6.78	6.70		
100	PI/2 BPSK	1	271	6.82	6.79	6.74		
100	PI/2 BPSK	135	0	6.79	6.81	6.71	8.0	0.0
100	PI/2 BPSK	135	69	6.80	6.86	6.80	8.0	0.0
100	PI/2 BPSK	135	138	6.63	6.68	6.58	8.0	0.0
100	PI/2 BPSK	270	0	6.79	6.83	6.65		
100	QPSK	1	1	6.73	6.79	6.67	8.0	0.0
100	QPSK	1	137	6.72	6.79	6.65		
100	QPSK	1	271	6.77	6.80	6.70		
100	QPSK	135	0	6.79	6.77	6.64	8.0	0.0
100	QPSK	135	69	6.74	6.83	6.75		
100	QPSK	135	138	6.66	6.67	6.56		
100	QPSK	270	0	6.65	6.72	6.64	8.0	0.0
100	16QAM	1	1	6.75	6.75	6.66	8.0	0.0
100	64QAM	1	1	6.61	6.68	6.60	8.0	0.0
100	256QAM	1	1	6.70	6.74	6.69	8.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	6.90	6.91	6.79	8.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	6.82	6.89	6.76	8.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	6.89	6.90	6.79	8.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	6.83	6.88	6.80	8.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	6.88	6.94	6.76	8.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	6.90	6.92	6.78	8.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	6.82	6.86	6.80	8.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	6.86	6.91	6.77	8.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		6.97		8.0	0.0
100	PI/2 BPSK	1	137		6.93			
100	PI/2 BPSK	1	271		6.94			
100	PI/2 BPSK	135	0		6.89		8.0	0.0
100	PI/2 BPSK	135	69		6.92		8.0	0.0
100	PI/2 BPSK	135	138		6.91		8.0	0.0
100	PI/2 BPSK	270	0		6.89			
100	QPSK	1	1		6.92		8.0	0.0
100	QPSK	1	137		6.91			
100	QPSK	1	271		6.96			
100	QPSK	135	0		6.79		8.0	0.0
100	QPSK	135	69		6.91			
100	QPSK	135	138		6.87			
100	QPSK	270	0		6.86		8.0	0.0
100	16QAM	1	1		6.89		8.0	0.0
100	64QAM	1	1		6.89		8.0	0.0
100	256QAM	1	1		6.89		8.0	0.0
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	6.89	6.85	6.88	8.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	6.87	6.83	6.83	8.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	6.90	6.82	6.83	8.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	6.90	6.81	6.85	8.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	6.84	6.82	6.84	8.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	6.89	6.87	6.83	8.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	6.86	6.83	6.83	8.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	6.84	6.87	6.85	8.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		6.89		8.0	0.0
100	PI/2 BPSK	1	137		6.71			
100	PI/2 BPSK	1	271		6.72			
100	PI/2 BPSK	135	0		6.77		8.0	0.0
100	PI/2 BPSK	135	69		6.82		8.0	0.0
100	PI/2 BPSK	135	138		6.64		8.0	0.0
100	PI/2 BPSK	270	0		6.72			
100	QPSK	1	1		6.74		8.0	0.0
100	QPSK	1	137		6.71			
100	QPSK	1	271		6.73			
100	QPSK	135	0		6.70		8.0	0.0
100	QPSK	135	69		6.74			
100	QPSK	135	138		6.60			
100	QPSK	270	0		6.71		8.0	0.0
100	16QAM	1	1		6.77		8.0	0.0
100	64QAM	1	1		6.61		8.0	0.0
100	256QAM	1	1		6.67		8.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	6.67	6.67	6.71	8.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	6.72	6.72	6.67	8.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	6.71	6.68	6.71	8.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	6.72	6.67	6.63	8.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	6.64	6.67	6.69	8.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	6.71	6.71	6.70	8.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	6.64	6.67	6.66	8.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	6.67	6.72	6.63	8.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.08		14.0	0.0
100	PI/2 BPSK	1	137		12.98			
100	PI/2 BPSK	1	271		12.85			
100	PI/2 BPSK	135	0		13.00		14.0	0.0
100	PI/2 BPSK	135	69		13.02		14.0	0.0
100	PI/2 BPSK	135	138		12.88		14.0	0.0
100	PI/2 BPSK	270	0		12.98			
100	QPSK	1	1		13.00		14.0	0.0
100	QPSK	1	137		12.95			
100	QPSK	1	271		12.83			
100	QPSK	135	0		12.96		14.0	0.0
100	QPSK	135	69		12.88			
100	QPSK	135	138		12.82			
100	QPSK	270	0		12.89		14.0	0.0
100	16QAM	1	1		12.64		14.0	0.0
100	64QAM	1	1		13.00		14.0	0.0
100	256QAM	1	1		12.51		13.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	12.90	12.93	12.97	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	12.95	12.92	12.99	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	12.91	12.97	12.93	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	12.93	12.99	13.01	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	12.97	12.96	12.95	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	12.92	12.97	12.85	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	12.94	12.95	12.95	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	12.93	13.00	12.98	14.0	0.0

Part 27O n77_Ant 10 DSI3 Sim-Tx

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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.35	13.38	12.80	14.0	0.0
100	PI/2 BPSK	1	137	13.04	13.03	12.51		
100	PI/2 BPSK	1	271	12.74	12.78	12.42		
100	PI/2 BPSK	135	0	13.08	13.10	12.50	14.0	0.0
100	PI/2 BPSK	135	69	13.15	13.18	12.54	14.0	0.0
100	PI/2 BPSK	135	138	12.77	12.75	12.15	14.0	0.0
100	PI/2 BPSK	270	0	13.00	13.05	12.39		
100	QPSK	1	1	13.33	13.35	12.76	14.0	0.0
100	QPSK	1	137	12.92	12.93	12.42		
100	QPSK	1	271	12.75	12.73	12.42		
100	QPSK	135	0	13.08	13.12	12.61	14.0	0.0
100	QPSK	135	69	12.82	12.86	12.26		
100	QPSK	135	138	12.74	12.75	12.16		
100	QPSK	270	0	12.90	12.93	12.35	14.0	0.0
100	16QAM	1	1	12.87	12.89	12.34	14.0	0.0
100	64QAM	1	1	13.33	13.35	12.84	14.0	0.0
100	256QAM	1	1	12.56	12.71	12.66	13.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	13.33	13.36	12.71	14.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.34	13.35	12.74	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.32	13.35	12.75	14.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.33	13.37	12.74	14.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	13.29	13.32	12.78	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.32	13.35	12.75	14.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	13.26	13.28	12.77	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.27	13.30	12.78	14.0	0.0

Part27Q n78_Ant 10 DSI3 Sim-Tx

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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.01		14.0	0.0
100	PI/2 BPSK	1	137		12.92			
100	PI/2 BPSK	1	271		12.72			
100	PI/2 BPSK	135	0		12.93		14.0	0.0
100	PI/2 BPSK	135	69		12.94		14.0	0.0
100	PI/2 BPSK	135	138		12.75		14.0	0.0
100	PI/2 BPSK	270	0		12.91			
100	QPSK	1	1		12.87		14.0	0.0
100	QPSK	1	137		12.89			
100	QPSK	1	271		12.70			
100	QPSK	135	0		12.83		14.0	0.0
100	QPSK	135	69		12.78			
100	QPSK	135	138		12.74			
100	QPSK	270	0		12.84		14.0	0.0
100	16QAM	1	1		12.57		14.0	0.0
100	64QAM	1	1		12.89		14.0	0.0
100	256QAM	1	1		12.61		13.5	0.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	12.82	12.88	12.92	14.0	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	12.82	12.86	12.89	14.0	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	12.83	12.86	12.88	14.0	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	12.85	12.87	12.87	14.0	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	12.84	12.86	12.92	14.0	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	12.83	12.87	12.90	14.0	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	12.81	12.88	12.90	14.0	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	12.83	12.85	12.88	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.33		14.0	0.0
100	PI/2 BPSK	1	137		12.97			
100	PI/2 BPSK	1	271		12.71			
100	PI/2 BPSK	135	0		13.02		14.0	0.0
100	PI/2 BPSK	135	69		13.05		14.0	0.0
100	PI/2 BPSK	135	138		12.63		14.0	0.0
100	PI/2 BPSK	270	0		12.94			
100	QPSK	1	1		13.24		14.0	0.0
100	QPSK	1	137		12.84			
100	QPSK	1	271		12.63			
100	QPSK	135	0		13.03		14.0	0.0
100	QPSK	135	69		12.73			
100	QPSK	135	138		12.67			
100	QPSK	270	0		12.83		14.0	0.0
100	16QAM	1	1		12.80		14.0	0.0
100	64QAM	1	1		13.27		14.0	0.0
100	256QAM	1	1		12.75		13.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.21	13.21	13.17	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.21	13.23	13.15	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.17	13.20	13.18	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.21	13.16	13.20	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.14	13.24	13.11	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.13	13.23	13.19	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	13.14	13.19	13.20	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.21	13.22	13.15	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.43	19.54	19.36	20.5	0.0
20	PI/2 BPSK	1	53	19.28	19.38	19.18		
20	PI/2 BPSK	1	104	19.19	19.29	19.09		
20	PI/2 BPSK	50	0	19.28	19.34	19.19	20.5	0.0
20	PI/2 BPSK	50	28	19.24	19.39	19.15	20.5	0.0
20	PI/2 BPSK	50	56	19.16	19.27	19.07	20.5	0.0
20	PI/2 BPSK	100	0	19.28	19.38	19.20		
20	QPSK	1	1	19.38	19.50	19.32	20.5	0.0
20	QPSK	1	53	19.11	19.22	19.02		
20	QPSK	1	104	19.31	19.41	19.21		
20	QPSK	50	0	19.22	19.34	19.17	20.5	0.0
20	QPSK	50	28	19.29	19.39	19.21	20.5	0.0
20	QPSK	50	56	19.26	19.38	19.19	20.5	0.0
20	QPSK	100	0	19.25	19.36	19.19		
20	16QAM	1	1	19.29	19.40	19.20	20.5	0.0
20	64QAM	1	1	19.33	19.45	19.26	20.5	0.0
20	256QAM	1	1	18.53	18.69	18.44	19.5	1.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	19.33	19.40	19.29	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	19.31	19.45	19.26	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	19.31	19.45	19.24	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.15	22.33	22.08	23.0	0.0
20	PI/2 BPSK	1	53	21.93	22.10	21.88		
20	PI/2 BPSK	1	104	21.87	21.98	21.82		
20	PI/2 BPSK	50	0	21.75	21.92	21.68	23.0	0.0
20	PI/2 BPSK	50	28	21.96	22.30	21.89	23.0	0.0
20	PI/2 BPSK	50	56	21.81	21.97	21.75	23.0	0.0
20	PI/2 BPSK	100	0	21.86	22.14	21.81		
20	QPSK	1	1	22.10	22.25	22.01	23.0	0.0
20	QPSK	1	53	21.84	22.02	21.80		
20	QPSK	1	104	21.82	21.99	21.75		
20	QPSK	50	0	21.86	22.01	21.79	23.0	0.0
20	QPSK	50	28	21.86	22.03	21.79	23.0	0.0
20	QPSK	50	56	21.78	21.94	21.70	23.0	0.0
20	QPSK	100	0	21.78	21.96	21.74		
20	16QAM	1	1	21.94	22.12	21.90	23.0	0.0
20	64QAM	1	1	20.33	20.55	20.41	21.5	1.5
20	256QAM	1	1	18.61	18.82	18.72	19.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	21.98	22.17	21.93	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	21.99	22.15	21.96	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	22.02	22.18	21.92	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.91	20.06	19.78	21.0	0.0
40	PI/2 BPSK	1	108	19.88	20.04	19.76		
40	PI/2 BPSK	1	214	19.90	20.05	19.77		
40	PI/2 BPSK	108	0	19.66	19.82	19.54	21.0	0.0
40	PI/2 BPSK	108	54	19.76	19.91	19.63	21.0	0.0
40	PI/2 BPSK	108	108	19.73	19.88	19.58	21.0	0.0
40	PI/2 BPSK	216	0	19.72	19.88	19.60		
40	QPSK	1	1	19.89	19.95	19.71	21.0	0.0
40	QPSK	1	108	19.73	19.87	19.60		
40	QPSK	1	214	19.70	19.84	19.57		
40	QPSK	108	0	19.62	19.77	19.49	21.0	0.0
40	QPSK	108	54	19.74	19.88	19.58	21.0	0.0
40	QPSK	108	108	19.73	19.88	19.58	21.0	0.0
40	QPSK	216	0	19.71	19.87	19.58		
40	16QAM	1	1	19.84	20.00	19.70	21.0	0.0
40	64QAM	1	1	19.69	19.84	19.55	21.0	0.0
40	256QAM	1	1	18.65	18.65	18.50	19.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	19.81	19.91	19.66	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	19.77	19.93	19.67	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	19.79	19.91	19.63	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	19.83	19.98	19.71	21.0	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	19.77	19.94	19.69	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.40		17.5	0.0
100	PI/2 BPSK	1	137		16.35			
100	PI/2 BPSK	1	271		16.23			
100	PI/2 BPSK	135	0		16.22		17.5	0.0
100	PI/2 BPSK	135	69		16.33		17.5	0.0
100	PI/2 BPSK	135	138		16.12		17.5	0.0
100	PI/2 BPSK	270	0		16.25			
100	QPSK	1	1		16.37		17.5	0.0
100	QPSK	1	137		16.24			
100	QPSK	1	271		16.11			
100	QPSK	135	0		16.37		17.5	0.0
100	QPSK	135	69		16.26			
100	QPSK	135	138		16.15			
100	QPSK	270	0		16.25		17.5	0.0
100	16QAM	1	1		16.32		17.5	0.0
100	64QAM	1	1		16.31		17.5	0.0
100	256QAM	1	1		16.38		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.21	16.34	16.10	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.18	16.29	16.09	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.19	16.33	16.05	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.15	16.32	16.06	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.14	16.32	16.05	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.15	16.32	16.04	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.18	16.28	16.07	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.27	16.11	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.40		17.5	0.0
100	PI/2 BPSK	1	137		16.35			
100	PI/2 BPSK	1	271		16.23			
100	PI/2 BPSK	135	0		16.22		17.5	0.0
100	PI/2 BPSK	135	69		16.33		17.5	0.0
100	PI/2 BPSK	135	138		16.12		17.5	0.0
100	PI/2 BPSK	270	0		16.25			
100	QPSK	1	1		16.37		17.5	0.0
100	QPSK	1	137		16.24			
100	QPSK	1	271		16.11			
100	QPSK	135	0		16.37		17.5	0.0
100	QPSK	135	69		16.26			
100	QPSK	135	138		16.15			
100	QPSK	270	0		16.25		17.5	0.0
100	16QAM	1	1		16.32		17.5	0.0
100	64QAM	1	1		16.31		17.5	0.0
100	256QAM	1	1		16.38		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.21	16.34	16.10	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.18	16.29	16.09	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.19	16.33	16.05	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.15	16.32	16.06	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.14	16.32	16.05	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.15	16.32	16.04	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.18	16.28	16.07	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.19	16.27	16.11	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.83	15.98	15.74	17.5	0.0
100	PI/2 BPSK	1	137	15.61	15.76	15.52		
100	PI/2 BPSK	1	271	15.63	15.77	15.52		
100	PI/2 BPSK	135	0	15.59	15.74	15.50	17.5	0.0
100	PI/2 BPSK	135	69	15.73	15.89	15.65	17.5	0.0
100	PI/2 BPSK	135	138	15.61	15.69	15.54	17.5	0.0
100	PI/2 BPSK	270	0	15.59	15.75	15.51		
100	QPSK	1	1	15.83	15.89	15.73	17.5	0.0
100	QPSK	1	137	15.65	15.80	15.56		
100	QPSK	1	271	15.68	15.82	15.58		
100	QPSK	135	0	15.64	15.78	15.52	17.5	0.0
100	QPSK	135	69	15.71	15.87	15.62		
100	QPSK	135	138	15.67	15.71	15.52		
100	QPSK	270	0	15.57	15.73	15.50	17.5	0.0
100	16QAM	1	1	15.76	15.92	15.67	17.5	0.0
100	64QAM	1	1	15.65	15.81	15.57	17.5	0.0
100	256QAM	1	1	15.72	15.86	15.61	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.74	15.86	15.58	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.77	15.83	15.58	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.71	15.92	15.62	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.73	15.84	15.58	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.75	15.85	15.57	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.73	15.90	15.64	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	15.78	15.90	15.59	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.77	15.84	15.59	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.83	15.98	15.74	17.5	0.0
100	PI/2 BPSK	1	137	15.61	15.76	15.52		
100	PI/2 BPSK	1	271	15.63	15.77	15.52		
100	PI/2 BPSK	135	0	15.59	15.74	15.50	17.5	0.0
100	PI/2 BPSK	135	69	15.73	15.89	15.65	17.5	0.0
100	PI/2 BPSK	135	138	15.61	15.69	15.54	17.5	0.0
100	PI/2 BPSK	270	0	15.59	15.75	15.51		
100	QPSK	1	1	15.83	15.89	15.73	17.5	0.0
100	QPSK	1	137	15.65	15.80	15.56		
100	QPSK	1	271	15.68	15.82	15.58		
100	QPSK	135	0	15.64	15.78	15.52	17.5	0.0
100	QPSK	135	69	15.71	15.87	15.62		
100	QPSK	135	138	15.67	15.71	15.52		
100	QPSK	270	0	15.57	15.73	15.50	17.5	0.0
100	16QAM	1	1	15.76	15.92	15.67	17.5	0.0
100	64QAM	1	1	15.65	15.81	15.57	17.5	0.0
100	256QAM	1	1	15.72	15.86	15.61	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.74	15.86	15.58	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.77	15.83	15.58	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.71	15.92	15.62	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.73	15.84	15.58	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.75	15.85	15.57	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.73	15.90	15.64	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	15.78	15.90	15.59	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.77	15.84	15.59	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36		17.5	0.0
100	PI/2 BPSK	1	137		16.26			
100	PI/2 BPSK	1	271		16.09			
100	PI/2 BPSK	135	0		16.24		17.5	0.0
100	PI/2 BPSK	135	69		16.27		17.5	0.0
100	PI/2 BPSK	135	138		16.11		17.5	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		16.27		17.5	0.0
100	QPSK	1	137		16.23			
100	QPSK	1	271		16.10			
100	QPSK	135	0		16.29		17.5	0.0
100	QPSK	135	69		16.20			
100	QPSK	135	138		16.10			
100	QPSK	270	0		16.21		17.5	0.0
100	16QAM	1	1		16.34		17.5	0.0
100	64QAM	1	1		16.35		17.5	0.0
100	256QAM	1	1		16.31		17.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.28	16.32	16.10	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.25	16.31	16.14	17.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.23	16.30	16.18	17.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.29	16.34	16.15	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.23	16.34	16.19	17.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.26	16.34	16.11	17.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.24	16.33	16.18	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.27	16.29	16.15	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.91		17.5	0.0
100	PI/2 BPSK	1	137		15.85			
100	PI/2 BPSK	1	271		15.68			
100	PI/2 BPSK	135	0		15.77		17.5	0.0
100	PI/2 BPSK	135	69		15.88		17.5	0.0
100	PI/2 BPSK	135	138		15.65		17.5	0.0
100	PI/2 BPSK	270	0		15.77			
100	QPSK	1	1		15.80		17.5	0.0
100	QPSK	1	137		15.78			
100	QPSK	1	271		15.68			
100	QPSK	135	0		15.82		17.5	0.0
100	QPSK	135	69		15.79			
100	QPSK	135	138		15.65			
100	QPSK	270	0		15.68		17.5	0.0
100	16QAM	1	1		15.82		17.5	0.0
100	64QAM	1	1		15.88		17.5	0.0
100	256QAM	1	1		15.74		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.72	15.85	15.56	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.80	15.81	15.50	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.79	15.83	15.59	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.77	15.82	15.55	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.79	15.80	15.58	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.81	15.79	15.53	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.79	15.82	15.54	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.74	15.82	15.54	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.66		19.5	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.60			
100	PI/2 BPSK	135	0		18.56		19.5	0.0
100	PI/2 BPSK	135	69		18.60		19.5	0.0
100	PI/2 BPSK	135	138		18.58		19.5	0.0
100	PI/2 BPSK	270	0		18.55			
100	QPSK	1	1		18.50		19.5	0.0
100	QPSK	1	137		18.54			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.56		19.5	0.0
100	QPSK	135	69		18.60			
100	QPSK	135	138		18.50			
100	QPSK	270	0		18.36		19.5	0.0
100	16QAM	1	1		18.50		19.5	0.0
100	64QAM	1	1		16.91		18.0	1.5
100	256QAM	1	1		14.91		16.0	3.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.48	18.55	18.52	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.43	18.54	18.49	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.43	18.54	18.49	19.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.43	18.60	18.51	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.41	18.55	18.55	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.42	18.55	18.49	19.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.44	18.59	18.51	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.44	18.62	18.50	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.62	18.72	18.49	19.5	0.0
100	PI/2 BPSK	1	137	18.54	18.67	18.47		
100	PI/2 BPSK	1	271	18.57	18.66	18.45		
100	PI/2 BPSK	135	0	18.51	18.62	18.43	19.5	0.0
100	PI/2 BPSK	135	69	18.60	18.68	18.47	19.5	0.0
100	PI/2 BPSK	135	138	18.53	18.65	18.46	19.5	0.0
100	PI/2 BPSK	270	0	18.53	18.61	18.38		
100	QPSK	1	1	18.49	18.58	18.38	19.5	0.0
100	QPSK	1	137	18.50	18.59	18.37		
100	QPSK	1	271	18.59	18.67	18.46		
100	QPSK	135	0	18.54	18.62	18.42	19.5	0.0
100	QPSK	135	69	18.56	18.66	18.47		
100	QPSK	135	138	18.47	18.55	18.35		
100	QPSK	270	0	18.71	18.61	18.57	19.5	0.0
100	16QAM	1	1	18.48	18.44	18.29	19.5	0.0
100	64QAM	1	1	17.00	16.80	16.86	18.0	1.5
100	256QAM	1	1	14.89	14.84	14.70	16.0	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	18.51	18.62	18.41	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	18.57	18.63	18.40	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	18.50	18.66	18.41	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	18.52	18.59	18.39	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	18.50	18.66	18.40	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	18.52	18.62	18.37	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	18.55	18.65	18.36	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	18.53	18.62	18.43	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.45		19.5	0.0
100	PI/2 BPSK	1	137		18.31			
100	PI/2 BPSK	1	271		18.35			
100	PI/2 BPSK	135	0		18.36		19.5	0.0
100	PI/2 BPSK	135	69		18.39		19.5	0.0
100	PI/2 BPSK	135	138		18.38		19.5	0.0
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		18.32		19.5	0.0
100	QPSK	1	137		18.32			
100	QPSK	1	271		18.37			
100	QPSK	135	0		18.34		19.5	0.0
100	QPSK	135	69		18.38			
100	QPSK	135	138		18.28			
100	QPSK	270	0		18.01		19.5	0.0
100	16QAM	1	1		17.61		19.5	0.0
100	64QAM	1	1		16.22		18.0	1.5
100	256QAM	1	1		14.23		16.0	3.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	18.29	18.32	18.29	19.5	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	18.27	18.40	18.33	19.5	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	18.26	18.33	18.34	19.5	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	18.29	18.40	18.37	19.5	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	18.29	18.37	18.29	19.5	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	18.26	18.33	18.36	19.5	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	18.32	18.37	18.35	19.5	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	18.32	18.40	18.34	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.61		19.5	0.0
100	PI/2 BPSK	1	137		18.50			
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.53		19.5	0.0
100	PI/2 BPSK	135	69		18.56		19.5	0.0
100	PI/2 BPSK	135	138		18.53		19.5	0.0
100	PI/2 BPSK	270	0		18.52			
100	QPSK	1	1		18.52		19.5	0.0
100	QPSK	1	137		18.54			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.52		19.5	0.0
100	QPSK	135	69		18.54			
100	QPSK	135	138		18.50			
100	QPSK	270	0		17.86		19.5	0.0
100	16QAM	1	1		18.01		19.5	0.0
100	64QAM	1	1		16.79		18.0	1.5
100	256QAM	1	1		14.69		16.0	3.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.36	18.40	18.43	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.39	18.41	18.44	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.39	18.44	18.40	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.36	18.39	18.38	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.41	18.40	18.36	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.38	18.43	18.40	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	18.44	18.40	18.36	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.44	18.43	18.38	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.09	19.29	19.16	20.0	0.0
20	PI/2 BPSK	1	53	18.97	19.04	19.01		
20	PI/2 BPSK	1	104	18.96	19.10	19.08		
20	PI/2 BPSK	50	0	18.88	18.99	18.94	20.0	0.0
20	PI/2 BPSK	50	28	19.00	19.25	19.06	20.0	0.0
20	PI/2 BPSK	50	56	18.89	19.02	18.98	20.0	0.0
20	PI/2 BPSK	100	0	18.93	19.10	18.96		
20	QPSK	1	1	19.06	19.15	19.14	20.0	0.0
20	QPSK	1	53	18.85	18.99	18.94		
20	QPSK	1	104	18.97	19.04	19.03		
20	QPSK	50	0	19.00	19.09	19.06	20.0	0.0
20	QPSK	50	28	18.83	18.96	18.91	20.0	0.0
20	QPSK	50	56	18.87	19.00	18.96	20.0	0.0
20	QPSK	100	0	18.91	19.02	19.01		
20	16QAM	1	1	19.02	19.15	19.10	20.0	0.0
20	64QAM	1	1	19.09	19.17	19.12	20.0	0.0
20	256QAM	1	1	18.61	18.82	18.72	19.5	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	18.98	19.08	19.06	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	19.02	19.04	19.07	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	18.99	19.00	19.07	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.47		14.5	0.0
100	PI/2 BPSK	1	137		13.13			
100	PI/2 BPSK	1	271		13.09			
100	PI/2 BPSK	135	0		13.12		14.5	0.0
100	PI/2 BPSK	135	69		13.28		14.5	0.0
100	PI/2 BPSK	135	138		13.03		14.5	0.0
100	PI/2 BPSK	270	0		13.13			
100	QPSK	1	1		13.26		14.5	0.0
100	QPSK	1	137		13.11			
100	QPSK	1	271		13.04			
100	QPSK	135	0		13.30		14.5	0.0
100	QPSK	135	69		13.13			
100	QPSK	135	138		13.00			
100	QPSK	270	0		13.12		14.5	0.0
100	16QAM	1	1		13.45		14.5	0.0
100	64QAM	1	1		13.25		14.5	0.0
100	256QAM	1	1		13.40		14.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.28	13.37	13.15	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.26	13.36	13.18	14.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.27	13.32	13.15	14.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.33	13.41	13.18	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.24	13.39	13.19	14.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.33	13.41	13.15	14.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.30	13.41	13.17	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.33	13.32	13.14	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.47		14.5	0.0
100	PI/2 BPSK	1	137		13.13			
100	PI/2 BPSK	1	271		13.09			
100	PI/2 BPSK	135	0		13.12		14.5	0.0
100	PI/2 BPSK	135	69		13.28		14.5	0.0
100	PI/2 BPSK	135	138		13.03		14.5	0.0
100	PI/2 BPSK	270	0		13.13			
100	QPSK	1	1		13.26		14.5	0.0
100	QPSK	1	137		13.11			
100	QPSK	1	271		13.04			
100	QPSK	135	0		13.30		14.5	0.0
100	QPSK	135	69		13.13			
100	QPSK	135	138		13.00			
100	QPSK	270	0		13.12		14.5	0.0
100	16QAM	1	1		13.45		14.5	0.0
100	64QAM	1	1		13.25		14.5	0.0
100	256QAM	1	1		13.40		14.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.28	13.37	13.15	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.26	13.36	13.18	14.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.27	13.32	13.15	14.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.33	13.41	13.18	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.24	13.39	13.19	14.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.33	13.41	13.15	14.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.30	13.41	13.17	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.33	13.32	13.14	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.87	12.97	12.75	14.5	0.0
100	PI/2 BPSK	1	137	12.75	12.91	12.66		
100	PI/2 BPSK	1	271	12.73	12.89	12.66		
100	PI/2 BPSK	135	0	12.63	12.80	12.52	14.5	0.0
100	PI/2 BPSK	135	69	12.72	12.92	12.68	14.5	0.0
100	PI/2 BPSK	135	138	12.60	12.80	12.56	14.5	0.0
100	PI/2 BPSK	270	0	12.59	12.73	12.53		
100	QPSK	1	1	12.68	12.86	12.64	14.5	0.0
100	QPSK	1	137	12.62	12.82	12.63		
100	QPSK	1	271	12.74	12.93	12.66		
100	QPSK	135	0	12.72	12.88	12.59	14.5	0.0
100	QPSK	135	69	12.64	12.79	12.61		
100	QPSK	135	138	12.58	12.76	12.51		
100	QPSK	270	0	12.86	12.96	12.76	14.5	0.0
100	16QAM	1	1	12.69	12.87	12.65	14.5	0.0
100	64QAM	1	1	12.73	12.92	12.65	14.5	0.0
100	256QAM	1	1	12.83	12.92	12.76	14.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	12.81	12.89	12.68	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	12.77	12.90	12.70	14.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	12.80	12.91	12.68	14.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	12.80	12.89	12.69	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	12.79	12.92	12.65	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	12.81	12.89	12.67	14.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	12.77	12.87	12.65	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	12.81	12.92	12.68	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.87	12.97	12.75	14.5	0.0
100	PI/2 BPSK	1	137	12.75	12.91	12.66		
100	PI/2 BPSK	1	271	12.73	12.89	12.66		
100	PI/2 BPSK	135	0	12.63	12.80	12.52	14.5	0.0
100	PI/2 BPSK	135	69	12.72	12.92	12.68	14.5	0.0
100	PI/2 BPSK	135	138	12.60	12.80	12.56	14.5	0.0
100	PI/2 BPSK	270	0	12.59	12.73	12.53		
100	QPSK	1	1	12.68	12.86	12.64	14.5	0.0
100	QPSK	1	137	12.62	12.82	12.63		
100	QPSK	1	271	12.74	12.93	12.66		
100	QPSK	135	0	12.72	12.88	12.59	14.5	0.0
100	QPSK	135	69	12.64	12.79	12.61		
100	QPSK	135	138	12.58	12.76	12.51		
100	QPSK	270	0	12.86	12.96	12.76	14.5	0.0
100	16QAM	1	1	12.69	12.87	12.65	14.5	0.0
100	64QAM	1	1	12.73	12.92	12.65	14.5	0.0
100	256QAM	1	1	12.83	12.92	12.76	14.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	12.81	12.89	12.68	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	12.77	12.90	12.70	14.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	12.80	12.91	12.68	14.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	12.80	12.89	12.69	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	12.79	12.92	12.65	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	12.81	12.89	12.67	14.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	12.77	12.87	12.65	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	12.81	12.92	12.68	14.5	0.0

Part27Q n78_Ant 4 DSI6 Sim-Tx

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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.43		14.5	0.0
100	PI/2 BPSK	1	137		13.25			
100	PI/2 BPSK	1	271		13.02			
100	PI/2 BPSK	135	0		13.23		14.5	0.0
100	PI/2 BPSK	135	69		13.26		14.5	0.0
100	PI/2 BPSK	135	138		13.10		14.5	0.0
100	PI/2 BPSK	270	0		13.10			
100	QPSK	1	1		13.30		14.5	0.0
100	QPSK	1	137		13.16			
100	QPSK	1	271		13.04			
100	QPSK	135	0		13.23		14.5	0.0
100	QPSK	135	69		13.18			
100	QPSK	135	138		13.07			
100	QPSK	270	0		13.12		14.5	0.0
100	16QAM	1	1		13.36		14.5	0.0
100	64QAM	1	1		13.39		14.5	0.0
100	256QAM	1	1		13.26		14.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.11	13.15	12.97	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.12	13.13	12.95	14.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.07	13.14	12.94	14.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.08	13.16	12.97	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.09	13.18	12.98	14.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.09	13.17	12.98	14.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.12	13.17	12.95	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.07	13.14	12.94	14.5	0.0

Part27O n78_Ant 4 DSI6 Sim-Tx

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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.96		14.5	0.0
100	PI/2 BPSK	1	137		12.88			
100	PI/2 BPSK	1	271		12.77			
100	PI/2 BPSK	135	0		12.88		14.5	0.0
100	PI/2 BPSK	135	69		12.88		14.5	0.0
100	PI/2 BPSK	135	138		12.69		14.5	0.0
100	PI/2 BPSK	270	0		12.79			
100	QPSK	1	1		12.92		14.5	0.0
100	QPSK	1	137		12.89			
100	QPSK	1	271		12.78			
100	QPSK	135	0		12.86		14.5	0.0
100	QPSK	135	69		12.85			
100	QPSK	135	138		12.66			
100	QPSK	270	0		12.80		14.5	0.0
100	16QAM	1	1		12.95		14.5	0.0
100	64QAM	1	1		12.95		14.5	0.0
100	256QAM	1	1		12.83		14.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.76	12.79	12.59	14.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.78	12.79	12.57	14.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.75	12.81	12.62	14.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.77	12.76	12.57	14.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.75	12.79	12.62	14.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.78	12.80	12.57	14.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	12.74	12.79	12.61	14.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.74	12.79	12.62	14.5	0.0

Part27Q_n77_Ant 5 DSI6 Sim-Tx

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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.69		16.5	0.0
100	PI/2 BPSK	1	137		15.62			
100	PI/2 BPSK	1	271		15.67			
100	PI/2 BPSK	135	0		15.62		16.5	0.0
100	PI/2 BPSK	135	69		15.65		16.5	0.0
100	PI/2 BPSK	135	138		15.59		16.5	0.0
100	PI/2 BPSK	270	0		15.62			
100	QPSK	1	1		15.56		16.5	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.66			
100	QPSK	135	0		15.61		16.5	0.0
100	QPSK	135	69		15.59			
100	QPSK	135	138		15.61			
100	QPSK	270	0		15.56		16.5	0.0
100	16QAM	1	1		15.62		16.5	0.0
100	64QAM	1	1		15.60		16.5	0.0
100	256QAM	1	1		14.91		16.0	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.47	15.59	15.59	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.49	15.58	15.53	16.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.46	15.55	15.54	16.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.45	15.63	15.58	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.50	15.60	15.54	16.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.48	15.60	15.53	16.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.50	15.63	15.59	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.49	15.61	15.55	16.5	0.0

Part 27O n77_Ant 5 DSI6 Sim-Tx

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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.76	15.82	15.56	16.5	0.0
100	PI/2 BPSK	1	137	15.68	15.75	15.54		
100	PI/2 BPSK	1	271	15.49	15.58	15.35		
100	PI/2 BPSK	135	0	15.64	15.72	15.50	16.5	0.0
100	PI/2 BPSK	135	69	15.68	15.76	15.54	16.5	0.0
100	PI/2 BPSK	135	138	15.54	15.59	15.36	16.5	0.0
100	PI/2 BPSK	270	0	15.62	15.69	15.47		
100	QPSK	1	1	15.76	15.80	15.60	16.5	0.0
100	QPSK	1	137	15.66	15.73	15.53		
100	QPSK	1	271	15.52	15.54	15.33		
100	QPSK	135	0	15.66	15.70	15.50	16.5	0.0
100	QPSK	135	69	15.68	15.71	15.51		
100	QPSK	135	138	15.51	15.54	15.33		
100	QPSK	270	0	15.59	15.68	15.48	16.5	0.0
100	16QAM	1	1	15.67	15.76	15.53	16.5	0.0
100	64QAM	1	1	15.73	15.78	15.55	16.5	0.0
100	256QAM	1	1	14.89	14.84	14.70	16.0	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.71	15.78	15.50	16.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.67	15.71	15.54	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.69	15.77	15.51	16.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.69	15.70	15.47	16.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	15.74	15.77	15.54	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.73	15.79	15.43	16.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	15.68	15.74	15.45	16.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.73	15.79	15.47	16.5	0.0

Part27Q n78_Ant 5 DSI6 Sim-Tx

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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.45		16.5	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.38		16.5	0.0
100	PI/2 BPSK	135	69		15.43		16.5	0.0
100	PI/2 BPSK	135	138		15.39		16.5	0.0
100	PI/2 BPSK	270	0		15.37			
100	QPSK	1	1		15.33		16.5	0.0
100	QPSK	1	137		15.37			
100	QPSK	1	271		15.43			
100	QPSK	135	0		15.42		16.5	0.0
100	QPSK	135	69		15.39			
100	QPSK	135	138		15.37			
100	QPSK	270	0		15.35		16.5	0.0
100	16QAM	1	1		15.43		16.5	0.0
100	64QAM	1	1		15.37		16.5	0.0
100	256QAM	1	1		14.23		16.0	0.5
Channel				633000	633334	640332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3604.98		
90	PI/2 BPSK	1	1	15.24	15.39	15.42	16.5	0.0
Channel				632668	633334	640666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3609.99		
80	PI/2 BPSK	1	1	15.27	15.42	15.31	16.5	0.0
Channel				632334	633334	641000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3615		
70	PI/2 BPSK	1	1	15.25	15.41	15.32	16.5	0.0
Channel				632000	633334	641332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3619.98		
60	PI/2 BPSK	1	1	15.24	15.36	15.42	16.5	0.0
Channel				631668	633334	641666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3624.99		
50	PI/2 BPSK	1	1	15.32	15.40	15.42	16.5	0.0
Channel				631334	633334	642000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3630		
40	PI/2 BPSK	1	1	15.28	15.31	15.31	16.5	0.0
Channel				631000	633334	642332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3634.98		
30	PI/2 BPSK	1	1	15.26	15.37	15.37	16.5	0.0
Channel				630668	633334	642666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3639.99		
20	PI/2 BPSK	1	1	15.30	15.31	15.40	16.5	0.0

Part27O n78_Ant 5 DSI6 Sim-Tx

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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.60		16.5	0.0
100	PI/2 BPSK	1	137		15.51			
100	PI/2 BPSK	1	271		15.54			
100	PI/2 BPSK	135	0		15.50		16.5	0.0
100	PI/2 BPSK	135	69		15.58		16.5	0.0
100	PI/2 BPSK	135	138		15.51		16.5	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.44		16.5	0.0
100	QPSK	1	137		15.45			
100	QPSK	1	271		15.56			
100	QPSK	135	0		15.55		16.5	0.0
100	QPSK	135	69		15.47			
100	QPSK	135	138		15.51			
100	QPSK	270	0		15.48		16.5	0.0
100	16QAM	1	1		15.58		16.5	0.0
100	64QAM	1	1		15.52		16.5	0.0
100	256QAM	1	1		14.69		16.0	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.34	15.46	15.54	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.31	15.46	15.54	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.26	15.43	15.44	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.32	15.43	15.45	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.29	15.50	15.44	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.32	15.50	15.50	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.34	15.43	15.44	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.31	15.48	15.50	16.5	0.0

Bluetooth/WLAN Power

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	16.00	16.00	16.10	10.9	10.90	11.00	10.80	10.80	10.90	**18.00**
	CH 39	2441	16.90	16.90	17.00	11.8	11.80	11.90	11.80	11.80	11.90	
	CH 78	2480	17.00	17.00	17.10	12.1	12.10	12.20	12.10	12.10	12.20	

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	9.90
	CH 19	2440	10.50
	CH 39	2480	10.60
Tune-up Limit			11.5

BLE_1M/2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.90	10.00
	CH 19	2440	10.50	10.60
	CH 39	2480	10.60	10.70
Tune-up Limit			11.50	11.50

2.4GHz WLAN Ant 3			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	19.20	20.50	18.70	20.00	14.30	15.50	19.20	20.50	18.30	19.50	18.30	19.50	99.54
	6	2437	19.10	20.50	18.60	20.00	14.20	15.50	19.10	20.50	18.20	19.50	18.20	19.50	
	11	2462	19.00	20.50	18.60	20.00	14.00	15.50	19.00	20.50	18.10	19.50	18.10	19.50	
802.11g 6Mbps	1	2412	18.10	19.50	18.10	19.50	14.20	15.50	18.10	19.50	18.10	19.50	18.10	19.50	98.25
	6	2437	18.00	19.50	18.00	19.50	14.10	15.50	18.00	19.50	18.00	19.50	18.00	19.50	
	11	2462	18.00	19.50	18.00	19.50	14.00	15.50	18.00	19.50	18.00	19.50	18.00	19.50	
802.11n-HT20 MCS0	1	2412	18.00	19.50	Not Required	19.50	Not Required	15.50	18.00	19.50	Not Required	19.50	Not Required	19.50	98.12
	6	2437	18.20	19.50		19.50		15.50	18.20	19.50		19.50		19.50	
	11	2462	17.20	18.50		18.50		15.50	17.20	18.50		18.50		18.50	
802.11n-HT40 MCS0	3	2422	17.10	18.50		18.50		15.50	17.10	18.50		18.50		18.50	94.82
	6	2437	17.00	18.50		18.50		15.50	17.00	18.50		18.50		18.50	
	9	2452	15.40	17.00		17.00		15.50	15.40	17.00		17.00		17.00	
802.11ac-VHT20 MCS0	1	2412	16.10	17.50		17.50		15.50	16.10	17.50		17.50		17.50	98.13
	6	2437	16.00	17.50		17.50		15.50	16.00	17.50		17.50		17.50	
	11	2462	16.00	17.50		17.50		15.50	16.00	17.50		17.50		17.50	
802.11ac-VHT40 MCS0	3	2422	16.00	17.50		17.50		15.50	16.00	17.50		17.50		17.50	94.51
	6	2437	16.00	17.50		17.50		15.50	16.00	17.50		17.50		17.50	
	9	2452	15.20	17.00		17.00		15.50	15.20	17.00		17.00		17.00	

5.2GHz WLAN Ant 5			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN) Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	18.35	20.00	18.35	20.00	Not Required	19.00	Not Required	13.00	Not Required	11.50	Not Required	11.50	17.87	19.50	Not Required	17.00	97.20
	40	5200	18.06	20.00	18.06	20.00		19.00		13.00		11.50		11.50	17.85	19.50		17.00	
	44	5220	18.22	20.00	18.22	20.00		19.00		13.00		11.50		11.50	17.91	19.50		17.00	
	48	5240	18.27	20.00	18.27	20.00		19.00		13.00		11.50		11.50	17.88	19.50		17.00	
802.11n-HT20 MCS0	36	5180	18.08	20.00	18.08	20.00		19.00		13.00		11.50		11.50	Not Required	19.50		17.00	97.74
	40	5200	18.04	20.00	18.04	20.00		19.00		13.00		11.50		11.50		19.50		17.00	
	44	5220	18.02	20.00	18.02	20.00		19.00		13.00		11.50		11.50		19.50		17.00	
	48	5240	18.06	20.00	18.06	20.00		19.00		13.00		11.50		11.50		19.50		17.00	
802.11n-HT40 MCS0	38	5190	15.47	17.00	15.47	17.00	15.47	17.00		13.00		11.50		11.50		17.00	15.40	17.00	96.24
	46	5230	17.06	19.00	17.06	19.00	17.06	19.00		13.00		11.50		11.50		19.00	15.45	17.00	
802.11ac-VHT20 MCS0	36	5180	17.25	19.00	17.25	19.00	Not Required	19.00		13.00		11.50		11.50		19.00	Not Required	17.00	97.76
	40	5200	17.11	19.00	17.11	19.00		19.00		13.00		11.50		11.50		19.00		17.00	
	44	5220	17.20	19.00	17.20	19.00		19.00		13.00		11.50		11.50		19.00		17.00	
	48	5240	17.27	19.00	17.27	19.00		19.00		13.00		11.50		11.50		19.00		17.00	
802.11ac-VHT40 MCS0	38	5190	15.44	17.00	15.44	17.00		17.00		13.00		11.50		11.50		17.00		17.00	96.27
	46	5230	16.07	17.00	16.07	17.00		17.00		13.00		11.50		11.50		17.00		17.00	
802.11ac-VHT80 MCS0	42	5210	13.63	15.00	13.63	15.00		15.00	11.67	13.00	10.08	11.50	10.08	11.50		15.00		15.00	92.52

5.3GHz WLAN Ant 5			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN) Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	18.23	20.00	18.23	20.00	Not Required	19.00	Not Required	13.00	Not Required	11.50	17.71	19.50		16.50	97.20
	56	5280	18.09	20.00	18.09	20.00		19.00		13.00		11.50	17.59	19.50		16.50	
	60	5300	18.13	20.00	18.13	20.00		19.00		13.00		11.50	17.78	19.50		16.50	
	64	5320	18.10	20.00	18.10	20.00		19.00		13.00		11.50	17.56	19.50		16.50	
802.11n-HT20 MCS0	52	5260	18.04	20.00	18.04	20.00		19.00		13.00		11.50	Not Required	19.50		16.50	97.74
	56	5280	18.00	20.00	18.00	20.00		19.00		13.00		11.50		19.50		16.50	
	60	5300	18.29	20.00	18.29	20.00		19.00		13.00		11.50		19.50		16.50	
	64	5320	18.18	20.00	18.18	20.00		19.00		13.00		11.50		19.50		16.50	
802.11n-HT40 MCS0	54	5270	17.05	19.00	17.05	19.00	17.05	19.00		13.00		11.50		19.00	14.86	16.50	96.24
	62	5310	15.65	17.00	15.65	17.00	15.65	17.00		13.00		11.50		17.00	14.81	16.50	
802.11ac-VHT20 MCS0	52	5260	17.19	19.00	17.19	19.00	Not Required	19.00		13.00		11.50		19.00		16.50	97.76
	56	5280	17.06	19.00	17.06	19.00		19.00		13.00		11.50		19.00		16.50	
	60	5300	17.14	19.00	17.14	19.00		19.00		13.00		11.50		19.00		16.50	
	64	5320	17.01	19.00	17.01	19.00		19.00		13.00		11.50		19.00		16.50	
802.11ac-VHT40 MCS0	54	5270	16.09	17.00	16.09	17.00		17.00		13.00		11.50		17.00		16.50	96.27
	62	5310	15.25	17.00	15.25	17.00		17.00		13.00		11.50		17.00		16.50	
802.11ac-VHT80 MCS0	58	5290	14.15	15.00	14.15	15.00		15.00	12.17	13.00	10.60	11.50		15.00		15.00	92.52

5.5GHz WLAN Ant 5			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN) Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	18.33	20.00	18.33	20.00	Not Required	18.50	Not Required	12.00	Not Required	10.00	17.85	19.50	Not Required	16.00	97.20
	116	5580	18.35	20.00	18.35	20.00		18.50		12.00		10.00	17.91	19.50		16.00	
	132	5660	18.12	20.00	18.12	20.00		18.50		12.00		10.00	17.74	19.50		16.00	
	140	5700	18.31	20.00	18.31	20.00		18.50		12.00		10.00	17.85	19.50		16.00	
802.11n-HT20 MCS0	100	5500	18.12	20.00	18.12	20.00		18.50		12.00		10.00	Not Required	19.50		16.00	97.74
	116	5580	18.10	20.00	18.10	20.00		18.50		12.00		10.00		19.50		16.00	
	132	5660	18.10	20.00	18.10	20.00		18.50		12.00		10.00		19.50		16.00	
	140	5700	18.06	20.00	18.06	20.00		18.50		12.00		10.00		19.50		16.00	
802.11n-HT40 MCS0	102	5510	16.64	18.50	16.64	18.50	16.64	18.50		12.00		10.00		18.50	14.20	16.00	96.24
	110	5550	17.25	18.50	17.25	18.50	17.25	18.50		12.00		10.00		18.50	14.82	16.00	
	134	5670	17.19	18.50	17.19	18.50	17.19	18.50		12.00		10.00		18.50	14.74	16.00	
802.11ac-VHT20 MCS0	100	5500	17.14	18.50	17.14	18.50	Not Required	18.50		12.00		10.00	Not Required	18.50	Not Required	16.00	97.76
	116	5580	17.06	18.50	17.06	18.50		18.50		12.00		10.00		18.50		16.00	
	132	5660	17.07	18.50	17.07	18.50		18.50		12.00		10.00		18.50		16.00	
	140	5700	17.09	18.50	17.09	18.50		18.50		12.00		10.00		18.50		16.00	
802.11ac-VHT40 MCS0	102	5510	16.27	18.00	16.27	18.00		18.00		12.00		10.00		18.00		16.00	96.27
	110	5550	16.29	18.00	16.29	18.00		18.00		12.00		10.00		18.00		16.00	
	134	5670	16.38	18.00	16.38	18.00		18.00		12.00		10.00		18.00		16.00	
802.11ac-VHT80 MCS0	106	5530	13.93	15.50	13.93	15.50		15.50	10.66	12.00	8.00	10.00		15.50		15.50	92.52

5.8GHz WLAN Ant 5			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN) Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	18.24	20.00	18.24	20.00	Not Required	18.00	Not Required	13.50	Not Required	11.00	Not Required	11.00	17.70	19.50	Not Required	17.50	97.20
	157	5785	18.17	20.00	18.17	20.00		18.00		13.50		11.00		11.00	17.76	19.50		17.50	
	165	5825	18.12	20.00	18.12	20.00		18.00		13.50		11.00		11.00	17.68	19.50		17.50	
802.11n-HT20 MCS0	149	5745	18.06	20.00	18.06	20.00		18.00		13.50		11.00		11.00	Not Required	19.50		17.50	97.74
	157	5785	18.03	20.00	18.03	20.00		18.00		13.50		11.00		11.00		19.50		17.50	
	165	5825	18.17	20.00	18.17	20.00		18.00		13.50		11.00		11.00		19.50		17.50	
802.11n-HT40 MCS0	151	5755	17.08	19.00	17.08	19.00		18.00		13.50		11.00		11.00		19.00		17.50	96.24
	159	5795	17.07	19.00	17.07	19.00		18.00		13.50		11.00		11.00		19.00		17.50	
802.11ac-VHT20 MCS0	149	5745	17.05	19.00	17.05	19.00		18.00		13.50		11.00		11.00		19.00		17.50	97.76
	157	5785	17.02	19.00	17.02	19.00		18.00		13.50		11.00		11.00		19.00		17.50	
	165	5825	17.03	19.00	17.03	19.00		18.00		13.50		11.00		11.00		19.00		17.50	
802.11ac-VHT40 MCS0	151	5755	16.29	18.00	16.29	18.00		18.00		13.50		11.00		11.00		18.00		17.50	96.27
	159	5795	16.09	18.00	16.09	18.00		18.00		13.50		11.00		11.00		18.00		17.50	
802.11ac-VHT80 MCS0	155	5775	16.17	18.00	16.17	18.00	16.17	18.00	11.75	13.50	9.21	11.00	9.21	11.00		18.00	15.71	17.50	92.52