Full & Default Power

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.14	33.36	33.27	**34.00**	24.14	24.36	24.27	**25.00**
GPRS 1 Tx slot	33.12	33.38	33.22	**34.00**	24.12	24.38	24.22	**25.00**
GPRS 2 Tx slots	32.00	32.27	32.11	**33.00**	26.00	26.27	26.11	**27.00**
GPRS 3 Tx slots	29.66	29.93	29.80	**31.00**	25.40	25.67	25.54	**26.74**
GPRS 4 Tx slots	28.35	28.61	28.53	**29.50**	25.35	25.61	25.53	**26.50**
EDGE 1 Tx slot	26.70	26.71	26.65	**27.50**	17.70	17.71	17.65	**18.50**
EDGE 2 Tx slots	25.10	25.13	25.56	**26.50**	19.10	19.13	19.56	**20.50**
EDGE 3 Tx slots	22.61	22.64	22.74	**24.00**	18.35	18.38	18.48	**19.74**
EDGE 4 Tx slots	21.41	21.55	21.25	**23.00**	18.41	18.55	18.25	**20.00**

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.16	30.35	29.97	**31.00**	21.16	21.35	20.97	**22.00**
GPRS 1 Tx slot	30.21	30.35	29.91	**31.00**	21.21	21.35	20.91	**22.00**
GPRS 2 Tx slots	28.81	29.26	28.74	**30.00**	22.81	23.26	22.74	**24.00**
GPRS 3 Tx slots	26.27	26.67	26.03	**27.50**	22.01	22.41	21.77	**23.24**
GPRS 4 Tx slots	24.91	25.44	24.74	**26.00**	21.91	22.44	21.74	**23.00**
EDGE 1 Tx slot	26.81	26.57	26.40	**28.00**	17.81	17.57	17.40	**19.00**
EDGE 2 Tx slots	25.17	25.39	25.07	**26.50**	19.17	19.39	19.07	**20.50**
EDGE 3 Tx slots	23.30	23.39	23.21	**24.50**	19.04	19.13	18.95	**20.24**
EDGE 4 Tx slots	21.98	22.06	21.77	**23.50**	18.98	19.06	18.77	**20.50**

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.17	23.45	23.06	**24.50**	22.80	22.89	22.89	**24.50**	23.46	23.55	23.47	**24.50**
3GPP Rel 99	RMC 12.2Kbps	23.22	23.46	23.07	**24.50**	22.64	22.96	22.90	**24.50**	23.51	23.58	23.49	**24.50**
3GPP Rel 6	HSDPA Subtest-1	22.14	22.51	22.09	**23.50**	21.75	21.85	21.79	**23.50**	22.59	22.60	22.60	**23.50**
3GPP Rel 6	HSDPA Subtest-2	22.14	22.49	22.11	**23.50**	21.55	21.82	21.98	**23.50**	22.62	22.61	22.56	**23.50**
3GPP Rel 6	HSDPA Subtest-3	21.71	22.05	21.64	**23.00**	21.25	21.36	21.49	**23.00**	22.13	22.14	22.11	**23.00**
3GPP Rel 6	HSDPA Subtest-4	21.67	22.00	21.62	**23.00**	21.18	21.50	21.27	**23.00**	22.10	22.06	22.09	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.86	21.91	21.95	**23.50**	21.95	22.07	21.95	**23.50**	22.42	22.32	22.39	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	21.99	21.97	**23.50**	22.15	22.14	22.21	**23.50**	22.26	22.33	22.32	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	21.47	21.42	21.49	**23.00**	21.81	21.65	21.54	**23.00**	21.90	21.82	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.35	21.42	21.39	**23.00**	21.79	21.52	21.55	**23.00**	21.90	21.81	21.86	**23.00**
3GPP Rel 6	HSUPA Subtest-1	20.13	20.44	20.03	**22.00**	21.75	21.83	21.79	**23.50**	20.54	20.57	20.53	**22.00**
3GPP Rel 6	HSUPA Subtest-2	20.08	20.40	20.01	**21.00**	20.54	20.95	20.90	**21.50**	20.56	20.59	20.56	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.10	21.45	21.05	**22.00**	21.80	21.79	21.83	**22.50**	21.54	21.61	21.56	**22.00**
3GPP Rel 6	HSUPA Subtest-4	19.66	19.93	19.57	**21.00**	20.35	20.35	20.50	**21.50**	20.07	20.12	20.09	**21.00**
3GPP Rel 6	HSUPA Subtest-5	21.10	21.40	21.10	**23.00**	21.55	21.70	21.79	**23.50**	21.50	21.60	21.50	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.21	20.23	20.24	**21.00**	20.54	20.64	20.66	**21.00**	20.59	20.56	20.58	**21.00**

Band 2_Ant 3

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	24.05	24.15	23.98	25	0
20	QPSK	1	49	23.97	23.82	23.91		
20	QPSK	1	99	23.76	23.98	23.85		
20	QPSK	50	0	22.91	23.04	22.88	24	1
20	QPSK	50	24	22.90	22.84	22.86		
20	QPSK	50	50	22.87	22.83	22.87		
20	QPSK	100	0	22.85	22.93	22.89		
20	16QAM	1	0	23.38	23.20	23.27	24	1
20	16QAM	1	49	23.05	23.13	23.27		
20	16QAM	1	99	22.98	23.15	23.38		
20	16QAM	50	0	22.05	21.93	21.87	23	2
20	16QAM	50	24	21.90	21.82	21.84		
20	16QAM	50	50	21.84	21.85	21.84		
20	16QAM	100	0	21.91	21.88	21.82		
20	64QAM	1	0	22.04	22.13	22.05	23	2
20	64QAM	1	49	22.20	22.21	22.07		
20	64QAM	1	99	21.80	22.03	22.18		
20	64QAM	50	0	21.01	20.83	20.92	22	3
20	64QAM	50	24	20.94	20.78	20.93		
20	64QAM	50	50	20.81	20.75	20.92		
20	64QAM	100	0	20.94	20.79	20.93		
20	256QAM	1	0	18.83	18.93	18.92	20	5
20	256QAM	1	49	19.12	19.08	19.05		
20	256QAM	1	99	19.08	19.05	19.08		
20	256QAM	50	0	18.79	18.94	19.02	20	5
20	256QAM	50	24	19.03	18.96	19.00		
20	256QAM	50	50	19.01	18.92	18.91		
20	256QAM	100	0	18.78	18.92	18.87		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.98	24.08	23.90	25	0
15	QPSK	1	37	23.95	23.82	23.78		
15	QPSK	1	74	23.60	23.95	23.67		
15	QPSK	36	0	22.75	23.03	22.83	24	1
15	QPSK	36	20	22.87	22.67	22.81		
15	QPSK	36	39	22.77	22.68	22.78		
15	QPSK	75	0	22.85	22.76	22.85		
15	16QAM	1	0	23.23	23.08	23.12	24	1
15	16QAM	1	37	22.91	23.09	23.11		
15	16QAM	1	74	22.86	23.15	23.27		
15	16QAM	36	0	21.90	21.77	21.83	23	2
15	16QAM	36	20	21.74	21.65	21.74		
15	16QAM	36	39	21.75	21.85	21.78		
15	16QAM	75	0	21.81	21.70	21.74		
15	64QAM	1	0	21.87	22.00	21.91	23	2
15	64QAM	1	37	22.20	22.21	21.90		
15	64QAM	1	74	21.73	21.84	22.06		
15	64QAM	36	0	21.00	20.82	20.88	22	3
15	64QAM	36	20	20.85	20.67	20.79		
15	64QAM	36	39	20.61	20.70	20.73		
15	64QAM	75	0	20.80	20.75	20.80		
15	256QAM	1	0	18.92	18.90	18.85	20	5
15	256QAM	1	37	19.10	19.12	19.15		
15	256QAM	1	74	18.97	19.09	19.06		
15	256QAM	36	0	18.64	18.81	18.99	20	5
15	256QAM	36	20	18.94	19.01	18.91		
15	256QAM	36	39	18.94	18.77	18.85		
15	256QAM	75	0	18.68	18.85	18.85		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.12	23.89	23.90	25	0
10	QPSK	1	25	24.02	23.82	23.86		
10	QPSK	1	49	23.89	23.82	24.01		
10	QPSK	25	0	23.09	22.88	22.95	24	1
10	QPSK	25	12	23.02	22.87	22.97		
10	QPSK	25	25	22.95	22.87	22.98		
10	QPSK	50	0	22.99	22.91	22.93		
10	16QAM	1	0	22.93	22.89	22.76	24	1
10	16QAM	1	25	23.14	23.10	23.00		
10	16QAM	1	49	23.10	22.92	22.86		
10	16QAM	25	0	22.13	21.97	21.94	23	2
10	16QAM	25	12	22.02	21.87	21.93		
10	16QAM	25	25	21.93	21.83	22.04		
10	16QAM	50	0	22.00	21.91	22.01		
10	64QAM	1	0	22.29	22.21	22.16	23	2
10	64QAM	1	25	22.20	22.12	22.10		
10	64QAM	1	49	22.18	22.04	22.28		
10	64QAM	25	0	21.16	20.88	20.97	22	3
10	64QAM	25	12	20.98	20.79	21.06		
10	64QAM	25	25	21.03	20.76	21.11		
10	64QAM	50	0	21.05	20.84	21.01		
10	256QAM	1	0	18.82	18.85	18.88	20	5
10	256QAM	1	25	19.09	19.10	18.96		
10	256QAM	1	49	18.94	18.91	19.07		
10	256QAM	25	0	18.71	19.01	18.93	20	5
10	256QAM	25	12	18.91	19.00	19.07		
10	256QAM	25	25	18.87	18.86	18.88		
10	256QAM	50	0	18.80	18.81	18.90		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	23.85	24.03	25	0
5	QPSK	1	12	24.04	23.81	24.12		
5	QPSK	1	24	23.97	24.00	24.10		
5	QPSK	12	0	23.07	22.90	22.97	24	1
5	QPSK	12	7	23.03	22.87	22.96		
5	QPSK	12	13	23.03	22.82	23.02		
5	QPSK	25	0	23.06	22.92	23.00		
5	16QAM	1	0	23.47	23.37	23.37	24	1
5	16QAM	1	12	23.52	23.32	23.56		
5	16QAM	1	24	23.61	23.42	23.41		
5	16QAM	12	0	22.13	21.93	21.94	23	2
5	16QAM	12	7	22.07	21.76	22.04		
5	16QAM	12	13	22.02	21.90	22.04		
5	16QAM	25	0	22.08	21.90	22.02		
5	64QAM	1	0	22.29	21.96	22.22	23	2
5	64QAM	1	12	22.35	22.28	21.90		
5	64QAM	1	24	21.77	22.09	21.81		
5	64QAM	12	0	21.24	20.96	21.17	22	3
5	64QAM	12	7	21.18	20.88	21.21		
5	64QAM	12	13	21.13	20.84	21.16		
5	64QAM	25	0	21.18	20.92	21.17		
5	256QAM	1	0	18.89	18.90	18.93	20	5
5	256QAM	1	12	19.19	19.02	18.94		
5	256QAM	1	24	19.14	18.92	19.06		
5	256QAM	12	0	18.89	18.87	19.00	20	5
5	256QAM	12	7	19.03	19.00	19.00		
5	256QAM	12	13	19.04	18.84	18.86		
5	256QAM	25	0	18.80	18.97	18.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.90	24.02	23.93	25	0
3	QPSK	1	8	23.97	23.75	23.76		
3	QPSK	1	14	23.67	23.91	23.66		
3	QPSK	8	0	22.88	23.01	22.80	24	1
3	QPSK	8	4	22.79	22.75	22.80		
3	QPSK	8	7	22.71	22.74	22.73		
3	QPSK	15	0	22.77	22.83	22.72		
3	16QAM	1	0	23.38	23.06	23.26	24	1
3	16QAM	1	8	23.05	23.04	23.11		
3	16QAM	1	14	22.81	23.00	23.37		
3	16QAM	8	0	22.05	21.84	21.69	23	2
3	16QAM	8	4	21.88	21.81	21.74		
3	16QAM	8	7	21.65	21.79	21.67		
3	16QAM	15	0	21.89	21.73	21.77		
3	64QAM	1	0	21.99	21.98	21.89	23	2
3	64QAM	1	8	22.17	22.10	22.05		
3	64QAM	1	14	21.71	22.00	21.99		
3	64QAM	8	0	20.83	20.63	20.79	22	3
3	64QAM	8	4	20.87	20.58	20.83		
3	64QAM	8	7	20.77	20.73	20.90		
3	64QAM	15	0	20.89	20.73	20.73		
3	256QAM	1	0	18.92	19.02	18.81	20	5
3	256QAM	1	8	19.04	19.10	18.95		
3	256QAM	1	14	18.96	18.94	19.13		
3	256QAM	8	0	18.87	18.86	18.90	20	5
3	256QAM	8	4	19.05	19.03	19.01		
3	256QAM	8	7	19.06	18.97	18.97		
3	256QAM	15	0	18.82	18.86	18.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.06	23.79	23.90	25	0
1.4	QPSK	1	3	23.96	23.77	23.93		
1.4	QPSK	1	5	23.92	23.75	24.07		
1.4	QPSK	3	0	24.03	23.77	23.93		
1.4	QPSK	3	1	23.95	23.86	23.97		
1.4	QPSK	3	3	24.02	23.81	24.00		
1.4	QPSK	6	0	23.01	22.76	23.01	24	1
1.4	16QAM	1	0	23.46	22.97	23.05	24	1
1.4	16QAM	1	3	23.13	23.22	23.19		
1.4	16QAM	1	5	23.43	23.23	23.33		
1.4	16QAM	3	0	23.06	22.93	23.13		
1.4	16QAM	3	1	23.03	22.82	22.99		
1.4	16QAM	3	3	22.94	22.78	23.03		
1.4	16QAM	6	0	22.03	21.93	21.93	23	2
1.4	64QAM	1	0	22.39	22.16	22.15	23	2
1.4	64QAM	1	3	22.24	22.13	22.21		
1.4	64QAM	1	5	22.13	21.99	22.12		
1.4	64QAM	3	0	22.09	22.05	22.02		
1.4	64QAM	3	1	22.11	22.03	22.20		
1.4	64QAM	3	3	22.34	22.03	22.21		
1.4	64QAM	6	0	21.17	20.81	21.02	22	3
1.4	256QAM	1	0	18.78	18.99	18.80	20	5
1.4	256QAM	1	3	19.12	19.17	18.96		
1.4	256QAM	1	5	19.08	18.99	18.94		
1.4	256QAM	3	0	18.80	19.02	19.05		
1.4	256QAM	3	1	19.06	18.93	18.97		
1.4	256QAM	3	3	19.03	18.83	18.98		
1.4	256QAM	6	0	18.87	19.02	18.81	20	5

Band 4_Ant 3

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	23.23	23.56	23.51	25	0
20	QPSK	1	49	23.06	23.24	23.44		
20	QPSK	1	99	23.08	23.26	23.45		
20	QPSK	50	0	22.17	22.35	22.24	24	1
20	QPSK	50	24	22.05	22.34	22.17		
20	QPSK	50	50	22.12	22.30	22.19		
20	QPSK	100	0	22.12	22.33	22.19		
20	16QAM	1	0	22.16	22.00	22.22	24	1
20	16QAM	1	49	22.17	22.23	22.31		
20	16QAM	1	99	22.28	22.34	22.26		
20	16QAM	50	0	21.08	21.14	21.38	23	2
20	16QAM	50	24	21.18	21.29	21.31		
20	16QAM	50	50	21.15	21.20	21.33		
20	16QAM	100	0	21.12	21.21	21.34		
20	64QAM	1	0	21.30	21.50	21.51	23	2
20	64QAM	1	49	21.35	21.52	21.44		
20	64QAM	1	99	21.30	21.21	21.51		
20	64QAM	50	0	20.07	20.20	20.38	22	3
20	64QAM	50	24	20.16	20.23	20.37		
20	64QAM	50	50	20.14	20.23	20.31		
20	64QAM	100	0	20.12	20.27	20.32		
20	256QAM	1	0	19.01	18.91	18.90	20	5
20	256QAM	1	49	18.62	18.71	18.75		
20	256QAM	1	99	18.46	18.59	18.58		
20	256QAM	50	0	18.33	18.39	18.42	20	5
20	256QAM	50	24	18.55	18.47	18.53		
20	256QAM	50	50	18.52	18.46	18.46		
20	256QAM	100	0	18.43	18.47	18.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.11	23.46	23.35	25	0
15	QPSK	1	37	22.95	23.11	23.42		
15	QPSK	1	74	23.01	23.17	23.43		
15	QPSK	36	0	21.97	22.35	22.22	24	1
15	QPSK	36	20	21.95	22.28	22.16		
15	QPSK	36	39	22.03	22.30	22.01		
15	QPSK	75	0	22.05	22.25	22.04		
15	16QAM	1	0	21.96	21.98	22.09	24	1
15	16QAM	1	37	22.12	22.06	22.19		
15	16QAM	1	74	22.19	22.33	22.06		
15	16QAM	36	0	21.02	21.11	21.32	23	2
15	16QAM	36	20	20.99	21.28	21.28		
15	16QAM	36	39	21.01	21.14	21.16		
15	16QAM	75	0	21.11	21.11	21.34		
15	64QAM	1	0	21.26	21.45	21.51	23	2
15	64QAM	1	37	21.16	21.41	21.36		
15	64QAM	1	74	21.14	21.10	21.31		
15	64QAM	36	0	19.98	20.08	20.24	22	3
15	64QAM	36	20	20.12	20.12	20.30		
15	64QAM	36	39	20.00	20.09	20.22		
15	64QAM	75	0	20.11	20.18	20.31		
15	256QAM	1	0	18.99	18.92	18.80	20	5
15	256QAM	1	37	18.50	18.72	18.72		
15	256QAM	1	74	18.44	18.55	18.64		
15	256QAM	36	0	18.39	18.25	18.35	20	5
15	256QAM	36	20	18.56	18.47	18.38		
15	256QAM	36	39	18.55	18.45	18.47		
15	256QAM	75	0	18.49	18.56	18.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.08	23.36	23.29	25	0
10	QPSK	1	25	23.01	23.32	23.16		
10	QPSK	1	49	23.05	23.24	23.20		
10	QPSK	25	0	22.04	22.24	22.36	24	1
10	QPSK	25	12	22.05	22.25	22.31		
10	QPSK	25	25	22.13	22.24	22.37		
10	QPSK	50	0	22.08	22.20	22.34		
10	16QAM	1	0	22.32	22.53	22.41	24	1
10	16QAM	1	25	22.34	22.58	22.35		
10	16QAM	1	49	22.69	22.65	22.33		
10	16QAM	25	0	20.97	21.21	21.35	23	2
10	16QAM	25	12	20.98	21.16	21.35		
10	16QAM	25	25	21.04	21.18	21.36		
10	16QAM	50	0	21.07	21.23	21.40		
10	64QAM	1	0	21.39	21.61	21.64	23	2
10	64QAM	1	25	21.32	21.39	21.62		
10	64QAM	1	49	21.17	21.63	21.64		
10	64QAM	25	0	19.97	20.23	20.39	22	3
10	64QAM	25	12	20.03	20.21	20.22		
10	64QAM	25	25	20.06	20.26	20.40		
10	64QAM	50	0	20.04	20.16	20.35		
10	256QAM	1	0	18.88	18.78	18.75	20	5
10	256QAM	1	25	18.59	18.76	18.66		
10	256QAM	1	49	18.45	18.65	18.48		
10	256QAM	25	0	18.18	18.26	18.42	20	5
10	256QAM	25	12	18.42	18.34	18.58		
10	256QAM	25	25	18.61	18.50	18.52		
10	256QAM	50	0	18.45	18.45	18.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.99	23.31	23.39	25	0
5	QPSK	1	12	23.07	23.33	23.46		
5	QPSK	1	24	23.03	23.29	23.45		
5	QPSK	12	0	22.03	22.26	22.33	24	1
5	QPSK	12	7	22.05	22.28	22.35		
5	QPSK	12	13	22.11	22.24	22.43		
5	QPSK	25	0	22.10	22.31	22.42		
5	16QAM	1	0	22.57	22.52	22.71	24	1
5	16QAM	1	12	22.44	22.62	22.81		
5	16QAM	1	24	22.17	22.35	22.78		
5	16QAM	12	0	21.11	21.23	21.35	23	2
5	16QAM	12	7	21.04	21.28	21.42		
5	16QAM	12	13	21.07	21.23	21.45		
5	16QAM	25	0	21.12	21.30	21.38		
5	64QAM	1	0	21.33	21.17	21.73	23	2
5	64QAM	1	12	21.28	21.22	21.66		
5	64QAM	1	24	21.31	21.03	21.17		
5	64QAM	12	0	20.08	20.27	20.41	22	3
5	64QAM	12	7	20.02	20.29	20.33		
5	64QAM	12	13	20.08	20.26	20.46		
5	64QAM	25	0	20.07	20.29	20.40		
5	256QAM	1	0	18.89	18.96	18.87	20	5
5	256QAM	1	12	18.51	18.75	18.72		
5	256QAM	1	24	18.43	18.57	18.59		
5	256QAM	12	0	18.19	18.26	18.49	20	5
5	256QAM	12	7	18.41	18.44	18.43		
5	256QAM	12	13	18.58	18.35	18.56		
5	256QAM	25	0	18.52	18.33	18.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.17	23.41	23.40	25	0
3	QPSK	1	8	22.98	23.09	23.44		
3	QPSK	1	14	23.03	23.19	23.29		
3	QPSK	8	0	22.15	22.22	22.22	24	1
3	QPSK	8	4	21.98	22.29	22.04		
3	QPSK	8	7	22.04	22.19	22.03		
3	QPSK	15	0	22.05	22.22	22.02		
3	16QAM	1	0	21.99	22.01	22.07	24	1
3	16QAM	1	8	22.11	22.18	22.31		
3	16QAM	1	14	22.09	22.31	22.07		
3	16QAM	8	0	20.97	21.10	21.33	23	2
3	16QAM	8	4	21.18	21.27	21.16		
3	16QAM	8	7	21.01	21.02	21.21		
3	16QAM	15	0	21.04	21.14	21.31		
3	64QAM	1	0	21.11	21.31	21.36	23	2
3	64QAM	1	8	21.29	21.46	21.37		
3	64QAM	1	14	21.29	21.05	21.46		
3	64QAM	8	0	19.99	20.19	20.18	22	3
3	64QAM	8	4	20.08	20.11	20.20		
3	64QAM	8	7	19.96	20.03	20.29		
3	64QAM	15	0	19.99	20.10	20.12		
3	256QAM	1	0	19.08	18.99	19.00	20	5
3	256QAM	1	8	18.60	18.58	18.65		
3	256QAM	1	14	18.43	18.56	18.49		
3	256QAM	8	0	18.33	18.42	18.43	20	5
3	256QAM	8	4	18.65	18.44	18.57		
3	256QAM	8	7	18.40	18.43	18.53		
3	256QAM	15	0	18.42	18.50	18.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.99	23.27	23.44	25	0
1.4	QPSK	1	3	23.02	23.21	23.44		
1.4	QPSK	1	5	22.96	23.25	23.53		
1.4	QPSK	3	0	23.05	23.27	23.41		
1.4	QPSK	3	1	22.99	23.09	23.40		
1.4	QPSK	3	3	23.04	23.20	23.47		
1.4	QPSK	6	0	21.97	22.22	22.47	24	1
1.4	16QAM	1	0	22.45	22.80	22.59	24	1
1.4	16QAM	1	3	22.30	22.06	22.99		
1.4	16QAM	1	5	22.37	22.62	22.66		
1.4	16QAM	3	0	22.15	22.45	22.30		
1.4	16QAM	3	1	22.13	22.13	22.39		
1.4	16QAM	3	3	22.19	22.16	22.29		
1.4	16QAM	6	0	21.15	21.19	21.51	23	2
1.4	64QAM	1	0	20.98	21.25	21.46	23	2
1.4	64QAM	1	3	21.20	21.61	21.68		
1.4	64QAM	1	5	21.07	21.59	21.50		
1.4	64QAM	3	0	20.99	21.42	21.52		
1.4	64QAM	3	1	21.06	21.34	21.54		
1.4	64QAM	3	3	21.00	21.39	21.49		
1.4	64QAM	6	0	19.96	20.10	20.42	22	3
1.4	256QAM	1	0	18.86	19.01	18.84	20	5
1.4	256QAM	1	3	18.70	18.57	18.67		
1.4	256QAM	1	5	18.44	18.47	18.60		
1.4	256QAM	3	0	18.30	18.29	18.39		
1.4	256QAM	3	1	18.43	18.39	18.56		
1.4	256QAM	3	3	18.54	18.48	18.45		
1.4	256QAM	6	0	18.46	18.36	18.47	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 7_Ant 3

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	22.67	22.94	22.93	24	0
20	QPSK	1	49	22.64	22.67	22.80		
20	QPSK	1	99	22.42	22.71	22.72		
20	QPSK	50	0	21.60	21.81	21.51	23	1
20	QPSK	50	24	21.44	21.77	21.48		
20	QPSK	50	50	21.31	21.77	21.50		
20	QPSK	100	0	21.43	21.73	21.47		
20	16QAM	1	0	21.51	21.73	21.55	23	1
20	16QAM	1	49	21.38	21.80	21.56		
20	16QAM	1	99	21.53	22.25	22.09		
20	16QAM	50	0	20.37	20.74	20.48	22	2
20	16QAM	50	24	20.46	20.75	20.56		
20	16QAM	50	50	20.62	20.75	20.55		
20	16QAM	100	0	20.39	20.71	20.48		
20	64QAM	1	0	20.21	20.95	20.80	22	2
20	64QAM	1	49	20.60	21.07	20.78		
20	64QAM	1	99	20.93	21.04	20.85		
20	64QAM	50	0	19.32	19.71	19.50	21	3
20	64QAM	50	24	19.44	19.81	19.55		
20	64QAM	50	50	19.61	19.81	19.54		
20	64QAM	100	0	19.46	19.78	19.47		
20	256QAM	1	0	17.98	17.89	17.99	19	5
20	256QAM	1	49	17.72	17.87	17.78		
20	256QAM	1	99	17.59	17.70	17.72		
20	256QAM	50	0	17.63	17.71	17.74	19	5
20	256QAM	50	24	17.70	17.68	17.53		
20	256QAM	50	50	17.45	17.60	17.57		
20	256QAM	100	0	17.54	17.64	17.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.61	22.84	22.93	24	0
15	QPSK	1	37	22.54	22.50	22.66		
15	QPSK	1	74	22.37	22.61	22.65		
15	QPSK	36	0	21.53	21.80	21.44	23	1
15	QPSK	36	20	21.30	21.76	21.41		
15	QPSK	36	39	21.29	21.63	21.45		
15	QPSK	75	0	21.35	21.62	21.39		
15	16QAM	1	0	21.19	21.54	21.35	23	1
15	16QAM	1	37	21.19	21.73	21.56		
15	16QAM	1	74	21.35	21.94	21.96		
15	16QAM	36	0	20.23	20.63	20.48	22	2
15	16QAM	36	20	20.35	20.56	20.56		
15	16QAM	36	39	20.54	20.75	20.38		
15	16QAM	75	0	20.31	20.55	20.28		
15	64QAM	1	0	20.03	20.81	20.63	22	2
15	64QAM	1	37	20.47	20.91	20.70		
15	64QAM	1	74	20.89	21.02	20.81		
15	64QAM	36	0	19.28	19.55	19.34	21	3
15	64QAM	36	20	19.28	19.68	19.47		
15	64QAM	36	39	19.52	19.76	19.47		
15	64QAM	75	0	19.46	19.75	19.43		
15	256QAM	1	0	17.90	17.99	17.99	19	5
15	256QAM	1	37	17.57	17.97	17.85		
15	256QAM	1	74	17.57	17.74	17.61		
15	256QAM	36	0	17.52	17.64	17.79	19	5
15	256QAM	36	20	17.70	17.55	17.58		
15	256QAM	36	39	17.51	17.66	17.67		
15	256QAM	75	0	17.40	17.56	17.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.47	22.80	22.79	24	0
10	QPSK	1	25	22.46	22.63	22.58		
10	QPSK	1	49	22.29	22.48	22.71		
10	QPSK	25	0	21.29	21.76	21.54	23	1
10	QPSK	25	12	21.34	21.80	21.53		
10	QPSK	25	25	21.42	21.79	21.56		
10	QPSK	50	0	21.37	21.79	21.55		
10	16QAM	1	0	21.41	22.12	21.89	23	1
10	16QAM	1	25	21.60	22.06	21.90		
10	16QAM	1	49	21.72	22.17	21.81		
10	16QAM	25	0	20.22	20.73	20.48	22	2
10	16QAM	25	12	20.29	20.75	20.49		
10	16QAM	25	25	20.34	20.75	20.53		
10	16QAM	50	0	20.34	20.80	20.55		
10	64QAM	1	0	20.36	20.82	20.61	22	2
10	64QAM	1	25	20.65	20.87	20.85		
10	64QAM	1	49	20.72	21.07	20.85		
10	64QAM	25	0	19.26	19.73	19.52	21	3
10	64QAM	25	12	19.33	19.80	19.47		
10	64QAM	25	25	19.38	19.74	19.55		
10	64QAM	50	0	19.29	19.75	19.52		
10	256QAM	1	0	17.98	17.80	18.06	19	5
10	256QAM	1	25	17.77	17.72	17.81		
10	256QAM	1	49	17.68	17.62	17.77		
10	256QAM	25	0	17.48	17.80	17.69	19	5
10	256QAM	25	12	17.61	17.70	17.38		
10	256QAM	25	25	17.33	17.48	17.52		
10	256QAM	50	0	17.42	17.61	17.55		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.31	22.74	22.73	24	0
5	QPSK	1	12	22.35	22.79	22.75		
5	QPSK	1	24	22.43	22.62	22.73		
5	QPSK	12	0	21.32	21.87	21.55	23	1
5	QPSK	12	7	21.34	21.82	21.58		
5	QPSK	12	13	21.34	21.79	21.57		
5	QPSK	25	0	21.35	21.81	21.62		
5	16QAM	1	0	21.61	22.15	21.88	23	1
5	16QAM	1	12	21.75	22.21	21.89		
5	16QAM	1	24	21.26	22.23	21.70		
5	16QAM	12	0	20.29	20.81	20.58	22	2
5	16QAM	12	7	20.39	20.78	20.64		
5	16QAM	12	13	20.42	20.87	20.59		
5	16QAM	25	0	20.42	20.85	20.51		
5	64QAM	1	0	20.15	20.91	20.68	22	2
5	64QAM	1	12	20.04	20.93	20.82		
5	64QAM	1	24	20.38	20.93	20.84		
5	64QAM	12	0	19.36	19.87	19.56	21	3
5	64QAM	12	7	19.36	19.87	19.60		
5	64QAM	12	13	19.40	19.85	19.60		
5	64QAM	25	0	19.40	19.83	19.58		
5	256QAM	1	0	17.85	17.74	17.95	19	5
5	256QAM	1	12	17.61	17.79	17.75		
5	256QAM	1	24	17.44	17.73	17.58		
5	256QAM	12	0	17.54	17.69	17.59	19	5
5	256QAM	12	7	17.61	17.64	17.49		
5	256QAM	12	13	17.54	17.59	17.43		
5	256QAM	25	0	17.46	17.52	17.41		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.66	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.61	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.82	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.69	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.66			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.67	23.82	23.80	25	0
10	QPSK	1	25	23.65	23.70	23.62		
10	QPSK	1	49	23.66	23.70	23.54		
10	QPSK	25	0	22.67	22.74	22.72	24	1
10	QPSK	25	12	22.64	22.69	22.67		
10	QPSK	25	25	22.65	22.65	22.65		
10	QPSK	50	0	22.69	22.72	22.68		
10	16QAM	1	0	23.17	23.16	22.56	24	1
10	16QAM	1	25	23.23	23.20	22.58		
10	16QAM	1	49	23.24	23.16	22.86		
10	16QAM	25	0	21.71	21.73	21.67	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.72	21.68	21.62		
10	16QAM	50	0	21.66	21.71	21.66		
10	64QAM	1	0	21.67	21.90	21.93	23	2
10	64QAM	1	25	21.68	21.92	22.01		
10	64QAM	1	49	21.82	22.00	21.54		
10	64QAM	25	0	20.71	20.66	20.70	22	3
10	64QAM	25	12	20.69	20.57	20.68		
10	64QAM	25	25	20.75	20.68	20.66		
10	64QAM	50	0	20.66	20.73	20.65		
10	256QAM	1	0	19.00	18.94	18.89	20	5
10	256QAM	1	25	19.09	19.01	18.91		
10	256QAM	1	49	18.95	18.90	18.92		
10	256QAM	25	0	18.70	18.80	18.73	20	5
10	256QAM	25	12	18.84	18.77	18.62		
10	256QAM	25	25	18.82	18.74	18.62		
10	256QAM	50	0	18.66	18.81	18.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.61	23.68	23.59	25	0
5	QPSK	1	12	23.66	23.63	23.61		
5	QPSK	1	24	23.62	23.70	23.79		
5	QPSK	12	0	22.63	22.65	22.66	24	1
5	QPSK	12	7	22.73	22.66	22.67		
5	QPSK	12	13	22.65	22.68	22.70		
5	QPSK	25	0	22.71	22.71	22.69		
5	16QAM	1	0	23.07	22.90	22.80	24	1
5	16QAM	1	12	23.15	23.19	22.98		
5	16QAM	1	24	22.78	23.17	22.80		
5	16QAM	12	0	21.69	21.73	21.72	23	2
5	16QAM	12	7	21.72	21.68	21.64		
5	16QAM	12	13	21.64	21.72	21.64		
5	16QAM	25	0	21.66	21.71	21.76		
5	64QAM	1	0	21.78	21.93	22.05	23	2
5	64QAM	1	12	21.72	21.72	21.68		
5	64QAM	1	24	21.91	21.94	21.93		
5	64QAM	12	0	20.75	20.78	20.64	22	3
5	64QAM	12	7	20.79	20.74	20.63		
5	64QAM	12	13	20.80	20.65	20.78		
5	64QAM	25	0	20.69	20.65	20.63		
5	256QAM	1	0	18.92	18.86	18.82	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	19.05	18.83	19.02		
5	256QAM	12	0	18.74	18.85	18.75	20	5
5	256QAM	12	7	18.79	18.71	18.62		
5	256QAM	12	13	18.67	18.64	18.61		
5	256QAM	25	0	18.52	18.87	18.61		

Band 25_Ant 3

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.03	24.24	23.80	25	0
20	QPSK	1	49	24.00	24.22	23.75		
20	QPSK	1	99	24.01	23.91	23.75		
20	QPSK	50	0	22.94	23.01	22.81	24	1
20	QPSK	50	24	22.87	22.88	22.78		
20	QPSK	50	50	22.85	22.96	22.76		
20	QPSK	100	0	22.87	22.94	22.81		
20	16QAM	1	0	23.13	22.71	22.95	24	1
20	16QAM	1	49	23.02	23.04	22.72		
20	16QAM	1	99	22.60	23.22	22.76		
20	16QAM	50	0	22.00	21.89	21.78	23	2
20	16QAM	50	24	21.94	21.92	21.75		
20	16QAM	50	50	21.85	21.97	21.74		
20	16QAM	100	0	21.90	21.89	21.76		
20	64QAM	1	0	22.25	22.09	22.07	23	2
20	64QAM	1	49	22.26	22.04	21.83		
20	64QAM	1	99	22.00	21.96	22.29		
20	64QAM	50	0	21.03	20.83	20.96	22	3
20	64QAM	50	24	20.96	20.77	20.97		
20	64QAM	50	50	20.82	20.77	20.96		
20	64QAM	100	0	20.93	20.75	20.99		
20	256QAM	1	0	19.06	19.03	18.90	20	5
20	256QAM	1	49	18.91	19.00	18.87		
20	256QAM	1	99	18.84	18.96	19.02		
20	256QAM	50	0	18.75	18.87	18.97	20	5
20	256QAM	50	24	18.80	18.89	18.78		
20	256QAM	50	50	18.83	18.89	18.83		
20	256QAM	100	0	18.85	18.87	18.72		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.86	24.14	23.74	25	0
15	QPSK	1	37	23.87	24.17	23.68		
15	QPSK	1	74	23.87	23.71	23.63		
15	QPSK	36	0	22.82	22.98	22.72	24	1
15	QPSK	36	20	22.75	22.71	22.77		
15	QPSK	36	39	22.70	22.78	22.65		
15	QPSK	75	0	22.86	22.79	22.63		
15	16QAM	1	0	23.07	22.54	22.89	24	1
15	16QAM	1	37	22.89	22.94	22.68		
15	16QAM	1	74	22.52	23.04	22.72		
15	16QAM	36	0	21.83	21.71	21.61	23	2
15	16QAM	36	20	21.75	21.87	21.62		
15	16QAM	36	39	21.74	21.86	21.60		
15	16QAM	75	0	21.80	21.84	21.71		
15	64QAM	1	0	22.15	21.91	21.94	23	2
15	64QAM	1	37	22.22	22.04	21.83		
15	64QAM	1	74	21.94	21.77	22.16		
15	64QAM	36	0	21.00	20.66	20.94	22	3
15	64QAM	36	20	20.84	20.70	20.84		
15	64QAM	36	39	20.63	20.76	20.88		
15	64QAM	75	0	20.90	20.75	20.86		
15	256QAM	1	0	18.99	19.12	18.92	20	5
15	256QAM	1	37	18.80	18.98	18.90		
15	256QAM	1	74	18.73	18.95	19.01		
15	256QAM	36	0	18.75	18.96	19.05	20	5
15	256QAM	36	20	18.85	18.74	18.65		
15	256QAM	36	39	18.83	18.84	18.77		
15	256QAM	75	0	18.73	18.91	18.67		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.91	23.60	23.84	25	0
10	QPSK	1	25	23.81	23.86	24.08		
10	QPSK	1	49	23.74	23.55	24.02		
10	QPSK	25	0	22.97	22.76	22.93	24	1
10	QPSK	25	12	22.91	22.75	22.96		
10	QPSK	25	25	22.94	22.74	22.95		
10	QPSK	50	0	22.95	22.71	22.94		
10	16QAM	1	0	23.07	23.06	23.02	24	1
10	16QAM	1	25	23.22	23.13	23.37		
10	16QAM	1	49	23.13	23.03	23.19		
10	16QAM	25	0	22.01	21.70	21.88	23	2
10	16QAM	25	12	21.95	21.64	21.94		
10	16QAM	25	25	21.90	21.64	21.95		
10	16QAM	50	0	21.98	21.71	21.99		
10	64QAM	1	0	22.02	21.76	22.21	23	2
10	64QAM	1	25	22.03	21.84	21.99		
10	64QAM	1	49	21.84	22.02	22.14		
10	64QAM	25	0	21.02	20.79	20.99	22	3
10	64QAM	25	12	20.99	20.73	20.96		
10	64QAM	25	25	20.96	20.73	20.94		
10	64QAM	50	0	21.01	20.71	20.93		
10	256QAM	1	0	18.98	19.12	18.86	20	5
10	256QAM	1	25	18.77	18.98	18.90		
10	256QAM	1	49	18.73	18.82	18.93		
10	256QAM	25	0	18.79	18.87	19.05	20	5
10	256QAM	25	12	18.68	18.90	18.76		
10	256QAM	25	25	18.82	18.79	18.78		
10	256QAM	50	0	18.78	18.97	18.70		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.98	23.84	23.78	25	0
5	QPSK	1	12	23.94	23.84	23.93		
5	QPSK	1	24	23.70	23.69	24.10		
5	QPSK	12	0	23.00	22.77	23.11	24	1
5	QPSK	12	7	22.97	22.71	23.05		
5	QPSK	12	13	22.94	22.74	23.11		
5	QPSK	25	0	23.05	22.77	23.13		
5	16QAM	1	0	23.10	22.73	22.84	24	1
5	16QAM	1	12	23.31	22.98	22.94		
5	16QAM	1	24	23.44	22.87	23.64		
5	16QAM	12	0	21.96	21.71	22.07	23	2
5	16QAM	12	7	21.98	21.80	22.06		
5	16QAM	12	13	21.96	21.78	22.16		
5	16QAM	25	0	22.08	21.77	22.04		
5	64QAM	1	0	21.94	21.99	22.24	23	2
5	64QAM	1	12	22.21	22.19	22.36		
5	64QAM	1	24	22.00	22.11	22.37		
5	64QAM	12	0	21.09	21.00	21.02	22	3
5	64QAM	12	7	21.20	20.92	21.25		
5	64QAM	12	13	21.03	20.94	21.05		
5	64QAM	25	0	21.09	20.83	21.02		
5	256QAM	1	0	19.12	18.94	18.95	20	5
5	256QAM	1	12	18.82	18.96	18.75		
5	256QAM	1	24	18.86	18.96	19.04		
5	256QAM	12	0	18.82	18.84	19.01	20	5
5	256QAM	12	7	18.68	18.89	18.86		
5	256QAM	12	13	18.80	18.97	18.69		
5	256QAM	25	0	18.85	18.97	18.62		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.02	24.15	23.79	25	0
3	QPSK	1	8	23.86	24.15	23.67		
3	QPSK	1	14	23.83	23.86	23.75		
3	QPSK	8	0	22.80	22.93	22.61	24	1
3	QPSK	8	4	22.76	22.76	22.72		
3	QPSK	8	7	22.65	22.81	22.62		
3	QPSK	15	0	22.82	22.83	22.67		
3	16QAM	1	0	23.02	22.53	22.95	24	1
3	16QAM	1	8	22.89	23.00	22.53		
3	16QAM	1	14	22.43	23.11	22.70		
3	16QAM	8	0	21.97	21.80	21.78	23	2
3	16QAM	8	4	21.89	21.84	21.66		
3	16QAM	8	7	21.78	21.85	21.59		
3	16QAM	15	0	21.74	21.84	21.59		
3	64QAM	1	0	22.17	22.06	22.00	23	2
3	64QAM	1	8	22.08	22.03	21.80		
3	64QAM	1	14	21.86	21.86	22.22		
3	64QAM	8	0	20.91	20.69	20.80	22	3
3	64QAM	8	4	20.80	20.76	20.87		
3	64QAM	8	7	20.62	20.67	20.85		
3	64QAM	15	0	20.73	20.74	20.82		
3	256QAM	1	0	19.09	18.91	18.78	20	5
3	256QAM	1	8	18.89	19.01	18.95		
3	256QAM	1	14	18.82	18.99	19.12		
3	256QAM	8	0	18.79	18.77	18.82	20	5
3	256QAM	8	4	18.77	18.99	18.78		
3	256QAM	8	7	18.87	18.98	18.83		
3	256QAM	15	0	18.79	18.86	18.70		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.07	23.75	23.90	25	0
1.4	QPSK	1	3	23.89	23.76	24.05		
1.4	QPSK	1	5	24.03	23.78	24.15		
1.4	QPSK	3	0	23.97	23.82	24.13		
1.4	QPSK	3	1	23.96	23.64	24.01		
1.4	QPSK	3	3	23.93	23.75	24.09		
1.4	QPSK	6	0	22.96	22.66	23.18	24	1
1.4	16QAM	1	0	23.08	23.22	22.99	24	1
1.4	16QAM	1	3	23.09	23.15	23.10		
1.4	16QAM	1	5	23.07	23.19	22.89		
1.4	16QAM	3	0	22.83	22.81	22.94		
1.4	16QAM	3	1	22.90	22.90	23.16		
1.4	16QAM	3	3	22.89	22.65	23.19		
1.4	16QAM	6	0	22.02	21.82	22.20	23	2
1.4	64QAM	1	0	21.99	22.05	22.13	23	2
1.4	64QAM	1	3	21.95	21.86	22.05		
1.4	64QAM	1	5	21.97	21.79	22.34		
1.4	64QAM	3	0	21.73	21.92	22.06		
1.4	64QAM	3	1	22.06	21.84	22.06		
1.4	64QAM	3	3	21.79	22.01	22.42		
1.4	64QAM	6	0	21.09	20.78	20.99	22	3
1.4	256QAM	1	0	19.08	19.12	18.83	20	5
1.4	256QAM	1	3	18.81	19.03	18.79		
1.4	256QAM	1	5	18.77	18.82	18.97		
1.4	256QAM	3	0	18.63	18.89	18.86		
1.4	256QAM	3	1	18.69	18.79	18.80		
1.4	256QAM	3	3	18.91	18.99	18.92		
1.4	256QAM	6	0	18.87	18.79	18.62	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	24.06	23.96	25	0
15	QPSK	1	37	23.76	23.82	23.86		
15	QPSK	1	74	23.78	23.80	23.76		
15	QPSK	36	0	22.93	22.97	22.87	24	1
15	QPSK	36	20	22.90	22.90	22.85		
15	QPSK	36	39	22.85	22.92	22.86		
15	QPSK	75	0	22.92	22.95	22.88		
15	16QAM	1	0	22.91	23.00	23.03	24	1
15	16QAM	1	37	23.07	23.39	23.34		
15	16QAM	1	74	22.98	23.02	23.28		
15	16QAM	36	0	21.94	21.88	21.86	23	2
15	16QAM	36	20	21.96	21.92	21.89		
15	16QAM	36	39	21.94	21.94	21.88		
15	16QAM	75	0	21.97	21.91	21.90		
15	64QAM	1	0	21.89	22.19	22.16	23	2
15	64QAM	1	37	22.29	21.75	22.13		
15	64QAM	1	74	22.23	22.13	21.81		
15	64QAM	36	0	20.98	20.92	20.90	22	3
15	64QAM	36	20	20.98	20.89	20.92		
15	64QAM	36	39	20.97	20.86	20.86		
15	64QAM	75	0	20.96	20.91	20.92		
15	256QAM	1	0	18.68	18.83	18.88	20	5
15	256QAM	1	37	18.88	18.89	18.90		
15	256QAM	1	74	18.84	18.88	18.75		
15	256QAM	36	0	18.75	18.65	18.68	20	5
15	256QAM	36	20	18.70	18.70	18.70		
15	256QAM	36	39	18.53	18.66	18.69		
15	256QAM	75	0	18.73	18.69	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.95	23.99	23.82	25	0
10	QPSK	1	25	23.81	23.83	23.71		
10	QPSK	1	49	23.88	23.81	23.75		
10	QPSK	25	0	22.90	22.84	22.80	24	1
10	QPSK	25	12	22.89	22.85	22.78		
10	QPSK	25	25	22.89	22.84	22.76		
10	QPSK	50	0	22.91	22.90	22.79		
10	16QAM	1	0	22.93	22.92	23.34	24	1
10	16QAM	1	25	22.88	22.84	22.89		
10	16QAM	1	49	23.03	22.99	23.32		
10	16QAM	25	0	21.89	21.77	21.77	23	2
10	16QAM	25	12	21.86	21.83	21.80		
10	16QAM	25	25	21.82	21.77	21.69		
10	16QAM	50	0	21.87	21.77	21.82		
10	64QAM	1	0	21.87	21.94	22.07	23	2
10	64QAM	1	25	21.80	22.10	22.00		
10	64QAM	1	49	21.87	22.11	21.62		
10	64QAM	25	0	20.86	20.78	20.83	22	3
10	64QAM	25	12	20.85	20.81	20.73		
10	64QAM	25	25	20.83	20.86	20.77		
10	64QAM	50	0	20.87	20.84	20.75		
10	256QAM	1	0	18.62	18.85	18.94	20	5
10	256QAM	1	25	18.98	18.86	18.98		
10	256QAM	1	49	18.84	18.77	18.68		
10	256QAM	25	0	18.70	18.60	18.55	20	5
10	256QAM	25	12	18.68	18.77	18.57		
10	256QAM	25	25	18.40	18.61	18.60		
10	256QAM	50	0	18.59	18.71	18.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.99	23.84	23.95	25	0
5	QPSK	1	12	24.00	23.98	23.81		
5	QPSK	1	24	23.91	23.82	23.87		
5	QPSK	12	0	22.85	22.80	22.79	24	1
5	QPSK	12	7	22.91	22.87	22.83		
5	QPSK	12	13	22.90	22.87	22.77		
5	QPSK	25	0	22.91	22.83	22.84		
5	16QAM	1	0	22.86	23.17	23.14	24	1
5	16QAM	1	12	22.98	22.88	23.28		
5	16QAM	1	24	22.98	23.31	23.12		
5	16QAM	12	0	21.89	21.84	21.82	23	2
5	16QAM	12	7	21.94	21.84	21.85		
5	16QAM	12	13	21.90	21.79	21.79		
5	16QAM	25	0	21.92	21.77	21.79		
5	64QAM	1	0	21.83	22.15	22.08	23	2
5	64QAM	1	12	21.88	22.14	22.11		
5	64QAM	1	24	21.86	22.15	22.08		
5	64QAM	12	0	20.83	20.86	20.88	22	3
5	64QAM	12	7	20.90	20.84	20.86		
5	64QAM	12	13	20.88	20.83	20.87		
5	64QAM	25	0	20.88	20.83	20.77		
5	256QAM	1	0	18.65	18.91	18.81	20	5
5	256QAM	1	12	18.97	18.78	18.78		
5	256QAM	1	24	18.94	18.95	18.79		
5	256QAM	12	0	18.61	18.51	18.68	20	5
5	256QAM	12	7	18.70	18.78	18.66		
5	256QAM	12	13	18.60	18.55	18.69		
5	256QAM	25	0	18.81	18.65	18.60		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.85	23.99	23.87	25	0
3	QPSK	1	8	23.71	23.73	23.71		
3	QPSK	1	14	23.66	23.80	23.74		
3	QPSK	8	0	22.73	22.89	22.79	24	1
3	QPSK	8	4	22.78	22.90	22.73		
3	QPSK	8	7	22.71	22.82	22.80		
3	QPSK	15	0	22.77	22.87	22.81		
3	16QAM	1	0	22.78	23.00	22.84	24	1
3	16QAM	1	8	23.07	23.23	23.28		
3	16QAM	1	14	22.89	23.01	23.11		
3	16QAM	8	0	21.90	21.80	21.67	23	2
3	16QAM	8	4	21.95	21.81	21.71		
3	16QAM	8	7	21.82	21.84	21.87		
3	16QAM	15	0	21.85	21.85	21.74		
3	64QAM	1	0	21.84	22.13	22.06	23	2
3	64QAM	1	8	22.17	21.60	21.94		
3	64QAM	1	14	22.12	22.12	21.80		
3	64QAM	8	0	20.97	20.78	20.77	22	3
3	64QAM	8	4	20.83	20.86	20.76		
3	64QAM	8	7	20.89	20.85	20.69		
3	64QAM	15	0	20.90	20.71	20.87		
3	256QAM	1	0	18.53	18.81	18.78	20	5
3	256QAM	1	8	18.91	18.81	18.83		
3	256QAM	1	14	18.78	18.73	18.77		
3	256QAM	8	0	18.60	18.66	18.64	20	5
3	256QAM	8	4	18.59	18.70	18.65		
3	256QAM	8	7	18.55	18.72	18.54		
3	256QAM	15	0	18.77	18.66	18.42		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.93	23.86	23.88	25	0
1.4	QPSK	1	3	23.97	23.83	23.79		
1.4	QPSK	1	5	23.93	23.82	23.77		
1.4	QPSK	3	0	23.83	23.85	23.69		
1.4	QPSK	3	1	23.85	23.84	23.69		
1.4	QPSK	3	3	23.78	23.76	23.74		
1.4	QPSK	6	0	22.81	22.83	22.75	24	1
1.4	16QAM	1	0	22.97	22.89	23.27	24	1
1.4	16QAM	1	3	22.92	22.74	22.85		
1.4	16QAM	1	5	22.73	22.76	22.66		
1.4	16QAM	3	0	22.83	22.80	22.80		
1.4	16QAM	3	1	22.82	22.62	22.77		
1.4	16QAM	3	3	22.86	22.87	22.72		
1.4	16QAM	6	0	21.79	21.89	21.76	23	2
1.4	64QAM	1	0	22.08	22.09	22.05	23	2
1.4	64QAM	1	3	22.09	21.63	22.05		
1.4	64QAM	1	5	22.08	22.09	21.82		
1.4	64QAM	3	0	21.86	21.96	22.02		
1.4	64QAM	3	1	21.65	21.91	21.88		
1.4	64QAM	3	3	22.00	21.88	21.94		
1.4	64QAM	6	0	20.78	20.73	20.72	22	3
1.4	256QAM	1	0	18.55	18.88	18.98	20	5
1.4	256QAM	1	3	18.85	18.96	18.81		
1.4	256QAM	1	5	18.74	18.89	18.78		
1.4	256QAM	3	0	18.69	18.65	18.56		
1.4	256QAM	3	1	18.65	18.73	18.58		
1.4	256QAM	3	3	18.40	18.59	18.55		
1.4	256QAM	6	0	18.68	18.55	18.52	20	5

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.98		24	0
10	QPSK	1	25		22.76			
10	QPSK	1	49		22.48			
10	QPSK	25	0		21.82		23	1
10	QPSK	25	12		21.80			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.75			
10	16QAM	1	0		21.88		23	1
10	16QAM	1	25		22.08			
10	16QAM	1	49		21.97			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.81			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.81			
10	64QAM	1	0		20.79		22	2
10	64QAM	1	25		20.79			
10	64QAM	1	49		20.82			
10	64QAM	25	0		19.73		21	3
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.74			
10	64QAM	50	0		19.75			
10	256QAM	1	0		17.79		19	5
10	256QAM	1	25		17.85			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.69		19	5
10	256QAM	25	12		17.69			
10	256QAM	25	25		17.73			
10	256QAM	50	0		17.71			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.89	22.88	22.85	24	0
5	QPSK	1	12	22.96	22.74	22.79		
5	QPSK	1	24	22.78	22.76	22.66		
5	QPSK	12	0	21.88	21.81	21.82	23	1
5	QPSK	12	7	21.87	21.82	21.77		
5	QPSK	12	13	21.79	21.76	21.68		
5	QPSK	25	0	21.85	21.84	21.76		
5	16QAM	1	0	21.67	21.92	22.24	23	1
5	16QAM	1	12	21.61	22.23	22.19		
5	16QAM	1	24	21.70	22.27	21.96		
5	16QAM	12	0	20.88	20.92	20.80	22	2
5	16QAM	12	7	20.92	20.87	20.76		
5	16QAM	12	13	20.89	20.80	20.84		
5	16QAM	25	0	20.84	20.85	20.83		
5	64QAM	1	0	20.82	21.24	20.82	22	2
5	64QAM	1	12	20.87	21.04	21.01		
5	64QAM	1	24	20.80	20.80	20.61		
5	64QAM	12	0	19.86	19.87	19.88	21	3
5	64QAM	12	7	19.88	19.87	19.86		
5	64QAM	12	13	19.86	19.78	19.78		
5	64QAM	25	0	19.80	19.83	19.85		
5	256QAM	1	0	17.82	17.76	17.78	19	5
5	256QAM	1	12	17.89	17.74	17.79		
5	256QAM	1	24	17.91	17.99	17.97		
5	256QAM	12	0	17.63	17.79	17.71	19	5
5	256QAM	12	7	17.79	17.56	17.54		
5	256QAM	12	13	17.66	17.75	17.83		
5	256QAM	25	0	17.68	17.79	17.56		

Band 66_Ant 3

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	23.53	23.62	23.51	25	0
20	QPSK	1	49	23.42	23.59	23.38		
20	QPSK	1	99	23.49	23.40	23.38		
20	QPSK	50	0	22.51	22.58	22.55	24	1
20	QPSK	50	24	22.50	22.54	22.53		
20	QPSK	50	50	22.37	22.49	22.49		
20	QPSK	100	0	22.41	22.53	22.48		
20	16QAM	1	0	22.54	22.79	22.36	24	1
20	16QAM	1	49	22.60	22.89	22.42		
20	16QAM	1	99	22.57	22.71	22.65		
20	16QAM	50	0	21.55	21.58	21.52	23	2
20	16QAM	50	24	21.57	21.44	21.57		
20	16QAM	50	50	21.64	21.35	21.44		
20	16QAM	100	0	21.56	21.38	21.50		
20	64QAM	1	0	21.55	21.69	21.74	23	2
20	64QAM	1	49	21.67	21.72	21.83		
20	64QAM	1	99	21.54	21.48	21.77		
20	64QAM	50	0	20.54	20.50	20.52	22	3
20	64QAM	50	24	20.55	20.44	20.52		
20	64QAM	50	50	20.60	20.36	20.51		
20	64QAM	100	0	20.53	20.36	20.45		
20	256QAM	1	0	18.61	18.59	18.45	20	5
20	256QAM	1	49	18.52	18.67	18.62		
20	256QAM	1	99	18.73	18.71	18.79		
20	256QAM	50	0	18.40	18.53	18.62	20	5
20	256QAM	50	24	18.65	18.56	18.48		
20	256QAM	50	50	18.48	18.57	18.62		
20	256QAM	100	0	18.54	18.54	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.61	23.32	25	0
15	QPSK	1	37	23.22	23.44	23.31		
15	QPSK	1	74	23.49	23.40	23.35		
15	QPSK	36	0	22.54	22.45	22.43	24	1
15	QPSK	36	20	22.47	22.48	22.33		
15	QPSK	36	39	22.38	22.17	22.39		
15	QPSK	75	0	22.50	22.32	22.35		
15	16QAM	1	0	22.42	22.69	22.29	24	1
15	16QAM	1	37	22.56	22.70	22.28		
15	16QAM	1	74	22.56	22.55	22.61		
15	16QAM	36	0	21.37	21.54	21.40	23	2
15	16QAM	36	20	21.37	21.31	21.53		
15	16QAM	36	39	21.52	21.22	21.35		
15	16QAM	75	0	21.40	21.32	21.47		
15	64QAM	1	0	21.43	21.63	21.56	23	2
15	64QAM	1	37	21.59	21.53	21.79		
15	64QAM	1	74	21.41	21.31	21.69		
15	64QAM	36	0	20.39	20.47	20.46	22	3
15	64QAM	36	20	20.45	20.33	20.52		
15	64QAM	36	39	20.55	20.20	20.43		
15	64QAM	75	0	20.44	20.28	20.39		
15	256QAM	1	0	18.69	18.44	18.48	20	5
15	256QAM	1	37	18.49	18.75	18.58		
15	256QAM	1	74	18.72	18.69	18.69		
15	256QAM	36	0	18.28	18.60	18.52	20	5
15	256QAM	36	20	18.72	18.63	18.54		
15	256QAM	36	39	18.52	18.47	18.69		
15	256QAM	75	0	18.40	18.51	18.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.49	23.40	23.45	25	0
10	QPSK	1	25	23.27	23.52	23.37		
10	QPSK	1	49	23.48	23.18	23.43		
10	QPSK	25	0	22.44	22.32	22.59	24	1
10	QPSK	25	12	22.41	22.31	22.49		
10	QPSK	25	25	22.45	22.32	22.47		
10	QPSK	50	0	22.43	22.29	22.53		
10	16QAM	1	0	22.65	22.48	22.71	24	1
10	16QAM	1	25	22.71	22.44	22.54		
10	16QAM	1	49	22.83	22.70	22.52		
10	16QAM	25	0	21.41	21.39	21.63	23	2
10	16QAM	25	12	21.42	21.26	21.52		
10	16QAM	25	25	21.42	21.27	21.47		
10	16QAM	50	0	21.46	21.36	21.47		
10	64QAM	1	0	21.51	21.33	21.56	23	2
10	64QAM	1	25	21.77	21.29	21.43		
10	64QAM	1	49	21.78	21.37	21.47		
10	64QAM	25	0	20.39	20.31	20.58	22	3
10	64QAM	25	12	20.38	20.29	20.48		
10	64QAM	25	25	20.51	20.35	20.52		
10	64QAM	50	0	20.44	20.34	20.56		
10	256QAM	1	0	18.49	18.54	18.40	20	5
10	256QAM	1	25	18.57	18.62	18.68		
10	256QAM	1	49	18.65	18.73	18.78		
10	256QAM	25	0	18.25	18.50	18.52	20	5
10	256QAM	25	12	18.71	18.61	18.45		
10	256QAM	25	25	18.42	18.44	18.54		
10	256QAM	50	0	18.55	18.45	18.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.44	23.39	25	0
5	QPSK	1	12	23.39	23.41	23.46		
5	QPSK	1	24	23.60	23.46	23.50		
5	QPSK	12	0	22.49	22.37	22.48	24	1
5	QPSK	12	7	22.40	22.36	22.54		
5	QPSK	12	13	22.40	22.34	22.44		
5	QPSK	25	0	22.47	22.35	22.54		
5	16QAM	1	0	22.26	22.37	22.64	24	1
5	16QAM	1	12	22.53	22.64	22.68		
5	16QAM	1	24	22.53	22.21	22.74		
5	16QAM	12	0	21.55	21.46	21.56	23	2
5	16QAM	12	7	21.49	21.39	21.56		
5	16QAM	12	13	21.49	21.43	21.48		
5	16QAM	25	0	21.53	21.44	21.49		
5	64QAM	1	0	21.76	21.57	21.58	23	2
5	64QAM	1	12	21.74	21.78	21.57		
5	64QAM	1	24	21.66	21.45	21.65		
5	64QAM	12	0	20.59	20.51	20.59	22	3
5	64QAM	12	7	20.40	20.45	20.61		
5	64QAM	12	13	20.43	20.45	20.49		
5	64QAM	25	0	20.47	20.38	20.52		
5	256QAM	1	0	18.46	18.69	18.52	20	5
5	256QAM	1	12	18.43	18.53	18.68		
5	256QAM	1	24	18.81	18.79	18.84		
5	256QAM	12	0	18.33	18.55	18.51	20	5
5	256QAM	12	7	18.74	18.49	18.39		
5	256QAM	12	13	18.53	18.48	18.70		
5	256QAM	25	0	18.40	18.41	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.44	23.60	23.49	25	0
3	QPSK	1	8	23.33	23.45	23.28		
3	QPSK	1	14	23.38	23.38	23.24		
3	QPSK	8	0	22.52	22.42	22.36	24	1
3	QPSK	8	4	22.42	22.43	22.38		
3	QPSK	8	7	22.30	22.29	22.33		
3	QPSK	15	0	22.33	22.38	22.31		
3	16QAM	1	0	22.48	22.68	22.18	24	1
3	16QAM	1	8	22.52	22.69	22.38		
3	16QAM	1	14	22.41	22.60	22.59		
3	16QAM	8	0	21.45	21.52	21.50	23	2
3	16QAM	8	4	21.55	21.33	21.44		
3	16QAM	8	7	21.47	21.34	21.35		
3	16QAM	15	0	21.46	21.22	21.44		
3	64QAM	1	0	21.40	21.69	21.63	23	2
3	64QAM	1	8	21.48	21.70	21.77		
3	64QAM	1	14	21.41	21.33	21.69		
3	64QAM	8	0	20.51	20.30	20.42	22	3
3	64QAM	8	4	20.35	20.27	20.38		
3	64QAM	8	7	20.51	20.28	20.35		
3	64QAM	15	0	20.49	20.28	20.35		
3	256QAM	1	0	18.69	18.50	18.32	20	5
3	256QAM	1	8	18.44	18.58	18.65		
3	256QAM	1	14	18.81	18.58	18.88		
3	256QAM	8	0	18.26	18.44	18.60	20	5
3	256QAM	8	4	18.57	18.43	18.52		
3	256QAM	8	7	18.57	18.45	18.48		
3	256QAM	15	0	18.43	18.64	18.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.33	23.45	23.53	25	0
1.4	QPSK	1	3	23.48	23.46	23.51		
1.4	QPSK	1	5	23.54	23.53	23.44		
1.4	QPSK	3	0	23.31	23.35	23.56		
1.4	QPSK	3	1	23.49	23.22	23.54		
1.4	QPSK	3	3	23.40	23.35	23.39		
1.4	QPSK	6	0	22.45	22.29	22.56	24	1
1.4	16QAM	1	0	22.56	22.83	22.56	24	1
1.4	16QAM	1	3	22.85	22.69	22.83		
1.4	16QAM	1	5	22.84	22.70	22.66		
1.4	16QAM	3	0	22.47	22.32	22.54		
1.4	16QAM	3	1	22.45	22.29	22.43		
1.4	16QAM	3	3	22.20	22.29	22.43		
1.4	16QAM	6	0	21.47	21.36	21.54	23	2
1.4	64QAM	1	0	21.26	21.35	21.62	23	2
1.4	64QAM	1	3	21.29	21.56	21.45		
1.4	64QAM	1	5	21.22	21.38	21.74		
1.4	64QAM	3	0	21.48	21.16	21.29		
1.4	64QAM	3	1	21.49	21.26	21.64		
1.4	64QAM	3	3	21.44	21.40	21.62		
1.4	64QAM	6	0	20.35	20.28	20.43	22	3
1.4	256QAM	1	0	18.71	18.67	18.36	20	5
1.4	256QAM	1	3	18.62	18.61	18.50		
1.4	256QAM	1	5	18.74	18.70	18.78		
1.4	256QAM	3	0	18.50	18.39	18.57		
1.4	256QAM	3	1	18.64	18.44	18.42		
1.4	256QAM	3	3	18.35	18.61	18.56		
1.4	256QAM	6	0	18.53	18.39	18.49	20	5

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.87	23.92	23.85	25	0
20	QPSK	1	49	23.81	23.87	23.76		
20	QPSK	1	99	23.76	23.82	23.77		
20	QPSK	50	0	22.79	22.92	22.78	24	1
20	QPSK	50	24	22.77	22.79	22.74		
20	QPSK	50	50	22.74	22.77	22.70		
20	QPSK	100	0	22.82	22.89	22.74		
20	16QAM	1	0	22.85	22.99	22.96	24	1
20	16QAM	1	49	22.80	22.85	22.74		
20	16QAM	1	99	22.92	22.97	22.90		
20	16QAM	50	0	21.80	21.84	21.79	23	2
20	16QAM	50	24	21.78	21.79	21.76		
20	16QAM	50	50	21.74	21.82	21.79		
20	16QAM	100	0	21.81	21.82	21.76		
20	64QAM	1	0	21.23	21.32	21.27	23	2
20	64QAM	1	49	21.14	21.18	21.09		
20	64QAM	1	99	21.15	21.21	21.10		
20	64QAM	50	0	20.97	20.99	20.88	22	3
20	64QAM	50	24	20.72	20.86	20.82		
20	64QAM	50	50	20.84	20.86	20.83		
20	64QAM	100	0	20.76	20.90	20.78		
20	256QAM	1	0	18.83	18.97	18.84	20	5
20	256QAM	1	49	18.95	18.95	18.93		
20	256QAM	1	99	18.98	19.02	18.91		
20	256QAM	50	0	18.73	18.87	18.79	20	5
20	256QAM	50	24	18.75	18.84	18.74		
20	256QAM	50	50	18.85	18.85	18.90		
20	256QAM	100	0	18.92	18.86	18.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.79	23.68	25	0
15	QPSK	1	37	23.71	23.85	23.63		
15	QPSK	1	74	23.62	23.70	23.72		
15	QPSK	36	0	22.64	22.85	22.61	24	1
15	QPSK	36	20	22.73	22.67	22.71		
15	QPSK	36	39	22.56	22.68	22.50		
15	QPSK	75	0	22.81	22.70	22.69		
15	16QAM	1	0	22.74	22.85	22.86	24	1
15	16QAM	1	37	22.64	22.73	22.72		
15	16QAM	1	74	22.88	22.92	22.74		
15	16QAM	36	0	21.71	21.67	21.71	23	2
15	16QAM	36	20	21.72	21.74	21.66		
15	16QAM	36	39	21.56	21.65	21.76		
15	16QAM	75	0	21.62	21.80	21.68		
15	64QAM	1	0	21.16	21.26	21.25	23	2
15	64QAM	1	37	21.09	21.12	21.17		
15	64QAM	1	74	21.19	21.20	21.10		
15	64QAM	36	0	20.95	20.80	20.88	22	3
15	64QAM	36	20	20.54	20.67	20.77		
15	64QAM	36	39	20.70	20.83	20.69		
15	64QAM	75	0	20.61	20.87	20.68		
15	256QAM	1	0	18.82	18.83	18.76	20	5
15	256QAM	1	37	18.96	18.96	18.81		
15	256QAM	1	74	19.02	19.07	18.96		
15	256QAM	36	0	18.67	18.95	18.69	20	5
15	256QAM	36	20	18.61	18.75	18.65		
15	256QAM	36	39	18.73	18.79	18.83		
15	256QAM	75	0	18.98	18.77	18.77		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.74	23.90	23.70	25	0
10	QPSK	1	25	23.61	23.87	23.63		
10	QPSK	1	49	23.68	23.77	23.77		
10	QPSK	25	0	22.65	22.80	22.70	24	1
10	QPSK	25	12	22.71	22.62	22.65		
10	QPSK	25	25	22.60	22.58	22.56		
10	QPSK	50	0	22.77	22.83	22.67		
10	16QAM	1	0	22.81	22.90	22.91	24	1
10	16QAM	1	25	22.72	22.81	22.70		
10	16QAM	1	49	22.91	22.78	22.87		
10	16QAM	25	0	21.70	21.76	21.73	23	2
10	16QAM	25	12	21.63	21.64	21.70		
10	16QAM	25	25	21.65	21.66	21.75		
10	16QAM	50	0	21.69	21.75	21.75		
10	64QAM	1	0	21.15	21.13	21.15	23	2
10	64QAM	1	25	21.05	21.16	21.05		
10	64QAM	1	49	21.04	21.21	21.11		
10	64QAM	25	0	20.90	20.87	20.78	22	3
10	64QAM	25	12	20.67	20.69	20.67		
10	64QAM	25	25	20.76	20.69	20.67		
10	64QAM	50	0	20.58	20.85	20.78		
10	256QAM	1	0	18.84	19.03	18.87	20	5
10	256QAM	1	25	18.88	19.05	18.87		
10	256QAM	1	49	18.86	19.11	18.76		
10	256QAM	25	0	18.59	18.95	18.81	20	5
10	256QAM	25	12	18.62	18.88	18.77		
10	256QAM	25	25	18.89	18.77	18.77		
10	256QAM	50	0	18.95	18.88	18.82		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.73	23.72	23.69	25	0
5	QPSK	1	12	23.75	23.85	23.59		
5	QPSK	1	24	23.73	23.77	23.69		
5	QPSK	12	0	22.59	22.84	22.78	24	1
5	QPSK	12	7	22.65	22.70	22.57		
5	QPSK	12	13	22.65	22.77	22.51		
5	QPSK	25	0	22.69	22.82	22.69		
5	16QAM	1	0	22.79	22.95	22.95	24	1
5	16QAM	1	12	22.77	22.76	22.71		
5	16QAM	1	24	22.78	22.81	22.76		
5	16QAM	12	0	21.76	21.65	21.75	23	2
5	16QAM	12	7	21.63	21.72	21.56		
5	16QAM	12	13	21.70	21.63	21.74		
5	16QAM	25	0	21.78	21.80	21.66		
5	64QAM	1	0	21.06	21.24	21.21	23	2
5	64QAM	1	12	21.09	21.08	21.14		
5	64QAM	1	24	21.14	21.19	21.09		
5	64QAM	12	0	20.82	20.86	20.79	22	3
5	64QAM	12	7	20.60	20.83	20.74		
5	64QAM	12	13	20.68	20.68	20.66		
5	64QAM	25	0	20.57	20.83	20.63		
5	256QAM	1	0	18.85	19.04	18.88	20	5
5	256QAM	1	12	18.84	19.03	18.93		
5	256QAM	1	24	18.99	19.03	18.93		
5	256QAM	12	0	18.70	18.74	18.66	20	5
5	256QAM	12	7	18.70	18.89	18.68		
5	256QAM	12	13	18.84	18.95	18.99		
5	256QAM	25	0	18.83	18.84	18.87		

Band 48_Ant 4

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	22.89	23.08	23.50	23.48	24	0
20	QPSK	1	49	22.82	22.95	23.42	23.31		
20	QPSK	1	99	22.79	23.06	23.37	23.35		
20	QPSK	50	0	21.87	22.06	22.46	22.36	23	1
20	QPSK	50	24	21.79	21.98	22.38	22.35		
20	QPSK	50	50	21.84	22.01	22.35	22.27		
20	QPSK	100	0	21.82	21.93	22.34	22.32		
20	16QAM	1	0	21.75	22.01	22.44	22.28	23	1
20	16QAM	1	49	21.82	22.04	22.33	22.40		
20	16QAM	1	99	21.80	22.05	22.35	22.34		
20	16QAM	50	0	20.78	21.06	21.38	21.27	22	2
20	16QAM	50	24	20.81	20.96	21.40	21.33		
20	16QAM	50	50	20.77	21.04	21.36	21.37		
20	16QAM	100	0	20.79	21.00	21.42	21.33		
20	64QAM	1	0	20.76	21.06	21.36	21.32	22	2
20	64QAM	1	49	20.74	20.99	21.42	21.33		
20	64QAM	1	99	20.80	21.00	21.35	21.33		
20	64QAM	50	0	19.79	19.94	20.37	20.41	21	3
20	64QAM	50	24	19.81	19.97	20.43	20.37		
20	64QAM	50	50	19.85	20.06	20.47	20.29		
20	64QAM	100	0	19.75	20.01	20.42	20.41		
20	256QAM	1	0	17.70	18.05	18.39	18.45	19	5
20	256QAM	1	49	18.78	18.70	18.61	18.64		
20	256QAM	1	99	18.77	18.72	18.76	18.84		
20	256QAM	50	0	19.00	18.96	19.03	18.96	19	5
20	256QAM	50	24	18.95	18.83	18.92	18.85		
20	256QAM	50	50	18.99	19.04	19.06	18.94		
20	256QAM	100	0	18.79	18.88	18.85	18.91		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.88	22.95	23.43	23.34	24	0
15	QPSK	1	37	22.68	22.82	23.34	23.18		
15	QPSK	1	74	22.65	23.01	23.26	23.31		
15	QPSK	36	0	21.75	21.92	22.37	22.24	23	1
15	QPSK	36	20	21.77	21.84	22.37	22.34		
15	QPSK	36	39	21.71	21.91	22.29	22.16		
15	QPSK	75	0	21.70	21.83	22.26	22.20		
15	16QAM	1	0	21.65	21.87	22.29	22.21	23	1
15	16QAM	1	37	21.72	21.94	22.18	22.25		
15	16QAM	1	74	21.73	22.01	22.34	22.21		
15	16QAM	36	0	20.67	20.91	21.24	21.17	22	2
15	16QAM	36	20	20.71	20.86	21.33	21.23		
15	16QAM	36	39	20.71	21.00	21.30	21.24		
15	16QAM	75	0	20.66	20.95	21.33	21.18		
15	64QAM	1	0	20.67	21.01	21.30	21.26	22	2
15	64QAM	1	37	20.69	20.88	21.31	21.29		
15	64QAM	1	74	20.70	20.88	21.31	21.30		
15	64QAM	36	0	19.75	19.88	20.24	20.29	21	3
15	64QAM	36	20	19.69	19.91	20.38	20.30		
15	64QAM	36	39	19.82	19.94	20.38	20.24		
15	64QAM	75	0	19.68	19.91	20.36	20.26		
15	256QAM	1	0	17.54	17.67	18.11	18.16	19	5
15	256QAM	1	37	18.69	18.56	18.69	18.61		
15	256QAM	1	74	18.90	18.74	18.85	18.93		
15	256QAM	36	0	18.93	18.94	18.98	18.92	19	5
15	256QAM	36	20	18.91	18.81	18.82	18.82		
15	256QAM	36	39	19.01	18.91	18.95	19.01		
15	256QAM	75	0	18.86	18.87	18.85	18.89		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.78	23.07	23.37	23.27	24	0
10	QPSK	1	25	22.73	22.88	23.33	23.23		
10	QPSK	1	49	22.64	22.95	23.30	23.27		
10	QPSK	25	0	21.81	22.05	22.39	22.28	23	1
10	QPSK	25	12	21.74	21.92	22.31	22.28		
10	QPSK	25	25	21.76	21.98	22.32	22.12		
10	QPSK	50	0	21.74	21.90	22.20	22.19		
10	16QAM	1	0	21.70	21.90	22.29	22.15	23	1
10	16QAM	1	25	21.76	22.03	22.32	22.27		
10	16QAM	1	49	21.65	21.91	22.25	22.30		
10	16QAM	25	0	20.68	21.03	21.34	21.26	22	2
10	16QAM	25	12	20.76	20.92	21.25	21.28		
10	16QAM	25	25	20.74	21.02	21.21	21.31		
10	16QAM	50	0	20.77	20.92	21.27	21.30		
10	64QAM	1	0	20.61	20.95	21.26	21.28	22	2
10	64QAM	1	25	20.73	20.85	21.34	21.22		
10	64QAM	1	49	20.66	20.98	21.31	21.30		
10	64QAM	25	0	19.71	19.82	20.35	20.32	21	3
10	64QAM	25	12	19.77	19.89	20.32	20.30		
10	64QAM	25	25	19.72	19.99	20.44	20.23		
10	64QAM	50	0	19.71	19.91	20.39	20.28		
10	256QAM	1	0	17.48	17.74	18.14	18.17	19	5
10	256QAM	1	25	18.65	18.67	18.54	18.68		
10	256QAM	1	49	18.93	18.76	18.76	18.81		
10	256QAM	25	0	19.05	18.93	18.98	18.93	19	5
10	256QAM	25	12	18.82	18.85	18.79	18.80		
10	256QAM	25	25	18.86	19.01	18.92	18.89		
10	256QAM	50	0	18.83	18.97	18.90	18.99		
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	22.94	23.47	23.37	24	0
5	QPSK	1	12	22.71	22.87	23.39	23.20		
5	QPSK	1	24	22.77	22.99	23.31	23.30		
5	QPSK	12	0	21.73	21.92	22.35	22.25	23	1
5	QPSK	12	7	21.76	21.95	22.24	22.24		
5	QPSK	12	13	21.75	21.95	22.22	22.25		
5	QPSK	25	0	21.67	21.92	22.32	22.17		
5	16QAM	1	0	21.71	22.00	22.42	22.18	23	1
5	16QAM	1	12	21.71	21.91	22.29	22.36		
5	16QAM	1	24	21.66	22.02	22.27	22.31		
5	16QAM	12	0	20.63	21.04	21.31	21.26	22	2
5	16QAM	12	7	20.67	20.93	21.36	21.29		
5	16QAM	12	13	20.72	21.01	21.21	21.23		
5	16QAM	25	0	20.75	20.99	21.37	21.20		
5	64QAM	1	0	20.72	20.98	21.24	21.22	22	2
5	64QAM	1	12	20.71	20.97	21.41	21.21		
5	64QAM	1	24	20.71	20.87	21.25	21.20		
5	64QAM	12	0	19.72	19.89	20.23	20.29	21	3
5	64QAM	12	7	19.71	19.90	20.33	20.36		
5	64QAM	12	13	19.73	19.98	20.41	20.21		
5	64QAM	25	0	19.70	19.90	20.30	20.29		
5	256QAM	1	0	17.47	17.66	18.13	18.20	19	5
5	256QAM	1	12	18.57	18.64	18.62	18.73		
5	256QAM	1	24	18.89	18.83	18.91	18.90		
5	256QAM	12	0	18.88	19.06	19.00	18.86	19	5
5	256QAM	12	7	18.78	18.75	18.76	18.84		
5	256QAM	12	13	19.03	18.89	18.90	18.99		
5	256QAM	25	0	18.83	18.93	18.82	19.01		

Reduced Power Mode for Receiver on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.14	33.36	33.27	**34.00**	24.14	24.36	24.27	**25.00**
GPRS 1 Tx slot	33.12	33.38	33.22	**34.00**	24.12	24.38	24.22	**25.00**
GPRS 2 Tx slots	32.00	32.27	32.11	**33.00**	26.00	26.27	26.11	**27.00**
GPRS 3 Tx slots	29.66	29.93	29.80	**31.00**	25.40	25.67	25.54	**26.74**
GPRS 4 Tx slots	28.35	28.61	28.53	**29.50**	25.35	25.61	25.53	**26.50**
EDGE 1 Tx slot	26.70	26.71	26.65	**27.50**	17.70	17.71	17.65	**18.50**
EDGE 2 Tx slots	25.10	25.13	25.56	**26.50**	19.10	19.13	19.56	**20.50**
EDGE 3 Tx slots	22.61	22.64	22.74	**24.00**	18.35	18.38	18.48	**19.74**
EDGE 4 Tx slots	21.41	21.55	21.25	**23.00**	18.41	18.55	18.25	**20.00**

GSM1900_Ant 3	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	25.07	25.26	24.92	**26.00**	16.07	16.26	15.92	**17.00**
GPRS 1 Tx slot	25.13	25.22	24.90	**26.00**	16.13	16.22	15.90	**17.00**
GPRS 2 Tx slots	23.79	24.15	23.60	**25.00**	17.79	18.15	17.60	**19.00**
GPRS 3 Tx slots	21.26	21.53	20.93	**22.50**	17.00	17.27	16.67	**18.24**
GPRS 4 Tx slots	19.77	20.32	19.68	**21.00**	16.77	17.32	16.68	**18.00**
EDGE 1 Tx slot	21.77	21.51	21.26	**23.00**	12.77	12.51	12.26	**14.00**
EDGE 2 Tx slots	20.11	20.36	19.94	**21.50**	14.11	14.36	13.94	**15.50**
EDGE 3 Tx slots	18.15	18.35	18.07	**19.50**	13.89	14.09	13.81	**15.24**
EDGE 4 Tx slots	16.97	17.05	16.64	**18.50**	13.97	14.05	13.64	**15.50**

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.91	18.89	18.83	**20.00**	17.66	17.83	17.64	**19.50**	23.46	23.55	23.47	**24.50**
3GPP Rel 99	RMC 12.2Kbps	18.93	18.96	18.86	**20.00**	17.81	17.85	17.74	**19.50**	23.51	23.58	23.49	**24.50**
3GPP Rel 6	HSDPA Subtest-1	17.94	17.96	17.88	**19.00**	16.79	16.75	16.80	**18.50**	22.59	22.60	22.60	**23.50**
3GPP Rel 6	HSDPA Subtest-2	17.93	17.84	17.85	**19.00**	16.78	16.78	16.74	**18.50**	22.62	22.61	22.56	**23.50**
3GPP Rel 6	HSDPA Subtest-3	17.46	17.53	17.43	**18.50**	16.26	16.31	16.32	**18.00**	22.13	22.14	22.11	**23.00**
3GPP Rel 6	HSDPA Subtest-4	17.48	17.42	17.46	**18.50**	16.35	16.48	16.42	**18.00**	22.10	22.06	22.09	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	17.36	17.31	17.31	**19.00**	17.06	17.03	16.94	**18.50**	22.42	22.32	22.39	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	17.48	17.38	17.48	**19.00**	17.02	17.02	17.00	**18.50**	22.26	22.33	22.32	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	16.80	16.80	16.77	**18.50**	16.50	16.59	16.56	**18.00**	21.90	21.82	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	16.77	16.83	16.80	**18.50**	16.46	16.37	16.37	**18.00**	21.90	21.81	21.86	**23.00**
3GPP Rel 6	HSUPA Subtest-1	15.83	15.89	15.80	**17.50**	16.82	16.78	16.71	**18.50**	20.54	20.57	20.53	**22.00**
3GPP Rel 6	HSUPA Subtest-2	15.83	15.76	15.79	**16.50**	15.88	15.81	15.86	**16.50**	20.56	20.59	20.56	**21.00**
3GPP Rel 6	HSUPA Subtest-3	16.80	16.88	16.81	**17.50**	16.75	16.74	16.71	**17.50**	21.54	21.61	21.56	**22.00**
3GPP Rel 6	HSUPA Subtest-4	15.41	15.34	15.36	**16.50**	15.25	15.25	15.28	**16.50**	20.07	20.12	20.09	**21.00**
3GPP Rel 6	HSUPA Subtest-5	16.87	16.79	16.85	**18.50**	16.61	16.61	16.61	**18.50**	21.50	21.60	21.50	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.70	15.63	15.70	**16.50**	15.53	15.51	15.59	**16.00**	20.59	20.56	20.58	**21.00**

Band 2_Ant 3

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	20.00	20.03	19.86	21	0
20	QPSK	1	49	19.97	19.97	19.83		
20	QPSK	1	99	19.87	19.88	19.75		
20	QPSK	50	0	19.92	19.99	19.81	21	0
20	QPSK	50	24	19.87	19.92	19.71		
20	QPSK	50	50	19.88	19.98	19.68		
20	QPSK	100	0	19.83	19.84	19.76		
20	16QAM	1	0	19.86	19.92	19.73	21	0
20	16QAM	1	49	19.85	19.86	19.66		
20	16QAM	1	99	19.82	19.93	19.70		
20	16QAM	50	0	19.86	19.92	19.79	21	0
20	16QAM	50	24	19.85	19.86	19.74		
20	16QAM	50	50	19.80	19.96	19.66		
20	16QAM	100	0	19.89	19.97	19.74		
20	64QAM	1	0	19.80	19.95	19.67	21	0
20	64QAM	1	49	19.79	19.96	19.72		
20	64QAM	1	99	19.80	19.84	19.72		
20	64QAM	50	0	19.79	19.86	19.77	21	0
20	64QAM	50	24	19.88	19.96	19.72		
20	64QAM	50	50	19.77	19.84	19.74		
20	64QAM	100	0	19.80	19.95	19.67		
20	256QAM	1	0	18.80	18.98	18.79	20	1
20	256QAM	1	49	18.91	18.97	18.78		
20	256QAM	1	99	18.84	18.91	18.72		
20	256QAM	50	0	18.80	18.91	18.79	20	1
20	256QAM	50	24	18.85	18.96	18.78		
20	256QAM	50	50	18.82	18.89	18.77		
20	256QAM	100	0	18.90	18.91	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.97	19.92	19.89	21	0
15	QPSK	1	37	19.83	19.82	19.91		
15	QPSK	1	74	19.77	19.86	19.76		
15	QPSK	36	0	19.91	19.87	19.90	21	0
15	QPSK	36	20	19.78	19.89	19.77		
15	QPSK	36	39	19.93	19.94	19.96		
15	QPSK	75	0	19.74	19.82	19.78		
15	16QAM	1	0	19.80	19.86	19.79	21	0
15	16QAM	1	37	19.85	19.75	19.84		
15	16QAM	1	74	19.86	19.87	19.82		
15	16QAM	36	0	19.85	19.81	19.81	21	0
15	16QAM	36	20	19.83	19.74	19.79		
15	16QAM	36	39	19.91	19.92	19.81		
15	16QAM	75	0	19.86	19.83	19.85		
15	64QAM	1	0	19.93	19.93	19.81	21	0
15	64QAM	1	37	19.86	19.82	19.91		
15	64QAM	1	74	19.83	19.72	19.79		
15	64QAM	36	0	19.72	19.72	19.75	21	0
15	64QAM	36	20	19.84	19.95	19.85		
15	64QAM	36	39	19.70	19.75	19.71		
15	64QAM	75	0	19.88	19.90	19.91		
15	256QAM	1	0	18.96	18.86	18.91	20	1
15	256QAM	1	37	18.89	18.84	18.90		
15	256QAM	1	74	18.87	18.79	18.82		
15	256QAM	36	0	18.89	18.76	18.89	20	1
15	256QAM	36	20	18.85	18.86	18.82		
15	256QAM	36	39	18.80	18.79	18.77		
15	256QAM	75	0	18.81	18.90	18.90		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.97	19.94	19.89	21	0
10	QPSK	1	25	19.85	19.89	19.91		
10	QPSK	1	49	19.85	19.83	19.76		
10	QPSK	25	0	19.98	19.97	19.96	21	0
10	QPSK	25	12	19.86	19.87	19.90		
10	QPSK	25	25	19.90	19.84	19.89		
10	QPSK	50	0	19.81	19.76	19.72		
10	16QAM	1	0	19.87	19.77	19.87	21	0
10	16QAM	1	25	19.84	19.76	19.81		
10	16QAM	1	49	19.81	19.81	19.84		
10	16QAM	25	0	19.84	19.89	19.83	21	0
10	16QAM	25	12	19.75	19.75	19.74		
10	16QAM	25	25	19.84	19.81	19.90		
10	16QAM	50	0	19.85	19.86	19.95		
10	64QAM	1	0	19.93	19.83	19.80	21	0
10	64QAM	1	25	19.86	19.90	19.88		
10	64QAM	1	49	19.75	19.82	19.79		
10	64QAM	25	0	19.84	19.81	19.78	21	0
10	64QAM	25	12	19.92	19.95	19.87		
10	64QAM	25	25	19.81	19.77	19.83		
10	64QAM	50	0	19.84	19.94	19.88		
10	256QAM	1	0	18.95	18.92	18.92	20	1
10	256QAM	1	25	18.88	18.83	18.94		
10	256QAM	1	49	18.80	18.79	18.79		
10	256QAM	25	0	18.85	18.84	18.85	20	1
10	256QAM	25	12	18.82	18.94	18.93		
10	256QAM	25	25	18.88	18.83	18.88		
10	256QAM	50	0	18.87	18.82	18.83		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.02	19.95	19.94	21	0
5	QPSK	1	12	19.88	19.94	19.87		
5	QPSK	1	24	19.74	19.87	19.86		
5	QPSK	12	0	19.93	19.90	19.86	21	0
5	QPSK	12	7	19.84	19.83	19.77		
5	QPSK	12	13	19.89	19.93	19.84		
5	QPSK	25	0	19.73	19.77	19.74		
5	16QAM	1	0	19.89	19.77	19.80	21	0
5	16QAM	1	12	19.82	19.72	19.80		
5	16QAM	1	24	19.89	19.84	19.81		
5	16QAM	12	0	19.84	19.84	19.81	21	0
5	16QAM	12	7	19.72	19.77	19.72		
5	16QAM	12	13	19.85	19.86	19.86		
5	16QAM	25	0	19.84	19.87	19.93		
5	64QAM	1	0	19.90	19.91	19.83	21	0
5	64QAM	1	12	19.86	19.85	19.86		
5	64QAM	1	24	19.81	19.83	19.76		
5	64QAM	12	0	19.84	19.81	19.72	21	0
5	64QAM	12	7	19.94	19.90	19.90		
5	64QAM	12	13	19.70	19.71	19.73		
5	64QAM	25	0	19.87	19.84	19.91		
5	256QAM	1	0	18.97	18.86	18.88	20	1
5	256QAM	1	12	18.86	18.89	18.85		
5	256QAM	1	24	18.90	18.84	18.84		
5	256QAM	12	0	18.86	18.89	18.90	20	1
5	256QAM	12	7	18.92	18.84	18.91		
5	256QAM	12	13	18.86	18.77	18.84		
5	256QAM	25	0	18.82	18.80	18.87		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.94	19.96	20.01	21	0
3	QPSK	1	8	19.91	19.84	19.91		
3	QPSK	1	14	19.86	19.81	19.87		
3	QPSK	8	0	19.97	19.87	19.94	21	0
3	QPSK	8	4	19.79	19.85	19.85		
3	QPSK	8	7	19.92	19.90	19.95		
3	QPSK	15	0	19.71	19.79	19.80		
3	16QAM	1	0	19.77	19.88	19.89	21	0
3	16QAM	1	8	19.73	19.76	19.82		
3	16QAM	1	14	19.84	19.82	19.85		
3	16QAM	8	0	19.79	19.81	19.87	21	0
3	16QAM	8	4	19.83	19.75	19.77		
3	16QAM	8	7	19.87	19.91	19.83		
3	16QAM	15	0	19.87	19.91	19.92		
3	64QAM	1	0	19.92	19.80	19.88	21	0
3	64QAM	1	8	19.94	19.89	19.94		
3	64QAM	1	14	19.73	19.82	19.81		
3	64QAM	8	0	19.80	19.83	19.82	21	0
3	64QAM	8	4	19.82	19.93	19.93		
3	64QAM	8	7	19.70	19.69	19.82		
3	64QAM	15	0	19.94	19.82	19.91		
3	256QAM	1	0	18.88	18.83	18.93	20	1
3	256QAM	1	8	18.91	18.82	18.95		
3	256QAM	1	14	18.90	18.83	18.78		
3	256QAM	8	0	18.84	18.86	18.76	20	1
3	256QAM	8	4	18.95	18.95	18.90		
3	256QAM	8	7	18.80	18.82	18.80		
3	256QAM	15	0	18.82	18.79	18.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.97	19.93	19.88	21	0
1.4	QPSK	1	3	19.87	19.92	19.92		
1.4	QPSK	1	5	19.84	19.87	19.80		
1.4	QPSK	3	0	19.88	19.95	19.98		
1.4	QPSK	3	1	19.84	19.87	19.91		
1.4	QPSK	3	3	19.83	19.88	19.94		
1.4	QPSK	6	0	19.70	19.82	19.82	21	0
1.4	16QAM	1	0	19.78	19.84	19.89	21	0
1.4	16QAM	1	3	19.80	19.85	19.75		
1.4	16QAM	1	5	19.92	19.89	19.81		
1.4	16QAM	3	0	19.82	19.83	19.80		
1.4	16QAM	3	1	19.72	19.75	19.81		
1.4	16QAM	3	3	19.91	19.83	19.82		
1.4	16QAM	6	0	19.89	19.94	19.84	21	0
1.4	64QAM	1	0	19.86	19.86	19.81	21	0
1.4	64QAM	1	3	19.83	19.84	19.81		
1.4	64QAM	1	5	19.74	19.69	19.72		
1.4	64QAM	3	0	19.77	19.83	19.77		
1.4	64QAM	3	1	19.95	19.91	19.88		
1.4	64QAM	3	3	19.70	19.76	19.82		
1.4	64QAM	6	0	19.80	19.86	19.80	21	0
1.4	256QAM	1	0	18.89	18.94	18.97	20	1
1.4	256QAM	1	3	18.82	18.95	18.94		
1.4	256QAM	1	5	18.80	18.90	18.82		
1.4	256QAM	3	0	18.84	18.88	18.89		
1.4	256QAM	3	1	18.93	18.92	18.93		
1.4	256QAM	3	3	18.80	18.75	18.81		
1.4	256QAM	6	0	18.78	18.79	18.82	20	1

Band 4_Ant 3

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	18.78	19.04	18.92	20.5	0
20	QPSK	1	49	18.59	19.03	18.90		
20	QPSK	1	99	18.60	18.92	18.88		
20	QPSK	50	0	18.73	18.97	18.78	20.5	0
20	QPSK	50	24	18.71	18.93	18.64		
20	QPSK	50	50	18.66	18.93	18.66		
20	QPSK	100	0	18.67	18.92	18.66		
20	16QAM	1	0	18.64	18.84	18.74	20.5	0
20	16QAM	1	49	18.62	18.92	18.74		
20	16QAM	1	99	18.69	18.96	18.66		
20	16QAM	50	0	18.64	18.85	18.73	20.5	0
20	16QAM	50	24	18.69	18.96	18.71		
20	16QAM	50	50	18.66	18.90	18.63		
20	16QAM	100	0	18.71	18.95	18.68		
20	64QAM	1	0	18.68	18.92	18.72	20.5	0
20	64QAM	1	49	18.62	18.86	18.73		
20	64QAM	1	99	18.70	18.96	18.69		
20	64QAM	50	0	18.67	18.96	18.71	20.5	0
20	64QAM	50	24	18.58	18.91	18.68		
20	64QAM	50	50	18.66	18.84	18.64		
20	64QAM	100	0	18.62	18.92	18.63		
20	256QAM	1	0	18.14	18.35	18.24	20	0.5
20	256QAM	1	49	18.13	18.39	18.25		
20	256QAM	1	99	18.09	18.39	18.18		
20	256QAM	50	0	18.11	18.36	18.24	20	0.5
20	256QAM	50	24	18.22	18.40	18.23		
20	256QAM	50	50	18.11	18.46	18.26		
20	256QAM	100	0	18.13	18.44	18.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.92	19.03	18.97	20.5	0
15	QPSK	1	37	18.89	19.00	18.99		
15	QPSK	1	74	18.85	18.88	18.80		
15	QPSK	36	0	18.94	18.96	18.96	20.5	0
15	QPSK	36	20	18.87	18.84	18.91		
15	QPSK	36	39	18.91	18.90	18.80		
15	QPSK	75	0	18.88	18.80	18.89		
15	16QAM	1	0	18.80	18.75	18.70	20.5	0
15	16QAM	1	37	18.81	18.88	18.82		
15	16QAM	1	74	18.88	18.83	18.81		
15	16QAM	36	0	18.84	18.84	18.83	20.5	0
15	16QAM	36	20	18.90	18.86	18.81		
15	16QAM	36	39	18.88	18.80	18.86		
15	16QAM	75	0	18.82	18.94	18.83		
15	64QAM	1	0	18.83	18.83	18.82	20.5	0
15	64QAM	1	37	18.71	18.72	18.84		
15	64QAM	1	74	18.85	18.91	18.89		
15	64QAM	36	0	18.94	18.91	18.92	20.5	0
15	64QAM	36	20	18.76	18.89	18.89		
15	64QAM	36	39	18.75	18.74	18.74		
15	64QAM	75	0	18.81	18.90	18.88		
15	256QAM	1	0	18.23	18.21	18.28	20	0.5
15	256QAM	1	37	18.33	18.27	18.32		
15	256QAM	1	74	18.31	18.24	18.25		
15	256QAM	36	0	18.28	18.22	18.25	20	0.5
15	256QAM	36	20	18.31	18.34	18.37		
15	256QAM	36	39	18.44	18.37	18.39		
15	256QAM	75	0	18.31	18.35	18.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.02	18.90	18.90	20.5	0
10	QPSK	1	25	18.94	18.92	18.93		
10	QPSK	1	49	18.90	18.91	18.87		
10	QPSK	25	0	18.91	18.85	18.87	20.5	0
10	QPSK	25	12	18.85	18.81	18.91		
10	QPSK	25	25	18.89	18.89	18.80		
10	QPSK	50	0	18.78	18.87	18.84		
10	16QAM	1	0	18.73	18.82	18.71	20.5	0
10	16QAM	1	25	18.90	18.77	18.78		
10	16QAM	1	49	18.81	18.92	18.87		
10	16QAM	25	0	18.76	18.74	18.75	20.5	0
10	16QAM	25	12	18.83	18.84	18.90		
10	16QAM	25	25	18.78	18.86	18.81		
10	16QAM	50	0	18.88	18.85	18.94		
10	64QAM	1	0	18.91	18.91	18.90	20.5	0
10	64QAM	1	25	18.72	18.79	18.72		
10	64QAM	1	49	18.89	18.90	18.87		
10	64QAM	25	0	18.87	18.81	18.81	20.5	0
10	64QAM	25	12	18.76	18.80	18.86		
10	64QAM	25	25	18.71	18.70	18.75		
10	64QAM	50	0	18.88	18.85	18.91		
10	256QAM	1	0	18.30	18.24	18.28	20	0.5
10	256QAM	1	25	18.37	18.30	18.34		
10	256QAM	1	49	18.36	18.26	18.30		
10	256QAM	25	0	18.22	18.26	18.35	20	0.5
10	256QAM	25	12	18.30	18.37	18.26		
10	256QAM	25	25	18.38	18.43	18.37		
10	256QAM	50	0	18.42	18.43	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.03	18.93	18.90	20.5	0
5	QPSK	1	12	18.89	18.89	19.02		
5	QPSK	1	24	18.91	18.87	18.79		
5	QPSK	12	0	18.93	18.91	18.88	20.5	0
5	QPSK	12	7	18.79	18.81	18.86		
5	QPSK	12	13	18.90	18.90	18.92		
5	QPSK	25	0	18.85	18.79	18.87		
5	16QAM	1	0	18.72	18.77	18.82	20.5	0
5	16QAM	1	12	18.86	18.82	18.81		
5	16QAM	1	24	18.92	18.89	18.92		
5	16QAM	12	0	18.72	18.75	18.76	20.5	0
5	16QAM	12	7	18.83	18.83	18.86		
5	16QAM	12	13	18.84	18.81	18.77		
5	16QAM	25	0	18.94	18.94	18.82		
5	64QAM	1	0	18.82	18.88	18.82	20.5	0
5	64QAM	1	12	18.74	18.76	18.79		
5	64QAM	1	24	18.89	18.91	18.85		
5	64QAM	12	0	18.93	18.90	18.81	20.5	0
5	64QAM	12	7	18.87	18.85	18.85		
5	64QAM	12	13	18.78	18.83	18.72		
5	64QAM	25	0	18.84	18.83	18.77		
5	256QAM	1	0	18.34	18.30	18.20	20	0.5
5	256QAM	1	12	18.28	18.34	18.34		
5	256QAM	1	24	18.34	18.35	18.30		
5	256QAM	12	0	18.33	18.33	18.30	20	0.5
5	256QAM	12	7	18.25	18.36	18.32		
5	256QAM	12	13	18.38	18.36	18.34		
5	256QAM	25	0	18.33	18.39	18.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.91	18.96	18.99	20.5	0
3	QPSK	1	8	19.02	18.95	18.98		
3	QPSK	1	14	18.86	18.78	18.81		
3	QPSK	8	0	18.91	18.96	18.92	20.5	0
3	QPSK	8	4	18.82	18.83	18.91		
3	QPSK	8	7	18.92	18.84	18.88		
3	QPSK	15	0	18.89	18.90	18.81		
3	16QAM	1	0	18.75	18.78	18.81	20.5	0
3	16QAM	1	8	18.88	18.85	18.85		
3	16QAM	1	14	18.92	18.81	18.90		
3	16QAM	8	0	18.76	18.72	18.72	20.5	0
3	16QAM	8	4	18.93	18.82	18.91		
3	16QAM	8	7	18.80	18.82	18.77		
3	16QAM	15	0	18.89	18.82	18.93		
3	64QAM	1	0	18.88	18.81	18.91	20.5	0
3	64QAM	1	8	18.78	18.71	18.82		
3	64QAM	1	14	18.83	18.83	18.84		
3	64QAM	8	0	18.90	18.92	18.81	20.5	0
3	64QAM	8	4	18.83	18.80	18.82		
3	64QAM	8	7	18.82	18.70	18.72		
3	64QAM	15	0	18.79	18.79	18.83		
3	256QAM	1	0	18.32	18.30	18.21	20	0.5
3	256QAM	1	8	18.33	18.28	18.28		
3	256QAM	1	14	18.30	18.26	18.25		
3	256QAM	8	0	18.26	18.33	18.34	20	0.5
3	256QAM	8	4	18.29	18.27	18.33		
3	256QAM	8	7	18.39	18.34	18.42		
3	256QAM	15	0	18.37	18.31	18.38		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.89	18.94	19.03	20.5	0
1.4	QPSK	1	3	18.95	19.02	19.00		
1.4	QPSK	1	5	18.84	18.83	18.90		
1.4	QPSK	3	0	18.92	18.90	18.85		
1.4	QPSK	3	1	18.90	18.91	18.85		
1.4	QPSK	3	3	18.86	18.85	18.83		
1.4	QPSK	6	0	18.88	18.80	18.90	20.5	0
1.4	16QAM	1	0	18.71	18.76	18.75	20.5	0
1.4	16QAM	1	3	18.79	18.82	18.79		
1.4	16QAM	1	5	18.92	18.85	18.85		
1.4	16QAM	3	0	18.78	18.81	18.82		
1.4	16QAM	3	1	18.86	18.86	18.84		
1.4	16QAM	3	3	18.88	18.80	18.82		
1.4	16QAM	6	0	18.87	18.88	18.83	20.5	0
1.4	64QAM	1	0	18.82	18.90	18.86	20.5	0
1.4	64QAM	1	3	18.77	18.73	18.85		
1.4	64QAM	1	5	18.82	18.92	18.93		
1.4	64QAM	3	0	18.88	18.91	18.89		
1.4	64QAM	3	1	18.78	18.80	18.86		
1.4	64QAM	3	3	18.73	18.75	18.77		
1.4	64QAM	6	0	18.77	18.88	18.81	20.5	0
1.4	256QAM	1	0	18.28	18.26	18.31	20	0.5
1.4	256QAM	1	3	18.26	18.38	18.37		
1.4	256QAM	1	5	18.30	18.34	18.24		
1.4	256QAM	3	0	18.30	18.22	18.27		
1.4	256QAM	3	1	18.39	18.31	18.26		
1.4	256QAM	3	3	18.42	18.36	18.37		
1.4	256QAM	6	0	18.34	18.37	18.38	20	0.5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 7_Ant 3

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	20.16	20.33	20.30	21.5	0
20	QPSK	1	49	20.12	20.23	20.18		
20	QPSK	1	99	20.02	20.28	20.19		
20	QPSK	50	0	20.07	20.21	20.16	21.5	0
20	QPSK	50	24	19.96	20.15	20.02		
20	QPSK	50	50	20.01	20.10	20.02		
20	QPSK	100	0	19.96	20.18	20.03		
20	16QAM	1	0	20.01	20.11	20.14	21.5	0
20	16QAM	1	49	20.00	20.13	20.07		
20	16QAM	1	99	20.05	20.11	20.12		
20	16QAM	50	0	20.03	20.16	20.07	21.5	0
20	16QAM	50	24	19.98	20.16	20.10		
20	16QAM	50	50	19.96	20.17	20.11		
20	16QAM	100	0	20.01	20.17	20.09		
20	64QAM	1	0	20.01	20.08	20.02	21.5	0
20	64QAM	1	49	20.01	20.19	20.10		
20	64QAM	1	99	19.99	20.06	20.14		
20	64QAM	50	0	19.50	19.66	19.56	21	0.5
20	64QAM	50	24	19.50	19.62	19.59		
20	64QAM	50	50	19.47	19.59	19.55		
20	64QAM	100	0	19.52	19.59	19.63		
20	256QAM	1	0	17.45	17.68	17.55	19	2.5
20	256QAM	1	49	17.48	17.68	17.53		
20	256QAM	1	99	17.42	17.59	17.51		
20	256QAM	50	0	17.47	17.65	17.58	19	2.5
20	256QAM	50	24	17.56	17.60	17.61		
20	256QAM	50	50	17.52	17.67	17.56		
20	256QAM	100	0	17.55	17.57	17.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.20	20.20	20.27	21.5	0
15	QPSK	1	37	20.15	20.21	20.15		
15	QPSK	1	74	20.23	20.24	20.14		
15	QPSK	36	0	20.20	20.15	20.20	21.5	0
15	QPSK	36	20	20.06	20.07	20.07		
15	QPSK	36	39	20.01	20.09	19.95		
15	QPSK	75	0	20.10	20.03	20.12		
15	16QAM	1	0	20.07	20.07	19.96	21.5	0
15	16QAM	1	37	20.11	20.05	20.00		
15	16QAM	1	74	20.03	20.07	20.00		
15	16QAM	36	0	20.07	20.15	20.02	21.5	0
15	16QAM	36	20	20.06	20.09	20.11		
15	16QAM	36	39	20.15	20.13	20.07		
15	16QAM	75	0	20.07	20.02	20.08		
15	64QAM	1	0	20.01	19.95	20.06	21.5	0
15	64QAM	1	37	20.09	20.18	20.06		
15	64QAM	1	74	19.94	19.97	19.98		
15	64QAM	36	0	19.65	19.56	19.55	21	0.5
15	64QAM	36	20	19.49	19.51	19.59		
15	64QAM	36	39	19.48	19.56	19.52		
15	64QAM	75	0	19.58	19.56	19.58		
15	256QAM	1	0	17.67	17.55	17.55	19	2.5
15	256QAM	1	37	17.64	17.64	17.57		
15	256QAM	1	74	17.45	17.58	17.55		
15	256QAM	36	0	17.58	17.55	17.52	19	2.5
15	256QAM	36	20	17.52	17.47	17.59		
15	256QAM	36	39	17.54	17.58	17.65		
15	256QAM	75	0	17.44	17.42	17.45		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.18	20.27	20.24	21.5	0
10	QPSK	1	25	20.11	20.18	20.14		
10	QPSK	1	49	20.24	20.21	20.24		
10	QPSK	25	0	20.19	20.16	20.19	21.5	0
10	QPSK	25	12	20.06	20.09	20.11		
10	QPSK	25	25	20.03	19.96	20.05		
10	QPSK	50	0	20.12	20.10	20.04		
10	16QAM	1	0	20.06	20.01	19.97	21.5	0
10	16QAM	1	25	20.02	20.02	20.02		
10	16QAM	1	49	19.97	20.04	19.96		
10	16QAM	25	0	20.02	20.11	20.14	21.5	0
10	16QAM	25	12	20.13	20.12	20.12		
10	16QAM	25	25	20.09	20.11	20.10		
10	16QAM	50	0	20.15	20.08	20.04		
10	64QAM	1	0	20.02	19.94	20.00	21.5	0
10	64QAM	1	25	20.16	20.07	20.18		
10	64QAM	1	49	19.94	19.99	19.95		
10	64QAM	25	0	19.59	19.54	19.58	21	0.5
10	64QAM	25	12	19.60	19.60	19.50		
10	64QAM	25	25	19.50	19.52	19.56		
10	64QAM	50	0	19.47	19.47	19.51		
10	256QAM	1	0	17.53	17.53	17.57	19	2.5
10	256QAM	1	25	17.62	17.67	17.56		
10	256QAM	1	49	17.53	17.57	17.56		
10	256QAM	25	0	17.59	17.61	17.62	19	2.5
10	256QAM	25	12	17.53	17.46	17.54		
10	256QAM	25	25	17.60	17.56	17.64		
10	256QAM	50	0	17.45	17.52	17.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.20	20.28	20.24	21.5	0
5	QPSK	1	12	20.18	20.21	20.22		
5	QPSK	1	24	20.25	20.14	20.19		
5	QPSK	12	0	20.19	20.20	20.10	21.5	0
5	QPSK	12	7	20.06	20.00	20.12		
5	QPSK	12	13	19.96	20.04	19.96		
5	QPSK	25	0	20.10	20.04	20.04		
5	16QAM	1	0	20.00	20.09	20.01	21.5	0
5	16QAM	1	12	20.06	20.03	20.04		
5	16QAM	1	24	20.00	20.08	19.99		
5	16QAM	12	0	20.05	20.10	20.13	21.5	0
5	16QAM	12	7	20.14	20.12	20.13		
5	16QAM	12	13	20.10	20.12	20.02		
5	16QAM	25	0	20.04	20.12	20.08		
5	64QAM	1	0	20.06	20.00	19.98	21.5	0
5	64QAM	1	12	20.11	20.05	20.13		
5	64QAM	1	24	19.96	19.94	19.95		
5	64QAM	12	0	19.54	19.62	19.64	21	0.5
5	64QAM	12	7	19.51	19.49	19.58		
5	64QAM	12	13	19.46	19.55	19.51		
5	64QAM	25	0	19.55	19.57	19.54		
5	256QAM	1	0	17.64	17.60	17.54	19	2.5
5	256QAM	1	12	17.64	17.64	17.64		
5	256QAM	1	24	17.47	17.56	17.50		
5	256QAM	12	0	17.63	17.51	17.59	19	2.5
5	256QAM	12	7	17.58	17.51	17.55		
5	256QAM	12	13	17.53	17.55	17.65		
5	256QAM	25	0	17.47	17.46	17.50		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.66	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.61	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.82	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.69	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.66			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.67	23.82	23.80	25	0
10	QPSK	1	25	23.65	23.70	23.62		
10	QPSK	1	49	23.66	23.70	23.54		
10	QPSK	25	0	22.67	22.74	22.72	24	1
10	QPSK	25	12	22.64	22.69	22.67		
10	QPSK	25	25	22.65	22.65	22.65		
10	QPSK	50	0	22.69	22.72	22.68		
10	16QAM	1	0	23.17	23.16	22.56	24	1
10	16QAM	1	25	23.23	23.20	22.58		
10	16QAM	1	49	23.24	23.16	22.86		
10	16QAM	25	0	21.71	21.73	21.67	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.72	21.68	21.62		
10	16QAM	50	0	21.66	21.71	21.66		
10	64QAM	1	0	21.67	21.90	21.93	23	2
10	64QAM	1	25	21.68	21.92	22.01		
10	64QAM	1	49	21.82	22.00	21.54		
10	64QAM	25	0	20.71	20.66	20.70	22	3
10	64QAM	25	12	20.69	20.57	20.68		
10	64QAM	25	25	20.75	20.68	20.66		
10	64QAM	50	0	20.66	20.73	20.65		
10	256QAM	1	0	19.00	18.94	18.89	20	5
10	256QAM	1	25	19.09	19.01	18.91		
10	256QAM	1	49	18.95	18.90	18.92		
10	256QAM	25	0	18.70	18.80	18.73	20	5
10	256QAM	25	12	18.84	18.77	18.62		
10	256QAM	25	25	18.82	18.74	18.62		
10	256QAM	50	0	18.66	18.81	18.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.61	23.68	23.59	25	0
5	QPSK	1	12	23.66	23.63	23.61		
5	QPSK	1	24	23.62	23.70	23.79		
5	QPSK	12	0	22.63	22.65	22.66	24	1
5	QPSK	12	7	22.73	22.66	22.67		
5	QPSK	12	13	22.65	22.68	22.70		
5	QPSK	25	0	22.71	22.71	22.69		
5	16QAM	1	0	23.07	22.90	22.80	24	1
5	16QAM	1	12	23.15	23.19	22.98		
5	16QAM	1	24	22.78	23.17	22.80		
5	16QAM	12	0	21.69	21.73	21.72	23	2
5	16QAM	12	7	21.72	21.68	21.64		
5	16QAM	12	13	21.64	21.72	21.64		
5	16QAM	25	0	21.66	21.71	21.76		
5	64QAM	1	0	21.78	21.93	22.05	23	2
5	64QAM	1	12	21.72	21.72	21.68		
5	64QAM	1	24	21.91	21.94	21.93		
5	64QAM	12	0	20.75	20.78	20.64	22	3
5	64QAM	12	7	20.79	20.74	20.63		
5	64QAM	12	13	20.80	20.65	20.78		
5	64QAM	25	0	20.69	20.65	20.63		
5	256QAM	1	0	18.92	18.86	18.82	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	19.05	18.83	19.02		
5	256QAM	12	0	18.74	18.85	18.75	20	5
5	256QAM	12	7	18.79	18.71	18.62		
5	256QAM	12	13	18.67	18.64	18.61		
5	256QAM	25	0	18.52	18.87	18.61		

Band 25_Ant 3

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.92	20.09	19.70	21	0
20	QPSK	1	49	19.82	19.94	19.58		
20	QPSK	1	99	19.86	20.04	19.61		
20	QPSK	50	0	19.86	19.99	19.64	21	0
20	QPSK	50	24	19.77	19.96	19.57		
20	QPSK	50	50	19.84	19.90	19.60		
20	QPSK	100	0	19.75	19.93	19.58		
20	16QAM	1	0	19.82	19.87	19.61	21	0
20	16QAM	1	49	19.83	19.88	19.60		
20	16QAM	1	99	19.84	19.91	19.55		
20	16QAM	50	0	19.77	19.91	19.50	21	0
20	16QAM	50	24	19.79	19.88	19.59		
20	16QAM	50	50	19.73	19.87	19.50		
20	16QAM	100	0	19.77	19.86	19.50		
20	64QAM	1	0	19.81	19.92	19.57	21	0
20	64QAM	1	49	19.71	19.87	19.57		
20	64QAM	1	99	19.73	19.86	19.57		
20	64QAM	50	0	19.76	19.86	19.49	21	0
20	64QAM	50	24	19.85	19.96	19.56		
20	64QAM	50	50	19.76	19.85	19.56		
20	64QAM	100	0	19.73	19.96	19.62		
20	256QAM	1	0	18.79	18.91	18.60	20	1
20	256QAM	1	49	18.79	18.87	18.59		
20	256QAM	1	99	18.80	18.85	18.49		
20	256QAM	50	0	18.79	18.93	18.54	20	1
20	256QAM	50	24	18.78	18.98	18.50		
20	256QAM	50	50	18.73	18.90	18.57		
20	256QAM	100	0	18.72	18.98	18.51		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.08	20.00	20.08	21	0
15	QPSK	1	37	19.84	19.81	19.83		
15	QPSK	1	74	20.02	20.02	19.96		
15	QPSK	36	0	19.85	19.98	19.92	21	0
15	QPSK	36	20	19.83	19.90	19.86		
15	QPSK	36	39	19.83	19.87	19.88		
15	QPSK	75	0	19.89	19.81	19.80		
15	16QAM	1	0	19.72	19.75	19.86	21	0
15	16QAM	1	37	19.87	19.86	19.87		
15	16QAM	1	74	19.82	19.87	19.80		
15	16QAM	36	0	19.83	19.85	19.90	21	0
15	16QAM	36	20	19.87	19.77	19.79		
15	16QAM	36	39	19.86	19.82	19.73		
15	16QAM	75	0	19.73	19.71	19.77		
15	64QAM	1	0	19.84	19.86	19.86	21	0
15	64QAM	1	37	19.73	19.81	19.85		
15	64QAM	1	74	19.76	19.74	19.77		
15	64QAM	36	0	19.81	19.74	19.75	21	0
15	64QAM	36	20	19.95	19.95	19.84		
15	64QAM	36	39	19.77	19.82	19.74		
15	64QAM	75	0	19.81	19.91	19.81		
15	256QAM	1	0	18.85	18.88	18.79	20	1
15	256QAM	1	37	18.72	18.85	18.82		
15	256QAM	1	74	18.73	18.73	18.74		
15	256QAM	36	0	18.87	18.86	18.88	20	1
15	256QAM	36	20	18.83	18.90	18.84		
15	256QAM	36	39	18.82	18.87	18.84		
15	256QAM	75	0	18.93	18.88	18.96		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.97	20.06	20.03	21	0
10	QPSK	1	25	19.87	19.87	19.79		
10	QPSK	1	49	19.98	19.91	19.97		
10	QPSK	25	0	19.90	19.84	19.91	21	0
10	QPSK	25	12	19.95	19.84	19.92		
10	QPSK	25	25	19.82	19.80	19.84		
10	QPSK	50	0	19.78	19.87	19.78		
10	16QAM	1	0	19.82	19.86	19.85	21	0
10	16QAM	1	25	19.75	19.77	19.78		
10	16QAM	1	49	19.89	19.82	19.81		
10	16QAM	25	0	19.83	19.82	19.87	21	0
10	16QAM	25	12	19.86	19.84	19.87		
10	16QAM	25	25	19.83	19.73	19.79		
10	16QAM	50	0	19.84	19.78	19.82		
10	64QAM	1	0	19.78	19.80	19.90	21	0
10	64QAM	1	25	19.82	19.81	19.77		
10	64QAM	1	49	19.85	19.76	19.85		
10	64QAM	25	0	19.84	19.83	19.72	21	0
10	64QAM	25	12	19.88	19.88	19.83		
10	64QAM	25	25	19.73	19.74	19.70		
10	64QAM	50	0	19.92	19.86	19.93		
10	256QAM	1	0	18.88	18.87	18.86	20	1
10	256QAM	1	25	18.83	18.79	18.86		
10	256QAM	1	49	18.83	18.81	18.78		
10	256QAM	25	0	18.92	18.81	18.80	20	1
10	256QAM	25	12	18.94	18.94	18.83		
10	256QAM	25	25	18.86	18.81	18.81		
10	256QAM	50	0	18.89	18.84	18.89		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.97	20.08	20.06	21	0
5	QPSK	1	12	19.84	19.89	19.90		
5	QPSK	1	24	19.94	19.90	19.96		
5	QPSK	12	0	19.89	19.91	19.90	21	0
5	QPSK	12	7	19.85	19.88	19.89		
5	QPSK	12	13	19.82	19.79	19.83		
5	QPSK	25	0	19.79	19.78	19.85		
5	16QAM	1	0	19.82	19.76	19.84	21	0
5	16QAM	1	12	19.79	19.87	19.73		
5	16QAM	1	24	19.78	19.90	19.76		
5	16QAM	12	0	19.81	19.87	19.82	21	0
5	16QAM	12	7	19.73	19.84	19.84		
5	16QAM	12	13	19.78	19.75	19.73		
5	16QAM	25	0	19.74	19.84	19.74		
5	64QAM	1	0	19.82	19.88	19.89	21	0
5	64QAM	1	12	19.83	19.79	19.83		
5	64QAM	1	24	19.79	19.82	19.72		
5	64QAM	12	0	19.74	19.72	19.73	21	0
5	64QAM	12	7	19.83	19.93	19.89		
5	64QAM	12	13	19.78	19.72	19.74		
5	64QAM	25	0	19.91	19.82	19.81		
5	256QAM	1	0	18.87	18.77	18.79	20	1
5	256QAM	1	12	18.85	18.74	18.80		
5	256QAM	1	24	18.73	18.77	18.78		
5	256QAM	12	0	18.87	18.91	18.92	20	1
5	256QAM	12	7	18.86	18.90	18.89		
5	256QAM	12	13	18.78	18.89	18.85		
5	256QAM	25	0	18.95	18.88	18.90		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.04	20.06	20.01	21	0
3	QPSK	1	8	19.93	19.92	19.91		
3	QPSK	1	14	20.02	19.96	19.96		
3	QPSK	8	0	19.85	19.86	19.94	21	0
3	QPSK	8	4	19.90	19.87	19.89		
3	QPSK	8	7	19.87	19.77	19.86		
3	QPSK	15	0	19.84	19.79	19.80		
3	16QAM	1	0	19.86	19.73	19.78	21	0
3	16QAM	1	8	19.75	19.78	19.75		
3	16QAM	1	14	19.82	19.79	19.87		
3	16QAM	8	0	19.82	19.89	19.89	21	0
3	16QAM	8	4	19.75	19.78	19.87		
3	16QAM	8	7	19.75	19.82	19.82		
3	16QAM	15	0	19.80	19.75	19.71		
3	64QAM	1	0	19.91	19.91	19.82	21	0
3	64QAM	1	8	19.73	19.80	19.76		
3	64QAM	1	14	19.76	19.72	19.77		
3	64QAM	8	0	19.74	19.71	19.81	21	0
3	64QAM	8	4	19.89	19.95	19.83		
3	64QAM	8	7	19.70	19.82	19.76		
3	64QAM	15	0	19.94	19.94	19.88		
3	256QAM	1	0	18.90	18.85	18.87	20	1
3	256QAM	1	8	18.73	18.75	18.78		
3	256QAM	1	14	18.80	18.74	18.75		
3	256QAM	8	0	18.84	18.92	18.89	20	1
3	256QAM	8	4	18.89	18.87	18.92		
3	256QAM	8	7	18.88	18.78	18.89		
3	256QAM	15	0	18.85	18.94	18.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.02	20.04	20.01	21	0
1.4	QPSK	1	3	19.82	19.87	19.92		
1.4	QPSK	1	5	19.94	20.02	19.97		
1.4	QPSK	3	0	19.87	19.93	19.87		
1.4	QPSK	3	1	19.91	19.93	19.84		
1.4	QPSK	3	3	19.82	19.87	19.82		
1.4	QPSK	6	0	19.79	19.84	19.90	21	0
1.4	16QAM	1	0	19.74	19.76	19.81	21	0
1.4	16QAM	1	3	19.85	19.85	19.87		
1.4	16QAM	1	5	19.83	19.89	19.80		
1.4	16QAM	3	0	19.79	19.87	19.79		
1.4	16QAM	3	1	19.84	19.78	19.73		
1.4	16QAM	3	3	19.84	19.76	19.86		
1.4	16QAM	6	0	19.73	19.72	19.75	21	0
1.4	64QAM	1	0	19.82	19.89	19.80	21	0
1.4	64QAM	1	3	19.73	19.81	19.81		
1.4	64QAM	1	5	19.84	19.83	19.85		
1.4	64QAM	3	0	19.72	19.79	19.71		
1.4	64QAM	3	1	19.90	19.90	19.85		
1.4	64QAM	3	3	19.74	19.84	19.70		
1.4	64QAM	6	0	19.92	19.91	19.94	21	0
1.4	256QAM	1	0	18.76	18.90	18.83	20	1
1.4	256QAM	1	3	18.83	18.85	18.84		
1.4	256QAM	1	5	18.82	18.72	18.79		
1.4	256QAM	3	0	18.82	18.89	18.81		
1.4	256QAM	3	1	18.97	18.89	18.91		
1.4	256QAM	3	3	18.89	18.75	18.84		
1.4	256QAM	6	0	18.97	18.95	18.91	20	1

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	24.06	23.96	25	0
15	QPSK	1	37	23.76	23.82	23.86		
15	QPSK	1	74	23.78	23.80	23.76		
15	QPSK	36	0	22.93	22.97	22.87	24	1
15	QPSK	36	20	22.90	22.90	22.85		
15	QPSK	36	39	22.85	22.92	22.86		
15	QPSK	75	0	22.92	22.95	22.88		
15	16QAM	1	0	22.91	23.00	23.03	24	1
15	16QAM	1	37	23.07	23.39	23.34		
15	16QAM	1	74	22.98	23.02	23.28		
15	16QAM	36	0	21.94	21.88	21.86	23	2
15	16QAM	36	20	21.96	21.92	21.89		
15	16QAM	36	39	21.94	21.94	21.88		
15	16QAM	75	0	21.97	21.91	21.90		
15	64QAM	1	0	21.89	22.19	22.16	23	2
15	64QAM	1	37	22.29	21.75	22.13		
15	64QAM	1	74	22.23	22.13	21.81		
15	64QAM	36	0	20.98	20.92	20.90	22	3
15	64QAM	36	20	20.98	20.89	20.92		
15	64QAM	36	39	20.97	20.86	20.86		
15	64QAM	75	0	20.96	20.91	20.92		
15	256QAM	1	0	18.68	18.83	18.88	20	5
15	256QAM	1	37	18.88	18.89	18.90		
15	256QAM	1	74	18.84	18.88	18.75		
15	256QAM	36	0	18.75	18.65	18.68	20	5
15	256QAM	36	20	18.70	18.70	18.70		
15	256QAM	36	39	18.53	18.66	18.69		
15	256QAM	75	0	18.73	18.69	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.95	23.99	23.82	25	0
10	QPSK	1	25	23.81	23.83	23.71		
10	QPSK	1	49	23.88	23.81	23.75		
10	QPSK	25	0	22.90	22.84	22.80	24	1
10	QPSK	25	12	22.89	22.85	22.78		
10	QPSK	25	25	22.89	22.84	22.76		
10	QPSK	50	0	22.91	22.90	22.79		
10	16QAM	1	0	22.93	22.92	23.34	24	1
10	16QAM	1	25	22.88	22.84	22.89		
10	16QAM	1	49	23.03	22.99	23.32		
10	16QAM	25	0	21.89	21.77	21.77	23	2
10	16QAM	25	12	21.86	21.83	21.80		
10	16QAM	25	25	21.82	21.77	21.69		
10	16QAM	50	0	21.87	21.77	21.82		
10	64QAM	1	0	21.87	21.94	22.07	23	2
10	64QAM	1	25	21.80	22.10	22.00		
10	64QAM	1	49	21.87	22.11	21.62		
10	64QAM	25	0	20.86	20.78	20.83	22	3
10	64QAM	25	12	20.85	20.81	20.73		
10	64QAM	25	25	20.83	20.86	20.77		
10	64QAM	50	0	20.87	20.84	20.75		
10	256QAM	1	0	18.62	18.85	18.94	20	5
10	256QAM	1	25	18.98	18.86	18.98		
10	256QAM	1	49	18.84	18.77	18.68		
10	256QAM	25	0	18.70	18.60	18.55	20	5
10	256QAM	25	12	18.68	18.77	18.57		
10	256QAM	25	25	18.40	18.61	18.60		
10	256QAM	50	0	18.59	18.71	18.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.99	23.84	23.95	25	0
5	QPSK	1	12	24.00	23.98	23.81		
5	QPSK	1	24	23.91	23.82	23.87		
5	QPSK	12	0	22.85	22.80	22.79	24	1
5	QPSK	12	7	22.91	22.87	22.83		
5	QPSK	12	13	22.90	22.87	22.77		
5	QPSK	25	0	22.91	22.83	22.84		
5	16QAM	1	0	22.86	23.17	23.14	24	1
5	16QAM	1	12	22.98	22.88	23.28		
5	16QAM	1	24	22.98	23.31	23.12		
5	16QAM	12	0	21.89	21.84	21.82	23	2
5	16QAM	12	7	21.94	21.84	21.85		
5	16QAM	12	13	21.90	21.79	21.79		
5	16QAM	25	0	21.92	21.77	21.79		
5	64QAM	1	0	21.83	22.15	22.08	23	2
5	64QAM	1	12	21.88	22.14	22.11		
5	64QAM	1	24	21.86	22.15	22.08		
5	64QAM	12	0	20.83	20.86	20.88	22	3
5	64QAM	12	7	20.90	20.84	20.86		
5	64QAM	12	13	20.88	20.83	20.87		
5	64QAM	25	0	20.88	20.83	20.77		
5	256QAM	1	0	18.65	18.91	18.81	20	5
5	256QAM	1	12	18.97	18.78	18.78		
5	256QAM	1	24	18.94	18.95	18.79		
5	256QAM	12	0	18.61	18.51	18.68	20	5
5	256QAM	12	7	18.70	18.78	18.66		
5	256QAM	12	13	18.60	18.55	18.69		
5	256QAM	25	0	18.81	18.65	18.60		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.85	23.99	23.87	25	0
3	QPSK	1	8	23.71	23.73	23.71		
3	QPSK	1	14	23.66	23.80	23.74		
3	QPSK	8	0	22.73	22.89	22.79	24	1
3	QPSK	8	4	22.78	22.90	22.73		
3	QPSK	8	7	22.71	22.82	22.80		
3	QPSK	15	0	22.77	22.87	22.81		
3	16QAM	1	0	22.78	23.00	22.84	24	1
3	16QAM	1	8	23.07	23.23	23.28		
3	16QAM	1	14	22.89	23.01	23.11		
3	16QAM	8	0	21.90	21.80	21.67	23	2
3	16QAM	8	4	21.95	21.81	21.71		
3	16QAM	8	7	21.82	21.84	21.87		
3	16QAM	15	0	21.85	21.85	21.74		
3	64QAM	1	0	21.84	22.13	22.06	23	2
3	64QAM	1	8	22.17	21.60	21.94		
3	64QAM	1	14	22.12	22.12	21.80		
3	64QAM	8	0	20.97	20.78	20.77	22	3
3	64QAM	8	4	20.83	20.86	20.76		
3	64QAM	8	7	20.89	20.85	20.69		
3	64QAM	15	0	20.90	20.71	20.87		
3	256QAM	1	0	18.53	18.81	18.78	20	5
3	256QAM	1	8	18.91	18.81	18.83		
3	256QAM	1	14	18.78	18.73	18.77		
3	256QAM	8	0	18.60	18.66	18.64	20	5
3	256QAM	8	4	18.59	18.70	18.65		
3	256QAM	8	7	18.55	18.72	18.54		
3	256QAM	15	0	18.77	18.66	18.42		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.93	23.86	23.88	25	0
1.4	QPSK	1	3	23.97	23.83	23.79		
1.4	QPSK	1	5	23.93	23.82	23.77		
1.4	QPSK	3	0	23.83	23.85	23.69		
1.4	QPSK	3	1	23.85	23.84	23.69		
1.4	QPSK	3	3	23.78	23.76	23.74		
1.4	QPSK	6	0	22.81	22.83	22.75	24	1
1.4	16QAM	1	0	22.97	22.89	23.27	24	1
1.4	16QAM	1	3	22.92	22.74	22.85		
1.4	16QAM	1	5	22.73	22.76	22.66		
1.4	16QAM	3	0	22.83	22.80	22.80		
1.4	16QAM	3	1	22.82	22.62	22.77		
1.4	16QAM	3	3	22.86	22.87	22.72		
1.4	16QAM	6	0	21.79	21.89	21.76	23	2
1.4	64QAM	1	0	22.08	22.09	22.05	23	2
1.4	64QAM	1	3	22.09	21.63	22.05		
1.4	64QAM	1	5	22.08	22.09	21.82		
1.4	64QAM	3	0	21.86	21.96	22.02		
1.4	64QAM	3	1	21.65	21.91	21.88		
1.4	64QAM	3	3	22.00	21.88	21.94		
1.4	64QAM	6	0	20.78	20.73	20.72	22	3
1.4	256QAM	1	0	18.55	18.88	18.98	20	5
1.4	256QAM	1	3	18.85	18.96	18.81		
1.4	256QAM	1	5	18.74	18.89	18.78		
1.4	256QAM	3	0	18.69	18.65	18.56		
1.4	256QAM	3	1	18.65	18.73	18.58		
1.4	256QAM	3	3	18.40	18.59	18.55		
1.4	256QAM	6	0	18.68	18.55	18.52	20	5

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.96		20	0
10	QPSK	1	25		18.95			
10	QPSK	1	49		18.88			
10	QPSK	25	0		18.88		20	0
10	QPSK	25	12		18.79			
10	QPSK	25	25		18.87			
10	QPSK	50	0		18.80			
10	16QAM	1	0		18.86		20	0
10	16QAM	1	25		18.77			
10	16QAM	1	49		18.76			
10	16QAM	25	0		18.79		20	0
10	16QAM	25	12		18.79			
10	16QAM	25	25		18.86			
10	16QAM	50	0		18.76			
10	64QAM	1	0		18.83		20	0
10	64QAM	1	25		18.82			
10	64QAM	1	49		18.84			
10	64QAM	25	0		18.83		20	0
10	64QAM	25	12		18.85			
10	64QAM	25	25		18.79			
10	64QAM	50	0		18.74			
10	256QAM	1	0		17.85		19	1
10	256QAM	1	25		17.76			
10	256QAM	1	49		17.85			
10	256QAM	25	0		17.77		19	1
10	256QAM	25	12		17.76			
10	256QAM	25	25		17.83			
10	256QAM	50	0		17.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.92	18.88	18.85	20	0
5	QPSK	1	12	18.80	18.93	18.84		
5	QPSK	1	24	18.74	18.77	18.74		
5	QPSK	12	0	18.73	18.74	18.76	20	0
5	QPSK	12	7	18.64	18.65	18.71		
5	QPSK	12	13	18.83	18.74	18.82		
5	QPSK	25	0	18.67	18.66	18.70		
5	16QAM	1	0	18.77	18.85	18.82	20	0
5	16QAM	1	12	18.65	18.70	18.64		
5	16QAM	1	24	18.66	18.68	18.64		
5	16QAM	12	0	18.74	18.65	18.75	20	0
5	16QAM	12	7	18.73	18.75	18.71		
5	16QAM	12	13	18.85	18.83	18.82		
5	16QAM	25	0	18.71	18.73	18.71		
5	64QAM	1	0	18.68	18.69	18.73	20	0
5	64QAM	1	12	18.74	18.71	18.74		
5	64QAM	1	24	18.78	18.69	18.83		
5	64QAM	12	0	18.74	18.68	18.82	20	0
5	64QAM	12	7	18.76	18.71	18.73		
5	64QAM	12	13	18.70	18.73	18.64		
5	64QAM	25	0	18.72	18.66	18.71		
5	256QAM	1	0	17.77	17.73	17.73	19	1
5	256QAM	1	12	17.67	17.72	17.66		
5	256QAM	1	24	17.75	17.71	17.75		
5	256QAM	12	0	17.70	17.74	17.65	19	1
5	256QAM	12	7	17.62	17.61	17.69		
5	256QAM	12	13	17.79	17.69	17.81		
5	256QAM	25	0	17.65	17.69	17.71		

Band 66_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.91	18.96	18.92	20.5	0
20	QPSK	1	49	18.90	18.85	18.89		
20	QPSK	1	99	18.78	18.92	18.79		
20	QPSK	50	0	18.82	18.90	18.89	20.5	0
20	QPSK	50	24	18.68	18.83	18.83		
20	QPSK	50	50	18.76	18.86	18.88		
20	QPSK	100	0	18.78	18.89	18.88		
20	16QAM	1	0	18.81	18.75	18.75	20.5	0
20	16QAM	1	49	18.73	18.89	18.77		
20	16QAM	1	99	18.70	18.82	18.80		
20	16QAM	50	0	18.80	18.80	18.78	20.5	0
20	16QAM	50	24	18.69	18.76	18.86		
20	16QAM	50	50	18.78	18.79	18.85		
20	16QAM	100	0	18.70	18.78	18.75		
20	64QAM	1	0	18.75	18.86	18.78	20.5	0
20	64QAM	1	49	18.79	18.88	18.80		
20	64QAM	1	99	18.81	18.75	18.84		
20	64QAM	50	0	18.81	18.76	18.78	20.5	0
20	64QAM	50	24	18.81	18.85	18.77		
20	64QAM	50	50	18.77	18.77	18.76		
20	64QAM	100	0	18.80	18.82	18.75		
20	256QAM	1	0	18.30	18.30	18.36	20	0.5
20	256QAM	1	49	18.23	18.35	18.30		
20	256QAM	1	99	18.29	18.26	18.31		
20	256QAM	50	0	18.31	18.39	18.25	20	0.5
20	256QAM	50	24	18.28	18.33	18.31		
20	256QAM	50	50	18.17	18.31	18.37		
20	256QAM	100	0	18.24	18.34	18.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.85	18.94	18.91	20.5	0
15	QPSK	1	37	18.77	18.82	18.83		
15	QPSK	1	74	18.89	18.89	18.88		
15	QPSK	36	0	18.76	18.75	18.82	20.5	0
15	QPSK	36	20	18.80	18.80	18.77		
15	QPSK	36	39	18.71	18.83	18.83		
15	QPSK	75	0	18.77	18.80	18.81		
15	16QAM	1	0	18.73	18.71	18.64	20.5	0
15	16QAM	1	37	18.75	18.81	18.86		
15	16QAM	1	74	18.81	18.70	18.75		
15	16QAM	36	0	18.67	18.73	18.66	20.5	0
15	16QAM	36	20	18.70	18.69	18.70		
15	16QAM	36	39	18.75	18.73	18.64		
15	16QAM	75	0	18.74	18.65	18.63		
15	64QAM	1	0	18.75	18.73	18.72	20.5	0
15	64QAM	1	37	18.78	18.78	18.82		
15	64QAM	1	74	18.61	18.65	18.64		
15	64QAM	36	0	18.66	18.73	18.64	20.5	0
15	64QAM	36	20	18.81	18.82	18.73		
15	64QAM	36	39	18.70	18.66	18.76		
15	64QAM	75	0	18.74	18.77	18.80		
15	256QAM	1	0	18.21	18.20	18.18	20	0.5
15	256QAM	1	37	18.22	18.20	18.26		
15	256QAM	1	74	18.19	18.25	18.20		
15	256QAM	36	0	18.27	18.35	18.34	20	0.5
15	256QAM	36	20	18.20	18.25	18.30		
15	256QAM	36	39	18.25	18.18	18.18		
15	256QAM	75	0	18.30	18.25	18.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.82	18.87	18.86	20.5	0
10	QPSK	1	25	18.77	18.71	18.71		
10	QPSK	1	49	18.83	18.88	18.77		
10	QPSK	25	0	18.86	18.79	18.85	20.5	0
10	QPSK	25	12	18.69	18.80	18.71		
10	QPSK	25	25	18.74	18.83	18.83		
10	QPSK	50	0	18.74	18.74	18.87		
10	16QAM	1	0	18.65	18.71	18.68	20.5	0
10	16QAM	1	25	18.76	18.79	18.86		
10	16QAM	1	49	18.67	18.79	18.72		
10	16QAM	25	0	18.65	18.68	18.78	20.5	0
10	16QAM	25	12	18.73	18.71	18.68		
10	16QAM	25	25	18.67	18.77	18.73		
10	16QAM	50	0	18.63	18.64	18.66		
10	64QAM	1	0	18.82	18.84	18.76	20.5	0
10	64QAM	1	25	18.74	18.87	18.76		
10	64QAM	1	49	18.63	18.74	18.69		
10	64QAM	25	0	18.74	18.62	18.67	20.5	0
10	64QAM	25	12	18.75	18.76	18.84		
10	64QAM	25	25	18.64	18.71	18.76		
10	64QAM	50	0	18.72	18.79	18.81		
10	256QAM	1	0	18.20	18.21	18.16	20	0.5
10	256QAM	1	25	18.24	18.31	18.32		
10	256QAM	1	49	18.20	18.24	18.12		
10	256QAM	25	0	18.37	18.37	18.27	20	0.5
10	256QAM	25	12	18.30	18.21	18.25		
10	256QAM	25	25	18.20	18.25	18.16		
10	256QAM	50	0	18.33	18.29	18.25		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.89	18.89	18.83	20.5	0
5	QPSK	1	12	18.75	18.75	18.70		
5	QPSK	1	24	18.86	18.90	18.90		
5	QPSK	12	0	18.83	18.87	18.75	20.5	0
5	QPSK	12	7	18.80	18.74	18.68		
5	QPSK	12	13	18.72	18.75	18.84		
5	QPSK	25	0	18.74	18.87	18.82		
5	16QAM	1	0	18.73	18.61	18.68	20.5	0
5	16QAM	1	12	18.80	18.87	18.78		
5	16QAM	1	24	18.67	18.81	18.71		
5	16QAM	12	0	18.69	18.68	18.75	20.5	0
5	16QAM	12	7	18.74	18.73	18.63		
5	16QAM	12	13	18.71	18.72	18.74		
5	16QAM	25	0	18.66	18.65	18.72		
5	64QAM	1	0	18.83	18.71	18.74	20.5	0
5	64QAM	1	12	18.83	18.84	18.74		
5	64QAM	1	24	18.69	18.74	18.69		
5	64QAM	12	0	18.61	18.62	18.75	20.5	0
5	64QAM	12	7	18.73	18.74	18.84		
5	64QAM	12	13	18.65	18.63	18.67		
5	64QAM	25	0	18.79	18.77	18.76		
5	256QAM	1	0	18.18	18.17	18.28	20	0.5
5	256QAM	1	12	18.23	18.33	18.23		
5	256QAM	1	24	18.12	18.18	18.17		
5	256QAM	12	0	18.29	18.37	18.27	20	0.5
5	256QAM	12	7	18.32	18.27	18.32		
5	256QAM	12	13	18.26	18.26	18.19		
5	256QAM	25	0	18.24	18.22	18.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.95	18.93	18.85	20.5	0
3	QPSK	1	8	18.76	18.79	18.76		
3	QPSK	1	14	18.85	18.78	18.79		
3	QPSK	8	0	18.82	18.87	18.85	20.5	0
3	QPSK	8	4	18.80	18.76	18.79		
3	QPSK	8	7	18.84	18.81	18.84		
3	QPSK	15	0	18.82	18.85	18.88		
3	16QAM	1	0	18.69	18.67	18.66	20.5	0
3	16QAM	1	8	18.77	18.84	18.84		
3	16QAM	1	14	18.72	18.71	18.81		
3	16QAM	8	0	18.70	18.71	18.65	20.5	0
3	16QAM	8	4	18.66	18.65	18.69		
3	16QAM	8	7	18.71	18.77	18.65		
3	16QAM	15	0	18.69	18.72	18.75		
3	64QAM	1	0	18.79	18.77	18.84	20.5	0
3	64QAM	1	8	18.85	18.85	18.78		
3	64QAM	1	14	18.69	18.70	18.72		
3	64QAM	8	0	18.67	18.64	18.68	20.5	0
3	64QAM	8	4	18.77	18.72	18.79		
3	64QAM	8	7	18.65	18.76	18.68		
3	64QAM	15	0	18.73	18.75	18.70		
3	256QAM	1	0	18.16	18.25	18.25	20	0.5
3	256QAM	1	8	18.27	18.20	18.29		
3	256QAM	1	14	18.18	18.20	18.24		
3	256QAM	8	0	18.36	18.29	18.37	20	0.5
3	256QAM	8	4	18.24	18.21	18.28		
3	256QAM	8	7	18.19	18.27	18.29		
3	256QAM	15	0	18.30	18.21	18.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.88	18.86	18.83	20.5	0
1.4	QPSK	1	3	18.70	18.84	18.70		
1.4	QPSK	1	5	18.86	18.91	18.87		
1.4	QPSK	3	0	18.85	18.84	18.84		
1.4	QPSK	3	1	18.76	18.70	18.80		
1.4	QPSK	3	3	18.85	18.85	18.80		
1.4	QPSK	6	0	18.75	18.79	18.81	20.5	0
1.4	16QAM	1	0	18.69	18.66	18.68	20.5	0
1.4	16QAM	1	3	18.75	18.88	18.83		
1.4	16QAM	1	5	18.74	18.69	18.73		
1.4	16QAM	3	0	18.76	18.74	18.74		
1.4	16QAM	3	1	18.64	18.75	18.69		
1.4	16QAM	3	3	18.66	18.77	18.69		
1.4	16QAM	6	0	18.77	18.72	18.68	20.5	0
1.4	64QAM	1	0	18.74	18.76	18.83	20.5	0
1.4	64QAM	1	3	18.78	18.86	18.79		
1.4	64QAM	1	5	18.64	18.63	18.62		
1.4	64QAM	3	0	18.61	18.61	18.61		
1.4	64QAM	3	1	18.79	18.78	18.74		
1.4	64QAM	3	3	18.69	18.75	18.64		
1.4	64QAM	6	0	18.79	18.75	18.75	20.5	0
1.4	256QAM	1	0	18.15	18.19	18.17	20	0.5
1.4	256QAM	1	3	18.29	18.20	18.22		
1.4	256QAM	1	5	18.14	18.13	18.20		
1.4	256QAM	3	0	18.33	18.38	18.33		
1.4	256QAM	3	1	18.27	18.28	18.20		
1.4	256QAM	3	3	18.23	18.26	18.26		
1.4	256QAM	6	0	18.23	18.22	18.32	20	0.5

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.87	23.92	23.85	25	0
20	QPSK	1	49	23.81	23.87	23.76		
20	QPSK	1	99	23.76	23.82	23.77		
20	QPSK	50	0	22.79	22.92	22.78	24	1
20	QPSK	50	24	22.77	22.79	22.74		
20	QPSK	50	50	22.74	22.77	22.70		
20	QPSK	100	0	22.82	22.89	22.74		
20	16QAM	1	0	22.85	22.99	22.96	24	1
20	16QAM	1	49	22.80	22.85	22.74		
20	16QAM	1	99	22.92	22.97	22.90		
20	16QAM	50	0	21.80	21.84	21.79	23	2
20	16QAM	50	24	21.78	21.79	21.76		
20	16QAM	50	50	21.74	21.82	21.79		
20	16QAM	100	0	21.81	21.82	21.76		
20	64QAM	1	0	21.23	21.32	21.27	23	2
20	64QAM	1	49	21.14	21.18	21.09		
20	64QAM	1	99	21.15	21.21	21.10		
20	64QAM	50	0	20.97	20.99	20.88	22	3
20	64QAM	50	24	20.72	20.86	20.82		
20	64QAM	50	50	20.84	20.86	20.83		
20	64QAM	100	0	20.76	20.90	20.78		
20	256QAM	1	0	18.83	18.97	18.84	20	5
20	256QAM	1	49	18.95	18.95	18.93		
20	256QAM	1	99	18.98	19.02	18.91		
20	256QAM	50	0	18.73	18.87	18.79	20	5
20	256QAM	50	24	18.75	18.84	18.74		
20	256QAM	50	50	18.85	18.85	18.90		
20	256QAM	100	0	18.92	18.86	18.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.79	23.68	25	0
15	QPSK	1	37	23.71	23.85	23.63		
15	QPSK	1	74	23.62	23.70	23.72		
15	QPSK	36	0	22.64	22.85	22.61	24	1
15	QPSK	36	20	22.73	22.67	22.71		
15	QPSK	36	39	22.56	22.68	22.50		
15	QPSK	75	0	22.81	22.70	22.69		
15	16QAM	1	0	22.74	22.85	22.86	24	1
15	16QAM	1	37	22.64	22.73	22.72		
15	16QAM	1	74	22.88	22.92	22.74		
15	16QAM	36	0	21.71	21.67	21.71	23	2
15	16QAM	36	20	21.72	21.74	21.66		
15	16QAM	36	39	21.56	21.65	21.76		
15	16QAM	75	0	21.62	21.80	21.68		
15	64QAM	1	0	21.16	21.26	21.25	23	2
15	64QAM	1	37	21.09	21.12	21.17		
15	64QAM	1	74	21.19	21.20	21.10		
15	64QAM	36	0	20.95	20.80	20.88	22	3
15	64QAM	36	20	20.54	20.67	20.77		
15	64QAM	36	39	20.70	20.83	20.69		
15	64QAM	75	0	20.61	20.87	20.68		
15	256QAM	1	0	18.82	18.83	18.76	20	5
15	256QAM	1	37	18.96	18.96	18.81		
15	256QAM	1	74	19.02	19.07	18.96		
15	256QAM	36	0	18.67	18.95	18.69	20	5
15	256QAM	36	20	18.61	18.75	18.65		
15	256QAM	36	39	18.73	18.79	18.83		
15	256QAM	75	0	18.98	18.77	18.77		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.74	23.90	23.70	25	0
10	QPSK	1	25	23.61	23.87	23.63		
10	QPSK	1	49	23.68	23.77	23.77		
10	QPSK	25	0	22.65	22.80	22.70	24	1
10	QPSK	25	12	22.71	22.62	22.65		
10	QPSK	25	25	22.60	22.58	22.56		
10	QPSK	50	0	22.77	22.83	22.67		
10	16QAM	1	0	22.81	22.90	22.91	24	1
10	16QAM	1	25	22.72	22.81	22.70		
10	16QAM	1	49	22.91	22.78	22.87		
10	16QAM	25	0	21.70	21.76	21.73	23	2
10	16QAM	25	12	21.63	21.64	21.70		
10	16QAM	25	25	21.65	21.66	21.75		
10	16QAM	50	0	21.69	21.75	21.75		
10	64QAM	1	0	21.15	21.13	21.15	23	2
10	64QAM	1	25	21.05	21.16	21.05		
10	64QAM	1	49	21.04	21.21	21.11		
10	64QAM	25	0	20.90	20.87	20.78	22	3
10	64QAM	25	12	20.67	20.69	20.67		
10	64QAM	25	25	20.76	20.69	20.67		
10	64QAM	50	0	20.58	20.85	20.78		
10	256QAM	1	0	18.84	19.03	18.87	20	5
10	256QAM	1	25	18.88	19.05	18.87		
10	256QAM	1	49	18.86	19.11	18.76		
10	256QAM	25	0	18.59	18.95	18.81	20	5
10	256QAM	25	12	18.62	18.88	18.77		
10	256QAM	25	25	18.89	18.77	18.77		
10	256QAM	50	0	18.95	18.88	18.82		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.73	23.72	23.69	25	0
5	QPSK	1	12	23.75	23.85	23.59		
5	QPSK	1	24	23.73	23.77	23.69		
5	QPSK	12	0	22.59	22.84	22.78	24	1
5	QPSK	12	7	22.65	22.70	22.57		
5	QPSK	12	13	22.65	22.77	22.51		
5	QPSK	25	0	22.69	22.82	22.69		
5	16QAM	1	0	22.79	22.95	22.95	24	1
5	16QAM	1	12	22.77	22.76	22.71		
5	16QAM	1	24	22.78	22.81	22.76		
5	16QAM	12	0	21.76	21.65	21.75	23	2
5	16QAM	12	7	21.63	21.72	21.56		
5	16QAM	12	13	21.70	21.63	21.74		
5	16QAM	25	0	21.78	21.80	21.66		
5	64QAM	1	0	21.06	21.24	21.21	23	2
5	64QAM	1	12	21.09	21.08	21.14		
5	64QAM	1	24	21.14	21.19	21.09		
5	64QAM	12	0	20.82	20.86	20.79	22	3
5	64QAM	12	7	20.60	20.83	20.74		
5	64QAM	12	13	20.68	20.68	20.66		
5	64QAM	25	0	20.57	20.83	20.63		
5	256QAM	1	0	18.85	19.04	18.88	20	5
5	256QAM	1	12	18.84	19.03	18.93		
5	256QAM	1	24	18.99	19.03	18.93		
5	256QAM	12	0	18.70	18.74	18.66	20	5
5	256QAM	12	7	18.70	18.89	18.68		
5	256QAM	12	13	18.84	18.95	18.99		
5	256QAM	25	0	18.83	18.84	18.87		

Band 48_Ant 4

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	22.35	22.53	22.98	22.90	23.5	0
20	QPSK	1	49	22.28	22.46	22.96	22.84		
20	QPSK	1	99	22.30	22.46	22.91	22.83		
20	QPSK	50	0	21.81	21.94	22.41	22.31	23	0.5
20	QPSK	50	24	21.77	21.90	22.39	22.21		
20	QPSK	50	50	21.80	21.93	22.33	22.27		
20	QPSK	100	0	21.78	21.87	22.37	22.29		
20	16QAM	1	0	21.79	21.86	22.35	22.26	23	0.5
20	16QAM	1	49	21.77	21.89	22.37	22.26		
20	16QAM	1	99	21.71	21.91	22.34	22.27		
20	16QAM	50	0	20.71	20.88	21.33	21.23	22	1.5
20	16QAM	50	24	20.72	20.85	21.32	21.23		
20	16QAM	50	50	20.74	20.84	21.38	21.21		
20	16QAM	100	0	20.80	20.92	21.37	21.23		
20	64QAM	1	0	20.71	20.91	21.35	21.29	22	1.5
20	64QAM	1	49	20.76	20.90	21.35	21.24		
20	64QAM	1	99	20.71	20.84	21.32	21.29		
20	64QAM	50	0	19.71	19.92	20.38	20.23	21	2.5
20	64QAM	50	24	19.78	19.91	20.36	20.30		
20	64QAM	50	50	19.78	19.89	20.35	20.27		
20	64QAM	100	0	19.80	19.92	20.39	20.25		
20	256QAM	1	0	17.73	17.91	18.35	18.24	19	4.5
20	256QAM	1	49	17.80	17.86	18.36	18.27		
20	256QAM	1	99	17.77	17.86	18.36	18.30		
20	256QAM	50	0	17.77	17.91	18.34	18.22	19	4.5
20	256QAM	50	24	17.74	17.91	18.38	18.21		
20	256QAM	50	50	17.80	17.92	18.32	18.26		
20	256QAM	100	0	17.72	17.88	18.36	18.22		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.48	22.44	22.91	22.86	23.5	0
15	QPSK	1	37	22.40	22.34	22.94	22.92		
15	QPSK	1	74	22.32	22.32	22.78	22.82		
15	QPSK	36	0	21.86	21.91	22.29	22.39	23	0.5
15	QPSK	36	20	21.82	21.78	22.29	22.25		
15	QPSK	36	39	21.78	21.81	22.31	22.28		
15	QPSK	75	0	21.83	21.84	22.34	22.35		
15	16QAM	1	0	21.77	21.73	22.23	22.20	23	0.5
15	16QAM	1	37	21.85	21.81	22.28	22.33		
15	16QAM	1	74	21.82	21.90	22.27	22.33		
15	16QAM	36	0	20.76	20.74	21.20	21.22	22	1.5
15	16QAM	36	20	20.76	20.71	21.20	21.26		
15	16QAM	36	39	20.79	20.79	21.35	21.30		
15	16QAM	75	0	20.80	20.81	21.31	21.29		
15	64QAM	1	0	20.76	20.88	21.29	21.29	22	1.5
15	64QAM	1	37	20.88	20.76	21.32	21.21		
15	64QAM	1	74	20.71	20.71	21.24	21.19		
15	64QAM	36	0	19.90	19.85	20.27	20.33	21	2.5
15	64QAM	36	20	19.80	19.81	20.30	20.29		
15	64QAM	36	39	19.77	19.82	20.30	20.33		
15	64QAM	75	0	19.86	19.83	20.31	20.27		
15	256QAM	1	0	17.88	17.80	18.22	18.32	19	4.5
15	256QAM	1	37	17.78	17.84	18.35	18.34		
15	256QAM	1	74	17.71	17.73	18.35	18.31		
15	256QAM	36	0	17.82	17.78	18.23	18.25	19	4.5
15	256QAM	36	20	17.83	17.79	18.26	18.34		
15	256QAM	36	39	17.80	17.84	18.25	18.22		
15	256QAM	75	0	17.84	17.79	18.33	18.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.49	22.38	22.94	22.87	23.5	0
10	QPSK	1	25	22.42	22.36	22.90	22.88		
10	QPSK	1	49	22.43	22.44	22.90	22.88		
10	QPSK	25	0	21.86	21.86	22.26	22.33	23	0.5
10	QPSK	25	12	21.85	21.84	22.31	22.25		
10	QPSK	25	25	21.87	21.85	22.22	22.29		
10	QPSK	50	0	21.79	21.85	22.23	22.25		
10	16QAM	1	0	21.81	21.72	22.29	22.23	23	0.5
10	16QAM	1	25	21.76	21.83	22.36	22.30		
10	16QAM	1	49	21.78	21.90	22.32	22.22		
10	16QAM	25	0	20.87	20.83	21.25	21.20	22	1.5
10	16QAM	25	12	20.71	20.70	21.18	21.20		
10	16QAM	25	25	20.70	20.80	21.29	21.32		
10	16QAM	50	0	20.87	20.83	21.33	21.29		
10	64QAM	1	0	20.90	20.86	21.29	21.33	22	1.5
10	64QAM	1	25	20.84	20.78	21.32	21.34		
10	64QAM	1	49	20.72	20.81	21.23	21.31		
10	64QAM	25	0	19.87	19.82	20.32	20.36	21	2.5
10	64QAM	25	12	19.90	19.77	20.28	20.30		
10	64QAM	25	25	19.86	19.86	20.26	20.20		
10	64QAM	50	0	19.77	19.83	20.26	20.32		
10	256QAM	1	0	17.86	17.87	18.32	18.26	19	4.5
10	256QAM	1	25	17.76	17.78	18.23	18.25		
10	256QAM	1	49	17.77	17.85	18.35	18.26		
10	256QAM	25	0	17.88	17.80	18.23	18.20	19	4.5
10	256QAM	25	12	17.81	17.86	18.37	18.30		
10	256QAM	25	25	17.83	17.86	18.28	18.29		
10	256QAM	50	0	17.77	17.81	18.24	18.24		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.39	22.40	22.91	22.91	23.5	0
5	QPSK	1	12	22.32	22.44	22.93	22.84		
5	QPSK	1	24	22.37	22.34	22.81	22.77		
5	QPSK	12	0	21.80	21.91	22.34	22.38	23	0.5
5	QPSK	12	7	21.88	21.84	22.24	22.36		
5	QPSK	12	13	21.89	21.85	22.28	22.27		
5	QPSK	25	0	21.77	21.85	22.31	22.32		
5	16QAM	1	0	21.83	21.75	22.30	22.28	23	0.5
5	16QAM	1	12	21.78	21.80	22.31	22.25		
5	16QAM	1	24	21.86	21.79	22.26	22.26		
5	16QAM	12	0	20.82	20.74	21.26	21.21	22	1.5
5	16QAM	12	7	20.76	20.72	21.22	21.27		
5	16QAM	12	13	20.81	20.83	21.25	21.27		
5	16QAM	25	0	20.81	20.85	21.30	21.30		
5	64QAM	1	0	20.80	20.87	21.24	21.27	22	1.5
5	64QAM	1	12	20.77	20.78	21.24	21.34		
5	64QAM	1	24	20.83	20.83	21.31	21.28		
5	64QAM	12	0	19.86	19.90	20.26	20.29	21	2.5
5	64QAM	12	7	19.86	19.82	20.28	20.35		
5	64QAM	12	13	19.76	19.87	20.21	20.28		
5	64QAM	25	0	19.85	19.83	20.30	20.31		
5	256QAM	1	0	17.87	17.90	18.28	18.32	19	4.5
5	256QAM	1	12	17.74	17.78	18.26	18.24		
5	256QAM	1	24	17.74	17.71	18.34	18.35		
5	256QAM	12	0	17.87	17.82	18.32	18.23	19	4.5
5	256QAM	12	7	17.87	17.83	18.30	18.29		
5	256QAM	12	13	17.89	17.87	18.24	18.19		
5	256QAM	25	0	17.74	17.78	18.21	18.28		

Reduced Power Mode for Sensor on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.14	33.36	33.27	**34.00**	24.14	24.36	24.27	**25.00**
GPRS 1 Tx slot	33.12	33.38	33.22	**34.00**	24.12	24.38	24.22	**25.00**
GPRS 2 Tx slots	32.00	32.27	32.11	**33.00**	26.00	26.27	26.11	**27.00**
GPRS 3 Tx slots	29.66	29.93	29.80	**31.00**	25.40	25.67	25.54	**26.74**
GPRS 4 Tx slots	28.35	28.61	28.53	**29.50**	25.35	25.61	25.53	**26.50**
EDGE 1 Tx slot	26.70	26.71	26.65	**27.50**	17.70	17.71	17.65	**18.50**
EDGE 2 Tx slots	25.10	25.13	25.56	**26.50**	19.10	19.13	19.56	**20.50**
EDGE 3 Tx slots	22.61	22.64	22.74	**24.00**	18.35	18.38	18.48	**19.74**
EDGE 4 Tx slots	21.41	21.55	21.25	**23.00**	18.41	18.55	18.25	**20.00**

GSM1900_Ant 3	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	20.52	20.76	20.33	**21.50**	11.52	11.76	11.33	**12.50**
GPRS 1 Tx slot	20.69	20.81	20.31	**21.50**	11.69	11.81	11.31	**12.50**
GPRS 2 Tx slots	19.25	19.71	19.17	**20.50**	13.25	13.71	13.17	**14.50**
GPRS 3 Tx slots	16.67	17.08	16.39	**18.00**	12.41	12.82	12.13	**13.74**
GPRS 4 Tx slots	15.31	15.87	15.14	**16.50**	12.31	12.87	12.14	**13.50**
EDGE 1 Tx slot	17.19	16.95	16.86	**18.50**	8.19	7.95	7.86	**9.50**
EDGE 2 Tx slots	15.59	15.86	15.52	**17.00**	9.59	9.86	9.52	**11.00**
EDGE 3 Tx slots	13.68	13.82	13.68	**15.00**	9.42	9.56	9.42	**10.74**
EDGE 4 Tx slots	12.33	12.43	12.24	**14.00**	9.33	9.43	9.24	**11.00**

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.28	15.36	15.16	**16.50**	13.75	13.89	13.87	**15.50**	23.46	23.55	23.47	**24.50**
3GPP Rel 99	RMC 12.2Kbps	15.33	15.37	15.24	**16.50**	13.80	13.95	13.91	**15.50**	23.51	23.58	23.49	**24.50**
3GPP Rel 6	HSDPA Subtest-1	14.37	14.41	14.50	**15.50**	12.77	12.84	12.79	**14.50**	22.59	22.60	22.60	**23.50**
3GPP Rel 6	HSDPA Subtest-2	14.34	14.38	14.43	**15.50**	12.67	12.69	12.79	**14.50**	22.62	22.61	22.56	**23.50**
3GPP Rel 6	HSDPA Subtest-3	13.90	13.99	13.98	**15.00**	12.23	12.27	12.25	**14.00**	22.13	22.14	22.11	**23.00**
3GPP Rel 6	HSDPA Subtest-4	13.85	13.89	13.92	**15.00**	12.46	12.39	12.44	**14.00**	22.10	22.06	22.09	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	13.82	13.86	13.90	**15.50**	12.97	12.93	13.00	**14.50**	22.42	22.32	22.39	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	13.88	13.90	13.90	**15.50**	13.11	13.12	13.09	**14.50**	22.26	22.33	22.32	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	13.35	13.28	13.39	**15.00**	12.59	12.61	12.57	**14.00**	21.90	21.82	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	13.35	13.32	13.41	**15.00**	12.43	12.39	12.37	**14.00**	21.90	21.81	21.86	**23.00**
3GPP Rel 6	HSUPA Subtest-1	12.39	12.31	12.40	**14.00**	12.69	12.76	12.72	**14.50**	20.54	20.57	20.53	**22.00**
3GPP Rel 6	HSUPA Subtest-2	12.31	12.34	12.29	**13.00**	11.85	11.85	11.84	**12.50**	20.56	20.59	20.56	**21.00**
3GPP Rel 6	HSUPA Subtest-3	13.30	13.43	13.30	**14.00**	12.67	12.76	12.68	**13.50**	21.54	21.61	21.56	**22.00**
3GPP Rel 6	HSUPA Subtest-4	11.81	11.81	11.81	**13.00**	11.28	11.23	11.29	**12.50**	20.07	20.12	20.09	**21.00**
3GPP Rel 6	HSUPA Subtest-5	13.27	13.29	13.28	**15.00**	12.61	12.62	12.64	**14.50**	21.50	21.60	21.50	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.22	12.14	12.16	**13.00**	11.58	11.53	11.59	**12.00**	20.59	20.56	20.58	**21.00**

Band 2_Ant 3

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	16.55	16.65	16.48	17.5	0
20	QPSK	1	49	16.54	16.61	16.33		
20	QPSK	1	99	16.53	16.57	16.36		
20	QPSK	50	0	16.50	16.59	16.38	17.5	0
20	QPSK	50	24	16.49	16.51	16.37		
20	QPSK	50	50	16.47	16.54	16.34		
20	QPSK	100	0	16.46	16.56	16.34		
20	16QAM	1	0	16.35	16.55	16.35	17.5	0
20	16QAM	1	49	16.45	16.49	16.29		
20	16QAM	1	99	16.43	16.45	16.25		
20	16QAM	50	0	16.46	16.47	16.35	17.5	0
20	16QAM	50	24	16.41	16.45	16.24		
20	16QAM	50	50	16.35	16.50	16.25		
20	16QAM	100	0	16.36	16.45	16.32		
20	64QAM	1	0	16.47	16.47	16.31	17.5	0
20	64QAM	1	49	16.43	16.51	16.34		
20	64QAM	1	99	16.49	16.56	16.32		
20	64QAM	50	0	16.42	16.45	16.31	17.5	0
20	64QAM	50	24	16.40	16.56	16.25		
20	64QAM	50	50	16.38	16.44	16.34		
20	64QAM	100	0	16.35	16.52	16.37		
20	256QAM	1	0	16.45	16.50	16.23	17.5	0
20	256QAM	1	49	16.45	16.55	16.30		
20	256QAM	1	99	16.42	16.48	16.27		
20	256QAM	50	0	16.37	16.57	16.27	17.5	0
20	256QAM	50	24	16.41	16.49	16.25		
20	256QAM	50	50	16.38	16.44	16.23		
20	256QAM	100	0	16.44	16.49	16.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.63	16.61	16.61	17.5	0
15	QPSK	1	37	16.54	16.46	16.56		
15	QPSK	1	74	16.56	16.48	16.51		
15	QPSK	36	0	16.47	16.46	16.49	17.5	0
15	QPSK	36	20	16.44	16.37	16.36		
15	QPSK	36	39	16.39	16.53	16.52		
15	QPSK	75	0	16.44	16.46	16.45		
15	16QAM	1	0	16.53	16.43	16.52	17.5	0
15	16QAM	1	37	16.41	16.36	16.44		
15	16QAM	1	74	16.31	16.41	16.37		
15	16QAM	36	0	16.40	16.41	16.41	17.5	0
15	16QAM	36	20	16.44	16.32	16.36		
15	16QAM	36	39	16.42	16.35	16.41		
15	16QAM	75	0	16.40	16.44	16.37		
15	64QAM	1	0	16.39	16.37	16.40	17.5	0
15	64QAM	1	37	16.36	16.47	16.42		
15	64QAM	1	74	16.43	16.44	16.44		
15	64QAM	36	0	16.34	16.37	16.32	17.5	0
15	64QAM	36	20	16.46	16.42	16.48		
15	64QAM	36	39	16.37	16.36	16.32		
15	64QAM	75	0	16.39	16.42	16.47		
15	256QAM	1	0	16.36	16.36	16.49	17.5	0
15	256QAM	1	37	16.45	16.44	16.43		
15	256QAM	1	74	16.35	16.39	16.39		
15	256QAM	36	0	16.45	16.45	16.45	17.5	0
15	256QAM	36	20	16.35	16.45	16.45		
15	256QAM	36	39	16.36	16.36	16.36		
15	256QAM	75	0	16.43	16.36	16.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.58	16.60	16.63	17.5	0
10	QPSK	1	25	16.56	16.49	16.51		
10	QPSK	1	49	16.52	16.52	16.43		
10	QPSK	25	0	16.49	16.52	16.44	17.5	0
10	QPSK	25	12	16.42	16.47	16.44		
10	QPSK	25	25	16.47	16.41	16.42		
10	QPSK	50	0	16.53	16.50	16.47		
10	16QAM	1	0	16.50	16.46	16.51	17.5	0
10	16QAM	1	25	16.45	16.38	16.45		
10	16QAM	1	49	16.34	16.36	16.34		
10	16QAM	25	0	16.44	16.45	16.34	17.5	0
10	16QAM	25	12	16.42	16.40	16.43		
10	16QAM	25	25	16.48	16.37	16.38		
10	16QAM	50	0	16.42	16.32	16.43		
10	64QAM	1	0	16.45	16.46	16.44	17.5	0
10	64QAM	1	25	16.38	16.45	16.39		
10	64QAM	1	49	16.54	16.50	16.49		
10	64QAM	25	0	16.36	16.31	16.42	17.5	0
10	64QAM	25	12	16.50	16.41	16.44		
10	64QAM	25	25	16.37	16.40	16.42		
10	64QAM	50	0	16.40	16.43	16.51		
10	256QAM	1	0	16.44	16.45	16.36	17.5	0
10	256QAM	1	25	16.41	16.49	16.54		
10	256QAM	1	49	16.38	16.39	16.42		
10	256QAM	25	0	16.55	16.50	16.56	17.5	0
10	256QAM	25	12	16.47	16.38	16.35		
10	256QAM	25	25	16.36	16.43	16.29		
10	256QAM	50	0	16.37	16.43	16.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.58	16.60	16.63	17.5	0
5	QPSK	1	12	16.48	16.55	16.54		
5	QPSK	1	24	16.55	16.55	16.47		
5	QPSK	12	0	16.53	16.46	16.55	17.5	0
5	QPSK	12	7	16.36	16.45	16.40		
5	QPSK	12	13	16.52	16.40	16.45		
5	QPSK	25	0	16.48	16.45	16.43		
5	16QAM	1	0	16.44	16.45	16.45	17.5	0
5	16QAM	1	12	16.42	16.40	16.43		
5	16QAM	1	24	16.32	16.37	16.37		
5	16QAM	12	0	16.33	16.37	16.39	17.5	0
5	16QAM	12	7	16.43	16.36	16.32		
5	16QAM	12	13	16.44	16.42	16.45		
5	16QAM	25	0	16.39	16.34	16.33		
5	64QAM	1	0	16.45	16.38	16.43	17.5	0
5	64QAM	1	12	16.38	16.38	16.39		
5	64QAM	1	24	16.52	16.45	16.49		
5	64QAM	12	0	16.35	16.35	16.31	17.5	0
5	64QAM	12	7	16.47	16.43	16.50		
5	64QAM	12	13	16.38	16.39	16.38		
5	64QAM	25	0	16.43	16.46	16.43		
5	256QAM	1	0	16.45	16.44	16.40	17.5	0
5	256QAM	1	12	16.43	16.50	16.42		
5	256QAM	1	24	16.47	16.43	16.45		
5	256QAM	12	0	16.55	16.55	16.56	17.5	0
5	256QAM	12	7	16.45	16.36	16.48		
5	256QAM	12	13	16.29	16.35	16.32		
5	256QAM	25	0	16.34	16.38	16.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.57	16.51	16.56	17.5	0
3	QPSK	1	8	16.49	16.56	16.48		
3	QPSK	1	14	16.43	16.50	16.55		
3	QPSK	8	0	16.47	16.46	16.57	17.5	0
3	QPSK	8	4	16.49	16.39	16.38		
3	QPSK	8	7	16.51	16.43	16.41		
3	QPSK	15	0	16.55	16.46	16.51		
3	16QAM	1	0	16.50	16.52	16.41	17.5	0
3	16QAM	1	8	16.35	16.34	16.38		
3	16QAM	1	14	16.30	16.35	16.30		
3	16QAM	8	0	16.37	16.42	16.44	17.5	0
3	16QAM	8	4	16.31	16.33	16.30		
3	16QAM	8	7	16.36	16.42	16.38		
3	16QAM	15	0	16.37	16.42	16.41		
3	64QAM	1	0	16.34	16.43	16.32	17.5	0
3	64QAM	1	8	16.40	16.42	16.45		
3	64QAM	1	14	16.43	16.53	16.43		
3	64QAM	8	0	16.37	16.35	16.43	17.5	0
3	64QAM	8	4	16.46	16.51	16.54		
3	64QAM	8	7	16.39	16.33	16.32		
3	64QAM	15	0	16.42	16.43	16.42		
3	256QAM	1	0	16.43	16.45	16.39	17.5	0
3	256QAM	1	8	16.42	16.50	16.52		
3	256QAM	1	14	16.36	16.42	16.46		
3	256QAM	8	0	16.51	16.56	16.47	17.5	0
3	256QAM	8	4	16.46	16.47	16.35		
3	256QAM	8	7	16.41	16.35	16.37		
3	256QAM	15	0	16.44	16.34	16.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.55	16.58	16.64	17.5	0
1.4	QPSK	1	3	16.57	16.52	16.49		
1.4	QPSK	1	5	16.52	16.44	16.56		
1.4	QPSK	3	0	16.52	16.45	16.49		
1.4	QPSK	3	1	16.39	16.46	16.50		
1.4	QPSK	3	3	16.51	16.47	16.41		
1.4	QPSK	6	0	16.44	16.51	16.44	17.5	0
1.4	16QAM	1	0	16.40	16.48	16.42	17.5	0
1.4	16QAM	1	3	16.44	16.34	16.42		
1.4	16QAM	1	5	16.34	16.42	16.38		
1.4	16QAM	3	0	16.32	16.46	16.43		
1.4	16QAM	3	1	16.34	16.38	16.31		
1.4	16QAM	3	3	16.46	16.41	16.41		
1.4	16QAM	6	0	16.37	16.33	16.41	17.5	0
1.4	64QAM	1	0	16.34	16.35	16.33	17.5	0
1.4	64QAM	1	3	16.42	16.49	16.50		
1.4	64QAM	1	5	16.45	16.54	16.55		
1.4	64QAM	3	0	16.35	16.37	16.35		
1.4	64QAM	3	1	16.54	16.47	16.41		
1.4	64QAM	3	3	16.32	16.36	16.41		
1.4	64QAM	6	0	16.47	16.49	16.37	17.5	0
1.4	256QAM	1	0	16.42	16.39	16.35	17.5	0
1.4	256QAM	1	3	16.49	16.46	16.45		
1.4	256QAM	1	5	16.44	16.45	16.33		
1.4	256QAM	3	0	16.50	16.53	16.48		
1.4	256QAM	3	1	16.43	16.34	16.42		
1.4	256QAM	3	3	16.38	16.33	16.32		
1.4	256QAM	6	0	16.48	16.48	16.34	17.5	0

Band 4_Ant 3

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	14.72	15.02	14.94	16.5	0
20	QPSK	1	49	14.59	14.94	14.90		
20	QPSK	1	99	14.66	14.98	14.89		
20	QPSK	50	0	14.58	15.00	14.80	16.5	0
20	QPSK	50	24	14.56	14.97	14.69		
20	QPSK	50	50	14.50	14.93	14.79		
20	QPSK	100	0	14.50	14.89	14.68		
20	16QAM	1	0	14.56	14.95	14.70	16.5	0
20	16QAM	1	49	14.57	14.95	14.71		
20	16QAM	1	99	14.64	14.91	14.73		
20	16QAM	50	0	14.61	14.87	14.69	16.5	0
20	16QAM	50	24	14.69	14.90	14.75		
20	16QAM	50	50	14.66	14.93	14.78		
20	16QAM	100	0	14.64	14.98	14.72		
20	64QAM	1	0	14.69	14.89	14.74	16.5	0
20	64QAM	1	49	14.71	14.86	14.70		
20	64QAM	1	99	14.65	14.89	14.78		
20	64QAM	50	0	14.68	14.90	14.78	16.5	0
20	64QAM	50	24	14.71	14.93	14.78		
20	64QAM	50	50	14.59	14.94	14.73		
20	64QAM	100	0	14.61	14.87	14.67		
20	256QAM	1	0	14.69	14.94	14.69	16.5	0
20	256QAM	1	49	14.62	14.90	14.71		
20	256QAM	1	99	14.67	14.98	14.70		
20	256QAM	50	0	14.68	14.89	14.78	16.5	0
20	256QAM	50	24	14.61	14.89	14.71		
20	256QAM	50	50	14.58	14.99	14.66		
20	256QAM	100	0	14.60	14.96	14.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.87	14.97	14.97	16.5	0
15	QPSK	1	37	14.91	14.84	14.80		
15	QPSK	1	74	14.94	14.85	14.88		
15	QPSK	36	0	14.86	14.86	14.89	16.5	0
15	QPSK	36	20	14.84	14.85	14.85		
15	QPSK	36	39	14.88	14.88	14.89		
15	QPSK	75	0	14.80	14.84	14.78		
15	16QAM	1	0	14.85	14.90	14.87	16.5	0
15	16QAM	1	37	14.81	14.82	14.82		
15	16QAM	1	74	14.80	14.90	14.90		
15	16QAM	36	0	14.78	14.82	14.78	16.5	0
15	16QAM	36	20	14.81	14.88	14.79		
15	16QAM	36	39	14.88	14.86	14.82		
15	16QAM	75	0	14.94	14.85	14.91		
15	64QAM	1	0	14.87	14.87	14.75	16.5	0
15	64QAM	1	37	14.72	14.76	14.80		
15	64QAM	1	74	14.75	14.87	14.83		
15	64QAM	36	0	14.76	14.83	14.80	16.5	0
15	64QAM	36	20	14.83	14.84	14.87		
15	64QAM	36	39	14.79	14.88	14.88		
15	64QAM	75	0	14.86	14.78	14.83		
15	256QAM	1	0	14.82	14.79	14.92	16.5	0
15	256QAM	1	37	14.87	14.88	14.82		
15	256QAM	1	74	14.97	14.93	14.92		
15	256QAM	36	0	14.79	14.74	14.88	16.5	0
15	256QAM	36	20	14.74	14.84	14.75		
15	256QAM	36	39	14.93	14.89	14.98		
15	256QAM	75	0	14.92	14.81	14.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.89	14.88	14.88	16.5	0
10	QPSK	1	25	14.80	14.83	14.88		
10	QPSK	1	49	14.85	14.89	14.84		
10	QPSK	25	0	14.96	14.93	14.97	16.5	0
10	QPSK	25	12	14.94	14.87	14.95		
10	QPSK	25	25	14.83	14.92	14.78		
10	QPSK	50	0	14.85	14.80	14.79		
10	16QAM	1	0	14.94	14.89	14.91	16.5	0
10	16QAM	1	25	14.85	14.90	14.90		
10	16QAM	1	49	14.81	14.83	14.82		
10	16QAM	25	0	14.78	14.79	14.72	16.5	0
10	16QAM	25	12	14.86	14.82	14.81		
10	16QAM	25	25	14.90	14.84	14.84		
10	16QAM	50	0	14.96	14.85	14.97		
10	64QAM	1	0	14.88	14.86	14.77	16.5	0
10	64QAM	1	25	14.84	14.83	14.71		
10	64QAM	1	49	14.80	14.86	14.88		
10	64QAM	25	0	14.86	14.80	14.81	16.5	0
10	64QAM	25	12	14.78	14.79	14.84		
10	64QAM	25	25	14.83	14.88	14.87		
10	64QAM	50	0	14.85	14.79	14.86		
10	256QAM	1	0	14.86	14.87	14.80	16.5	0
10	256QAM	1	25	14.84	14.82	14.84		
10	256QAM	1	49	14.91	14.88	14.95		
10	256QAM	25	0	14.74	14.77	14.74	16.5	0
10	256QAM	25	12	14.77	14.75	14.85		
10	256QAM	25	25	14.84	14.88	14.87		
10	256QAM	50	0	14.81	14.93	14.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.96	14.91	14.88	16.5	0
5	QPSK	1	12	14.84	14.93	14.89		
5	QPSK	1	24	14.90	14.86	14.94		
5	QPSK	12	0	14.98	14.95	14.87	16.5	0
5	QPSK	12	7	14.94	14.84	14.92		
5	QPSK	12	13	14.84	14.81	14.82		
5	QPSK	25	0	14.75	14.75	14.81		
5	16QAM	1	0	14.81	14.81	14.84	16.5	0
5	16QAM	1	12	14.81	14.85	14.81		
5	16QAM	1	24	14.90	14.81	14.80		
5	16QAM	12	0	14.76	14.83	14.79	16.5	0
5	16QAM	12	7	14.79	14.89	14.80		
5	16QAM	12	13	14.90	14.80	14.91		
5	16QAM	25	0	14.83	14.96	14.89		
5	64QAM	1	0	14.88	14.82	14.81	16.5	0
5	64QAM	1	12	14.73	14.82	14.76		
5	64QAM	1	24	14.78	14.78	14.80		
5	64QAM	12	0	14.82	14.88	14.76	16.5	0
5	64QAM	12	7	14.89	14.88	14.89		
5	64QAM	12	13	14.85	14.79	14.81		
5	64QAM	25	0	14.72	14.74	14.76		
5	256QAM	1	0	14.80	14.83	14.82	16.5	0
5	256QAM	1	12	14.82	14.83	14.77		
5	256QAM	1	24	14.85	14.97	14.84		
5	256QAM	12	0	14.80	14.87	14.87	16.5	0
5	256QAM	12	7	14.79	14.83	14.86		
5	256QAM	12	13	14.85	14.91	14.95		
5	256QAM	25	0	14.91	14.87	14.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.90	14.89	14.89	16.5	0
3	QPSK	1	8	14.85	14.83	14.88		
3	QPSK	1	14	14.91	14.84	14.88		
3	QPSK	8	0	14.91	14.85	14.95	16.5	0
3	QPSK	8	4	14.87	14.93	14.87		
3	QPSK	8	7	14.92	14.82	14.78		
3	QPSK	15	0	14.75	14.84	14.77		
3	16QAM	1	0	14.88	14.87	14.89	16.5	0
3	16QAM	1	8	14.88	14.92	14.93		
3	16QAM	1	14	14.79	14.76	14.90		
3	16QAM	8	0	14.78	14.84	14.78	16.5	0
3	16QAM	8	4	14.78	14.76	14.76		
3	16QAM	8	7	14.86	14.81	14.89		
3	16QAM	15	0	14.94	14.83	14.91		
3	64QAM	1	0	14.80	14.86	14.84	16.5	0
3	64QAM	1	8	14.78	14.72	14.79		
3	64QAM	1	14	14.87	14.80	14.86		
3	64QAM	8	0	14.76	14.86	14.79	16.5	0
3	64QAM	8	4	14.81	14.89	14.80		
3	64QAM	8	7	14.82	14.79	14.82		
3	64QAM	15	0	14.73	14.85	14.86		
3	256QAM	1	0	14.79	14.86	14.82	16.5	0
3	256QAM	1	8	14.76	14.75	14.82		
3	256QAM	1	14	14.86	14.97	14.96		
3	256QAM	8	0	14.78	14.75	14.76	16.5	0
3	256QAM	8	4	14.80	14.84	14.82		
3	256QAM	8	7	14.88	14.85	14.96		
3	256QAM	15	0	14.91	14.91	14.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.93	15.01	15.01	16.5	0
1.4	QPSK	1	3	14.89	14.86	14.85		
1.4	QPSK	1	5	14.95	14.91	14.83		
1.4	QPSK	3	0	14.88	14.94	14.90		
1.4	QPSK	3	1	14.83	14.92	14.90		
1.4	QPSK	3	3	14.92	14.82	14.91		
1.4	QPSK	6	0	14.76	14.88	14.86	16.5	0
1.4	16QAM	1	0	14.85	14.84	14.81	16.5	0
1.4	16QAM	1	3	14.90	14.91	14.81		
1.4	16QAM	1	5	14.87	14.82	14.79		
1.4	16QAM	3	0	14.81	14.76	14.80		
1.4	16QAM	3	1	14.86	14.76	14.78		
1.4	16QAM	3	3	14.81	14.80	14.81		
1.4	16QAM	6	0	14.85	14.91	14.84	16.5	0
1.4	64QAM	1	0	14.84	14.76	14.88	16.5	0
1.4	64QAM	1	3	14.80	14.75	14.77		
1.4	64QAM	1	5	14.86	14.77	14.83		
1.4	64QAM	3	0	14.75	14.78	14.75		
1.4	64QAM	3	1	14.79	14.87	14.86		
1.4	64QAM	3	3	14.85	14.81	14.92		
1.4	64QAM	6	0	14.76	14.83	14.82	16.5	0
1.4	256QAM	1	0	14.86	14.87	14.87	16.5	0
1.4	256QAM	1	3	14.89	14.82	14.81		
1.4	256QAM	1	5	14.84	14.96	14.97		
1.4	256QAM	3	0	14.77	14.80	14.81		
1.4	256QAM	3	1	14.81	14.81	14.80		
1.4	256QAM	3	3	14.94	14.89	14.84		
1.4	256QAM	6	0	14.84	14.82	14.87	16.5	0

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 7_Ant 3

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	16.67	16.94	16.93	18	0
20	QPSK	1	49	16.66	16.85	16.90		
20	QPSK	1	99	16.57	16.84	16.83		
20	QPSK	50	0	16.57	16.91	16.90	18	0
20	QPSK	50	24	16.42	16.90	16.89		
20	QPSK	50	50	16.51	16.83	16.85		
20	QPSK	100	0	16.52	16.85	16.80		
20	16QAM	1	0	16.47	16.82	16.77	18	0
20	16QAM	1	49	16.42	16.70	16.79		
20	16QAM	1	99	16.50	16.80	16.72		
20	16QAM	50	0	16.47	16.78	16.68	18	0
20	16QAM	50	24	16.48	16.73	16.65		
20	16QAM	50	50	16.41	16.81	16.79		
20	16QAM	100	0	16.48	16.71	16.68		
20	64QAM	1	0	16.43	16.73	16.75	18	0
20	64QAM	1	49	16.50	16.82	16.76		
20	64QAM	1	99	16.49	16.81	16.74		
20	64QAM	50	0	16.41	16.78	16.66	18	0
20	64QAM	50	24	16.41	16.82	16.65		
20	64QAM	50	50	16.38	16.77	16.68		
20	64QAM	100	0	16.40	16.80	16.77		
20	256QAM	1	0	16.39	16.76	16.79	18	0
20	256QAM	1	49	16.40	16.80	16.70		
20	256QAM	1	99	16.45	16.77	16.74		
20	256QAM	50	0	16.44	16.84	16.65	18	0
20	256QAM	50	24	16.44	16.75	16.67		
20	256QAM	50	50	16.41	16.84	16.77		
20	256QAM	100	0	16.41	16.71	16.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.90	16.86	16.82	18	0
15	QPSK	1	37	16.81	16.76	16.72		
15	QPSK	1	74	16.73	16.69	16.73		
15	QPSK	36	0	16.85	16.78	16.79	18	0
15	QPSK	36	20	16.81	16.81	16.81		
15	QPSK	36	39	16.74	16.73	16.72		
15	QPSK	75	0	16.80	16.84	16.74		
15	16QAM	1	0	16.76	16.70	16.67	18	0
15	16QAM	1	37	16.56	16.64	16.55		
15	16QAM	1	74	16.68	16.72	16.76		
15	16QAM	36	0	16.63	16.64	16.65	18	0
15	16QAM	36	20	16.62	16.72	16.68		
15	16QAM	36	39	16.77	16.80	16.77		
15	16QAM	75	0	16.59	16.70	16.67		
15	64QAM	1	0	16.63	16.72	16.63	18	0
15	64QAM	1	37	16.81	16.76	16.80		
15	64QAM	1	74	16.70	16.77	16.68		
15	64QAM	36	0	16.65	16.77	16.73	18	0
15	64QAM	36	20	16.72	16.75	16.68		
15	64QAM	36	39	16.66	16.75	16.76		
15	64QAM	75	0	16.66	16.71	16.66		
15	256QAM	1	0	16.75	16.63	16.66	18	0
15	256QAM	1	37	16.73	16.79	16.78		
15	256QAM	1	74	16.66	16.67	16.73		
15	256QAM	36	0	16.69	16.71	16.71	18	0
15	256QAM	36	20	16.72	16.61	16.68		
15	256QAM	36	39	16.83	16.74	16.71		
15	256QAM	75	0	16.69	16.59	16.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.89	16.88	16.88	18	0
10	QPSK	1	25	16.74	16.79	16.78		
10	QPSK	1	49	16.75	16.80	16.72		
10	QPSK	25	0	16.83	16.78	16.76	18	0
10	QPSK	25	12	16.83	16.79	16.77		
10	QPSK	25	25	16.79	16.78	16.79		
10	QPSK	50	0	16.79	16.79	16.75		
10	16QAM	1	0	16.74	16.69	16.81	18	0
10	16QAM	1	25	16.69	16.61	16.68		
10	16QAM	1	49	16.69	16.78	16.66		
10	16QAM	25	0	16.76	16.70	16.66	18	0
10	16QAM	25	12	16.62	16.59	16.63		
10	16QAM	25	25	16.69	16.69	16.71		
10	16QAM	50	0	16.61	16.63	16.67		
10	64QAM	1	0	16.66	16.63	16.70	18	0
10	64QAM	1	25	16.69	16.81	16.67		
10	64QAM	1	49	16.80	16.77	16.68		
10	64QAM	25	0	16.65	16.73	16.76	18	0
10	64QAM	25	12	16.80	16.81	16.70		
10	64QAM	25	25	16.68	16.62	16.73		
10	64QAM	50	0	16.65	16.68	16.66		
10	256QAM	1	0	16.67	16.72	16.67	18	0
10	256QAM	1	25	16.75	16.71	16.65		
10	256QAM	1	49	16.73	16.63	16.68		
10	256QAM	25	0	16.81	16.81	16.70	18	0
10	256QAM	25	12	16.72	16.72	16.62		
10	256QAM	25	25	16.77	16.76	16.72		
10	256QAM	50	0	16.65	16.70	16.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.90	16.89	16.87	18	0
5	QPSK	1	12	16.71	16.76	16.82		
5	QPSK	1	24	16.76	16.74	16.69		
5	QPSK	12	0	16.89	16.83	16.85	18	0
5	QPSK	12	7	16.82	16.82	16.77		
5	QPSK	12	13	16.79	16.78	16.80		
5	QPSK	25	0	16.83	16.83	16.70		
5	16QAM	1	0	16.77	16.79	16.79	18	0
5	16QAM	1	12	16.67	16.67	16.64		
5	16QAM	1	24	16.74	16.65	16.70		
5	16QAM	12	0	16.73	16.68	16.64	18	0
5	16QAM	12	7	16.59	16.65	16.60		
5	16QAM	12	13	16.73	16.73	16.72		
5	16QAM	25	0	16.59	16.64	16.68		
5	64QAM	1	0	16.65	16.70	16.61	18	0
5	64QAM	1	12	16.80	16.68	16.79		
5	64QAM	1	24	16.66	16.67	16.78		
5	64QAM	12	0	16.74	16.63	16.69	18	0
5	64QAM	12	7	16.79	16.70	16.72		
5	64QAM	12	13	16.69	16.71	16.74		
5	64QAM	25	0	16.72	16.72	16.73		
5	256QAM	1	0	16.65	16.63	16.75	18	0
5	256QAM	1	12	16.74	16.67	16.78		
5	256QAM	1	24	16.64	16.74	16.73		
5	256QAM	12	0	16.72	16.77	16.76	18	0
5	256QAM	12	7	16.71	16.61	16.61		
5	256QAM	12	13	16.72	16.80	16.74		
5	256QAM	25	0	16.66	16.68	16.63		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.66	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.61	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.82	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.69	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.66			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.67	23.82	23.80	25	0
10	QPSK	1	25	23.65	23.70	23.62		
10	QPSK	1	49	23.66	23.70	23.54		
10	QPSK	25	0	22.67	22.74	22.72	24	1
10	QPSK	25	12	22.64	22.69	22.67		
10	QPSK	25	25	22.65	22.65	22.65		
10	QPSK	50	0	22.69	22.72	22.68		
10	16QAM	1	0	23.17	23.16	22.56	24	1
10	16QAM	1	25	23.23	23.20	22.58		
10	16QAM	1	49	23.24	23.16	22.86		
10	16QAM	25	0	21.71	21.73	21.67	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.72	21.68	21.62		
10	16QAM	50	0	21.66	21.71	21.66		
10	64QAM	1	0	21.67	21.90	21.93	23	2
10	64QAM	1	25	21.68	21.92	22.01		
10	64QAM	1	49	21.82	22.00	21.54		
10	64QAM	25	0	20.71	20.66	20.70	22	3
10	64QAM	25	12	20.69	20.57	20.68		
10	64QAM	25	25	20.75	20.68	20.66		
10	64QAM	50	0	20.66	20.73	20.65		
10	256QAM	1	0	19.00	18.94	18.89	20	5
10	256QAM	1	25	19.09	19.01	18.91		
10	256QAM	1	49	18.95	18.90	18.92		
10	256QAM	25	0	18.70	18.80	18.73	20	5
10	256QAM	25	12	18.84	18.77	18.62		
10	256QAM	25	25	18.82	18.74	18.62		
10	256QAM	50	0	18.66	18.81	18.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.61	23.68	23.59	25	0
5	QPSK	1	12	23.66	23.63	23.61		
5	QPSK	1	24	23.62	23.70	23.79		
5	QPSK	12	0	22.63	22.65	22.66	24	1
5	QPSK	12	7	22.73	22.66	22.67		
5	QPSK	12	13	22.65	22.68	22.70		
5	QPSK	25	0	22.71	22.71	22.69		
5	16QAM	1	0	23.07	22.90	22.80	24	1
5	16QAM	1	12	23.15	23.19	22.98		
5	16QAM	1	24	22.78	23.17	22.80		
5	16QAM	12	0	21.69	21.73	21.72	23	2
5	16QAM	12	7	21.72	21.68	21.64		
5	16QAM	12	13	21.64	21.72	21.64		
5	16QAM	25	0	21.66	21.71	21.76		
5	64QAM	1	0	21.78	21.93	22.05	23	2
5	64QAM	1	12	21.72	21.72	21.68		
5	64QAM	1	24	21.91	21.94	21.93		
5	64QAM	12	0	20.75	20.78	20.64	22	3
5	64QAM	12	7	20.79	20.74	20.63		
5	64QAM	12	13	20.80	20.65	20.78		
5	64QAM	25	0	20.69	20.65	20.63		
5	256QAM	1	0	18.92	18.86	18.82	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	19.05	18.83	19.02		
5	256QAM	12	0	18.74	18.85	18.75	20	5
5	256QAM	12	7	18.79	18.71	18.62		
5	256QAM	12	13	18.67	18.64	18.61		
5	256QAM	25	0	18.52	18.87	18.61		

Band 25_Ant 3

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.53	16.74	16.30	17.5	0
20	QPSK	1	49	16.50	16.69	16.22		
20	QPSK	1	99	16.44	16.72	16.28		
20	QPSK	50	0	16.50	16.68	16.28	17.5	0
20	QPSK	50	24	16.41	16.62	16.19		
20	QPSK	50	50	16.45	16.59	16.19		
20	QPSK	100	0	16.46	16.65	16.23		
20	16QAM	1	0	16.48	16.58	16.22	17.5	0
20	16QAM	1	49	16.43	16.64	16.27		
20	16QAM	1	99	16.46	16.60	16.27		
20	16QAM	50	0	16.43	16.60	16.19	17.5	0
20	16QAM	50	24	16.40	16.62	16.25		
20	16QAM	50	50	16.43	16.64	16.20		
20	16QAM	100	0	16.42	16.58	16.25		
20	64QAM	1	0	16.40	16.66	16.26	17.5	0
20	64QAM	1	49	16.40	16.60	16.24		
20	64QAM	1	99	16.42	16.64	16.24		
20	64QAM	50	0	16.40	16.59	16.25	17.5	0
20	64QAM	50	24	16.47	16.59	16.19		
20	64QAM	50	50	16.40	16.60	16.26		
20	64QAM	100	0	16.46	16.58	16.26		
20	256QAM	1	0	16.47	16.66	16.18	17.5	0
20	256QAM	1	49	16.44	16.58	16.19		
20	256QAM	1	99	16.41	16.67	16.27		
20	256QAM	50	0	16.47	16.66	16.18	17.5	0
20	256QAM	50	24	16.44	16.63	16.26		
20	256QAM	50	50	16.46	16.59	16.24		
20	256QAM	100	0	16.45	16.60	16.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.64	16.61	16.64	17.5	0
15	QPSK	1	37	16.58	16.66	16.59		
15	QPSK	1	74	16.65	16.68	16.67		
15	QPSK	36	0	16.66	16.64	16.62	17.5	0
15	QPSK	36	20	16.58	16.49	16.56		
15	QPSK	36	39	16.47	16.55	16.51		
15	QPSK	75	0	16.55	16.52	16.51		
15	16QAM	1	0	16.44	16.53	16.54	17.5	0
15	16QAM	1	37	16.50	16.53	16.53		
15	16QAM	1	74	16.45	16.58	16.55		
15	16QAM	36	0	16.54	16.57	16.48	17.5	0
15	16QAM	36	20	16.48	16.60	16.61		
15	16QAM	36	39	16.55	16.60	16.58		
15	16QAM	75	0	16.46	16.48	16.45		
15	64QAM	1	0	16.52	16.58	16.65	17.5	0
15	64QAM	1	37	16.48	16.50	16.54		
15	64QAM	1	74	16.59	16.61	16.52		
15	64QAM	36	0	16.45	16.50	16.54	17.5	0
15	64QAM	36	20	16.48	16.50	16.51		
15	64QAM	36	39	16.50	16.54	16.59		
15	64QAM	75	0	16.53	16.52	16.47		
15	256QAM	1	0	16.61	16.56	16.55	17.5	0
15	256QAM	1	37	16.52	16.43	16.48		
15	256QAM	1	74	16.54	16.66	16.64		
15	256QAM	36	0	16.52	16.54	16.57	17.5	0
15	256QAM	36	20	16.57	16.51	16.52		
15	256QAM	36	39	16.48	16.58	16.49		
15	256QAM	75	0	16.53	16.50	16.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.66	16.61	16.73	17.5	0
10	QPSK	1	25	16.66	16.62	16.60		
10	QPSK	1	49	16.60	16.60	16.58		
10	QPSK	25	0	16.64	16.65	16.56	17.5	0
10	QPSK	25	12	16.59	16.53	16.60		
10	QPSK	25	25	16.49	16.55	16.48		
10	QPSK	50	0	16.58	16.60	16.51		
10	16QAM	1	0	16.46	16.53	16.47	17.5	0
10	16QAM	1	25	16.59	16.58	16.49		
10	16QAM	1	49	16.57	16.48	16.57		
10	16QAM	25	0	16.56	16.49	16.50	17.5	0
10	16QAM	25	12	16.59	16.58	16.47		
10	16QAM	25	25	16.63	16.63	16.57		
10	16QAM	50	0	16.56	16.51	16.44		
10	64QAM	1	0	16.65	16.64	16.53	17.5	0
10	64QAM	1	25	16.58	16.57	16.53		
10	64QAM	1	49	16.59	16.55	16.60		
10	64QAM	25	0	16.45	16.46	16.45	17.5	0
10	64QAM	25	12	16.44	16.58	16.54		
10	64QAM	25	25	16.53	16.50	16.51		
10	64QAM	50	0	16.54	16.49	16.52		
10	256QAM	1	0	16.64	16.64	16.53	17.5	0
10	256QAM	1	25	16.57	16.54	16.45		
10	256QAM	1	49	16.58	16.58	16.66		
10	256QAM	25	0	16.51	16.63	16.60	17.5	0
10	256QAM	25	12	16.59	16.52	16.61		
10	256QAM	25	25	16.48	16.47	16.51		
10	256QAM	50	0	16.58	16.55	16.48		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.73	16.60	16.70	17.5	0
5	QPSK	1	12	16.57	16.65	16.57		
5	QPSK	1	24	16.61	16.67	16.67		
5	QPSK	12	0	16.58	16.61	16.61	17.5	0
5	QPSK	12	7	16.55	16.52	16.53		
5	QPSK	12	13	16.46	16.51	16.50		
5	QPSK	25	0	16.53	16.54	16.53		
5	16QAM	1	0	16.57	16.57	16.57	17.5	0
5	16QAM	1	12	16.59	16.50	16.60		
5	16QAM	1	24	16.59	16.45	16.59		
5	16QAM	12	0	16.53	16.53	16.56	17.5	0
5	16QAM	12	7	16.50	16.49	16.58		
5	16QAM	12	13	16.51	16.54	16.53		
5	16QAM	25	0	16.45	16.51	16.45		
5	64QAM	1	0	16.51	16.52	16.60	17.5	0
5	64QAM	1	12	16.53	16.54	16.52		
5	64QAM	1	24	16.58	16.63	16.55		
5	64QAM	12	0	16.44	16.50	16.58	17.5	0
5	64QAM	12	7	16.54	16.44	16.54		
5	64QAM	12	13	16.59	16.47	16.56		
5	64QAM	25	0	16.55	16.53	16.45		
5	256QAM	1	0	16.56	16.62	16.58	17.5	0
5	256QAM	1	12	16.55	16.43	16.43		
5	256QAM	1	24	16.62	16.59	16.65		
5	256QAM	12	0	16.55	16.52	16.59	17.5	0
5	256QAM	12	7	16.57	16.50	16.61		
5	256QAM	12	13	16.56	16.51	16.55		
5	256QAM	25	0	16.51	16.55	16.56		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.65	16.71	16.65	17.5	0
3	QPSK	1	8	16.61	16.64	16.62		
3	QPSK	1	14	16.66	16.59	16.67		
3	QPSK	8	0	16.61	16.65	16.56	17.5	0
3	QPSK	8	4	16.61	16.51	16.49		
3	QPSK	8	7	16.56	16.46	16.48		
3	QPSK	15	0	16.52	16.64	16.64		
3	16QAM	1	0	16.50	16.49	16.47	17.5	0
3	16QAM	1	8	16.54	16.59	16.58		
3	16QAM	1	14	16.52	16.59	16.53		
3	16QAM	8	0	16.51	16.59	16.50	17.5	0
3	16QAM	8	4	16.60	16.56	16.57		
3	16QAM	8	7	16.56	16.49	16.57		
3	16QAM	15	0	16.43	16.50	16.48		
3	64QAM	1	0	16.63	16.56	16.53	17.5	0
3	64QAM	1	8	16.57	16.49	16.53		
3	64QAM	1	14	16.49	16.51	16.50		
3	64QAM	8	0	16.53	16.47	16.44	17.5	0
3	64QAM	8	4	16.50	16.47	16.53		
3	64QAM	8	7	16.56	16.46	16.57		
3	64QAM	15	0	16.54	16.53	16.43		
3	256QAM	1	0	16.58	16.52	16.56	17.5	0
3	256QAM	1	8	16.55	16.43	16.54		
3	256QAM	1	14	16.55	16.64	16.58		
3	256QAM	8	0	16.63	16.52	16.60	17.5	0
3	256QAM	8	4	16.61	16.54	16.52		
3	256QAM	8	7	16.48	16.50	16.56		
3	256QAM	15	0	16.49	16.47	16.47		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.66	16.65	16.65	17.5	0
1.4	QPSK	1	3	16.65	16.54	16.57		
1.4	QPSK	1	5	16.71	16.58	16.60		
1.4	QPSK	3	0	16.63	16.54	16.59		
1.4	QPSK	3	1	16.57	16.52	16.60		
1.4	QPSK	3	3	16.50	16.58	16.46		
1.4	QPSK	6	0	16.57	16.57	16.59	17.5	0
1.4	16QAM	1	0	16.56	16.54	16.49	17.5	0
1.4	16QAM	1	3	16.56	16.52	16.51		
1.4	16QAM	1	5	16.58	16.57	16.47		
1.4	16QAM	3	0	16.46	16.46	16.48		
1.4	16QAM	3	1	16.59	16.54	16.51		
1.4	16QAM	3	3	16.59	16.53	16.56		
1.4	16QAM	6	0	16.49	16.52	16.57	17.5	0
1.4	64QAM	1	0	16.55	16.52	16.63	17.5	0
1.4	64QAM	1	3	16.51	16.55	16.45		
1.4	64QAM	1	5	16.49	16.51	16.49		
1.4	64QAM	3	0	16.47	16.58	16.52		
1.4	64QAM	3	1	16.49	16.54	16.47		
1.4	64QAM	3	3	16.54	16.48	16.58		
1.4	64QAM	6	0	16.56	16.55	16.46	17.5	0
1.4	256QAM	1	0	16.57	16.55	16.63	17.5	0
1.4	256QAM	1	3	16.54	16.44	16.47		
1.4	256QAM	1	5	16.56	16.65	16.53		
1.4	256QAM	3	0	16.65	16.64	16.65		
1.4	256QAM	3	1	16.55	16.49	16.52		
1.4	256QAM	3	3	16.52	16.54	16.57		
1.4	256QAM	6	0	16.46	16.50	16.46	17.5	0

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	24.06	23.96	25	0
15	QPSK	1	37	23.76	23.82	23.86		
15	QPSK	1	74	23.78	23.80	23.76		
15	QPSK	36	0	22.93	22.97	22.87	24	1
15	QPSK	36	20	22.90	22.90	22.85		
15	QPSK	36	39	22.85	22.92	22.86		
15	QPSK	75	0	22.92	22.95	22.88		
15	16QAM	1	0	22.91	23.00	23.03	24	1
15	16QAM	1	37	23.07	23.39	23.34		
15	16QAM	1	74	22.98	23.02	23.28		
15	16QAM	36	0	21.94	21.88	21.86	23	2
15	16QAM	36	20	21.96	21.92	21.89		
15	16QAM	36	39	21.94	21.94	21.88		
15	16QAM	75	0	21.97	21.91	21.90		
15	64QAM	1	0	21.89	22.19	22.16	23	2
15	64QAM	1	37	22.29	21.75	22.13		
15	64QAM	1	74	22.23	22.13	21.81		
15	64QAM	36	0	20.98	20.92	20.90	22	3
15	64QAM	36	20	20.98	20.89	20.92		
15	64QAM	36	39	20.97	20.86	20.86		
15	64QAM	75	0	20.96	20.91	20.92		
15	256QAM	1	0	18.68	18.83	18.88	20	5
15	256QAM	1	37	18.88	18.89	18.90		
15	256QAM	1	74	18.84	18.88	18.75		
15	256QAM	36	0	18.75	18.65	18.68	20	5
15	256QAM	36	20	18.70	18.70	18.70		
15	256QAM	36	39	18.53	18.66	18.69		
15	256QAM	75	0	18.73	18.69	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.95	23.99	23.82	25	0
10	QPSK	1	25	23.81	23.83	23.71		
10	QPSK	1	49	23.88	23.81	23.75		
10	QPSK	25	0	22.90	22.84	22.80	24	1
10	QPSK	25	12	22.89	22.85	22.78		
10	QPSK	25	25	22.89	22.84	22.76		
10	QPSK	50	0	22.91	22.90	22.79		
10	16QAM	1	0	22.93	22.92	23.34	24	1
10	16QAM	1	25	22.88	22.84	22.89		
10	16QAM	1	49	23.03	22.99	23.32		
10	16QAM	25	0	21.89	21.77	21.77	23	2
10	16QAM	25	12	21.86	21.83	21.80		
10	16QAM	25	25	21.82	21.77	21.69		
10	16QAM	50	0	21.87	21.77	21.82		
10	64QAM	1	0	21.87	21.94	22.07	23	2
10	64QAM	1	25	21.80	22.10	22.00		
10	64QAM	1	49	21.87	22.11	21.62		
10	64QAM	25	0	20.86	20.78	20.83	22	3
10	64QAM	25	12	20.85	20.81	20.73		
10	64QAM	25	25	20.83	20.86	20.77		
10	64QAM	50	0	20.87	20.84	20.75		
10	256QAM	1	0	18.62	18.85	18.94	20	5
10	256QAM	1	25	18.98	18.86	18.98		
10	256QAM	1	49	18.84	18.77	18.68		
10	256QAM	25	0	18.70	18.60	18.55	20	5
10	256QAM	25	12	18.68	18.77	18.57		
10	256QAM	25	25	18.40	18.61	18.60		
10	256QAM	50	0	18.59	18.71	18.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.99	23.84	23.95	25	0
5	QPSK	1	12	24.00	23.98	23.81		
5	QPSK	1	24	23.91	23.82	23.87		
5	QPSK	12	0	22.85	22.80	22.79	24	1
5	QPSK	12	7	22.91	22.87	22.83		
5	QPSK	12	13	22.90	22.87	22.77		
5	QPSK	25	0	22.91	22.83	22.84		
5	16QAM	1	0	22.86	23.17	23.14	24	1
5	16QAM	1	12	22.98	22.88	23.28		
5	16QAM	1	24	22.98	23.31	23.12		
5	16QAM	12	0	21.89	21.84	21.82	23	2
5	16QAM	12	7	21.94	21.84	21.85		
5	16QAM	12	13	21.90	21.79	21.79		
5	16QAM	25	0	21.92	21.77	21.79		
5	64QAM	1	0	21.83	22.15	22.08	23	2
5	64QAM	1	12	21.88	22.14	22.11		
5	64QAM	1	24	21.86	22.15	22.08		
5	64QAM	12	0	20.83	20.86	20.88	22	3
5	64QAM	12	7	20.90	20.84	20.86		
5	64QAM	12	13	20.88	20.83	20.87		
5	64QAM	25	0	20.88	20.83	20.77		
5	256QAM	1	0	18.65	18.91	18.81	20	5
5	256QAM	1	12	18.97	18.78	18.78		
5	256QAM	1	24	18.94	18.95	18.79		
5	256QAM	12	0	18.61	18.51	18.68	20	5
5	256QAM	12	7	18.70	18.78	18.66		
5	256QAM	12	13	18.60	18.55	18.69		
5	256QAM	25	0	18.81	18.65	18.60		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.85	23.99	23.87	25	0
3	QPSK	1	8	23.71	23.73	23.71		
3	QPSK	1	14	23.66	23.80	23.74		
3	QPSK	8	0	22.73	22.89	22.79	24	1
3	QPSK	8	4	22.78	22.90	22.73		
3	QPSK	8	7	22.71	22.82	22.80		
3	QPSK	15	0	22.77	22.87	22.81		
3	16QAM	1	0	22.78	23.00	22.84	24	1
3	16QAM	1	8	23.07	23.23	23.28		
3	16QAM	1	14	22.89	23.01	23.11		
3	16QAM	8	0	21.90	21.80	21.67	23	2
3	16QAM	8	4	21.95	21.81	21.71		
3	16QAM	8	7	21.82	21.84	21.87		
3	16QAM	15	0	21.85	21.85	21.74		
3	64QAM	1	0	21.84	22.13	22.06	23	2
3	64QAM	1	8	22.17	21.60	21.94		
3	64QAM	1	14	22.12	22.12	21.80		
3	64QAM	8	0	20.97	20.78	20.77	22	3
3	64QAM	8	4	20.83	20.86	20.76		
3	64QAM	8	7	20.89	20.85	20.69		
3	64QAM	15	0	20.90	20.71	20.87		
3	256QAM	1	0	18.53	18.81	18.78	20	5
3	256QAM	1	8	18.91	18.81	18.83		
3	256QAM	1	14	18.78	18.73	18.77		
3	256QAM	8	0	18.60	18.66	18.64	20	5
3	256QAM	8	4	18.59	18.70	18.65		
3	256QAM	8	7	18.55	18.72	18.54		
3	256QAM	15	0	18.77	18.66	18.42		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.93	23.86	23.88	25	0
1.4	QPSK	1	3	23.97	23.83	23.79		
1.4	QPSK	1	5	23.93	23.82	23.77		
1.4	QPSK	3	0	23.83	23.85	23.69		
1.4	QPSK	3	1	23.85	23.84	23.69		
1.4	QPSK	3	3	23.78	23.76	23.74		
1.4	QPSK	6	0	22.81	22.83	22.75	24	1
1.4	16QAM	1	0	22.97	22.89	23.27	24	1
1.4	16QAM	1	3	22.92	22.74	22.85		
1.4	16QAM	1	5	22.73	22.76	22.66		
1.4	16QAM	3	0	22.83	22.80	22.80		
1.4	16QAM	3	1	22.82	22.62	22.77		
1.4	16QAM	3	3	22.86	22.87	22.72		
1.4	16QAM	6	0	21.79	21.89	21.76	23	2
1.4	64QAM	1	0	22.08	22.09	22.05	23	2
1.4	64QAM	1	3	22.09	21.63	22.05		
1.4	64QAM	1	5	22.08	22.09	21.82		
1.4	64QAM	3	0	21.86	21.96	22.02		
1.4	64QAM	3	1	21.65	21.91	21.88		
1.4	64QAM	3	3	22.00	21.88	21.94		
1.4	64QAM	6	0	20.78	20.73	20.72	22	3
1.4	256QAM	1	0	18.55	18.88	18.98	20	5
1.4	256QAM	1	3	18.85	18.96	18.81		
1.4	256QAM	1	5	18.74	18.89	18.78		
1.4	256QAM	3	0	18.69	18.65	18.56		
1.4	256QAM	3	1	18.65	18.73	18.58		
1.4	256QAM	3	3	18.40	18.59	18.55		
1.4	256QAM	6	0	18.68	18.55	18.52	20	5

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.47		14.5	0
10	QPSK	1	25		13.37			
10	QPSK	1	49		13.42			
10	QPSK	25	0		13.45		14.5	0
10	QPSK	25	12		13.36			
10	QPSK	25	25		13.40			
10	QPSK	50	0		13.43			
10	16QAM	1	0		13.37		14.5	0
10	16QAM	1	25		13.44			
10	16QAM	1	49		13.35			
10	16QAM	25	0		13.39		14.5	0
10	16QAM	25	12		13.36			
10	16QAM	25	25		13.35			
10	16QAM	50	0		13.40			
10	64QAM	1	0		13.44		14.5	0
10	64QAM	1	25		13.40			
10	64QAM	1	49		13.42			
10	64QAM	25	0		13.43		14.5	0
10	64QAM	25	12		13.40			
10	64QAM	25	25		13.37			
10	64QAM	50	0		13.35			
10	256QAM	1	0		13.44		14.5	0
10	256QAM	1	25		13.36			
10	256QAM	1	49		13.37			
10	256QAM	25	0		13.36		14.5	0
10	256QAM	25	12		13.44			
10	256QAM	25	25		13.42			
10	256QAM	50	0		13.43			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.35	13.36	13.46	14.5	0
5	QPSK	1	12	13.26	13.28	13.24		
5	QPSK	1	24	13.28	13.31	13.33		
5	QPSK	12	0	13.32	13.30	13.33	14.5	0
5	QPSK	12	7	13.23	13.26	13.27		
5	QPSK	12	13	13.25	13.32	13.27		
5	QPSK	25	0	13.38	13.41	13.40		
5	16QAM	1	0	13.31	13.26	13.30	14.5	0
5	16QAM	1	12	13.41	13.35	13.37		
5	16QAM	1	24	13.22	13.29	13.33		
5	16QAM	12	0	13.24	13.30	13.36	14.5	0
5	16QAM	12	7	13.24	13.35	13.21		
5	16QAM	12	13	13.34	13.29	13.23		
5	16QAM	25	0	13.32	13.30	13.36		
5	64QAM	1	0	13.42	13.36	13.39	14.5	0
5	64QAM	1	12	13.32	13.34	13.34		
5	64QAM	1	24	13.39	13.38	13.36		
5	64QAM	12	0	13.29	13.35	13.32	14.5	0
5	64QAM	12	7	13.29	13.35	13.34		
5	64QAM	12	13	13.35	13.27	13.26		
5	64QAM	25	0	13.25	13.20	13.28		
5	256QAM	1	0	13.38	13.29	13.31	14.5	0
5	256QAM	1	12	13.29	13.32	13.28		
5	256QAM	1	24	13.25	13.28	13.27		
5	256QAM	12	0	13.23	13.33	13.32	14.5	0
5	256QAM	12	7	13.32	13.36	13.38		
5	256QAM	12	13	13.27	13.35	13.41		
5	256QAM	25	0	13.32	13.36	13.28		

Band 66_Ant 3

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	14.96	15.05	14.99	16.5	0
20	QPSK	1	49	14.91	15.02	14.92		
20	QPSK	1	99	14.87	14.98	14.98		
20	QPSK	50	0	14.90	15.03	14.97	16.5	0
20	QPSK	50	24	14.84	14.94	14.88		
20	QPSK	50	50	14.84	14.96	14.96		
20	QPSK	100	0	14.82	15.02	14.94		
20	16QAM	1	0	14.85	14.98	14.92	16.5	0
20	16QAM	1	49	14.86	14.96	14.94		
20	16QAM	1	99	14.86	14.93	14.92		
20	16QAM	50	0	14.86	15.01	14.92	16.5	0
20	16QAM	50	24	14.86	14.93	14.87		
20	16QAM	50	50	14.84	15.02	14.89		
20	16QAM	100	0	14.89	15.02	14.94		
20	64QAM	1	0	14.89	14.98	14.91	16.5	0
20	64QAM	1	49	14.82	14.95	14.89		
20	64QAM	1	99	14.86	14.98	14.90		
20	64QAM	50	0	14.80	14.98	14.87	16.5	0
20	64QAM	50	24	14.81	15.00	14.90		
20	64QAM	50	50	14.81	14.94	14.94		
20	64QAM	100	0	14.85	15.01	14.91		
20	256QAM	1	0	14.84	14.96	14.92	16.5	0
20	256QAM	1	49	14.85	15.02	14.88		
20	256QAM	1	99	14.86	14.94	14.93		
20	256QAM	50	0	14.80	14.99	14.94	16.5	0
20	256QAM	50	24	14.81	14.96	14.92		
20	256QAM	50	50	14.84	15.02	14.92		
20	256QAM	100	0	14.82	15.00	14.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.97	15.00	14.99	16.5	0
15	QPSK	1	37	14.88	15.00	14.96		
15	QPSK	1	74	14.97	14.93	14.93		
15	QPSK	36	0	14.95	14.98	14.98	16.5	0
15	QPSK	36	20	14.88	14.92	14.89		
15	QPSK	36	39	14.94	14.91	14.83		
15	QPSK	75	0	15.00	14.99	14.97		
15	16QAM	1	0	14.90	14.91	14.92	16.5	0
15	16QAM	1	37	14.83	14.90	14.82		
15	16QAM	1	74	14.84	14.92	14.88		
15	16QAM	36	0	14.99	14.89	14.88	16.5	0
15	16QAM	36	20	14.90	14.79	14.79		
15	16QAM	36	39	14.92	14.92	14.92		
15	16QAM	75	0	14.90	14.99	14.91		
15	64QAM	1	0	14.93	14.88	14.90	16.5	0
15	64QAM	1	37	14.90	14.83	14.85		
15	64QAM	1	74	14.87	14.89	14.83		
15	64QAM	36	0	14.96	14.94	14.90	16.5	0
15	64QAM	36	20	14.85	14.86	14.93		
15	64QAM	36	39	14.92	14.84	14.82		
15	64QAM	75	0	14.98	14.97	14.95		
15	256QAM	1	0	14.93	14.95	14.95	16.5	0
15	256QAM	1	37	14.95	14.89	14.93		
15	256QAM	1	74	14.90	14.85	14.86		
15	256QAM	36	0	14.89	14.96	14.90	16.5	0
15	256QAM	36	20	14.81	14.83	14.88		
15	256QAM	36	39	14.96	14.97	14.88		
15	256QAM	75	0	14.93	14.90	14.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.97	15.02	15.01	16.5	0
10	QPSK	1	25	14.93	14.99	14.97		
10	QPSK	1	49	14.86	14.91	14.89		
10	QPSK	25	0	14.97	14.99	14.91	16.5	0
10	QPSK	25	12	14.80	14.92	14.88		
10	QPSK	25	25	14.83	14.84	14.92		
10	QPSK	50	0	14.90	14.98	14.90		
10	16QAM	1	0	14.90	14.88	14.88	16.5	0
10	16QAM	1	25	14.92	14.85	14.90		
10	16QAM	1	49	14.78	14.92	14.80		
10	16QAM	25	0	14.99	14.98	14.99	16.5	0
10	16QAM	25	12	14.82	14.82	14.79		
10	16QAM	25	25	14.90	14.97	14.89		
10	16QAM	50	0	14.92	14.89	14.99		
10	64QAM	1	0	14.87	14.83	14.86	16.5	0
10	64QAM	1	25	14.89	14.94	14.88		
10	64QAM	1	49	14.84	14.95	14.88		
10	64QAM	25	0	14.91	14.94	14.88	16.5	0
10	64QAM	25	12	14.95	14.98	14.87		
10	64QAM	25	25	14.82	14.88	14.80		
10	64QAM	50	0	14.91	14.88	14.89		
10	256QAM	1	0	14.81	14.95	14.92	16.5	0
10	256QAM	1	25	14.88	15.01	14.95		
10	256QAM	1	49	14.89	14.89	14.81		
10	256QAM	25	0	14.86	14.90	14.90	16.5	0
10	256QAM	25	12	14.86	14.81	14.95		
10	256QAM	25	25	15.01	14.92	14.93		
10	256QAM	50	0	14.87	14.86	14.86		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.90	14.96	15.01	16.5	0
5	QPSK	1	12	14.90	14.97	14.95		
5	QPSK	1	24	14.95	14.83	14.83		
5	QPSK	12	0	14.93	14.99	14.99	16.5	0
5	QPSK	12	7	14.90	14.86	14.85		
5	QPSK	12	13	14.85	14.90	14.94		
5	QPSK	25	0	14.93	14.90	14.97		
5	16QAM	1	0	14.93	14.93	14.87	16.5	0
5	16QAM	1	12	14.88	14.88	14.92		
5	16QAM	1	24	14.86	14.88	14.79		
5	16QAM	12	0	14.89	14.95	14.97	16.5	0
5	16QAM	12	7	14.89	14.87	14.92		
5	16QAM	12	13	15.00	14.92	14.99		
5	16QAM	25	0	14.91	14.91	14.91		
5	64QAM	1	0	14.86	14.91	14.95	16.5	0
5	64QAM	1	12	14.82	14.83	14.87		
5	64QAM	1	24	14.87	14.83	14.90		
5	64QAM	12	0	14.96	14.97	14.88	16.5	0
5	64QAM	12	7	14.92	14.91	14.99		
5	64QAM	12	13	14.84	14.79	14.86		
5	64QAM	25	0	14.95	14.88	14.88		
5	256QAM	1	0	14.91	14.85	14.83	16.5	0
5	256QAM	1	12	14.95	14.96	14.98		
5	256QAM	1	24	14.91	14.80	14.93		
5	256QAM	12	0	14.86	14.87	14.96	16.5	0
5	256QAM	12	7	14.94	14.81	14.93		
5	256QAM	12	13	14.88	15.00	14.93		
5	256QAM	25	0	14.99	14.91	14.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.93	14.92	14.95	16.5	0
3	QPSK	1	8	14.96	14.90	14.90		
3	QPSK	1	14	14.93	14.97	14.86		
3	QPSK	8	0	14.88	15.00	14.91	16.5	0
3	QPSK	8	4	14.89	14.89	14.80		
3	QPSK	8	7	14.95	14.85	14.90		
3	QPSK	15	0	14.93	14.88	14.98		
3	16QAM	1	0	14.89	14.84	14.84	16.5	0
3	16QAM	1	8	14.93	14.86	14.84		
3	16QAM	1	14	14.88	14.78	14.78		
3	16QAM	8	0	15.00	14.94	14.94	16.5	0
3	16QAM	8	4	14.79	14.85	14.85		
3	16QAM	8	7	14.97	14.96	14.95		
3	16QAM	15	0	14.90	14.97	14.90		
3	64QAM	1	0	14.90	14.87	14.96	16.5	0
3	64QAM	1	8	14.93	14.83	14.90		
3	64QAM	1	14	14.96	14.92	14.83		
3	64QAM	8	0	14.87	14.92	14.87	16.5	0
3	64QAM	8	4	14.88	14.88	14.90		
3	64QAM	8	7	14.92	14.85	14.86		
3	64QAM	15	0	15.00	14.93	14.95		
3	256QAM	1	0	14.87	14.95	14.92	16.5	0
3	256QAM	1	8	14.99	15.01	14.99		
3	256QAM	1	14	14.80	14.81	14.79		
3	256QAM	8	0	14.97	14.86	14.85	16.5	0
3	256QAM	8	4	14.95	14.84	14.92		
3	256QAM	8	7	14.93	14.89	14.89		
3	256QAM	15	0	14.92	14.94	14.85		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.90	15.04	15.01	16.5	0
1.4	QPSK	1	3	14.89	15.01	14.89		
1.4	QPSK	1	5	14.95	14.91	14.86		
1.4	QPSK	3	0	15.02	14.90	14.90		
1.4	QPSK	3	1	14.92	14.82	14.83		
1.4	QPSK	3	3	14.95	14.92	14.85		
1.4	QPSK	6	0	14.92	14.97	14.98	16.5	0
1.4	16QAM	1	0	14.89	14.97	14.97	16.5	0
1.4	16QAM	1	3	14.85	14.81	14.90		
1.4	16QAM	1	5	14.85	14.89	14.82		
1.4	16QAM	3	0	14.88	14.95	14.97		
1.4	16QAM	3	1	14.89	14.79	14.78		
1.4	16QAM	3	3	15.00	14.99	14.95		
1.4	16QAM	6	0	14.94	14.88	14.97	16.5	0
1.4	64QAM	1	0	14.85	14.94	14.87	16.5	0
1.4	64QAM	1	3	14.80	14.93	14.92		
1.4	64QAM	1	5	14.83	14.86	14.96		
1.4	64QAM	3	0	14.83	14.86	14.94		
1.4	64QAM	3	1	14.89	14.93	14.95		
1.4	64QAM	3	3	14.92	14.81	14.90		
1.4	64QAM	6	0	15.00	14.86	14.93	16.5	0
1.4	256QAM	1	0	14.94	14.86	14.85	16.5	0
1.4	256QAM	1	3	14.96	14.98	15.00		
1.4	256QAM	1	5	14.90	14.79	14.83		
1.4	256QAM	3	0	14.87	14.96	14.84		
1.4	256QAM	3	1	14.82	14.81	14.87		
1.4	256QAM	3	3	14.97	14.99	14.90		
1.4	256QAM	6	0	14.89	14.96	14.85	16.5	0

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.87	23.92	23.85	25	0
20	QPSK	1	49	23.81	23.87	23.76		
20	QPSK	1	99	23.76	23.82	23.77		
20	QPSK	50	0	22.79	22.92	22.78	24	1
20	QPSK	50	24	22.77	22.79	22.74		
20	QPSK	50	50	22.74	22.77	22.70		
20	QPSK	100	0	22.82	22.89	22.74		
20	16QAM	1	0	22.85	22.99	22.96	24	1
20	16QAM	1	49	22.80	22.85	22.74		
20	16QAM	1	99	22.92	22.97	22.90		
20	16QAM	50	0	21.80	21.84	21.79	23	2
20	16QAM	50	24	21.78	21.79	21.76		
20	16QAM	50	50	21.74	21.82	21.79		
20	16QAM	100	0	21.81	21.82	21.76		
20	64QAM	1	0	21.23	21.32	21.27	23	2
20	64QAM	1	49	21.14	21.18	21.09		
20	64QAM	1	99	21.15	21.21	21.10		
20	64QAM	50	0	20.97	20.99	20.88	22	3
20	64QAM	50	24	20.72	20.86	20.82		
20	64QAM	50	50	20.84	20.86	20.83		
20	64QAM	100	0	20.76	20.90	20.78		
20	256QAM	1	0	18.83	18.97	18.84	20	5
20	256QAM	1	49	18.95	18.95	18.93		
20	256QAM	1	99	18.98	19.02	18.91		
20	256QAM	50	0	18.73	18.87	18.79	20	5
20	256QAM	50	24	18.75	18.84	18.74		
20	256QAM	50	50	18.85	18.85	18.90		
20	256QAM	100	0	18.92	18.86	18.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.79	23.68	25	0
15	QPSK	1	37	23.71	23.85	23.63		
15	QPSK	1	74	23.62	23.70	23.72		
15	QPSK	36	0	22.64	22.85	22.61	24	1
15	QPSK	36	20	22.73	22.67	22.71		
15	QPSK	36	39	22.56	22.68	22.50		
15	QPSK	75	0	22.81	22.70	22.69		
15	16QAM	1	0	22.74	22.85	22.86	24	1
15	16QAM	1	37	22.64	22.73	22.72		
15	16QAM	1	74	22.88	22.92	22.74		
15	16QAM	36	0	21.71	21.67	21.71	23	2
15	16QAM	36	20	21.72	21.74	21.66		
15	16QAM	36	39	21.56	21.65	21.76		
15	16QAM	75	0	21.62	21.80	21.68		
15	64QAM	1	0	21.16	21.26	21.25	23	2
15	64QAM	1	37	21.09	21.12	21.17		
15	64QAM	1	74	21.19	21.20	21.10		
15	64QAM	36	0	20.95	20.80	20.88	22	3
15	64QAM	36	20	20.54	20.67	20.77		
15	64QAM	36	39	20.70	20.83	20.69		
15	64QAM	75	0	20.61	20.87	20.68		
15	256QAM	1	0	18.82	18.83	18.76	20	5
15	256QAM	1	37	18.96	18.96	18.81		
15	256QAM	1	74	19.02	19.07	18.96		
15	256QAM	36	0	18.67	18.95	18.69	20	5
15	256QAM	36	20	18.61	18.75	18.65		
15	256QAM	36	39	18.73	18.79	18.83		
15	256QAM	75	0	18.98	18.77	18.77		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.74	23.90	23.70	25	0
10	QPSK	1	25	23.61	23.87	23.63		
10	QPSK	1	49	23.68	23.77	23.77		
10	QPSK	25	0	22.65	22.80	22.70	24	1
10	QPSK	25	12	22.71	22.62	22.65		
10	QPSK	25	25	22.60	22.58	22.56		
10	QPSK	50	0	22.77	22.83	22.67		
10	16QAM	1	0	22.81	22.90	22.91	24	1
10	16QAM	1	25	22.72	22.81	22.70		
10	16QAM	1	49	22.91	22.78	22.87		
10	16QAM	25	0	21.70	21.76	21.73	23	2
10	16QAM	25	12	21.63	21.64	21.70		
10	16QAM	25	25	21.65	21.66	21.75		
10	16QAM	50	0	21.69	21.75	21.75		
10	64QAM	1	0	21.15	21.13	21.15	23	2
10	64QAM	1	25	21.05	21.16	21.05		
10	64QAM	1	49	21.04	21.21	21.11		
10	64QAM	25	0	20.90	20.87	20.78	22	3
10	64QAM	25	12	20.67	20.69	20.67		
10	64QAM	25	25	20.76	20.69	20.67		
10	64QAM	50	0	20.58	20.85	20.78		
10	256QAM	1	0	18.84	19.03	18.87	20	5
10	256QAM	1	25	18.88	19.05	18.87		
10	256QAM	1	49	18.86	19.11	18.76		
10	256QAM	25	0	18.59	18.95	18.81	20	5
10	256QAM	25	12	18.62	18.88	18.77		
10	256QAM	25	25	18.89	18.77	18.77		
10	256QAM	50	0	18.95	18.88	18.82		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.73	23.72	23.69	25	0
5	QPSK	1	12	23.75	23.85	23.59		
5	QPSK	1	24	23.73	23.77	23.69		
5	QPSK	12	0	22.59	22.84	22.78	24	1
5	QPSK	12	7	22.65	22.70	22.57		
5	QPSK	12	13	22.65	22.77	22.51		
5	QPSK	25	0	22.69	22.82	22.69		
5	16QAM	1	0	22.79	22.95	22.95	24	1
5	16QAM	1	12	22.77	22.76	22.71		
5	16QAM	1	24	22.78	22.81	22.76		
5	16QAM	12	0	21.76	21.65	21.75	23	2
5	16QAM	12	7	21.63	21.72	21.56		
5	16QAM	12	13	21.70	21.63	21.74		
5	16QAM	25	0	21.78	21.80	21.66		
5	64QAM	1	0	21.06	21.24	21.21	23	2
5	64QAM	1	12	21.09	21.08	21.14		
5	64QAM	1	24	21.14	21.19	21.09		
5	64QAM	12	0	20.82	20.86	20.79	22	3
5	64QAM	12	7	20.60	20.83	20.74		
5	64QAM	12	13	20.68	20.68	20.66		
5	64QAM	25	0	20.57	20.83	20.63		
5	256QAM	1	0	18.85	19.04	18.88	20	5
5	256QAM	1	12	18.84	19.03	18.93		
5	256QAM	1	24	18.99	19.03	18.93		
5	256QAM	12	0	18.70	18.74	18.66	20	5
5	256QAM	12	7	18.70	18.89	18.68		
5	256QAM	12	13	18.84	18.95	18.99		
5	256QAM	25	0	18.83	18.84	18.87		

Band 48_Ant 4

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	17.34	17.57	17.99	17.97	18.5	0
20	QPSK	1	49	17.31	17.52	17.86	17.90		
20	QPSK	1	99	17.33	17.51	17.87	17.92		
20	QPSK	50	0	17.32	17.50	17.92	17.90	18.5	0
20	QPSK	50	24	17.22	17.45	17.80	17.85		
20	QPSK	50	50	17.29	17.47	17.82	17.88		
20	QPSK	100	0	17.30	17.47	17.91	17.89		
20	16QAM	1	0	17.22	17.45	17.82	17.80	18.5	0
20	16QAM	1	49	17.30	17.43	17.82	17.88		
20	16QAM	1	99	17.26	17.44	17.81	17.89		
20	16QAM	50	0	17.30	17.48	17.83	17.83	18.5	0
20	16QAM	50	24	17.22	17.40	17.78	17.82		
20	16QAM	50	50	17.23	17.47	17.82	17.89		
20	16QAM	100	0	17.24	17.42	17.77	17.85		
20	64QAM	1	0	17.23	17.48	17.86	17.88	18.5	0
20	64QAM	1	49	17.31	17.46	17.81	17.85		
20	64QAM	1	99	17.25	17.41	17.86	17.89		
20	64QAM	50	0	17.26	17.42	17.78	17.88	18.5	0
20	64QAM	50	24	17.25	17.47	17.85	17.86		
20	64QAM	50	50	17.30	17.48	17.84	17.88		
20	64QAM	100	0	17.23	17.47	17.81	17.86		
20	256QAM	1	0	17.27	17.48	17.85	17.84	18.5	0
20	256QAM	1	49	17.23	17.41	17.81	17.82		
20	256QAM	1	99	17.31	17.40	17.81	17.83		
20	256QAM	50	0	17.23	17.47	17.81	17.86	18.5	0
20	256QAM	50	24	17.31	17.42	17.80	17.82		
20	256QAM	50	50	17.29	17.40	17.86	17.89		
20	256QAM	100	0	17.25	17.45	17.86	17.82		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.57	17.54	17.97	17.90	18.5	0
15	QPSK	1	37	17.44	17.57	17.71	17.76		
15	QPSK	1	74	17.43	17.45	17.84	17.73		
15	QPSK	36	0	17.49	17.47	17.81	17.81	18.5	0
15	QPSK	36	20	17.41	17.42	17.78	17.70		
15	QPSK	36	39	17.42	17.48	17.67	17.70		
15	QPSK	75	0	17.41	17.38	17.80	17.80		
15	16QAM	1	0	17.42	17.33	17.69	17.80	18.5	0
15	16QAM	1	37	17.42	17.48	17.76	17.72		
15	16QAM	1	74	17.39	17.37	17.80	17.68		
15	16QAM	36	0	17.47	17.37	17.73	17.78	18.5	0
15	16QAM	36	20	17.43	17.39	17.75	17.66		
15	16QAM	36	39	17.43	17.37	17.69	17.74		
15	16QAM	75	0	17.45	17.44	17.75	17.75		
15	64QAM	1	0	17.42	17.52	17.77	17.74	18.5	0
15	64QAM	1	37	17.47	17.46	17.68	17.75		
15	64QAM	1	74	17.44	17.39	17.84	17.74		
15	64QAM	36	0	17.34	17.42	17.67	17.71	18.5	0
15	64QAM	36	20	17.44	17.50	17.81	17.78		
15	64QAM	36	39	17.48	17.52	17.70	17.83		
15	64QAM	75	0	17.40	17.37	17.74	17.69		
15	256QAM	1	0	17.41	17.47	17.75	17.84	18.5	0
15	256QAM	1	37	17.48	17.48	17.67	17.67		
15	256QAM	1	74	17.41	17.41	17.80	17.75		
15	256QAM	36	0	17.48	17.48	17.80	17.72	18.5	0
15	256QAM	36	20	17.35	17.33	17.67	17.72		
15	256QAM	36	39	17.42	17.38	17.72	17.82		
15	256QAM	75	0	17.41	17.44	17.75	17.77		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.55	17.48	17.91	17.87	18.5	0
10	QPSK	1	25	17.49	17.56	17.84	17.75		
10	QPSK	1	49	17.44	17.52	17.74	17.73		
10	QPSK	25	0	17.55	17.50	17.81	17.83	18.5	0
10	QPSK	25	12	17.37	17.41	17.74	17.76		
10	QPSK	25	25	17.37	17.37	17.77	17.74		
10	QPSK	50	0	17.42	17.37	17.84	17.79		
10	16QAM	1	0	17.45	17.32	17.76	17.80	18.5	0
10	16QAM	1	25	17.47	17.51	17.68	17.77		
10	16QAM	1	49	17.44	17.38	17.75	17.77		
10	16QAM	25	0	17.36	17.48	17.76	17.71	18.5	0
10	16QAM	25	12	17.45	17.40	17.65	17.69		
10	16QAM	25	25	17.45	17.40	17.79	17.71		
10	16QAM	50	0	17.45	17.43	17.75	17.71		
10	64QAM	1	0	17.51	17.41	17.71	17.85	18.5	0
10	64QAM	1	25	17.54	17.45	17.78	17.68		
10	64QAM	1	49	17.40	17.44	17.75	17.72		
10	64QAM	25	0	17.35	17.39	17.65	17.77	18.5	0
10	64QAM	25	12	17.51	17.39	17.71	17.76		
10	64QAM	25	25	17.40	17.50	17.70	17.78		
10	64QAM	50	0	17.40	17.35	17.72	17.75		
10	256QAM	1	0	17.39	17.51	17.82	17.74	18.5	0
10	256QAM	1	25	17.39	17.39	17.69	17.80		
10	256QAM	1	49	17.35	17.39	17.75	17.74		
10	256QAM	25	0	17.52	17.52	17.75	17.66	18.5	0
10	256QAM	25	12	17.32	17.41	17.69	17.66		
10	256QAM	25	25	17.34	17.43	17.75	17.71		
10	256QAM	50	0	17.49	17.37	17.80	17.82		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.58	17.46	17.85	17.93	18.5	0
5	QPSK	1	12	17.51	17.56	17.83	17.83		
5	QPSK	1	24	17.55	17.56	17.83	17.84		
5	QPSK	12	0	17.47	17.48	17.82	17.77	18.5	0
5	QPSK	12	7	17.36	17.44	17.73	17.67		
5	QPSK	12	13	17.40	17.50	17.68	17.78		
5	QPSK	25	0	17.37	17.41	17.76	17.86		
5	16QAM	1	0	17.43	17.39	17.67	17.74	18.5	0
5	16QAM	1	12	17.45	17.50	17.76	17.74		
5	16QAM	1	24	17.42	17.44	17.78	17.66		
5	16QAM	12	0	17.36	17.36	17.71	17.72	18.5	0
5	16QAM	12	7	17.38	17.45	17.66	17.69		
5	16QAM	12	13	17.46	17.44	17.79	17.75		
5	16QAM	25	0	17.44	17.46	17.71	17.65		
5	64QAM	1	0	17.47	17.42	17.73	17.84	18.5	0
5	64QAM	1	12	17.45	17.43	17.67	17.71		
5	64QAM	1	24	17.41	17.35	17.74	17.83		
5	64QAM	12	0	17.45	17.32	17.67	17.73	18.5	0
5	64QAM	12	7	17.49	17.48	17.79	17.74		
5	64QAM	12	13	17.44	17.47	17.80	17.77		
5	64QAM	25	0	17.37	17.47	17.77	17.78		
5	256QAM	1	0	17.51	17.41	17.71	17.74	18.5	0
5	256QAM	1	12	17.43	17.47	17.74	17.74		
5	256QAM	1	24	17.47	17.47	17.72	17.71		
5	256QAM	12	0	17.43	17.48	17.71	17.76	18.5	0
5	256QAM	12	7	17.38	17.36	17.67	17.73		
5	256QAM	12	13	17.35	17.39	17.82	17.82		
5	256QAM	25	0	17.44	17.39	17.83	17.73		

Reduced Power Mode for Hotspot on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.14	33.36	33.27	**34.00**	24.14	24.36	24.27	**25.00**
GPRS 1 Tx slot	33.12	33.38	33.22	**34.00**	24.12	24.38	24.22	**25.00**
GPRS 2 Tx slots	32.00	32.27	32.11	**33.00**	26.00	26.27	26.11	**27.00**
GPRS 3 Tx slots	29.66	29.93	29.80	**31.00**	25.40	25.67	25.54	**26.74**
GPRS 4 Tx slots	28.35	28.61	28.53	**29.50**	25.35	25.61	25.53	**26.50**
EDGE 1 Tx slot	26.70	26.71	26.65	**27.50**	17.70	17.71	17.65	**18.50**
EDGE 2 Tx slots	25.10	25.13	25.56	**26.50**	19.10	19.13	19.56	**20.50**
EDGE 3 Tx slots	22.61	22.64	22.74	**24.00**	18.35	18.38	18.48	**19.74**
EDGE 4 Tx slots	21.41	21.55	21.25	**23.00**	18.41	18.55	18.25	**20.00**

GSM1900_Ant 3	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	23.58	23.82	23.43	**24.50**	14.58	14.82	14.43	**15.50**
GPRS 1 Tx slot	23.70	23.76	23.34	**24.50**	14.70	14.76	14.34	**15.50**
GPRS 2 Tx slots	22.30	22.60	22.08	**23.50**	16.30	16.60	16.08	**17.50**
GPRS 3 Tx slots	19.66	20.15	19.51	**21.00**	15.40	15.89	15.25	**16.74**
GPRS 4 Tx slots	18.35	18.79	18.10	**19.50**	15.35	15.79	15.10	**16.50**
EDGE 1 Tx slot	20.18	19.97	19.84	**21.50**	11.18	10.97	10.84	**12.50**
EDGE 2 Tx slots	18.57	18.74	18.53	**20.00**	12.57	12.74	12.53	**14.00**
EDGE 3 Tx slots	16.78	16.74	16.57	**18.00**	12.52	12.48	12.31	**13.74**
EDGE 4 Tx slots	15.45	15.55	15.23	**17.00**	12.45	12.55	12.23	**14.00**

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.17	18.28	18.21	**19.50**	17.77	17.86	17.81	**19.50**	23.46	23.55	23.47	**24.50**
3GPP Rel 99	RMC 12.2Kbps	18.29	18.43	18.34	**19.50**	17.83	17.87	17.84	**19.50**	23.51	23.58	23.49	**24.50**
3GPP Rel 6	HSDPA Subtest-1	17.42	17.41	17.36	**18.50**	16.79	16.82	16.84	**18.50**	22.59	22.60	22.60	**23.50**
3GPP Rel 6	HSDPA Subtest-2	17.35	17.39	17.39	**18.50**	16.75	16.67	16.76	**18.50**	22.62	22.61	22.56	**23.50**
3GPP Rel 6	HSDPA Subtest-3	16.98	16.98	17.01	**18.00**	16.28	16.27	16.21	**18.00**	22.13	22.14	22.11	**23.00**
3GPP Rel 6	HSDPA Subtest-4	16.93	16.91	16.88	**18.00**	16.37	16.44	16.36	**18.00**	22.10	22.06	22.09	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	16.76	16.85	16.82	**18.50**	17.03	16.95	16.97	**18.50**	22.42	22.32	22.39	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	16.91	16.96	16.91	**18.50**	17.03	16.99	17.08	**18.50**	22.26	22.33	22.32	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	16.31	16.30	16.36	**18.00**	16.56	16.59	16.51	**18.00**	21.90	21.82	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	16.27	16.28	16.33	**18.00**	16.51	16.39	16.48	**18.00**	21.90	21.81	21.86	**23.00**
3GPP Rel 6	HSUPA Subtest-1	15.36	15.41	15.36	**17.00**	16.68	16.82	16.77	**18.50**	20.54	20.57	20.53	**22.00**
3GPP Rel 6	HSUPA Subtest-2	15.29	15.32	15.34	**16.00**	15.80	15.91	15.80	**16.50**	20.56	20.59	20.56	**21.00**
3GPP Rel 6	HSUPA Subtest-3	16.44	16.41	16.34	**17.00**	16.72	16.77	16.65	**17.50**	21.54	21.61	21.56	**22.00**
3GPP Rel 6	HSUPA Subtest-4	14.82	14.80	14.88	**16.00**	15.21	15.22	15.30	**16.50**	20.07	20.12	20.09	**21.00**
3GPP Rel 6	HSUPA Subtest-5	16.29	16.33	16.34	**18.00**	16.58	16.64	16.57	**18.50**	21.50	21.60	21.50	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.08	15.22	15.09	**16.00**	15.57	15.51	15.58	**16.00**	20.59	20.56	20.58	**21.00**

Band 2_Ant 3

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	19.47	19.62	19.46	20.5	0
20	QPSK	1	49	19.42	19.52	19.45		
20	QPSK	1	99	19.43	19.52	19.40		
20	QPSK	50	0	19.37	19.52	19.45	20.5	0
20	QPSK	50	24	19.36	19.48	19.43		
20	QPSK	50	50	19.28	19.43	19.44		
20	QPSK	100	0	19.27	19.48	19.36		
20	16QAM	1	0	19.33	19.42	19.38	20.5	0
20	16QAM	1	49	19.27	19.45	19.40		
20	16QAM	1	99	19.30	19.51	19.39		
20	16QAM	50	0	19.34	19.45	19.37	20.5	0
20	16QAM	50	24	19.31	19.45	19.43		
20	16QAM	50	50	19.28	19.45	19.36		
20	16QAM	100	0	19.35	19.48	19.44		
20	64QAM	1	0	19.27	19.49	19.36	20.5	0
20	64QAM	1	49	19.30	19.45	19.38		
20	64QAM	1	99	19.31	19.48	19.41		
20	64QAM	50	0	19.29	19.51	19.36	20.5	0
20	64QAM	50	24	19.29	19.48	19.43		
20	64QAM	50	50	19.28	19.50	19.39		
20	64QAM	100	0	19.29	19.49	19.38		
20	256QAM	1	0	18.85	18.96	18.86	20	0.5
20	256QAM	1	49	18.85	18.99	18.88		
20	256QAM	1	99	18.81	18.93	18.91		
20	256QAM	50	0	18.85	18.92	18.85	20	0.5
20	256QAM	50	24	18.86	18.93	18.92		
20	256QAM	50	50	18.77	19.00	18.91		
20	256QAM	100	0	18.78	18.95	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.53	19.55	19.57	20.5	0
15	QPSK	1	37	19.38	19.47	19.44		
15	QPSK	1	74	19.46	19.48	19.49		
15	QPSK	36	0	19.39	19.47	19.40	20.5	0
15	QPSK	36	20	19.47	19.36	19.36		
15	QPSK	36	39	19.32	19.41	19.39		
15	QPSK	75	0	19.33	19.43	19.39		
15	16QAM	1	0	19.37	19.27	19.30	20.5	0
15	16QAM	1	37	19.31	19.31	19.39		
15	16QAM	1	74	19.40	19.42	19.47		
15	16QAM	36	0	19.39	19.30	19.40	20.5	0
15	16QAM	36	20	19.32	19.39	19.43		
15	16QAM	36	39	19.39	19.36	19.35		
15	16QAM	75	0	19.47	19.33	19.39		
15	64QAM	1	0	19.46	19.36	19.45	20.5	0
15	64QAM	1	37	19.39	19.44	19.35		
15	64QAM	1	74	19.46	19.43	19.39		
15	64QAM	36	0	19.47	19.44	19.42	20.5	0
15	64QAM	36	20	19.41	19.33	19.47		
15	64QAM	36	39	19.36	19.42	19.44		
15	64QAM	75	0	19.36	19.37	19.42		
15	256QAM	1	0	18.87	18.85	18.83	20	0.5
15	256QAM	1	37	18.93	18.96	18.91		
15	256QAM	1	74	18.91	18.85	18.86		
15	256QAM	36	0	18.90	18.79	18.83	20	0.5
15	256QAM	36	20	18.90	18.89	18.78		
15	256QAM	36	39	18.90	18.95	18.97		
15	256QAM	75	0	18.86	18.80	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.47	19.56	19.49	20.5	0
10	QPSK	1	25	19.47	19.48	19.51		
10	QPSK	1	49	19.46	19.48	19.46		
10	QPSK	25	0	19.50	19.40	19.48	20.5	0
10	QPSK	25	12	19.45	19.43	19.44		
10	QPSK	25	25	19.37	19.31	19.37		
10	QPSK	50	0	19.34	19.42	19.38		
10	16QAM	1	0	19.41	19.33	19.31	20.5	0
10	16QAM	1	25	19.44	19.44	19.41		
10	16QAM	1	49	19.41	19.42	19.42		
10	16QAM	25	0	19.44	19.35	19.35	20.5	0
10	16QAM	25	12	19.32	19.32	19.34		
10	16QAM	25	25	19.44	19.31	19.41		
10	16QAM	50	0	19.36	19.33	19.40		
10	64QAM	1	0	19.44	19.47	19.40	20.5	0
10	64QAM	1	25	19.33	19.35	19.30		
10	64QAM	1	49	19.43	19.43	19.35		
10	64QAM	25	0	19.38	19.42	19.38	20.5	0
10	64QAM	25	12	19.40	19.37	19.46		
10	64QAM	25	25	19.47	19.36	19.43		
10	64QAM	50	0	19.42	19.43	19.48		
10	256QAM	1	0	18.91	18.86	18.93	20	0.5
10	256QAM	1	25	18.88	18.87	18.97		
10	256QAM	1	49	18.82	18.91	18.84		
10	256QAM	25	0	18.91	18.82	18.91	20	0.5
10	256QAM	25	12	18.84	18.88	18.83		
10	256QAM	25	25	18.89	18.87	18.98		
10	256QAM	50	0	18.93	18.89	18.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.54	19.48	19.53	20.5	0
5	QPSK	1	12	19.41	19.46	19.41		
5	QPSK	1	24	19.38	19.43	19.44		
5	QPSK	12	0	19.39	19.49	19.43	20.5	0
5	QPSK	12	7	19.41	19.42	19.37		
5	QPSK	12	13	19.36	19.33	19.32		
5	QPSK	25	0	19.34	19.46	19.33		
5	16QAM	1	0	19.41	19.41	19.39	20.5	0
5	16QAM	1	12	19.42	19.37	19.31		
5	16QAM	1	24	19.42	19.41	19.44		
5	16QAM	12	0	19.39	19.33	19.44	20.5	0
5	16QAM	12	7	19.33	19.40	19.40		
5	16QAM	12	13	19.35	19.42	19.43		
5	16QAM	25	0	19.46	19.36	19.37		
5	64QAM	1	0	19.44	19.37	19.38	20.5	0
5	64QAM	1	12	19.35	19.35	19.31		
5	64QAM	1	24	19.41	19.38	19.43		
5	64QAM	12	0	19.50	19.43	19.50	20.5	0
5	64QAM	12	7	19.42	19.47	19.42		
5	64QAM	12	13	19.48	19.44	19.49		
5	64QAM	25	0	19.48	19.41	19.39		
5	256QAM	1	0	18.82	18.89	18.83	20	0.5
5	256QAM	1	12	18.93	18.96	18.85		
5	256QAM	1	24	18.90	18.87	18.92		
5	256QAM	12	0	18.81	18.84	18.81	20	0.5
5	256QAM	12	7	18.84	18.80	18.90		
5	256QAM	12	13	18.95	18.86	18.95		
5	256QAM	25	0	18.82	18.92	18.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.54	19.58	19.59	20.5	0
3	QPSK	1	8	19.42	19.51	19.50		
3	QPSK	1	14	19.47	19.46	19.46		
3	QPSK	8	0	19.48	19.44	19.38	20.5	0
3	QPSK	8	4	19.33	19.43	19.41		
3	QPSK	8	7	19.35	19.37	19.32		
3	QPSK	15	0	19.38	19.34	19.39		
3	16QAM	1	0	19.32	19.28	19.30	20.5	0
3	16QAM	1	8	19.35	19.43	19.34		
3	16QAM	1	14	19.48	19.42	19.38		
3	16QAM	8	0	19.30	19.30	19.42	20.5	0
3	16QAM	8	4	19.35	19.40	19.35		
3	16QAM	8	7	19.40	19.31	19.44		
3	16QAM	15	0	19.37	19.41	19.35		
3	64QAM	1	0	19.35	19.42	19.38	20.5	0
3	64QAM	1	8	19.44	19.33	19.36		
3	64QAM	1	14	19.36	19.38	19.35		
3	64QAM	8	0	19.45	19.42	19.38	20.5	0
3	64QAM	8	4	19.41	19.42	19.44		
3	64QAM	8	7	19.48	19.47	19.42		
3	64QAM	15	0	19.43	19.40	19.48		
3	256QAM	1	0	18.92	18.88	18.93	20	0.5
3	256QAM	1	8	18.91	18.98	18.98		
3	256QAM	1	14	18.78	18.85	18.78		
3	256QAM	8	0	18.83	18.80	18.82	20	0.5
3	256QAM	8	4	18.91	18.91	18.87		
3	256QAM	8	7	18.95	18.92	18.96		
3	256QAM	15	0	18.86	18.81	18.81		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.59	19.51	19.47	20.5	0
1.4	QPSK	1	3	19.49	19.41	19.40		
1.4	QPSK	1	5	19.42	19.45	19.42		
1.4	QPSK	3	0	19.46	19.48	19.45		
1.4	QPSK	3	1	19.37	19.45	19.36		
1.4	QPSK	3	3	19.36	19.39	19.41		
1.4	QPSK	6	0	19.34	19.47	19.38	20.5	0
1.4	16QAM	1	0	19.35	19.28	19.29	20.5	0
1.4	16QAM	1	3	19.38	19.34	19.32		
1.4	16QAM	1	5	19.45	19.40	19.48		
1.4	16QAM	3	0	19.42	19.38	19.35		
1.4	16QAM	3	1	19.44	19.31	19.33		
1.4	16QAM	3	3	19.33	19.43	19.44		
1.4	16QAM	6	0	19.38	19.44	19.39	20.5	0
1.4	64QAM	1	0	19.46	19.45	19.39	20.5	0
1.4	64QAM	1	3	19.40	19.36	19.36		
1.4	64QAM	1	5	19.44	19.45	19.37		
1.4	64QAM	3	0	19.37	19.41	19.37		
1.4	64QAM	3	1	19.34	19.34	19.36		
1.4	64QAM	3	3	19.37	19.47	19.44		
1.4	64QAM	6	0	19.45	19.34	19.48	20.5	0
1.4	256QAM	1	0	18.91	18.91	18.91	20	0.5
1.4	256QAM	1	3	18.90	18.89	18.87		
1.4	256QAM	1	5	18.88	18.89	18.86		
1.4	256QAM	3	0	18.78	18.87	18.82		
1.4	256QAM	3	1	18.79	18.84	18.85		
1.4	256QAM	3	3	18.98	18.88	18.97		
1.4	256QAM	6	0	18.80	18.83	18.90	20	0.5

Band 4_Ant 3

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	18.68	19.03	18.92	20.5	0
20	QPSK	1	49	18.66	19.02	18.90		
20	QPSK	1	99	18.67	18.96	18.82		
20	QPSK	50	0	18.65	18.99	18.89	20.5	0
20	QPSK	50	24	18.63	18.95	18.86		
20	QPSK	50	50	18.56	18.96	18.83		
20	QPSK	100	0	18.56	18.91	18.88		
20	16QAM	1	0	18.63	18.91	18.79	20.5	0
20	16QAM	1	49	18.61	18.95	18.88		
20	16QAM	1	99	18.63	18.91	18.86		
20	16QAM	50	0	18.64	18.98	18.86	20.5	0
20	16QAM	50	24	18.64	18.96	18.83		
20	16QAM	50	50	18.55	18.92	18.80		
20	16QAM	100	0	18.61	18.89	18.88		
20	64QAM	1	0	18.57	18.94	18.87	20.5	0
20	64QAM	1	49	18.58	18.91	18.87		
20	64QAM	1	99	18.58	18.98	18.88		
20	64QAM	50	0	18.55	18.90	18.85	20.5	0
20	64QAM	50	24	18.55	18.93	18.87		
20	64QAM	50	50	18.55	18.89	18.84		
20	64QAM	100	0	18.58	18.94	18.86		
20	256QAM	1	0	18.10	18.42	18.30	20	0.5
20	256QAM	1	49	18.10	18.39	18.29		
20	256QAM	1	99	18.09	18.39	18.35		
20	256QAM	50	0	18.05	18.42	18.29	20	0.5
20	256QAM	50	24	18.06	18.45	18.37		
20	256QAM	50	50	18.14	18.45	18.31		
20	256QAM	100	0	18.07	18.39	18.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.92	18.97	19.02	20.5	0
15	QPSK	1	37	18.90	18.96	18.97		
15	QPSK	1	74	18.88	18.92	18.85		
15	QPSK	36	0	18.92	18.97	18.94	20.5	0
15	QPSK	36	20	18.85	18.91	18.84		
15	QPSK	36	39	18.82	18.89	18.83		
15	QPSK	75	0	18.80	18.83	18.77		
15	16QAM	1	0	18.89	18.76	18.87	20.5	0
15	16QAM	1	37	18.80	18.80	18.92		
15	16QAM	1	74	18.77	18.86	18.85		
15	16QAM	36	0	18.94	18.86	18.83	20.5	0
15	16QAM	36	20	18.94	18.85	18.86		
15	16QAM	36	39	18.81	18.79	18.90		
15	16QAM	75	0	18.77	18.81	18.75		
15	64QAM	1	0	18.84	18.80	18.89	20.5	0
15	64QAM	1	37	18.76	18.79	18.90		
15	64QAM	1	74	18.86	18.91	18.91		
15	64QAM	36	0	18.88	18.79	18.76	20.5	0
15	64QAM	36	20	18.87	18.90	18.79		
15	64QAM	36	39	18.80	18.81	18.84		
15	64QAM	75	0	18.92	18.90	18.82		
15	256QAM	1	0	18.37	18.38	18.37	20	0.5
15	256QAM	1	37	18.38	18.37	18.33		
15	256QAM	1	74	18.35	18.34	18.26		
15	256QAM	36	0	18.30	18.34	18.41	20	0.5
15	256QAM	36	20	18.33	18.34	18.37		
15	256QAM	36	39	18.33	18.42	18.38		
15	256QAM	75	0	18.26	18.29	18.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.90	18.97	19.00	20.5	0
10	QPSK	1	25	19.00	18.97	18.92		
10	QPSK	1	49	18.84	18.94	18.87		
10	QPSK	25	0	18.92	18.97	18.86	20.5	0
10	QPSK	25	12	18.94	18.90	18.88		
10	QPSK	25	25	18.89	18.90	18.86		
10	QPSK	50	0	18.82	18.88	18.81		
10	16QAM	1	0	18.82	18.79	18.77	20.5	0
10	16QAM	1	25	18.91	18.87	18.82		
10	16QAM	1	49	18.78	18.80	18.82		
10	16QAM	25	0	18.86	18.95	18.89	20.5	0
10	16QAM	25	12	18.94	18.90	18.81		
10	16QAM	25	25	18.90	18.84	18.82		
10	16QAM	50	0	18.79	18.83	18.85		
10	64QAM	1	0	18.85	18.85	18.82	20.5	0
10	64QAM	1	25	18.83	18.86	18.81		
10	64QAM	1	49	18.97	18.83	18.97		
10	64QAM	25	0	18.83	18.78	18.76	20.5	0
10	64QAM	25	12	18.85	18.91	18.90		
10	64QAM	25	25	18.78	18.82	18.82		
10	64QAM	50	0	18.93	18.79	18.81		
10	256QAM	1	0	18.32	18.40	18.31	20	0.5
10	256QAM	1	25	18.30	18.26	18.27		
10	256QAM	1	49	18.31	18.37	18.27		
10	256QAM	25	0	18.40	18.40	18.28	20	0.5
10	256QAM	25	12	18.30	18.36	18.44		
10	256QAM	25	25	18.30	18.36	18.43		
10	256QAM	50	0	18.34	18.29	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.98	18.99	18.93	20.5	0
5	QPSK	1	12	18.88	18.87	18.90		
5	QPSK	1	24	18.85	18.90	18.86		
5	QPSK	12	0	18.87	18.95	18.84	20.5	0
5	QPSK	12	7	18.92	18.82	18.80		
5	QPSK	12	13	18.87	18.91	18.91		
5	QPSK	25	0	18.77	18.81	18.85		
5	16QAM	1	0	18.85	18.87	18.89	20.5	0
5	16QAM	1	12	18.86	18.86	18.91		
5	16QAM	1	24	18.76	18.88	18.78		
5	16QAM	12	0	18.89	18.96	18.95	20.5	0
5	16QAM	12	7	18.85	18.87	18.95		
5	16QAM	12	13	18.87	18.83	18.85		
5	16QAM	25	0	18.79	18.87	18.84		
5	64QAM	1	0	18.84	18.89	18.92	20.5	0
5	64QAM	1	12	18.83	18.86	18.82		
5	64QAM	1	24	18.89	18.84	18.85		
5	64QAM	12	0	18.78	18.78	18.86	20.5	0
5	64QAM	12	7	18.87	18.90	18.80		
5	64QAM	12	13	18.78	18.84	18.75		
5	64QAM	25	0	18.91	18.91	18.87		
5	256QAM	1	0	18.27	18.34	18.34	20	0.5
5	256QAM	1	12	18.28	18.31	18.32		
5	256QAM	1	24	18.37	18.27	18.37		
5	256QAM	12	0	18.32	18.33	18.29	20	0.5
5	256QAM	12	7	18.34	18.41	18.41		
5	256QAM	12	13	18.41	18.37	18.40		
5	256QAM	25	0	18.35	18.29	18.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.88	19.02	18.91	20.5	0
3	QPSK	1	8	18.95	18.99	19.01		
3	QPSK	1	14	18.92	18.81	18.88		
3	QPSK	8	0	18.97	18.93	18.91	20.5	0
3	QPSK	8	4	18.88	18.91	18.85		
3	QPSK	8	7	18.83	18.92	18.91		
3	QPSK	15	0	18.89	18.89	18.76		
3	16QAM	1	0	18.84	18.86	18.86	20.5	0
3	16QAM	1	8	18.84	18.93	18.93		
3	16QAM	1	14	18.82	18.77	18.79		
3	16QAM	8	0	18.97	18.92	18.84	20.5	0
3	16QAM	8	4	18.84	18.82	18.91		
3	16QAM	8	7	18.83	18.78	18.77		
3	16QAM	15	0	18.78	18.80	18.79		
3	64QAM	1	0	18.82	18.90	18.88	20.5	0
3	64QAM	1	8	18.77	18.78	18.81		
3	64QAM	1	14	18.96	18.90	18.95		
3	64QAM	8	0	18.86	18.86	18.86	20.5	0
3	64QAM	8	4	18.92	18.79	18.82		
3	64QAM	8	7	18.85	18.86	18.79		
3	64QAM	15	0	18.84	18.91	18.90		
3	256QAM	1	0	18.41	18.29	18.35	20	0.5
3	256QAM	1	8	18.30	18.36	18.26		
3	256QAM	1	14	18.35	18.34	18.25		
3	256QAM	8	0	18.31	18.30	18.39	20	0.5
3	256QAM	8	4	18.38	18.39	18.36		
3	256QAM	8	7	18.34	18.33	18.30		
3	256QAM	15	0	18.30	18.38	18.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.90	18.92	18.96	20.5	0
1.4	QPSK	1	3	18.91	18.95	18.87		
1.4	QPSK	1	5	18.90	18.85	18.84		
1.4	QPSK	3	0	18.90	18.97	18.97		
1.4	QPSK	3	1	18.91	18.83	18.87		
1.4	QPSK	3	3	18.85	18.95	18.92		
1.4	QPSK	6	0	18.77	18.88	18.89	20.5	0
1.4	16QAM	1	0	18.76	18.82	18.80	20.5	0
1.4	16QAM	1	3	18.86	18.89	18.94		
1.4	16QAM	1	5	18.80	18.83	18.90		
1.4	16QAM	3	0	18.94	18.92	18.96		
1.4	16QAM	3	1	18.82	18.85	18.84		
1.4	16QAM	3	3	18.83	18.78	18.85		
1.4	16QAM	6	0	18.78	18.84	18.76	20.5	0
1.4	64QAM	1	0	18.87	18.81	18.82	20.5	0
1.4	64QAM	1	3	18.86	18.90	18.90		
1.4	64QAM	1	5	18.92	18.86	18.83		
1.4	64QAM	3	0	18.76	18.88	18.76		
1.4	64QAM	3	1	18.83	18.86	18.80		
1.4	64QAM	3	3	18.78	18.77	18.87		
1.4	64QAM	6	0	18.86	18.81	18.87	20.5	0
1.4	256QAM	1	0	18.37	18.39	18.35	20	0.5
1.4	256QAM	1	3	18.30	18.25	18.28		
1.4	256QAM	1	5	18.24	18.30	18.38		
1.4	256QAM	3	0	18.34	18.30	18.30		
1.4	256QAM	3	1	18.40	18.39	18.44		
1.4	256QAM	3	3	18.31	18.40	18.43		
1.4	256QAM	6	0	18.33	18.29	18.27	20	0.5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 7_Ant 3

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	18.12	18.38	18.36	19.5	0
20	QPSK	1	49	18.11	18.34	18.31		
20	QPSK	1	99	18.05	18.32	18.30		
20	QPSK	50	0	18.04	18.33	18.32	19.5	0
20	QPSK	50	24	17.98	18.29	18.26		
20	QPSK	50	50	17.99	18.25	18.29		
20	QPSK	100	0	17.94	18.32	18.24		
20	16QAM	1	0	17.94	18.24	18.30	19.5	0
20	16QAM	1	49	17.95	18.27	18.27		
20	16QAM	1	99	17.95	18.24	18.25		
20	16QAM	50	0	17.99	18.30	18.30	19.5	0
20	16QAM	50	24	17.98	18.25	18.31		
20	16QAM	50	50	18.03	18.32	18.22		
20	16QAM	100	0	18.02	18.24	18.23		
20	64QAM	1	0	18.01	18.24	18.31	19.5	0
20	64QAM	1	49	17.94	18.30	18.25		
20	64QAM	1	99	17.96	18.27	18.31		
20	64QAM	50	0	18.03	18.32	18.31	19.5	0
20	64QAM	50	24	17.97	18.32	18.25		
20	64QAM	50	50	17.99	18.25	18.30		
20	64QAM	100	0	17.94	18.23	18.27		
20	256QAM	1	0	17.46	17.78	17.73	19	0.5
20	256QAM	1	49	17.47	17.80	17.78		
20	256QAM	1	99	17.45	17.77	17.80		
20	256QAM	50	0	17.44	17.82	17.78	19	0.5
20	256QAM	50	24	17.45	17.75	17.74		
20	256QAM	50	50	17.49	17.81	17.72		
20	256QAM	100	0	17.48	17.76	17.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.30	18.35	18.35	19.5	0
15	QPSK	1	37	18.24	18.20	18.22		
15	QPSK	1	74	18.21	18.22	18.24		
15	QPSK	36	0	18.18	18.25	18.26	19.5	0
15	QPSK	36	20	18.20	18.28	18.26		
15	QPSK	36	39	18.17	18.12	18.10		
15	QPSK	75	0	18.24	18.20	18.29		
15	16QAM	1	0	18.13	18.15	18.10	19.5	0
15	16QAM	1	37	18.20	18.19	18.15		
15	16QAM	1	74	18.22	18.09	18.16		
15	16QAM	36	0	18.22	18.29	18.16	19.5	0
15	16QAM	36	20	18.10	18.24	18.23		
15	16QAM	36	39	18.27	18.25	18.19		
15	16QAM	75	0	18.20	18.10	18.17		
15	64QAM	1	0	18.10	18.10	18.22	19.5	0
15	64QAM	1	37	18.28	18.19	18.24		
15	64QAM	1	74	18.13	18.16	18.20		
15	64QAM	36	0	18.24	18.25	18.29	19.5	0
15	64QAM	36	20	18.20	18.22	18.19		
15	64QAM	36	39	18.11	18.22	18.18		
15	64QAM	75	0	18.18	18.10	18.14		
15	256QAM	1	0	17.71	17.67	17.66	19	0.5
15	256QAM	1	37	17.70	17.76	17.74		
15	256QAM	1	74	17.63	17.66	17.63		
15	256QAM	36	0	17.80	17.78	17.70	19	0.5
15	256QAM	36	20	17.63	17.61	17.66		
15	256QAM	36	39	17.77	17.75	17.72		
15	256QAM	75	0	17.69	17.67	17.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.32	18.30	18.30	19.5	0
10	QPSK	1	25	18.15	18.15	18.27		
10	QPSK	1	49	18.28	18.18	18.25		
10	QPSK	25	0	18.19	18.26	18.26	19.5	0
10	QPSK	25	12	18.21	18.23	18.16		
10	QPSK	25	25	18.20	18.20	18.18		
10	QPSK	50	0	18.26	18.17	18.27		
10	16QAM	1	0	18.13	18.16	18.15	19.5	0
10	16QAM	1	25	18.19	18.24	18.20		
10	16QAM	1	49	18.20	18.21	18.20		
10	16QAM	25	0	18.18	18.18	18.23	19.5	0
10	16QAM	25	12	18.20	18.10	18.21		
10	16QAM	25	25	18.22	18.18	18.31		
10	16QAM	50	0	18.09	18.13	18.14		
10	64QAM	1	0	18.14	18.23	18.20	19.5	0
10	64QAM	1	25	18.19	18.17	18.18		
10	64QAM	1	49	18.17	18.21	18.16		
10	64QAM	25	0	18.20	18.18	18.29	19.5	0
10	64QAM	25	12	18.19	18.31	18.25		
10	64QAM	25	25	18.18	18.15	18.12		
10	64QAM	50	0	18.09	18.15	18.12		
10	256QAM	1	0	17.73	17.70	17.73	19	0.5
10	256QAM	1	25	17.65	17.70	17.70		
10	256QAM	1	49	17.70	17.63	17.71		
10	256QAM	25	0	17.76	17.80	17.81	19	0.5
10	256QAM	25	12	17.72	17.66	17.70		
10	256QAM	25	25	17.69	17.70	17.79		
10	256QAM	50	0	17.70	17.70	17.75		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.21	18.35	18.30	19.5	0
5	QPSK	1	12	18.21	18.25	18.28		
5	QPSK	1	24	18.21	18.17	18.15		
5	QPSK	12	0	18.30	18.31	18.29	19.5	0
5	QPSK	12	7	18.16	18.23	18.14		
5	QPSK	12	13	18.21	18.24	18.14		
5	QPSK	25	0	18.19	18.24	18.20		
5	16QAM	1	0	18.21	18.11	18.19	19.5	0
5	16QAM	1	12	18.15	18.12	18.26		
5	16QAM	1	24	18.18	18.20	18.14		
5	16QAM	12	0	18.16	18.29	18.17	19.5	0
5	16QAM	12	7	18.19	18.12	18.15		
5	16QAM	12	13	18.23	18.28	18.27		
5	16QAM	25	0	18.16	18.14	18.21		
5	64QAM	1	0	18.21	18.10	18.12	19.5	0
5	64QAM	1	12	18.17	18.27	18.19		
5	64QAM	1	24	18.25	18.19	18.17		
5	64QAM	12	0	18.28	18.24	18.22	19.5	0
5	64QAM	12	7	18.17	18.22	18.20		
5	64QAM	12	13	18.15	18.17	18.21		
5	64QAM	25	0	18.16	18.15	18.18		
5	256QAM	1	0	17.75	17.77	17.63	19	0.5
5	256QAM	1	12	17.70	17.67	17.77		
5	256QAM	1	24	17.72	17.66	17.67		
5	256QAM	12	0	17.73	17.80	17.79	19	0.5
5	256QAM	12	7	17.74	17.63	17.72		
5	256QAM	12	13	17.78	17.74	17.72		
5	256QAM	25	0	17.75	17.72	17.61		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.66	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.61	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.82	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.69	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.66			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.67	23.82	23.80	25	0
10	QPSK	1	25	23.65	23.70	23.62		
10	QPSK	1	49	23.66	23.70	23.54		
10	QPSK	25	0	22.67	22.74	22.72	24	1
10	QPSK	25	12	22.64	22.69	22.67		
10	QPSK	25	25	22.65	22.65	22.65		
10	QPSK	50	0	22.69	22.72	22.68		
10	16QAM	1	0	23.17	23.16	22.56	24	1
10	16QAM	1	25	23.23	23.20	22.58		
10	16QAM	1	49	23.24	23.16	22.86		
10	16QAM	25	0	21.71	21.73	21.67	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.72	21.68	21.62		
10	16QAM	50	0	21.66	21.71	21.66		
10	64QAM	1	0	21.67	21.90	21.93	23	2
10	64QAM	1	25	21.68	21.92	22.01		
10	64QAM	1	49	21.82	22.00	21.54		
10	64QAM	25	0	20.71	20.66	20.70	22	3
10	64QAM	25	12	20.69	20.57	20.68		
10	64QAM	25	25	20.75	20.68	20.66		
10	64QAM	50	0	20.66	20.73	20.65		
10	256QAM	1	0	19.00	18.94	18.89	20	5
10	256QAM	1	25	19.09	19.01	18.91		
10	256QAM	1	49	18.95	18.90	18.92		
10	256QAM	25	0	18.70	18.80	18.73	20	5
10	256QAM	25	12	18.84	18.77	18.62		
10	256QAM	25	25	18.82	18.74	18.62		
10	256QAM	50	0	18.66	18.81	18.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.61	23.68	23.59	25	0
5	QPSK	1	12	23.66	23.63	23.61		
5	QPSK	1	24	23.62	23.70	23.79		
5	QPSK	12	0	22.63	22.65	22.66	24	1
5	QPSK	12	7	22.73	22.66	22.67		
5	QPSK	12	13	22.65	22.68	22.70		
5	QPSK	25	0	22.71	22.71	22.69		
5	16QAM	1	0	23.07	22.90	22.80	24	1
5	16QAM	1	12	23.15	23.19	22.98		
5	16QAM	1	24	22.78	23.17	22.80		
5	16QAM	12	0	21.69	21.73	21.72	23	2
5	16QAM	12	7	21.72	21.68	21.64		
5	16QAM	12	13	21.64	21.72	21.64		
5	16QAM	25	0	21.66	21.71	21.76		
5	64QAM	1	0	21.78	21.93	22.05	23	2
5	64QAM	1	12	21.72	21.72	21.68		
5	64QAM	1	24	21.91	21.94	21.93		
5	64QAM	12	0	20.75	20.78	20.64	22	3
5	64QAM	12	7	20.79	20.74	20.63		
5	64QAM	12	13	20.80	20.65	20.78		
5	64QAM	25	0	20.69	20.65	20.63		
5	256QAM	1	0	18.92	18.86	18.82	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	19.05	18.83	19.02		
5	256QAM	12	0	18.74	18.85	18.75	20	5
5	256QAM	12	7	18.79	18.71	18.62		
5	256QAM	12	13	18.67	18.64	18.61		
5	256QAM	25	0	18.52	18.87	18.61		

Band 25_Ant 3

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.46	19.66	19.24	20.5	0
20	QPSK	1	49	19.40	19.60	19.15		
20	QPSK	1	99	19.37	19.61	19.21		
20	QPSK	50	0	19.43	19.65	19.19	20.5	0
20	QPSK	50	24	19.42	19.55	19.17		
20	QPSK	50	50	19.38	19.64	19.18		
20	QPSK	100	0	19.37	19.61	19.18		
20	16QAM	1	0	19.40	19.59	19.10	20.5	0
20	16QAM	1	49	19.41	19.57	19.10		
20	16QAM	1	99	19.39	19.63	19.17		
20	16QAM	50	0	19.37	19.61	19.10	20.5	0
20	16QAM	50	24	19.35	19.60	19.11		
20	16QAM	50	50	19.33	19.55	19.14		
20	16QAM	100	0	19.34	19.59	19.12		
20	64QAM	1	0	19.40	19.63	19.16	20.5	0
20	64QAM	1	49	19.33	19.57	19.17		
20	64QAM	1	99	19.39	19.61	19.12		
20	64QAM	50	0	19.36	19.55	19.15	20.5	0
20	64QAM	50	24	19.39	19.62	19.17		
20	64QAM	50	50	19.40	19.55	19.16		
20	64QAM	100	0	19.40	19.59	19.15		
20	256QAM	1	0	18.88	19.06	18.63	20	0.5
20	256QAM	1	49	18.88	19.12	18.61		
20	256QAM	1	99	18.87	19.07	18.62		
20	256QAM	50	0	18.85	19.13	18.67	20	0.5
20	256QAM	50	24	18.91	19.13	18.60		
20	256QAM	50	50	18.88	19.10	18.68		
20	256QAM	100	0	18.90	19.13	18.60		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.61	19.57	19.62	20.5	0
15	QPSK	1	37	19.48	19.48	19.59		
15	QPSK	1	74	19.52	19.48	19.56		
15	QPSK	36	0	19.50	19.53	19.59	20.5	0
15	QPSK	36	20	19.53	19.42	19.54		
15	QPSK	36	39	19.54	19.60	19.57		
15	QPSK	75	0	19.54	19.58	19.54		
15	16QAM	1	0	19.53	19.45	19.58	20.5	0
15	16QAM	1	37	19.48	19.42	19.42		
15	16QAM	1	74	19.52	19.61	19.55		
15	16QAM	36	0	19.57	19.57	19.48	20.5	0
15	16QAM	36	20	19.57	19.51	19.53		
15	16QAM	36	39	19.47	19.45	19.43		
15	16QAM	75	0	19.58	19.58	19.50		
15	64QAM	1	0	19.55	19.52	19.48	20.5	0
15	64QAM	1	37	19.43	19.55	19.47		
15	64QAM	1	74	19.57	19.46	19.48		
15	64QAM	36	0	19.53	19.49	19.53	20.5	0
15	64QAM	36	20	19.56	19.53	19.49		
15	64QAM	36	39	19.40	19.46	19.45		
15	64QAM	75	0	19.51	19.45	19.54		
15	256QAM	1	0	18.92	18.92	18.91	20	0.5
15	256QAM	1	37	18.97	19.08	19.03		
15	256QAM	1	74	19.02	18.94	19.05		
15	256QAM	36	0	18.99	19.00	19.12	20	0.5
15	256QAM	36	20	19.12	19.02	19.06		
15	256QAM	36	39	19.07	19.07	19.02		
15	256QAM	75	0	19.04	19.06	19.06		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.60	19.57	19.56	20.5	0
10	QPSK	1	25	19.49	19.46	19.48		
10	QPSK	1	49	19.54	19.52	19.57		
10	QPSK	25	0	19.57	19.54	19.52	20.5	0
10	QPSK	25	12	19.53	19.45	19.53		
10	QPSK	25	25	19.63	19.60	19.62		
10	QPSK	50	0	19.48	19.47	19.51		
10	16QAM	1	0	19.58	19.48	19.51	20.5	0
10	16QAM	1	25	19.55	19.51	19.49		
10	16QAM	1	49	19.48	19.54	19.49		
10	16QAM	25	0	19.53	19.46	19.56	20.5	0
10	16QAM	25	12	19.57	19.55	19.50		
10	16QAM	25	25	19.50	19.51	19.47		
10	16QAM	50	0	19.50	19.46	19.55		
10	64QAM	1	0	19.49	19.55	19.49	20.5	0
10	64QAM	1	25	19.56	19.56	19.45		
10	64QAM	1	49	19.51	19.60	19.54		
10	64QAM	25	0	19.46	19.52	19.47	20.5	0
10	64QAM	25	12	19.47	19.54	19.53		
10	64QAM	25	25	19.52	19.49	19.50		
10	64QAM	50	0	19.44	19.53	19.44		
10	256QAM	1	0	18.99	19.04	18.92	20	0.5
10	256QAM	1	25	19.08	19.11	19.00		
10	256QAM	1	49	18.92	19.00	18.94		
10	256QAM	25	0	19.04	19.11	19.07	20	0.5
10	256QAM	25	12	19.03	18.99	19.08		
10	256QAM	25	25	19.06	19.04	18.99		
10	256QAM	50	0	19.02	18.98	19.08		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.58	19.56	19.54	20.5	0
5	QPSK	1	12	19.58	19.58	19.50		
5	QPSK	1	24	19.56	19.52	19.53		
5	QPSK	12	0	19.53	19.61	19.63	20.5	0
5	QPSK	12	7	19.43	19.41	19.50		
5	QPSK	12	13	19.50	19.49	19.57		
5	QPSK	25	0	19.55	19.51	19.54		
5	16QAM	1	0	19.58	19.49	19.52	20.5	0
5	16QAM	1	12	19.54	19.51	19.45		
5	16QAM	1	24	19.61	19.60	19.60		
5	16QAM	12	0	19.53	19.58	19.50	20.5	0
5	16QAM	12	7	19.52	19.52	19.55		
5	16QAM	12	13	19.41	19.43	19.49		
5	16QAM	25	0	19.48	19.55	19.45		
5	64QAM	1	0	19.58	19.58	19.55	20.5	0
5	64QAM	1	12	19.46	19.43	19.53		
5	64QAM	1	24	19.58	19.49	19.52		
5	64QAM	12	0	19.47	19.48	19.44	20.5	0
5	64QAM	12	7	19.60	19.61	19.54		
5	64QAM	12	13	19.46	19.51	19.53		
5	64QAM	25	0	19.47	19.49	19.47		
5	256QAM	1	0	18.92	18.92	19.03	20	0.5
5	256QAM	1	12	19.10	19.06	19.01		
5	256QAM	1	24	18.92	19.04	18.99		
5	256QAM	12	0	18.99	19.04	19.01	20	0.5
5	256QAM	12	7	19.03	19.12	18.99		
5	256QAM	12	13	19.04	19.02	19.06		
5	256QAM	25	0	18.99	18.99	19.07		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.65	19.60	19.57	20.5	0
3	QPSK	1	8	19.47	19.46	19.50		
3	QPSK	1	14	19.51	19.52	19.57		
3	QPSK	8	0	19.51	19.58	19.57	20.5	0
3	QPSK	8	4	19.44	19.47	19.46		
3	QPSK	8	7	19.63	19.63	19.51		
3	QPSK	15	0	19.60	19.58	19.56		
3	16QAM	1	0	19.56	19.55	19.53	20.5	0
3	16QAM	1	8	19.51	19.48	19.51		
3	16QAM	1	14	19.55	19.54	19.58		
3	16QAM	8	0	19.59	19.51	19.47	20.5	0
3	16QAM	8	4	19.59	19.49	19.46		
3	16QAM	8	7	19.40	19.46	19.42		
3	16QAM	15	0	19.57	19.51	19.58		
3	64QAM	1	0	19.52	19.62	19.62	20.5	0
3	64QAM	1	8	19.55	19.45	19.54		
3	64QAM	1	14	19.47	19.50	19.52		
3	64QAM	8	0	19.54	19.46	19.46	20.5	0
3	64QAM	8	4	19.54	19.57	19.48		
3	64QAM	8	7	19.50	19.51	19.52		
3	64QAM	15	0	19.54	19.47	19.44		
3	256QAM	1	0	18.94	18.91	18.94	20	0.5
3	256QAM	1	8	19.06	19.11	19.07		
3	256QAM	1	14	18.95	18.98	19.03		
3	256QAM	8	0	19.03	19.06	19.11	20	0.5
3	256QAM	8	4	19.01	19.01	19.00		
3	256QAM	8	7	18.96	18.97	19.00		
3	256QAM	15	0	18.98	19.00	19.05		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.58	19.57	19.53	20.5	0
1.4	QPSK	1	3	19.53	19.54	19.54		
1.4	QPSK	1	5	19.59	19.51	19.49		
1.4	QPSK	3	0	19.53	19.55	19.50		
1.4	QPSK	3	1	19.49	19.40	19.47		
1.4	QPSK	3	3	19.59	19.59	19.49		
1.4	QPSK	6	0	19.50	19.46	19.56	20.5	0
1.4	16QAM	1	0	19.47	19.44	19.47	20.5	0
1.4	16QAM	1	3	19.50	19.56	19.45		
1.4	16QAM	1	5	19.48	19.53	19.56		
1.4	16QAM	3	0	19.54	19.46	19.54		
1.4	16QAM	3	1	19.51	19.49	19.46		
1.4	16QAM	3	3	19.42	19.52	19.45		
1.4	16QAM	6	0	19.45	19.50	19.48	20.5	0
1.4	64QAM	1	0	19.56	19.51	19.60	20.5	0
1.4	64QAM	1	3	19.56	19.50	19.51		
1.4	64QAM	1	5	19.60	19.55	19.52		
1.4	64QAM	3	0	19.48	19.47	19.40		
1.4	64QAM	3	1	19.51	19.52	19.60		
1.4	64QAM	3	3	19.43	19.46	19.49		
1.4	64QAM	6	0	19.46	19.58	19.50	20.5	0
1.4	256QAM	1	0	19.00	18.94	19.04	20	0.5
1.4	256QAM	1	3	18.98	18.99	19.07		
1.4	256QAM	1	5	18.92	18.98	18.99		
1.4	256QAM	3	0	19.12	19.09	19.11		
1.4	256QAM	3	1	19.08	19.08	19.07		
1.4	256QAM	3	3	19.05	19.09	19.09		
1.4	256QAM	6	0	19.03	19.00	19.07	20	0.5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	24.06	23.96	25	0
15	QPSK	1	37	23.76	23.82	23.86		
15	QPSK	1	74	23.78	23.80	23.76		
15	QPSK	36	0	22.93	22.97	22.87	24	1
15	QPSK	36	20	22.90	22.90	22.85		
15	QPSK	36	39	22.85	22.92	22.86		
15	QPSK	75	0	22.92	22.95	22.88		
15	16QAM	1	0	22.91	23.00	23.03	24	1
15	16QAM	1	37	23.07	23.39	23.34		
15	16QAM	1	74	22.98	23.02	23.28		
15	16QAM	36	0	21.94	21.88	21.86	23	2
15	16QAM	36	20	21.96	21.92	21.89		
15	16QAM	36	39	21.94	21.94	21.88		
15	16QAM	75	0	21.97	21.91	21.90		
15	64QAM	1	0	21.89	22.19	22.16	23	2
15	64QAM	1	37	22.29	21.75	22.13		
15	64QAM	1	74	22.23	22.13	21.81		
15	64QAM	36	0	20.98	20.92	20.90	22	3
15	64QAM	36	20	20.98	20.89	20.92		
15	64QAM	36	39	20.97	20.86	20.86		
15	64QAM	75	0	20.96	20.91	20.92		
15	256QAM	1	0	18.68	18.83	18.88	20	5
15	256QAM	1	37	18.88	18.89	18.90		
15	256QAM	1	74	18.84	18.88	18.75		
15	256QAM	36	0	18.75	18.65	18.68	20	5
15	256QAM	36	20	18.70	18.70	18.70		
15	256QAM	36	39	18.53	18.66	18.69		
15	256QAM	75	0	18.73	18.69	18.57		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.95	23.99	23.82	25	0
10	QPSK	1	25	23.81	23.83	23.71		
10	QPSK	1	49	23.88	23.81	23.75		
10	QPSK	25	0	22.90	22.84	22.80	24	1
10	QPSK	25	12	22.89	22.85	22.78		
10	QPSK	25	25	22.89	22.84	22.76		
10	QPSK	50	0	22.91	22.90	22.79		
10	16QAM	1	0	22.93	22.92	23.34	24	1
10	16QAM	1	25	22.88	22.84	22.89		
10	16QAM	1	49	23.03	22.99	23.32		
10	16QAM	25	0	21.89	21.77	21.77	23	2
10	16QAM	25	12	21.86	21.83	21.80		
10	16QAM	25	25	21.82	21.77	21.69		
10	16QAM	50	0	21.87	21.77	21.82		
10	64QAM	1	0	21.87	21.94	22.07	23	2
10	64QAM	1	25	21.80	22.10	22.00		
10	64QAM	1	49	21.87	22.11	21.62		
10	64QAM	25	0	20.86	20.78	20.83	22	3
10	64QAM	25	12	20.85	20.81	20.73		
10	64QAM	25	25	20.83	20.86	20.77		
10	64QAM	50	0	20.87	20.84	20.75		
10	256QAM	1	0	18.62	18.85	18.94	20	5
10	256QAM	1	25	18.98	18.86	18.98		
10	256QAM	1	49	18.84	18.77	18.68		
10	256QAM	25	0	18.70	18.60	18.55	20	5
10	256QAM	25	12	18.68	18.77	18.57		
10	256QAM	25	25	18.40	18.61	18.60		
10	256QAM	50	0	18.59	18.71	18.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.99	23.84	23.95	25	0
5	QPSK	1	12	24.00	23.98	23.81		
5	QPSK	1	24	23.91	23.82	23.87		
5	QPSK	12	0	22.85	22.80	22.79	24	1
5	QPSK	12	7	22.91	22.87	22.83		
5	QPSK	12	13	22.90	22.87	22.77		
5	QPSK	25	0	22.91	22.83	22.84		
5	16QAM	1	0	22.86	23.17	23.14	24	1
5	16QAM	1	12	22.98	22.88	23.28		
5	16QAM	1	24	22.98	23.31	23.12		
5	16QAM	12	0	21.89	21.84	21.82	23	2
5	16QAM	12	7	21.94	21.84	21.85		
5	16QAM	12	13	21.90	21.79	21.79		
5	16QAM	25	0	21.92	21.77	21.79		
5	64QAM	1	0	21.83	22.15	22.08	23	2
5	64QAM	1	12	21.88	22.14	22.11		
5	64QAM	1	24	21.86	22.15	22.08		
5	64QAM	12	0	20.83	20.86	20.88	22	3
5	64QAM	12	7	20.90	20.84	20.86		
5	64QAM	12	13	20.88	20.83	20.87		
5	64QAM	25	0	20.88	20.83	20.77		
5	256QAM	1	0	18.65	18.91	18.81	20	5
5	256QAM	1	12	18.97	18.78	18.78		
5	256QAM	1	24	18.94	18.95	18.79		
5	256QAM	12	0	18.61	18.51	18.68	20	5
5	256QAM	12	7	18.70	18.78	18.66		
5	256QAM	12	13	18.60	18.55	18.69		
5	256QAM	25	0	18.81	18.65	18.60		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.85	23.99	23.87	25	0
3	QPSK	1	8	23.71	23.73	23.71		
3	QPSK	1	14	23.66	23.80	23.74		
3	QPSK	8	0	22.73	22.89	22.79	24	1
3	QPSK	8	4	22.78	22.90	22.73		
3	QPSK	8	7	22.71	22.82	22.80		
3	QPSK	15	0	22.77	22.87	22.81		
3	16QAM	1	0	22.78	23.00	22.84	24	1
3	16QAM	1	8	23.07	23.23	23.28		
3	16QAM	1	14	22.89	23.01	23.11		
3	16QAM	8	0	21.90	21.80	21.67	23	2
3	16QAM	8	4	21.95	21.81	21.71		
3	16QAM	8	7	21.82	21.84	21.87		
3	16QAM	15	0	21.85	21.85	21.74		
3	64QAM	1	0	21.84	22.13	22.06	23	2
3	64QAM	1	8	22.17	21.60	21.94		
3	64QAM	1	14	22.12	22.12	21.80		
3	64QAM	8	0	20.97	20.78	20.77	22	3
3	64QAM	8	4	20.83	20.86	20.76		
3	64QAM	8	7	20.89	20.85	20.69		
3	64QAM	15	0	20.90	20.71	20.87		
3	256QAM	1	0	18.53	18.81	18.78	20	5
3	256QAM	1	8	18.91	18.81	18.83		
3	256QAM	1	14	18.78	18.73	18.77		
3	256QAM	8	0	18.60	18.66	18.64	20	5
3	256QAM	8	4	18.59	18.70	18.65		
3	256QAM	8	7	18.55	18.72	18.54		
3	256QAM	15	0	18.77	18.66	18.42		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.93	23.86	23.88	25	0
1.4	QPSK	1	3	23.97	23.83	23.79		
1.4	QPSK	1	5	23.93	23.82	23.77		
1.4	QPSK	3	0	23.83	23.85	23.69		
1.4	QPSK	3	1	23.85	23.84	23.69		
1.4	QPSK	3	3	23.78	23.76	23.74		
1.4	QPSK	6	0	22.81	22.83	22.75	24	1
1.4	16QAM	1	0	22.97	22.89	23.27	24	1
1.4	16QAM	1	3	22.92	22.74	22.85		
1.4	16QAM	1	5	22.73	22.76	22.66		
1.4	16QAM	3	0	22.83	22.80	22.80		
1.4	16QAM	3	1	22.82	22.62	22.77		
1.4	16QAM	3	3	22.86	22.87	22.72		
1.4	16QAM	6	0	21.79	21.89	21.76	23	2
1.4	64QAM	1	0	22.08	22.09	22.05	23	2
1.4	64QAM	1	3	22.09	21.63	22.05		
1.4	64QAM	1	5	22.08	22.09	21.82		
1.4	64QAM	3	0	21.86	21.96	22.02		
1.4	64QAM	3	1	21.65	21.91	21.88		
1.4	64QAM	3	3	22.00	21.88	21.94		
1.4	64QAM	6	0	20.78	20.73	20.72	22	3
1.4	256QAM	1	0	18.55	18.88	18.98	20	5
1.4	256QAM	1	3	18.85	18.96	18.81		
1.4	256QAM	1	5	18.74	18.89	18.78		
1.4	256QAM	3	0	18.69	18.65	18.56		
1.4	256QAM	3	1	18.65	18.73	18.58		
1.4	256QAM	3	3	18.40	18.59	18.55		
1.4	256QAM	6	0	18.68	18.55	18.52	20	5

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.98		16	0
10	QPSK	1	25		14.94			
10	QPSK	1	49		14.90			
10	QPSK	25	0		14.88		16	0
10	QPSK	25	12		14.85			
10	QPSK	25	25		14.80			
10	QPSK	50	0		14.80			
10	16QAM	1	0		14.79		16	0
10	16QAM	1	25		14.83			
10	16QAM	1	49		14.85			
10	16QAM	25	0		14.82		16	0
10	16QAM	25	12		14.86			
10	16QAM	25	25		14.84			
10	16QAM	50	0		14.83			
10	64QAM	1	0		14.79		16	0
10	64QAM	1	25		14.78			
10	64QAM	1	49		14.87			
10	64QAM	25	0		14.87		16	0
10	64QAM	25	12		14.81			
10	64QAM	25	25		14.85			
10	64QAM	50	0		14.82			
10	256QAM	1	0		14.81		16	0
10	256QAM	1	25		14.86			
10	256QAM	1	49		14.81			
10	256QAM	25	0		14.82		16	0
10	256QAM	25	12		14.85			
10	256QAM	25	25		14.78			
10	256QAM	50	0		14.83			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.85	14.93	14.84	16	0
5	QPSK	1	12	14.79	14.81	14.81		
5	QPSK	1	24	14.82	14.87	14.76		
5	QPSK	12	0	14.82	14.85	14.79	16	0
5	QPSK	12	7	14.74	14.71	14.81		
5	QPSK	12	13	14.65	14.67	14.68		
5	QPSK	25	0	14.78	14.67	14.74		
5	16QAM	1	0	14.68	14.73	14.65	16	0
5	16QAM	1	12	14.69	14.72	14.75		
5	16QAM	1	24	14.74	14.84	14.84		
5	16QAM	12	0	14.69	14.79	14.77	16	0
5	16QAM	12	7	14.74	14.79	14.84		
5	16QAM	12	13	14.70	14.71	14.82		
5	16QAM	25	0	14.75	14.75	14.71		
5	64QAM	1	0	14.68	14.73	14.76	16	0
5	64QAM	1	12	14.77	14.70	14.69		
5	64QAM	1	24	14.78	14.80	14.84		
5	64QAM	12	0	14.82	14.76	14.75	16	0
5	64QAM	12	7	14.67	14.66	14.80		
5	64QAM	12	13	14.82	14.74	14.70		
5	64QAM	25	0	14.72	14.76	14.71		
5	256QAM	1	0	14.71	14.73	14.77	16	0
5	256QAM	1	12	14.72	14.74	14.81		
5	256QAM	1	24	14.71	14.77	14.71		
5	256QAM	12	0	14.67	14.77	14.70	16	0
5	256QAM	12	7	14.72	14.71	14.70		
5	256QAM	12	13	14.63	14.63	14.71		
5	256QAM	25	0	14.77	14.70	14.68		

22.82

Band 66_Ant 3

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	19.11	19.21	19.02	20.5	0
20	QPSK	1	49	19.09	19.11	18.92		
20	QPSK	1	99	19.09	19.20	19.00		
20	QPSK	50	0	19.01	19.11	18.94	20.5	0
20	QPSK	50	24	18.95	19.03	18.91		
20	QPSK	50	50	18.92	19.03	18.90		
20	QPSK	100	0	18.94	19.10	18.84		
20	16QAM	1	0	18.95	19.05	18.89	20.5	0
20	16QAM	1	49	18.98	19.06	18.93		
20	16QAM	1	99	18.95	19.02	18.89		
20	16QAM	50	0	18.97	19.10	18.85	20.5	0
20	16QAM	50	24	18.93	19.09	18.85		
20	16QAM	50	50	18.98	19.03	18.89		
20	16QAM	100	0	18.91	19.05	18.85		
20	64QAM	1	0	18.98	19.09	18.91	20.5	0
20	64QAM	1	49	18.92	19.02	18.87		
20	64QAM	1	99	18.92	19.01	18.90		
20	64QAM	50	0	18.99	19.05	18.86	20.5	0
20	64QAM	50	24	18.99	19.01	18.84		
20	64QAM	50	50	19.00	19.02	18.90		
20	64QAM	100	0	18.93	19.06	18.87		
20	256QAM	1	0	18.41	18.53	18.39	20	0.5
20	256QAM	1	49	18.48	18.52	18.36		
20	256QAM	1	99	18.49	18.52	18.42		
20	256QAM	50	0	18.46	18.57	18.43	20	0.5
20	256QAM	50	24	18.48	18.52	18.36		
20	256QAM	50	50	18.44	18.60	18.43		
20	256QAM	100	0	18.43	18.54	18.41		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.12	19.20	19.19	20.5	0
15	QPSK	1	37	19.04	18.98	19.01		
15	QPSK	1	74	19.11	19.14	19.08		
15	QPSK	36	0	19.01	18.98	18.97	20.5	0
15	QPSK	36	20	18.96	18.98	19.01		
15	QPSK	36	39	18.90	19.00	18.91		
15	QPSK	75	0	18.97	19.02	18.97		
15	16QAM	1	0	18.94	18.97	18.93	20.5	0
15	16QAM	1	37	18.98	18.94	18.99		
15	16QAM	1	74	18.96	18.89	18.97		
15	16QAM	36	0	18.99	19.06	18.95	20.5	0
15	16QAM	36	20	19.01	19.06	19.08		
15	16QAM	36	39	18.97	18.93	19.00		
15	16QAM	75	0	18.91	18.99	18.96		
15	64QAM	1	0	19.02	19.06	18.97	20.5	0
15	64QAM	1	37	18.90	18.87	18.99		
15	64QAM	1	74	18.96	18.91	18.99		
15	64QAM	36	0	18.97	18.96	18.92	20.5	0
15	64QAM	36	20	18.94	18.87	18.93		
15	64QAM	36	39	18.95	18.87	19.01		
15	64QAM	75	0	18.98	19.02	19.05		
15	256QAM	1	0	18.47	18.41	18.49	20	0.5
15	256QAM	1	37	18.41	18.42	18.46		
15	256QAM	1	74	18.40	18.51	18.45		
15	256QAM	36	0	18.44	18.43	18.46	20	0.5
15	256QAM	36	20	18.38	18.48	18.45		
15	256QAM	36	39	18.56	18.52	18.56		
15	256QAM	75	0	18.52	18.41	18.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.14	19.08	19.17	20.5	0
10	QPSK	1	25	19.08	19.00	19.06		
10	QPSK	1	49	19.08	19.10	19.13		
10	QPSK	25	0	19.00	18.99	18.98	20.5	0
10	QPSK	25	12	18.95	18.97	18.99		
10	QPSK	25	25	19.01	19.01	18.92		
10	QPSK	50	0	18.95	19.00	19.02		
10	16QAM	1	0	19.03	18.91	18.96	20.5	0
10	16QAM	1	25	19.04	18.95	18.99		
10	16QAM	1	49	18.97	18.98	18.91		
10	16QAM	25	0	19.02	19.02	18.98	20.5	0
10	16QAM	25	12	18.94	18.96	19.08		
10	16QAM	25	25	18.89	18.97	18.89		
10	16QAM	50	0	18.95	19.04	18.96		
10	64QAM	1	0	19.05	18.95	18.94	20.5	0
10	64QAM	1	25	18.88	18.87	18.94		
10	64QAM	1	49	18.92	18.94	18.95		
10	64QAM	25	0	18.95	18.95	19.00	20.5	0
10	64QAM	25	12	18.92	18.93	18.91		
10	64QAM	25	25	18.92	18.94	18.95		
10	64QAM	50	0	18.91	19.01	18.91		
10	256QAM	1	0	18.42	18.43	18.50	20	0.5
10	256QAM	1	25	18.39	18.39	18.44		
10	256QAM	1	49	18.45	18.47	18.48		
10	256QAM	25	0	18.50	18.51	18.49	20	0.5
10	256QAM	25	12	18.39	18.40	18.38		
10	256QAM	25	25	18.58	18.56	18.55		
10	256QAM	50	0	18.39	18.42	18.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.07	19.13	19.09	20.5	0
5	QPSK	1	12	19.00	18.96	19.06		
5	QPSK	1	24	19.13	19.08	19.12		
5	QPSK	12	0	19.00	18.96	19.07	20.5	0
5	QPSK	12	7	18.92	18.93	18.98		
5	QPSK	12	13	18.91	18.93	18.94		
5	QPSK	25	0	18.97	19.07	18.95		
5	16QAM	1	0	19.01	19.01	18.90	20.5	0
5	16QAM	1	12	18.98	19.05	18.91		
5	16QAM	1	24	18.93	18.97	19.01		
5	16QAM	12	0	19.08	19.00	19.06	20.5	0
5	16QAM	12	7	19.04	19.05	19.03		
5	16QAM	12	13	18.99	19.00	18.98		
5	16QAM	25	0	18.90	19.04	18.91		
5	64QAM	1	0	19.06	19.03	19.06	20.5	0
5	64QAM	1	12	18.99	18.97	18.90		
5	64QAM	1	24	19.00	18.94	18.91		
5	64QAM	12	0	19.00	18.90	18.94	20.5	0
5	64QAM	12	7	18.86	18.89	18.97		
5	64QAM	12	13	19.01	18.95	19.01		
5	64QAM	25	0	18.91	18.99	18.91		
5	256QAM	1	0	18.43	18.43	18.38	20	0.5
5	256QAM	1	12	18.42	18.39	18.50		
5	256QAM	1	24	18.37	18.42	18.43		
5	256QAM	12	0	18.48	18.50	18.50	20	0.5
5	256QAM	12	7	18.45	18.46	18.48		
5	256QAM	12	13	18.59	18.55	18.56		
5	256QAM	25	0	18.44	18.53	18.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.15	19.10	19.16	20.5	0
3	QPSK	1	8	19.09	19.01	19.08		
3	QPSK	1	14	19.11	19.14	19.15		
3	QPSK	8	0	19.02	18.97	18.96	20.5	0
3	QPSK	8	4	19.02	18.99	18.91		
3	QPSK	8	7	18.95	18.95	18.96		
3	QPSK	15	0	18.99	19.03	19.09		
3	16QAM	1	0	18.99	18.90	18.91	20.5	0
3	16QAM	1	8	18.93	19.00	18.92		
3	16QAM	1	14	18.92	18.90	18.99		
3	16QAM	8	0	19.09	18.99	18.96	20.5	0
3	16QAM	8	4	18.94	19.01	18.97		
3	16QAM	8	7	18.99	18.89	18.99		
3	16QAM	15	0	19.03	19.00	18.92		
3	64QAM	1	0	18.99	19.05	19.00	20.5	0
3	64QAM	1	8	18.99	18.89	18.99		
3	64QAM	1	14	18.91	18.94	18.93		
3	64QAM	8	0	18.92	18.98	19.03	20.5	0
3	64QAM	8	4	18.90	18.90	18.90		
3	64QAM	8	7	18.87	19.01	19.00		
3	64QAM	15	0	18.96	18.92	18.94		
3	256QAM	1	0	18.48	18.51	18.45	20	0.5
3	256QAM	1	8	18.41	18.44	18.49		
3	256QAM	1	14	18.50	18.50	18.42		
3	256QAM	8	0	18.46	18.53	18.50	20	0.5
3	256QAM	8	4	18.44	18.37	18.50		
3	256QAM	8	7	18.47	18.55	18.46		
3	256QAM	15	0	18.39	18.49	18.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.06	19.07	19.13	20.5	0
1.4	QPSK	1	3	19.03	19.04	18.96		
1.4	QPSK	1	5	19.15	19.06	19.08		
1.4	QPSK	3	0	18.97	19.01	19.10		
1.4	QPSK	3	1	18.99	19.00	18.95		
1.4	QPSK	3	3	19.02	18.88	18.94		
1.4	QPSK	6	0	18.99	19.08	19.07	20.5	0
1.4	16QAM	1	0	18.93	19.01	18.95	20.5	0
1.4	16QAM	1	3	19.03	18.95	19.04		
1.4	16QAM	1	5	18.97	18.98	18.89		
1.4	16QAM	3	0	19.04	18.97	19.07		
1.4	16QAM	3	1	19.07	19.06	18.95		
1.4	16QAM	3	3	19.01	18.89	18.90		
1.4	16QAM	6	0	19.04	18.90	19.03	20.5	0
1.4	64QAM	1	0	18.99	19.01	19.02	20.5	0
1.4	64QAM	1	3	19.01	18.87	18.95		
1.4	64QAM	1	5	18.94	18.92	18.90		
1.4	64QAM	3	0	18.97	18.94	18.96		
1.4	64QAM	3	1	18.99	18.92	18.92		
1.4	64QAM	3	3	18.88	18.87	18.92		
1.4	64QAM	6	0	18.94	18.99	18.93	20.5	0
1.4	256QAM	1	0	18.46	18.51	18.51	20	0.5
1.4	256QAM	1	3	18.41	18.43	18.42		
1.4	256QAM	1	5	18.40	18.46	18.48		
1.4	256QAM	3	0	18.48	18.46	18.54		
1.4	256QAM	3	1	18.47	18.46	18.43		
1.4	256QAM	3	3	18.54	18.53	18.47		
1.4	256QAM	6	0	18.39	18.50	18.44	20	0.5

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.87	23.92	23.85	25	0
20	QPSK	1	49	23.81	23.87	23.76		
20	QPSK	1	99	23.76	23.82	23.77		
20	QPSK	50	0	22.79	22.92	22.78	24	1
20	QPSK	50	24	22.77	22.79	22.74		
20	QPSK	50	50	22.74	22.77	22.70		
20	QPSK	100	0	22.82	22.89	22.74		
20	16QAM	1	0	22.85	22.99	22.96	24	1
20	16QAM	1	49	22.80	22.85	22.74		
20	16QAM	1	99	22.92	22.97	22.90		
20	16QAM	50	0	21.80	21.84	21.79	23	2
20	16QAM	50	24	21.78	21.79	21.76		
20	16QAM	50	50	21.74	21.82	21.79		
20	16QAM	100	0	21.81	21.82	21.76		
20	64QAM	1	0	21.23	21.32	21.27	23	2
20	64QAM	1	49	21.14	21.18	21.09		
20	64QAM	1	99	21.15	21.21	21.10		
20	64QAM	50	0	20.97	20.99	20.88	22	3
20	64QAM	50	24	20.72	20.86	20.82		
20	64QAM	50	50	20.84	20.86	20.83		
20	64QAM	100	0	20.76	20.90	20.78		
20	256QAM	1	0	18.83	18.97	18.84	20	5
20	256QAM	1	49	18.95	18.95	18.93		
20	256QAM	1	99	18.98	19.02	18.91		
20	256QAM	50	0	18.73	18.87	18.79	20	5
20	256QAM	50	24	18.75	18.84	18.74		
20	256QAM	50	50	18.85	18.85	18.90		
20	256QAM	100	0	18.92	18.86	18.92		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.79	23.68	25	0
15	QPSK	1	37	23.71	23.85	23.63		
15	QPSK	1	74	23.62	23.70	23.72		
15	QPSK	36	0	22.64	22.85	22.61	24	1
15	QPSK	36	20	22.73	22.67	22.71		
15	QPSK	36	39	22.56	22.68	22.50		
15	QPSK	75	0	22.81	22.70	22.69		
15	16QAM	1	0	22.74	22.85	22.86	24	1
15	16QAM	1	37	22.64	22.73	22.72		
15	16QAM	1	74	22.88	22.92	22.74		
15	16QAM	36	0	21.71	21.67	21.71	23	2
15	16QAM	36	20	21.72	21.74	21.66		
15	16QAM	36	39	21.56	21.65	21.76		
15	16QAM	75	0	21.62	21.80	21.68		
15	64QAM	1	0	21.16	21.26	21.25	23	2
15	64QAM	1	37	21.09	21.12	21.17		
15	64QAM	1	74	21.19	21.20	21.10		
15	64QAM	36	0	20.95	20.80	20.88	22	3
15	64QAM	36	20	20.54	20.67	20.77		
15	64QAM	36	39	20.70	20.83	20.69		
15	64QAM	75	0	20.61	20.87	20.68		
15	256QAM	1	0	18.82	18.83	18.76	20	5
15	256QAM	1	37	18.96	18.96	18.81		
15	256QAM	1	74	19.02	19.07	18.96		
15	256QAM	36	0	18.67	18.95	18.69	20	5
15	256QAM	36	20	18.61	18.75	18.65		
15	256QAM	36	39	18.73	18.79	18.83		
15	256QAM	75	0	18.98	18.77	18.77		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.74	23.90	23.70	25	0
10	QPSK	1	25	23.61	23.87	23.63		
10	QPSK	1	49	23.68	23.77	23.77		
10	QPSK	25	0	22.65	22.80	22.70	24	1
10	QPSK	25	12	22.71	22.62	22.65		
10	QPSK	25	25	22.60	22.58	22.56		
10	QPSK	50	0	22.77	22.83	22.67		
10	16QAM	1	0	22.81	22.90	22.91	24	1
10	16QAM	1	25	22.72	22.81	22.70		
10	16QAM	1	49	22.91	22.78	22.87		
10	16QAM	25	0	21.70	21.76	21.73	23	2
10	16QAM	25	12	21.63	21.64	21.70		
10	16QAM	25	25	21.65	21.66	21.75		
10	16QAM	50	0	21.69	21.75	21.75		
10	64QAM	1	0	21.15	21.13	21.15	23	2
10	64QAM	1	25	21.05	21.16	21.05		
10	64QAM	1	49	21.04	21.21	21.11		
10	64QAM	25	0	20.90	20.87	20.78	22	3
10	64QAM	25	12	20.67	20.69	20.67		
10	64QAM	25	25	20.76	20.69	20.67		
10	64QAM	50	0	20.58	20.85	20.78		
10	256QAM	1	0	18.84	19.03	18.87	20	5
10	256QAM	1	25	18.88	19.05	18.87		
10	256QAM	1	49	18.86	19.11	18.76		
10	256QAM	25	0	18.59	18.95	18.81	20	5
10	256QAM	25	12	18.62	18.88	18.77		
10	256QAM	25	25	18.89	18.77	18.77		
10	256QAM	50	0	18.95	18.88	18.82		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.73	23.72	23.69	25	0
5	QPSK	1	12	23.75	23.85	23.59		
5	QPSK	1	24	23.73	23.77	23.69		
5	QPSK	12	0	22.59	22.84	22.78	24	1
5	QPSK	12	7	22.65	22.70	22.57		
5	QPSK	12	13	22.65	22.77	22.51		
5	QPSK	25	0	22.69	22.82	22.69		
5	16QAM	1	0	22.79	22.95	22.95	24	1
5	16QAM	1	12	22.77	22.76	22.71		
5	16QAM	1	24	22.78	22.81	22.76		
5	16QAM	12	0	21.76	21.65	21.75	23	2
5	16QAM	12	7	21.63	21.72	21.56		
5	16QAM	12	13	21.70	21.63	21.74		
5	16QAM	25	0	21.78	21.80	21.66		
5	64QAM	1	0	21.06	21.24	21.21	23	2
5	64QAM	1	12	21.09	21.08	21.14		
5	64QAM	1	24	21.14	21.19	21.09		
5	64QAM	12	0	20.82	20.86	20.79	22	3
5	64QAM	12	7	20.60	20.83	20.74		
5	64QAM	12	13	20.68	20.68	20.66		
5	64QAM	25	0	20.57	20.83	20.63		
5	256QAM	1	0	18.85	19.04	18.88	20	5
5	256QAM	1	12	18.84	19.03	18.93		
5	256QAM	1	24	18.99	19.03	18.93		
5	256QAM	12	0	18.70	18.74	18.66	20	5
5	256QAM	12	7	18.70	18.89	18.68		
5	256QAM	12	13	18.84	18.95	18.99		
5	256QAM	25	0	18.83	18.84	18.87		

Band 48_Ant 4

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	21.88	22.03	22.47	22.38	23	0
20	QPSK	1	49	21.80	21.95	22.45	22.30		
20	QPSK	1	99	21.86	21.96	22.42	22.37		
20	QPSK	50	0	21.79	22.00	22.37	22.36	23	0
20	QPSK	50	24	21.77	21.95	22.32	22.27		
20	QPSK	50	50	21.70	21.93	22.31	22.27		
20	QPSK	100	0	21.69	21.90	22.33	22.30		
20	16QAM	1	0	21.73	21.98	22.33	22.34	23	0
20	16QAM	1	49	21.77	21.98	22.32	22.35		
20	16QAM	1	99	21.71	21.92	22.28	22.34		
20	16QAM	50	0	20.74	20.93	21.30	21.33	22	1
20	16QAM	50	24	20.75	20.99	21.34	21.29		
20	16QAM	50	50	20.72	20.97	21.36	21.27		
20	16QAM	100	0	20.73	20.91	21.31	21.32		
20	64QAM	1	0	20.75	20.95	21.36	21.26	22	1
20	64QAM	1	49	20.72	20.99	21.34	21.26		
20	64QAM	1	99	20.69	20.93	21.31	21.35		
20	64QAM	50	0	19.73	19.95	20.30	20.30	21	2
20	64QAM	50	24	19.71	19.94	20.34	20.31		
20	64QAM	50	50	19.69	19.99	20.28	20.29		
20	64QAM	100	0	19.69	19.90	20.27	20.28		
20	256QAM	1	0	17.77	17.91	18.27	18.32	19	4
20	256QAM	1	49	17.71	17.99	18.36	18.26		
20	256QAM	1	99	17.75	17.96	18.29	18.35		
20	256QAM	50	0	17.73	17.90	18.28	18.32	19	4
20	256QAM	50	24	17.78	17.91	18.27	18.33		
20	256QAM	50	50	17.78	17.93	18.31	18.29		
20	256QAM	100	0	17.70	17.98	18.27	18.35		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.07	22.04	22.41	22.38	23	0
15	QPSK	1	37	22.01	21.87	22.31	22.36		
15	QPSK	1	74	21.96	22.02	22.34	22.27		
15	QPSK	36	0	21.97	21.99	22.34	22.35	23	0
15	QPSK	36	20	21.92	21.98	22.20	22.30		
15	QPSK	36	39	21.96	21.98	22.30	22.23		
15	QPSK	75	0	21.89	21.99	22.30	22.27		
15	16QAM	1	0	21.89	21.86	22.19	22.19	23	0
15	16QAM	1	37	22.01	22.03	22.29	22.21		
15	16QAM	1	74	21.92	21.96	22.27	22.26		
15	16QAM	36	0	20.85	20.94	21.18	21.26	22	1
15	16QAM	36	20	20.93	21.03	21.27	21.29		
15	16QAM	36	39	20.95	20.95	21.27	21.29		
15	16QAM	75	0	20.95	20.87	21.22	21.17		
15	64QAM	1	0	20.90	21.01	21.29	21.23	22	1
15	64QAM	1	37	20.89	20.94	21.33	21.24		
15	64QAM	1	74	20.94	20.90	21.28	21.26		
15	64QAM	36	0	19.91	19.91	20.17	20.19	21	2
15	64QAM	36	20	19.94	19.99	20.32	20.22		
15	64QAM	36	39	20.02	20.03	20.26	20.15		
15	64QAM	75	0	19.92	19.87	20.12	20.21		
15	256QAM	1	0	17.94	17.94	18.21	18.24	19	4
15	256QAM	1	37	17.95	17.98	18.27	18.25		
15	256QAM	1	74	18.00	17.95	18.24	18.26		
15	256QAM	36	0	17.95	17.92	18.18	18.26	19	4
15	256QAM	36	20	17.98	17.98	18.26	18.12		
15	256QAM	36	39	17.93	17.92	18.18	18.16		
15	256QAM	75	0	18.03	18.03	18.20	18.26		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	21.95	22.41	22.35	23	0
10	QPSK	1	25	22.01	22.01	22.43	22.39		
10	QPSK	1	49	21.97	21.89	22.39	22.38		
10	QPSK	25	0	21.99	21.97	22.33	22.26	23	0
10	QPSK	25	12	22.01	21.96	22.28	22.24		
10	QPSK	25	25	21.93	21.91	22.22	22.19		
10	QPSK	50	0	21.95	21.91	22.23	22.18		
10	16QAM	1	0	21.98	21.84	22.29	22.18	23	0
10	16QAM	1	25	21.90	21.92	22.29	22.30		
10	16QAM	1	49	21.87	21.83	22.21	22.16		
10	16QAM	25	0	20.93	20.92	21.22	21.25	22	1
10	16QAM	25	12	21.03	21.03	21.23	21.25		
10	16QAM	25	25	20.91	20.93	21.31	21.27		
10	16QAM	50	0	20.92	20.89	21.26	21.20		
10	64QAM	1	0	20.92	20.96	21.24	21.28	22	1
10	64QAM	1	25	20.90	20.94	21.31	21.30		
10	64QAM	1	49	20.84	20.87	21.24	21.30		
10	64QAM	25	0	19.82	19.90	20.21	20.22	21	2
10	64QAM	25	12	19.86	19.97	20.26	20.32		
10	64QAM	25	25	19.92	19.97	20.25	20.24		
10	64QAM	50	0	19.95	19.98	20.17	20.16		
10	256QAM	1	0	17.92	17.88	18.12	18.16	19	4
10	256QAM	1	25	17.97	18.01	18.34	18.24		
10	256QAM	1	49	17.89	17.92	18.20	18.20		
10	256QAM	25	0	17.89	17.95	18.24	18.23	19	4
10	256QAM	25	12	17.88	17.95	18.19	18.19		
10	256QAM	25	25	17.89	17.96	18.30	18.19		
10	256QAM	50	0	18.03	17.89	18.23	18.26		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.09	22.02	22.41	22.32	23	0
5	QPSK	1	12	21.94	21.93	22.42	22.30		
5	QPSK	1	24	21.99	21.91	22.28	22.37		
5	QPSK	12	0	22.02	21.97	22.29	22.26	23	0
5	QPSK	12	7	21.90	22.03	22.27	22.22		
5	QPSK	12	13	21.92	21.91	22.22	22.23		
5	QPSK	25	0	21.95	21.94	22.18	22.30		
5	16QAM	1	0	21.96	21.88	22.24	22.20	23	0
5	16QAM	1	12	21.98	21.97	22.25	22.20		
5	16QAM	1	24	21.86	21.89	22.19	22.23		
5	16QAM	12	0	20.84	20.94	21.22	21.25	22	1
5	16QAM	12	7	20.92	21.01	21.25	21.24		
5	16QAM	12	13	20.88	21.02	21.28	21.25		
5	16QAM	25	0	20.91	21.00	21.18	21.18		
5	64QAM	1	0	20.96	21.00	21.31	21.32	22	1
5	64QAM	1	12	20.89	20.96	21.19	21.26		
5	64QAM	1	24	20.92	20.88	21.23	21.17		
5	64QAM	12	0	19.86	19.86	20.18	20.24	21	2
5	64QAM	12	7	19.92	19.90	20.30	20.24		
5	64QAM	12	13	19.97	20.00	20.22	20.20		
5	64QAM	25	0	19.89	19.84	20.19	20.19		
5	256QAM	1	0	17.85	17.94	18.19	18.19	19	4
5	256QAM	1	12	17.94	17.99	18.29	18.26		
5	256QAM	1	24	18.00	17.92	18.14	18.25		
5	256QAM	12	0	17.94	17.94	18.15	18.18	19	4
5	256QAM	12	7	17.93	18.01	18.18	18.12		
5	256QAM	12	13	17.83	17.83	18.16	18.16		
5	256QAM	25	0	17.90	18.01	18.19	18.21		

Full & Default Power

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.69	23.71	23.63	25.0	0.0
40	PI/2 BPSK	1	108	23.47	23.54	23.50		
40	PI/2 BPSK	1	214	23.51	23.66	23.60		
40	PI/2 BPSK	108	0	23.02	23.17	23.14	24.5	0.5
40	PI/2 BPSK	108	54	23.86	23.68	23.55	25.0	0.0
40	PI/2 BPSK	108	108	23.13	23.22	23.08	24.5	0.5
40	PI/2 BPSK	216	0	23.21	23.24	23.10		
40	QPSK	1	1	23.89	23.74	23.63	25.0	0.0
40	QPSK	1	108	23.59	23.64	23.62		
40	QPSK	1	214	23.51	23.63	23.49		
40	QPSK	108	0	22.57	22.64	22.61	24.0	1.0
40	QPSK	108	54	23.58	23.69	23.52	25.0	0.0
40	QPSK	108	108	22.63	22.70	22.58	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.58		
40	16QAM	1	1	22.46	22.31	22.35	24.0	1.0
40	64QAM	1	1	21.00	20.96	20.91	22.5	2.5
40	256QAM	1	1	19.56	19.41	19.38	20.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.67	23.54	23.53	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.55	23.56	23.61	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.62	23.53	23.48	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.66	23.59	23.52	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.61	23.52	23.57	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.54	23.49	23.55	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.60	23.48	23.55	25.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.76		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166500	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n7_Ant 3

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				505000	507500	509500		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.16	22.39	22.17	24.0	0.0
50	PI/2 BPSK	1	135	22.23	22.40	22.24		
50	PI/2 BPSK	1	268	22.12	22.35	22.24		
50	PI/2 BPSK	135	0	21.77	22.00	21.80	23.5	0.5
50	PI/2 BPSK	135	68	22.21	22.43	22.19	24.0	0.0
50	PI/2 BPSK	135	135	21.68	21.87	21.69	23.5	0.5
50	PI/2 BPSK	270	0	21.64	21.87	21.67		
50	QPSK	1	1	22.33	22.52	22.42	24.0	0.0
50	QPSK	1	135	22.12	22.43	22.27		
50	QPSK	1	268	22.22	22.43	22.19		
50	QPSK	135	0	21.34	21.38	21.26	23.0	1.0
50	QPSK	135	68	22.28	22.39	22.25	24.0	0.0
50	QPSK	135	135	21.22	21.31	21.21	23.0	1.0
50	QPSK	270	0	21.21	21.26	21.15		
50	16QAM	1	1	21.12	21.22	21.17	23.0	1.0
50	64QAM	1	1	19.61	19.62	19.51	21.5	2.5
50	256QAM	1	1	18.18	18.21	18.08	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.18	22.45	22.36	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.22	22.47	22.41	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.30	22.42	22.30	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.20	22.45	22.38	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.31	22.43	22.32	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.32	22.51	22.37	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.18	22.40	22.38	24.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.54	23.61	23.50	25.0	0.0
40	PI/2 BPSK	1	108	23.48	23.58	23.47		
40	PI/2 BPSK	1	214	23.48	23.60	23.58		
40	PI/2 BPSK	108	0	22.98	23.11	22.99	24.5	0.5
40	PI/2 BPSK	108	54	23.42	23.45	23.40	25.0	0.0
40	PI/2 BPSK	108	108	23.05	23.10	22.95	24.5	0.5
40	PI/2 BPSK	216	0	23.04	23.14	23.11		
40	QPSK	1	1	23.58	23.62	23.52	25.0	0.0
40	QPSK	1	108	23.47	23.52	23.48		
40	QPSK	1	214	23.51	23.56	23.48		
40	QPSK	108	0	22.55	22.55	22.40	24.0	1.0
40	QPSK	108	54	23.52	23.57	23.42	25.0	0.0
40	QPSK	108	108	22.58	22.59	22.45	24.0	1.0
40	QPSK	216	0	22.56	22.61	22.56		
40	16QAM	1	1	22.31	22.20	22.22	24.0	1.0
40	64QAM	1	1	20.82	20.71	20.74	22.5	2.5
40	256QAM	1	1	19.52	19.33	19.32	20.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.49	23.42	23.48	25.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.47	23.45	23.38	25.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.46	23.39	23.40	25.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.45	23.36	23.33	25.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.52	23.36	23.38	25.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.45	23.38	23.34	25.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.37	23.35	25.0	0.0

n30_Ant 3

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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.71		24.0	0.0
10	PI/2 BPSK	1	26		23.64			
10	PI/2 BPSK	1	50		23.65			
10	PI/2 BPSK	25	0		23.18		23.5	0.5
10	PI/2 BPSK	25	14		23.64		24.0	0.0
10	PI/2 BPSK	25	27		23.08		23.5	0.5
10	PI/2 BPSK	50	0		23.15			
10	QPSK	1	1		23.78		24.0	0.0
10	QPSK	1	26		23.66			
10	QPSK	1	50		23.60			
10	QPSK	25	0		22.58		23.0	1.0
10	QPSK	25	14		23.54		24.0	0.0
10	QPSK	25	27		22.55		23.0	1.0
10	QPSK	50	0		22.56			
10	16QAM	1	1		22.30		23.0	1.0
10	64QAM	1	1		20.77		21.5	2.5
10	256QAM	1	1		19.38		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.57	23.70	23.64	24.0	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.30	24.83	24.66	25.0	0.0
45	PI/2 BPSK	1	122	24.31	24.73	24.63		
45	PI/2 BPSK	1	243	23.93	24.31	24.13		
45	PI/2 BPSK	120	0	23.78	24.22	24.05	24.5	0.5
45	PI/2 BPSK	120	60	24.05	24.44	24.28	25.0	0.0
45	PI/2 BPSK	120	122	24.07	24.42	24.17	24.5	0.5
45	PI/2 BPSK	243	0	24.01	24.41	24.31		
45	QPSK	1	1	24.45	24.87	24.85	25.0	0.0
45	QPSK	1	122	24.38	24.79	24.59		
45	QPSK	1	243	23.42	23.79	23.62		
45	QPSK	120	0	23.25	23.67	23.44	24.0	1.0
45	QPSK	120	60	24.41	24.81	24.58	25.0	0.0
45	QPSK	120	122	23.49	23.90	23.74	24.0	1.0
45	QPSK	243	0	23.48	23.88	23.69		
45	16QAM	1	1	22.97	23.19	23.31	24.0	1.0
45	64QAM	1	1	21.48	21.72	21.82	22.5	2.5
45	256QAM	1	1	20.13	20.32	20.43	20.5	4.5
Channel				348000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.30	24.73	24.60	25.0	0.0
Channel				347500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.41	24.81	24.66	25.0	0.0
Channel				347000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.34	24.72	24.65	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.37	24.85	24.65	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.32	24.77	24.58	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.33	24.76	24.61	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.35	24.86	24.61	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.34	24.80	24.54	25.0	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				136600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.07	23.12	23.11	25.0	0.0
30	PI/2 BPSK	1	80	23.04	23.07	23.06		
30	PI/2 BPSK	1	158	23.00	23.05	23.08		
30	PI/2 BPSK	80	0	22.70	22.72	22.72	24.5	0.5
30	PI/2 BPSK	80	40	23.11	23.20	23.07	25.0	0.0
30	PI/2 BPSK	80	80	22.59	22.70	22.64	24.5	0.5
30	PI/2 BPSK	160	0	22.62	22.69	22.64		
30	QPSK	1	1	23.25	23.29	23.20	25.0	0.0
30	QPSK	1	80	23.19	23.19	23.05		
30	QPSK	1	158	23.14	23.17	23.04		
30	QPSK	80	0	22.17	22.23	22.17	24.0	1.0
30	QPSK	80	40	23.08	23.22	23.17	25.0	0.0
30	QPSK	80	80	22.16	22.23	22.21	24.0	1.0
30	QPSK	160	0	22.14	22.20	22.07		
30	16QAM	1	1	22.06	22.01	22.03	24.0	1.0
30	64QAM	1	1	20.59	20.51	20.51	22.5	2.5
30	256QAM	1	1	18.94	19.00	18.99	20.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.13	23.08	23.10	25.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.12	23.25	23.07	25.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.17	23.22	23.18	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.15	23.16	23.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.23	23.22	23.05	25.0	0.0

n38_Ant 3

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.03	23.16	23.03	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.14	23.13		
40	PI/2 BPSK	1	104	23.00	23.08	22.96		
40	PI/2 BPSK	50	0	22.24	22.25	22.20	23.5	0.5
40	PI/2 BPSK	50	28	22.94	23.09	23.08	24.0	0.0
40	PI/2 BPSK	50	56	22.13	22.25	22.18	23.5	0.5
40	PI/2 BPSK	100	0	22.20	22.29	22.19		
40	QPSK	1	1	23.16	23.18	23.16	24.0	0.0
40	QPSK	1	53	22.96	23.05	22.90		
40	QPSK	1	104	23.02	23.09	22.95		
40	QPSK	50	0	21.66	21.71	21.65	24.0	0.0
40	QPSK	50	28	22.97	23.04	22.95		
40	QPSK	50	56	21.64	21.73	21.70		
40	QPSK	100	0	21.70	21.72	21.60	23.0	1.0
40	16QAM	1	1	21.40	21.43	21.29	23.0	1.0
40	64QAM	1	1	19.81	19.95	19.89	21.5	2.5
40	256QAM	1	1	18.48	18.56	18.43	19.5	4.5
Channel				517500	519000	520500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2587.5	2595	2602.5		
35	QPSK	1	1	23.12	23.14	23.05	24.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.10	22.97	23.07	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.14	23.03	23.16	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.11	23.06	23.02	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.14	22.83	23.02	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.12	22.85	23.01	24.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.63	25.73	25.69	27.0	0.0
100	PI/2 BPSK	1	137	25.48	25.59	25.54		
100	PI/2 BPSK	1	271	25.33	25.41	25.35		
100	PI/2 BPSK	135	0	25.06	25.17	25.03	26.5	0.5
100	PI/2 BPSK	135	69	25.71	25.76	25.62	27.0	0.0
100	PI/2 BPSK	135	138	24.98	25.11	25.04	26.5	0.5
100	PI/2 BPSK	270	0	25.04	25.11	25.03		
100	QPSK	1	1	25.67	25.80	25.70	27.0	0.0
100	QPSK	1	137	25.45	25.57	25.46		
100	QPSK	1	271	25.26	25.27	25.19		
100	QPSK	135	0	24.52	24.57	24.46	27.0	0.0
100	QPSK	135	69	25.61	25.75	25.68		
100	QPSK	135	138	24.43	24.51	24.36		
100	QPSK	270	0	24.37	24.51	24.43	26.0	1.0
100	16QAM	1	1	24.12	24.03	24.10	26.0	1.0
100	64QAM	1	1	22.56	22.54	22.54	24.5	2.5
100	256QAM	1	1	21.22	21.20	21.09	22.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.63	25.77	25.66	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.62	25.74	25.68	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.55	25.74	25.59	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.65	25.78	25.69	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.72	25.61	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.67	25.69	25.64	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.63	25.65	25.61	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.66	25.74	25.62	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.65	25.76	25.66	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.56	25.68	25.70	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.53	25.79	25.60	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.59	25.78	25.58	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.67	25.70	27.0	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.03	22.07	21.92	24.0	0.0
40	PI/2 BPSK	1	53	21.95	22.10	22.03		
40	PI/2 BPSK	1	104	22.03	22.05	22.00		
40	PI/2 BPSK	50	0	21.52	21.59	21.50	23.5	0.5
40	PI/2 BPSK	50	28	21.95	22.01	22.05	24.0	0.0
40	PI/2 BPSK	50	56	21.57	21.58	21.54	23.5	0.5
40	PI/2 BPSK	100	0	21.50	21.62	21.42		
40	QPSK	1	1	22.20	22.26	22.17	24.0	0.0
40	QPSK	1	53	22.05	22.04	22.00		
40	QPSK	1	104	22.09	22.03	22.03		
40	QPSK	50	0	22.08	22.11	22.09	24.0	0.0
40	QPSK	50	28	22.18	22.20	22.14		
40	QPSK	50	56	22.17	22.19	22.09		
40	QPSK	100	0	21.04	21.09	21.02	23.0	1.0
40	16QAM	1	1	20.97	21.08	21.05	23.0	1.0
40	64QAM	1	1	19.33	19.46	19.42	21.5	2.5
40	256QAM	1	1	17.90	17.98	17.89	19.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.00	22.10	22.04	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.99	22.06	22.01	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.05	22.15	22.04	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.06	22.11	21.94	24.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	23.52	23.73	23.52	25.0	0.0
100	PI/2 BPSK	1	137	23.51	23.55	23.49		
100	PI/2 BPSK	1	271	23.58	23.61	23.64		
100	PI/2 BPSK	135	0	22.95	23.08	23.04	25.0	0.0
100	PI/2 BPSK	135	69	23.64	23.70	23.56	25.0	0.0
100	PI/2 BPSK	135	138	23.21	23.25	23.24	25.0	0.0
100	PI/2 BPSK	270	0	23.12	23.16	23.09		
100	QPSK	1	1	23.58	23.79	23.66	25.0	0.0
100	QPSK	1	137	23.49	23.57	23.43		
100	QPSK	1	271	23.51	23.68	23.52		
100	QPSK	135	0	22.42	22.54	22.46	25.0	0.0
100	QPSK	135	69	23.54	23.65	23.60		
100	QPSK	135	138	22.62	22.75	22.63		
100	QPSK	270	0	22.50	22.62	22.52	25.0	0.0
100	16QAM	1	1	22.27	22.16	22.28	25.0	0.0
100	64QAM	1	1	22.81	22.72	22.80	24.5	0.5
100	256QAM	1	1	21.36	21.27	21.35	22.5	2.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	23.39	23.13	23.38	25.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	23.49	23.22	23.37	25.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	23.58	23.15	23.39	25.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	23.58	23.14	23.44	25.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	23.44	23.22	23.28	25.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	23.51	23.20	23.35	25.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.52	23.21	23.36	25.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	23.48	23.27	23.50	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.47	23.29	23.35	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.52	23.25	23.41	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.50	23.27	23.33	25.0	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.53			
100	PI/2 BPSK	1	271		25.68			
100	PI/2 BPSK	135	0		25.25		26.5	0.5
100	PI/2 BPSK	135	69		25.72		27.0	0.0
100	PI/2 BPSK	135	138		25.35		26.5	0.5
100	PI/2 BPSK	270	0		25.31			
100	QPSK	1	1		25.84		27.0	0.0
100	QPSK	1	137		25.53			
100	QPSK	1	271		25.67			
100	QPSK	135	0		24.69		27.0	0.0
100	QPSK	135	69		25.82			
100	QPSK	135	138		24.80			
100	QPSK	270	0		24.86		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.82		24.5	2.5
100	256QAM	1	1		21.38		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.72	25.59	25.61	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.52	25.59	25.45	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.54	25.66	25.67	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.48	25.80	25.54	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.52	25.67	25.66	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.65	25.70	25.57	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.68	25.57	25.49	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.61	25.63	25.58	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.69	25.58	25.61	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.67	25.81	25.49	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.53	25.73	25.63	27.0	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.78	25.91	25.71	27.0	0.0
100	PI/2 BPSK	1	137	25.71	25.74	25.64		
100	PI/2 BPSK	1	271	25.68	25.70	25.55		
100	PI/2 BPSK	135	0	25.22	25.37	25.33	26.5	0.5
100	PI/2 BPSK	135	69	25.87	25.90	25.82	27.0	0.0
100	PI/2 BPSK	135	138	25.29	25.29	25.14	26.5	0.5
100	PI/2 BPSK	270	0	25.27	25.31	25.16		
100	QPSK	1	1	25.76	25.92	25.80	27.0	0.0
100	QPSK	1	137	25.73	25.74	25.66		
100	QPSK	1	271	25.59	25.72	25.58		
100	QPSK	135	0	24.77	24.85	24.72	27.0	0.0
100	QPSK	135	69	25.74	25.85	25.73		
100	QPSK	135	138	24.74	24.77	24.66		
100	QPSK	270	0	24.69	24.78	24.77	26.0	1.0
100	16QAM	1	1	24.52	24.65	24.41	26.0	1.0
100	64QAM	1	1	23.04	23.18	22.95	24.5	2.5
100	256QAM	1	1	21.62	21.77	21.65	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.78	25.89	25.52	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.69	25.84	25.76	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	25.76	25.51	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.68	25.86	25.65	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.74	25.82	25.74	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.62	25.87	25.72	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.63	25.83	25.74	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.62	25.81	25.77	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.75	25.87	25.53	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.74	25.86	25.56	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	25.72	25.68	27.0	0.0

Part96_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	23.41	23.65	23.42	25.0	0.0
100	PI/2 BPSK	1	137	23.27	23.42	23.34		
100	PI/2 BPSK	1	271	23.47	23.58	23.43		
100	PI/2 BPSK	135	0	22.90	22.98	22.91	25.0	0.0
100	PI/2 BPSK	135	69	23.49	23.62	23.62	25.0	0.0
100	PI/2 BPSK	135	138	23.08	23.18	23.10	25.0	0.0
100	PI/2 BPSK	270	0	23.00	23.07	22.95		
100	QPSK	1	1	23.65	23.68	23.50	25.0	0.0
100	QPSK	1	137	23.39	23.45	23.34		
100	QPSK	1	271	23.61	23.63	23.49		
100	QPSK	135	0	22.43	22.47	22.34	25.0	0.0
100	QPSK	135	69	23.52	23.59	23.44		
100	QPSK	135	138	22.54	22.65	22.59		
100	QPSK	270	0	22.50	22.53	22.46	25.0	0.0
100	16QAM	1	1	22.00	22.11	22.14	25.0	0.0
100	64QAM	1	1	22.52	22.64	22.67	24.5	0.5
100	256QAM	1	1	21.10	21.20	21.22	22.5	2.5
Channel				639668	641666	643664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	23.39	23.63	23.23	25.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	23.48	23.60	23.28	25.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	23.27	23.60	23.33	25.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	23.38	23.61	23.34	25.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	23.30	23.50	23.29	25.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	23.27	23.49	23.35	25.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.28	23.65	23.23	25.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	23.26	23.51	23.25	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.29	23.62	23.38	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.47	23.65	23.30	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.27	23.51	23.31	25.0	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.65			
100	PI/2 BPSK	1	271		25.73			
100	PI/2 BPSK	135	0		25.04		26.5	0.5
100	PI/2 BPSK	135	69		25.75		27.0	0.0
100	PI/2 BPSK	135	138		25.28		26.5	0.5
100	PI/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.76		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.74			
100	QPSK	135	0		24.43		27.0	0.0
100	QPSK	135	69		25.61			
100	QPSK	135	138		24.60			
100	QPSK	270	0		24.44		26.0	1.0
100	16QAM	1	1		24.06		26.0	1.0
100	64QAM	1	1		22.52		24.5	2.5
100	256QAM	1	1		21.12		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.50	25.56	25.66	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.59	25.53	25.60	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.39	25.60	25.57	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.42	25.72	25.70	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.34	25.59	25.65	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.42	25.59	25.51	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.43	25.55	25.70	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.48	25.48	25.55	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.44	25.67	25.54	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.57	25.57	25.63	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.50	25.64	25.66	27.0	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.41			
100	PI/2 BPSK	1	271		25.48			
100	PI/2 BPSK	135	0		24.95		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.05		26.5	0.5
100	PI/2 BPSK	270	0		25.00			
100	QPSK	1	1		25.60		27.0	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.48		27.0	0.0
100	QPSK	135	69		25.54			
100	QPSK	135	138		24.55			
100	QPSK	270	0		24.45		26.0	1.0
100	16QAM	1	1		24.07		26.0	1.0
100	64QAM	1	1		22.51		24.5	2.5
100	256QAM	1	1		21.08		22.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.51	25.27	25.24	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.55	25.34	25.32	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.59	25.28	25.35	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.50	25.35	25.42	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.55	25.32	25.43	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.48	25.30	25.43	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	25.49	25.35	25.42	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.58	25.38	25.41	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.58	25.42	25.41	27.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.50	25.44	25.25	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.40	25.48	25.29	27.0	0.0

Reduced Power Mode for Receiver on

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.49	19.37	19.43	21.0	0.0
40	PI/2 BPSK	1	108	19.51	19.45	19.25		
40	PI/2 BPSK	1	214	19.34	19.40	19.35		
40	PI/2 BPSK	108	0	19.30	19.46	19.33	21.0	0.0
40	PI/2 BPSK	108	54	19.48	19.52	19.28	21.0	0.0
40	PI/2 BPSK	108	108	19.29	19.56	19.25		
40	PI/2 BPSK	216	0	19.37	19.55	19.42		
40	QPSK	1	1	19.53	19.58	19.45	21.0	0.0
40	QPSK	1	108	19.46	19.36	19.37		
40	QPSK	1	214	19.46	19.43	19.35		
40	QPSK	108	0	19.32	19.49	19.38	21.0	0.0
40	QPSK	108	54	19.38	19.50	19.37	21.0	0.0
40	QPSK	108	108	19.38	19.40	19.30	21.0	0.0
40	QPSK	216	0	19.35	19.37	19.37		
40	16QAM	1	1	19.47	19.53	19.24	21.0	0.0
40	64QAM	1	1	19.31	19.41	19.29	21.0	0.0
40	256QAM	1	1	19.31	19.16	19.13	21.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.36	19.20	19.19	21.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.33	19.23	19.34	21.0	0.0
Channel				372500	375500	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.33	19.22	19.30	21.0	0.0
Channel				372000	375000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.26	19.35	19.37	21.0	0.0
Channel				371500	375000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.27	19.28	19.30	21.0	0.0
Channel				371000	375000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.27	19.22	19.32	21.0	0.0
Channel				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.29	19.15	19.38	21.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n7_Ant 3

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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.25	20.39	20.31	22.0	0.0
50	PI/2 BPSK	1	135	20.36	20.47	20.35		
50	PI/2 BPSK	1	268	20.30	20.44	20.40		
50	PI/2 BPSK	135	0	20.35	20.46	20.34	22.0	0.0
50	PI/2 BPSK	135	68	20.38	20.44	20.35	22.0	0.0
50	PI/2 BPSK	135	135	20.37	20.43	20.32	22.0	0.0
50	PI/2 BPSK	270	0	20.36	20.46	20.36		
50	QPSK	1	1	20.43	20.52	20.51	22.0	0.0
50	QPSK	1	135	20.41	20.42	20.45		
50	QPSK	1	268	20.33	20.47	20.46		
50	QPSK	135	0	20.31	20.39	20.34	22.0	0.0
50	QPSK	135	68	20.39	20.48	20.41	22.0	0.0
50	QPSK	135	135	20.32	20.42	20.36	22.0	0.0
50	QPSK	270	0	20.36	20.46	20.35		
50	16QAM	1	1	20.30	20.46	20.40	22.0	0.0
50	64QAM	1	1	19.59	19.61	19.53	21.5	0.5
50	256QAM	1	1	18.19	18.08	18.17	19.5	2.5
Channel				504500	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.40	20.45	20.49	22.0	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.42	20.42	20.41	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.41	20.44	20.50	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.37	20.45	20.41	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.42	20.50	20.48	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.39	20.48	20.45	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.40	20.48	20.42	22.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.54	19.54	19.51	21.0	0.0
40	PI/2 BPSK	1	108	19.60	19.56	19.46		
40	PI/2 BPSK	1	214	19.51	19.58	19.50		
40	PI/2 BPSK	108	0	19.57	19.60	19.46	21.0	0.0
40	PI/2 BPSK	108	54	19.55	19.58	19.52	21.0	0.0
40	PI/2 BPSK	108	108	19.52	19.57	19.46	21.0	0.0
40	PI/2 BPSK	216	0	19.53	19.53	19.51		
40	QPSK	1	1	19.61	19.62	19.54	21.0	0.0
40	QPSK	1	108	19.53	19.54	19.48		
40	QPSK	1	214	19.51	19.58	19.45		
40	QPSK	108	0	19.46	19.53	19.43	21.0	0.0
40	QPSK	108	54	19.55	19.60	19.53	21.0	0.0
40	QPSK	108	108	19.46	19.53	19.47	21.0	0.0
40	QPSK	216	0	19.54	19.55	19.49		
40	16QAM	1	1	19.45	19.54	19.45	21.0	0.0
40	64QAM	1	1	19.46	19.59	19.50	21.0	0.0
40	256QAM	1	1	19.50	19.25	19.27	20.5	0.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.52	19.52	19.51	21.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.54	19.49	21.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.56	19.54	19.44	21.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.56	19.60	19.52	21.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.56	19.59	19.46	21.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.55	19.56	19.47	21.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.60	19.61	19.53	21.0	0.0

n30_Ant 3

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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.10			
10	PI/2 BPSK	1	26		21.16		21.5	0.0
10	PI/2 BPSK	1	50		21.12			
10	PI/2 BPSK	25	0		21.16		21.5	0.0
10	PI/2 BPSK	25	14		21.13		21.5	0.0
10	PI/2 BPSK	25	27		21.15		21.5	0.0
10	PI/2 BPSK	50	0		21.14			
10	QPSK	1	1		21.18			
10	QPSK	1	26		21.16		21.5	0.0
10	QPSK	1	50		21.13			
10	QPSK	25	0		21.05		21.5	0.0
10	QPSK	25	14		21.15		21.5	0.0
10	QPSK	25	27		21.12		21.5	0.0
10	QPSK	50	0		21.07			
10	16QAM	1	1		21.09		21.5	0.0
10	64QAM	1	1		21.07		21.5	0.0
10	256QAM	1	1		19.08		19.5	2.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.10	21.11	21.04	21.5	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.25	23.35	23.26		
45	PI/2 BPSK	1	122	23.23	23.26	23.19	23.5	0.0
45	PI/2 BPSK	1	243	23.20	23.33	23.27		
45	PI/2 BPSK	120	0	23.17	23.33	23.22	23.5	0.0
45	PI/2 BPSK	120	60	23.25	23.29	23.24	23.5	0.0
45	PI/2 BPSK	120	122	23.21	23.27	23.26	23.5	0.0
45	PI/2 BPSK	243	0	23.24	23.31	23.19		
45	QPSK	1	1	23.27	23.36	23.22		
45	QPSK	1	122	23.21	23.29	23.25	23.5	0.0
45	QPSK	1	243	23.24	23.29	23.28		
45	QPSK	120	0	23.23	23.26	23.24	23.5	0.0
45	QPSK	120	60	23.26	23.34	23.28	23.5	0.0
45	QPSK	120	122	23.19	23.25	23.26	23.5	0.0
45	QPSK	243	0	23.23	23.32	23.26		
45	16QAM	1	1	23.17	23.32	23.27	23.5	0.0
45	64QAM	1	1	21.64	21.57	21.64	22.5	1.0
45	256QAM	1	1	20.28	20.27	20.29	20.5	3.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.18	23.28	23.23	23.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.20	23.26	23.24	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.19	23.32	23.27	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.26	23.26	23.28	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.21	23.28	23.21	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.19	23.29	23.20	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.21	23.29	23.22	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.26	23.31	23.20	23.5	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.07	23.12	23.11		
30	PI/2 BPSK	1	80	23.04	23.07	23.06	25.0	0.0
30	PI/2 BPSK	1	158	23.09	23.05	23.08		
30	PI/2 BPSK	80	0	22.70	22.72	22.72	24.5	0.5
30	PI/2 BPSK	80	40	23.11	23.20	23.07	25.0	0.0
30	PI/2 BPSK	80	80	22.59	22.70	22.64	24.5	0.5
30	PI/2 BPSK	160	0	22.62	22.69	22.64		
30	QPSK	1	1	23.22	23.29	23.20		
30	QPSK	1	80	23.19	23.19	23.05	25.0	0.0
30	QPSK	1	158	23.14	23.17	23.04		
30	QPSK	80	0	22.17	22.23	22.17	24.0	1.0
30	QPSK	80	40	23.08	23.22	23.17	25.0	0.0
30	QPSK	80	80	22.16	22.23	22.21	24.0	1.0
30	QPSK	160	0	22.14	22.20	22.07		
30	16QAM	1	1	22.06	22.01	22.03	24.0	1.0
30	64QAM	1	1	20.59	20.51	20.51	22.5	2.5
30	256QAM	1	1	18.94	19.00	18.99	20.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.13	23.08	23.10	25.0	0.0
Channel				134850	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.12	23.25	23.07	25.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.17	23.22	23.18	25.0	0.0
Channel				133850	136100	138350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.15	23.16	23.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.23	23.22	23.05	25.0	0.0

n38_Ant 3

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.13	22.15	22.10	23.0	0.0
40	PI/2 BPSK	1	53	22.13	22.14	22.16		
40	PI/2 BPSK	1	104	22.07	22.11	22.15		
40	PI/2 BPSK	50	0	22.14	22.08	22.11	23.0	0.0
40	PI/2 BPSK	50	28	22.06	22.15	22.09	23.0	0.0
40	PI/2 BPSK	50	56	22.09	22.17	22.16	23.0	0.0
40	PI/2 BPSK	100	0	22.08	22.13	22.10		
40	QPSK	1	1	22.15	22.18	22.17	23.0	0.0
40	QPSK	1	53	22.05	22.09	22.07		
40	QPSK	1	104	22.14	22.17	22.08		
40	QPSK	50	0	22.11	22.07	22.02	23.0	0.0
40	QPSK	50	28	22.13	22.14	22.12		
40	QPSK	50	56	22.11	22.10	22.06		
40	QPSK	100	0	22.08	22.11	22.02	23.0	0.0
40	16QAM	1	1	22.12	22.09	22.06	23.0	0.0
40	64QAM	1	1	19.86	19.92	19.89	21.5	1.5
40	256QAM	1	1	18.55	18.43	18.44	19.5	3.5
Channel				517500	519000	520500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2587.5	2595	2602.5		
35	QPSK	1	1	22.09	22.14	22.12	23.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.10	22.17	22.11	23.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.12	22.10	22.12	23.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.05	22.10	22.10	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.14	22.08	22.08	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.08	22.14	22.14	23.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.58	21.66	21.69	23.0	0.0
100	PI/2 BPSK	1	137	21.62	21.66	21.68		
100	PI/2 BPSK	1	271	21.58	21.68	21.63		
100	PI/2 BPSK	135	0	21.63	21.71	21.66	23.0	0.0
100	PI/2 BPSK	135	69	21.59	21.71	21.63	23.0	0.0
100	PI/2 BPSK	135	138	21.62	21.66	21.70	23.0	0.0
100	PI/2 BPSK	270	0	21.64	21.67	21.63		
100	QPSK	1	1	21.73	21.80	21.79	23.0	0.0
100	QPSK	1	137	21.66	21.70	21.75		
100	QPSK	1	271	21.67	21.73	21.77		
100	QPSK	135	0	21.64	21.68	21.69	23.0	0.0
100	QPSK	135	69	21.68	21.74	21.73		
100	QPSK	135	138	21.64	21.69	21.69		
100	QPSK	270	0	21.65	21.67	21.65	23.0	0.0
100	16QAM	1	1	21.58	21.64	21.66	23.0	0.0
100	64QAM	1	1	21.60	21.73	21.63	23.0	0.0
100	256QAM	1	1	21.08	21.17	21.16	22.5	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.60	21.67	21.66	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.58	21.69	21.63	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.65	21.64	21.66	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.60	21.71	21.65	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.61	21.70	21.63	23.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.65	21.64	21.70	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.66	21.70	21.70	23.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.64	21.65	21.66	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.63	21.68	21.69	23.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.67	21.71	21.72	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.59	21.70	21.63	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.65	21.67	21.66	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.65	21.70	21.63	23.0	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.09	19.22	19.23	21.0	0.0
40	PI/2 BPSK	1	53	19.13	19.22	19.17		
40	PI/2 BPSK	1	104	19.15	19.16	19.20		
40	PI/2 BPSK	50	0	19.07	19.18	19.21	21.0	0.0
40	PI/2 BPSK	50	28	19.09	19.20	19.16	21.0	0.0
40	PI/2 BPSK	50	56	19.11	19.18	19.22	21.0	0.0
40	PI/2 BPSK	100	0	19.08	19.17	19.22		
40	QPSK	1	1	19.16	19.26	19.24	21.0	0.0
40	QPSK	1	53	19.09	19.17	19.18		
40	QPSK	1	104	19.15	19.25	19.19		
40	QPSK	50	0	19.06	19.15	19.13	21.0	0.0
40	QPSK	50	28	19.14	19.20	19.17		
40	QPSK	50	56	19.08	19.10	19.14		
40	QPSK	100	0	19.11	19.14	19.14	21.0	0.0
40	16QAM	1	1	19.09	19.16	19.13	21.0	0.0
40	64QAM	1	1	19.13	19.12	19.12	21.0	0.0
40	256QAM	1	1	17.87	17.93	17.84	19.5	1.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.09	19.17	19.15	21.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.11	19.19	19.17	21.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.15	19.18	19.14	21.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.14	19.22	19.18	21.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.19	19.26	19.23	20.5	0.0
100	PI/2 BPSK	1	137	19.18	19.22	19.26		
100	PI/2 BPSK	1	271	19.22	19.23	19.18		
100	PI/2 BPSK	135	0	19.21	19.23	19.25	20.5	0.0
100	PI/2 BPSK	135	69	19.23	19.21	19.18	20.5	0.0
100	PI/2 BPSK	135	138	19.21	19.20	19.23	20.5	0.0
100	PI/2 BPSK	270	0	19.21	19.19	19.24		
100	QPSK	1	1	19.26	19.29	19.28	20.5	0.0
100	QPSK	1	137	19.20	19.24	19.22		
100	QPSK	1	271	19.17	19.27	19.21		
100	QPSK	135	0	19.08	19.24	19.19	20.5	0.0
100	QPSK	135	69	19.18	19.26	19.23		
100	QPSK	135	138	19.12	19.23	19.17		
100	QPSK	270	0	19.09	19.22	19.21	20.5	0.0
100	16QAM	1	1	19.14	19.25	19.18	20.5	0.0
100	64QAM	1	1	19.11	19.24	19.20	20.5	0.0
100	256QAM	1	1	19.14	19.24	19.18	20.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	19.16	19.26	19.21	20.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	19.20	19.25	19.23	20.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	19.21	19.23	19.25	20.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.21	19.27	19.18	20.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	19.22	19.22	19.18	20.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	19.21	19.20	19.25	20.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.19	19.26	19.23	20.5	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	19.17	19.28	19.26	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.22	19.28	19.20	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.16	19.26	19.21	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.24	19.19	19.26	20.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.21		20.5	0.0
100	PI/2 BPSK	1	137		19.22			
100	PI/2 BPSK	1	271		19.28			
100	PI/2 BPSK	135	0		19.21		20.5	0.0
100	PI/2 BPSK	135	69		19.23		20.5	0.0
100	PI/2 BPSK	135	138		19.28		20.5	0.0
100	PI/2 BPSK	270	0		19.21			
100	QPSK	1	1		19.34		20.5	0.0
100	QPSK	1	137		19.26			
100	QPSK	1	271		19.24			
100	QPSK	135	0		19.27		20.5	0.0
100	QPSK	135	69		19.31			
100	QPSK	135	138		19.27			
100	QPSK	270	0		19.23		20.5	0.0
100	16QAM	1	1		19.26		20.5	0.0
100	64QAM	1	1		19.23		20.5	0.0
100	256QAM	1	1		19.27		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.24	19.22	19.24	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.21	19.19	19.17	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.23	19.18	19.23	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.22	19.12	19.15	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.21	19.15	19.22	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.15	19.12	19.16	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.16	19.16	19.23	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.19	19.19	19.23	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.18	19.14	19.23	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.21	19.19	19.15	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.16	19.19	19.17	20.5	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.21	19.36	19.22	20.5	0.0
100	PI/2 BPSK	1	137	19.25	19.32	19.26		
100	PI/2 BPSK	1	271	19.27	19.38	19.25		
100	PI/2 BPSK	135	0	19.27	19.31	19.25	20.5	0.0
100	PI/2 BPSK	135	69	19.21	19.34	19.25	20.5	0.0
100	PI/2 BPSK	135	138	19.28	19.29	19.28	20.5	0.0
100	PI/2 BPSK	270	0	19.28	19.37	19.24		
100	QPSK	1	1	19.39	19.42	19.38	20.5	0.0
100	QPSK	1	137	19.36	19.40	19.29		
100	QPSK	1	271	19.30	19.37	19.37		
100	QPSK	135	0	19.22	19.35	19.28	20.5	0.0
100	QPSK	135	69	19.31	19.39	19.30		
100	QPSK	135	138	19.21	19.30	19.26		
100	QPSK	270	0	19.27	19.35	19.21	20.5	0.0
100	16QAM	1	1	19.23	19.37	19.23	20.5	0.0
100	64QAM	1	1	19.24	19.34	19.20	20.5	0.0
100	256QAM	1	1	19.21	19.32	19.22	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.26	19.38	19.22	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.30	19.32	19.27	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.27	19.33	19.29	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.27	19.35	19.20	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.27	19.30	19.26	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.30	19.31	19.25	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.23	19.34	19.22	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.26	19.29	19.28	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.25	19.38	19.20	20.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.28	19.35	19.21	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.24	19.34	19.27	20.5	0.0

Part96_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.02	19.13	18.99	20.5	0.0
100	PI/2 BPSK	1	137	18.97	19.05	18.98		
100	PI/2 BPSK	1	271	18.95	19.10	18.95		
100	PI/2 BPSK	135	0	19.00	19.04	18.94	20.5	0.0
100	PI/2 BPSK	135	69	18.95	19.04	18.97	20.5	0.0
100	PI/2 BPSK	135	138	19.02	19.09	18.96	20.5	0.0
100	PI/2 BPSK	270	0	19.03	19.11	18.97		
100	QPSK	1	1	19.14	19.18	19.12	20.5	0.0
100	QPSK	1	137	19.12	19.13	19.05		
100	QPSK	1	271	19.06	19.09	19.03		
100	QPSK	135	0	18.95	19.05	18.99	20.5	0.0
100	QPSK	135	69	19.05	19.14	19.04		
100	QPSK	135	138	18.99	19.07	18.94		
100	QPSK	270	0	19.02	19.09	19.02	20.5	0.0
100	16QAM	1	1	19.00	19.04	18.94	20.5	0.0
100	64QAM	1	1	18.99	19.05	19.01	20.5	0.0
100	256QAM	1	1	18.99	19.13	18.99	20.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	19.04	19.09	18.98	20.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	18.98	19.04	19.01	20.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	18.99	19.10	19.02	20.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	18.98	19.10	18.94	20.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	18.96	19.07	18.98	20.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	19.01	19.08	19.01	20.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.96	19.11	18.98	20.5	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	19.04	19.05	18.98	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.02	19.09	19.00	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.00	19.09	18.98	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.97	19.04	19.00	20.5	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.15		20.5	0.0
100	PI/2 BPSK	1	137		19.16			
100	PI/2 BPSK	1	271		19.11			
100	PI/2 BPSK	135	0		19.17		20.5	0.0
100	PI/2 BPSK	135	69		19.17		20.5	0.0
100	PI/2 BPSK	135	138		19.13		20.5	0.0
100	PI/2 BPSK	270	0		19.16			
100	QPSK	1	1		19.26		20.5	0.0
100	QPSK	1	137		19.23			
100	QPSK	1	271		19.25			
100	QPSK	135	0		19.15		20.5	0.0
100	QPSK	135	69		19.18			
100	QPSK	135	138		19.14			
100	QPSK	270	0		19.16		20.5	0.0
100	16QAM	1	1		19.11		20.5	0.0
100	64QAM	1	1		19.11		20.5	0.0
100	256QAM	1	1		19.11		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.17	19.22	19.13	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.08	19.13	19.08	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.12	19.13	19.04	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.12	19.20	19.03	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.11	19.18	19.04	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.14	19.12	19.04	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.08	19.15	19.10	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.13	19.17	19.12	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.12	19.19	19.10	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.13	19.13	19.08	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.12	19.17	19.08	20.5	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.00		20.5	0.0
100	PI/2 BPSK	1	137		19.00			
100	PI/2 BPSK	1	271		19.05			
100	PI/2 BPSK	135	0		19.01		20.5	0.0
100	PI/2 BPSK	135	69		19.03		20.5	0.0
100	PI/2 BPSK	135	138		19.04		20.5	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.10		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.05			
100	QPSK	135	0		19.05		20.5	0.0
100	QPSK	135	69		19.07			
100	QPSK	135	138		19.06			
100	QPSK	270	0		19.04		20.5	0.0
100	16QAM	1	1		18.98		20.5	0.0
100	64QAM	1	1		19.01		20.5	0.0
100	256QAM	1	1		19.01		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.99	18.92	18.91	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.00	18.88	18.94	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.95	18.90	18.99	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.00	18.94	18.96	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.99	18.92	18.98	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.94	18.90	18.94	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.92	18.93	18.90	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.95	18.92	18.93	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.94	18.87	18.92	20.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.92	18.87	18.93	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.91	18.93	20.5	0.0

Reduced Power Mode for Sensor on

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	15.09	15.10	15.05	16.5	0.0
40	PI/2 BPSK	1	108	15.10	15.14	15.07		
40	PI/2 BPSK	1	214	15.11	15.10	15.02		
40	PI/2 BPSK	108	0	15.06	15.07	15.05	16.5	0.0
40	PI/2 BPSK	108	54	15.06	15.13	15.07	16.5	0.0
40	PI/2 BPSK	108	108	15.10	15.08	14.98	16.5	0.0
40	PI/2 BPSK	216	0	15.11	15.09	15.00		
40	QPSK	1	1	15.20	15.22	15.18		
40	QPSK	1	108	15.15	15.16	15.09	16.5	0.0
40	QPSK	1	214	15.18	15.16	15.11		
40	QPSK	108	0	15.05	15.06	15.04	16.5	0.0
40	QPSK	108	54	15.14	15.15	15.08	16.5	0.0
40	QPSK	108	108	15.08	15.08	14.99	16.5	0.0
40	QPSK	216	0	15.07	15.13	15.03		
40	16QAM	1	1	15.10	15.05	15.02	16.5	0.0
40	64QAM	1	1	15.11	15.14	14.99	16.5	0.0
40	256QAM	1	1	15.05	15.12	15.07	16.5	0.0
Channel				372500	375000	377500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	15.06	15.08	15.02	16.5	0.0
Channel				372000	375000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	15.04	15.06	14.98	16.5	0.0
Channel				372250	375000	377500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	15.04	15.14	15.05	16.5	0.0
Channel				372000	375000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	15.04	15.11	15.04	16.5	0.0
Channel				371500	375000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.12	15.13	14.99	16.5	0.0
Channel				371000	375000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.07	15.13	15.02	16.5	0.0
Channel				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.07	15.10	15.03	16.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.92		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.81		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166350	167300	168250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				166050	167300	168550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165850	167350	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.5	836.5	848.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n7_Ant 3

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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.40	16.41	16.35	18.0	0.0
50	PI/2 BPSK	1	135	16.41	16.38	16.40		
50	PI/2 BPSK	1	268	16.43	16.38	16.39		
50	PI/2 BPSK	135	0	16.36	16.45	16.39	18.0	0.0
50	PI/2 BPSK	135	68	16.40	16.45	16.31	18.0	0.0
50	PI/2 BPSK	135	135	16.41	16.39	16.33	18.0	0.0
50	PI/2 BPSK	270	0	16.34	16.40	16.40		
50	QPSK	1	1	16.55	16.52	16.51		
50	QPSK	1	135	16.48	16.50	16.46	18.0	0.0
50	QPSK	1	268	16.48	16.47	16.41		
50	QPSK	135	0	16.41	16.46	16.40	18.0	0.0
50	QPSK	135	68	16.44	16.48	16.41	18.0	0.0
50	QPSK	135	135	16.38	16.39	16.34	18.0	0.0
50	QPSK	270	0	16.36	16.43	16.39		
50	16QAM	1	1	16.37	16.44	16.40	18.0	0.0
50	64QAM	1	1	16.41	16.42	16.32	18.0	0.0
50	256QAM	1	1	16.36	16.39	16.35	18.0	0.0
Channel				504500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.35	16.44	16.38	18.0	0.0
Channel				504000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.42	16.44	16.36	18.0	0.0
Channel				503750	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.36	16.44	16.31	18.0	0.0
Channel				503500	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.39	16.47	16.38	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.43	16.38	16.36	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.40	16.39	16.37	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.35	16.46	16.32	18.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	14.94	14.99	14.83	16.5	0.0
40	PI/2 BPSK	1	108	14.92	14.99	14.87		
40	PI/2 BPSK	1	214	14.92	14.90	14.89		
40	PI/2 BPSK	108	0	14.92	14.91	14.86	16.5	0.0
40	PI/2 BPSK	108	54	14.98	14.92	14.90	16.5	0.0
40	PI/2 BPSK	108	108	14.94	14.95	14.86	16.5	0.0
40	PI/2 BPSK	216	0	14.91	14.98	14.92		
40	QPSK	1	1	15.06	15.07	14.97		
40	QPSK	1	108	15.02	14.99	14.95	16.5	0.0
40	QPSK	1	214	15.03	15.05	14.90		
40	QPSK	108	0	14.93	14.95	14.88	16.5	0.0
40	QPSK	108	54	14.99	15.00	14.93	16.5	0.0
40	QPSK	108	108	14.89	14.92	14.86	16.5	0.0
40	QPSK	216	0	14.96	14.97	14.88		
40	16QAM	1	1	14.90	14.93	14.83	16.5	0.0
40	64QAM	1	1	14.94	14.99	14.83	16.5	0.0
40	256QAM	1	1	14.89	14.99	14.84	16.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	14.98	14.92	14.88	16.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	14.97	14.94	14.86	16.5	0.0
Channel				372750	376500	380250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	14.94	14.93	14.90	16.5	0.0
Channel				372500	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	14.90	14.91	14.89	16.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.98	14.96	14.86	16.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	14.92	14.99	14.92	16.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.98	14.97	14.88	16.5	0.0

n30_Ant 3

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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.71		16.0	0.0
10	PI/2 BPSK	1	26		15.64			
10	PI/2 BPSK	1	50		15.66			
10	PI/2 BPSK	25	0		15.64		16.0	0.0
10	PI/2 BPSK	25	14		15.64		16.0	0.0
10	PI/2 BPSK	25	27		15.67		16.0	0.0
10	PI/2 BPSK	50	0		15.70			
10	QPSK	1	1		15.76		16.0	0.0
10	QPSK	1	26		15.71			
10	QPSK	1	50		15.72			
10	QPSK	25	0		15.73		16.0	0.0
10	QPSK	25	14		15.74		16.0	0.0
10	QPSK	25	27		15.67		16.0	0.0
10	QPSK	50	0		15.73			
10	16QAM	1	1		15.70		16.0	0.0
10	64QAM	1	1		15.70		16.0	0.0
10	256QAM	1	1		15.64		16.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.71	15.66	15.72	16.0	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.24	18.17	18.14	18.5	0.0
45	PI/2 BPSK	1	122	18.20	18.22	18.16		
45	PI/2 BPSK	1	243	18.25	18.16	18.11		
45	PI/2 BPSK	120	0	18.17	18.24	18.18	18.5	0.0
45	PI/2 BPSK	120	60	18.20	18.16	18.12	18.5	0.0
45	PI/2 BPSK	120	122	18.22	18.22	18.19	18.5	0.0
45	PI/2 BPSK	243	0	18.20	18.17	18.16		
45	QPSK	1	1	18.27	18.29	18.25	18.5	0.0
45	QPSK	1	122	18.18	18.21	18.20		
45	QPSK	1	243	18.20	18.28	18.18		
45	QPSK	120	0	18.20	18.24	18.20	18.5	0.0
45	QPSK	120	60	18.25	18.26	18.21	18.5	0.0
45	QPSK	120	122	18.20	18.25	18.12	18.5	0.0
45	QPSK	243	0	18.22	18.23	18.15		
45	16QAM	1	1	18.25	18.24	18.13	18.5	0.0
45	64QAM	1	1	18.17	18.17	18.11	18.5	0.0
45	256QAM	1	1	18.20	18.21	18.18	18.5	0.0
Channel				346500	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.24	18.23	18.20	18.5	0.0
Channel				347000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.20	18.23	18.13	18.5	0.0
Channel				347500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.20	18.20	18.15	18.5	0.0
Channel				348500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.17	18.20	18.11	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.20	18.22	18.18	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.20	18.18	18.12	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.16	18.20	18.20	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.22	18.25	18.11	18.5	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133600	136100	138600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.07	23.12	23.11	25.0	0.0
30	PI/2 BPSK	1	80	23.04	23.07	23.06		
30	PI/2 BPSK	1	158	23.09	23.05	23.08		
30	PI/2 BPSK	80	0	22.70	22.72	22.72	24.5	0.5
30	PI/2 BPSK	80	40	23.11	23.20	23.07	25.0	0.0
30	PI/2 BPSK	80	80	22.59	22.70	22.64	24.5	0.5
30	PI/2 BPSK	160	0	22.62	22.69	22.64		
30	QPSK	1	1	23.25	23.29	23.20	25.0	0.0
30	QPSK	1	80	23.19	23.19	23.05		
30	QPSK	1	158	23.14	23.17	23.04		
30	QPSK	80	0	22.17	22.23	22.17	24.0	1.0
30	QPSK	80	40	23.08	23.22	23.17	25.0	0.0
30	QPSK	80	80	22.16	22.23	22.21	24.0	1.0
30	QPSK	160	0	22.14	22.20	22.07		
30	16QAM	1	1	22.06	22.01	22.03	24.0	1.0
30	64QAM	1	1	20.59	20.51	20.51	22.5	2.5
30	256QAM	1	1	18.94	19.00	18.99	20.5	4.5
Channel				133150	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.13	23.08	23.10	25.0	0.0
Channel				134050	136100	137050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.12	23.25	23.07	25.0	0.0
Channel				134100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.17	23.22	23.18	25.0	0.0
Channel				133850	136100	138350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.15	23.16	23.05	25.0	0.0
Channel				133150	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.23	23.22	23.05	25.0	0.0

n38_Ant 3

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				518004	519000	519996		
Frequency (MHz)				2560.02	2565	2569.98		
40	PI/2 BPSK	1	1	17.96	18.07	18.07	19.0	0.0
40	PI/2 BPSK	1	53	17.93	18.05	17.98		
40	PI/2 BPSK	1	104	17.93	18.07	17.98		
40	PI/2 BPSK	50	0	17.92	18.03	17.99	19.0	0.0
40	PI/2 BPSK	50	28	17.96	18.09	17.99	19.0	0.0
40	PI/2 BPSK	50	56	17.94	18.07	18.00	19.0	0.0
40	PI/2 BPSK	100	0	17.93	18.08	18.02		
40	QPSK	1	1	18.10	18.22	18.13	19.0	0.0
40	QPSK	1	53	18.00	18.12	18.11		
40	QPSK	1	104	18.06	18.10	18.11		
40	QPSK	50	0	18.00	18.03	17.98	19.0	0.0
40	QPSK	50	28	18.02	18.12	18.08		
40	QPSK	50	56	17.98	18.05	18.06		
40	QPSK	100	0	18.00	18.11	18.06	19.0	0.0
40	16QAM	1	1	17.94	18.06	18.03	19.0	0.0
40	64QAM	1	1	17.92	18.06	18.05	19.0	0.0
40	256QAM	1	1	17.97	18.11	18.04	19.0	0.0
Channel				517500	519000	520500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2587.5	2595	2602.5		
35	QPSK	1	1	18.00	18.04	18.07	19.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.94	18.04	18.05	19.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.01	18.04	18.03	19.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.97	18.08	18.04	19.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.94	18.04	18.00	19.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.99	18.03	18.04	19.0	0.0

FCC_n41_Ant 3

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				500202	518598	526800		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.58	17.76	17.63	19.0	0.0
100	PI/2 BPSK	1	137	17.60	17.73	17.57		
100	PI/2 BPSK	1	271	17.57	17.78	17.56		
100	PI/2 BPSK	135	0	17.64	17.70	17.58	19.0	0.0
100	PI/2 BPSK	135	69	17.61	17.73	17.63	19.0	0.0
100	PI/2 BPSK	135	138	17.66	17.77	17.57	19.0	0.0
100	PI/2 BPSK	270	0	17.62	17.73	17.64		
100	QPSK	1	1	17.75	17.80	17.74	19.0	0.0
100	QPSK	1	137	17.73	17.78	17.69		
100	QPSK	1	271	17.70	17.73	17.69		
100	QPSK	135	0	17.66	17.75	17.62	19.0	0.0
100	QPSK	135	69	17.67	17.79	17.65		
100	QPSK	135	138	17.57	17.69	17.64		
100	QPSK	270	0	17.65	17.73	17.57	19.0	0.0
100	16QAM	1	1	17.59	17.78	17.61	19.0	0.0
100	64QAM	1	1	17.58	17.77	17.62	19.0	0.0
100	256QAM	1	1	17.66	17.76	17.62	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.59	17.74	17.56	19.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2648.99		
80	QPSK	1	1	17.57	17.72	17.59	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.57	17.75	17.55	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.59	17.71	17.59	19.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.60	17.76	17.61	19.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.59	17.74	17.60	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.60	17.69	17.58	19.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.66	17.73	17.58	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.65	17.70	17.57	19.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.65	17.74	17.55	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.60	17.72	17.64	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.62	17.74	17.61	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.64	17.74	17.58	19.0	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.01	15.13	15.04	17.0	0.0
40	PI/2 BPSK	1	53	15.07	15.20	15.03		
40	PI/2 BPSK	1	104	15.03	15.17	14.99		
40	PI/2 BPSK	50	0	14.99	15.12	14.99	17.0	0.0
40	PI/2 BPSK	50	28	15.07	15.19	15.04	17.0	0.0
40	PI/2 BPSK	50	56	15.02	15.20	15.04	17.0	0.0
40	PI/2 BPSK	100	0	15.00	15.14	15.00		
40	QPSK	1	1	15.22	15.36	15.21	17.0	0.0
40	QPSK	1	53	15.11	15.23	15.16		
40	QPSK	1	104	15.13	15.22	15.09		
40	QPSK	50	0	15.07	15.18	15.00	17.0	0.0
40	QPSK	50	28	15.09	15.21	15.09		
40	QPSK	50	56	15.04	15.11	15.04		
40	QPSK	100	0	15.06	15.19	15.02	17.0	0.0
40	16QAM	1	1	15.02	15.15	15.07	17.0	0.0
40	64QAM	1	1	15.05	15.18	15.05	17.0	0.0
40	256QAM	1	1	15.02	15.13	15.06	17.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	15.01	15.19	15.02	17.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.04	15.15	15.08	17.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.06	15.19	15.04	17.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.99	15.16	15.03	17.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	14.62	14.67	14.70	16.0	0.0
100	PI/2 BPSK	1	137	14.62	14.70	14.70		
100	PI/2 BPSK	1	271	14.58	14.74	14.66		
100	PI/2 BPSK	135	0	14.58	14.66	14.72	16.0	0.0
100	PI/2 BPSK	135	69	14.64	14.74	14.73	16.0	0.0
100	PI/2 BPSK	135	138	14.59	14.71	14.71	16.0	0.0
100	PI/2 BPSK	270	0	14.62	14.75	14.65		
100	QPSK	1	1	14.71	14.79	14.77	16.0	0.0
100	QPSK	1	137	14.64	14.71	14.73		
100	QPSK	1	271	14.66	14.75	14.75		
100	QPSK	135	0	14.60	14.72	14.67	16.0	0.0
100	QPSK	135	69	14.67	14.76	14.75		
100	QPSK	135	138	14.66	14.75	14.67		
100	QPSK	270	0	14.66	14.75	14.69	16.0	0.0
100	16QAM	1	1	14.64	14.74	14.68	16.0	0.0
100	64QAM	1	1	14.65	14.73	14.66	16.0	0.0
100	256QAM	1	1	14.62	14.71	14.69	16.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	14.61	14.73	14.66	16.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	14.58	14.70	14.67	16.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	14.59	14.66	14.71	16.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	14.65	14.75	14.72	16.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	14.57	14.67	14.73	16.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	14.59	14.73	14.66	16.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.61	14.68	14.69	16.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	14.66	14.74	14.73	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.66	14.71	14.66	16.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.59	14.72	14.68	16.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.65	14.71	14.71	16.0	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.71		16.0	0.0
100	PI/2 BPSK	1	137		14.68			
100	PI/2 BPSK	1	271		14.73			
100	PI/2 BPSK	135	0		14.72		16.0	0.0
100	PI/2 BPSK	135	69		14.65		16.0	0.0
100	PI/2 BPSK	135	138		14.70		16.0	0.0
100	PI/2 BPSK	270	0		14.74			
100	QPSK	1	1		14.84		16.0	0.0
100	QPSK	1	137		14.82			
100	QPSK	1	271		14.83			
100	QPSK	135	0		14.68		16.0	0.0
100	QPSK	135	69		14.75			
100	QPSK	135	138		14.67			
100	QPSK	270	0		14.67		16.0	0.0
100	16QAM	1	1		14.66		16.0	0.0
100	64QAM	1	1		14.74		16.0	0.0
100	256QAM	1	1		14.65		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.66	14.65	14.74	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.56	14.58	14.69	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.61	14.64	14.73	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.64	14.63	14.65	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.65	14.55	14.68	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.58	14.60	14.71	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.63	14.64	14.70	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.57	14.60	14.64	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.62	14.59	14.71	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.64	14.62	14.70	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.57	14.62	14.66	16.0	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.68	14.90	14.66	16.0	0.0
100	PI/2 BPSK	1	137	14.74	14.87	14.69		
100	PI/2 BPSK	1	271	14.75	14.81	14.70		
100	PI/2 BPSK	135	0	14.72	14.89	14.74	16.0	0.0
100	PI/2 BPSK	135	69	14.75	14.85	14.69	16.0	0.0
100	PI/2 BPSK	135	138	14.68	14.86	14.69	16.0	0.0
100	PI/2 BPSK	270	0	14.77	14.82	14.73		
100	QPSK	1	1	14.93	15.01	14.92	16.0	0.0
100	QPSK	1	137	14.76	14.85	14.79		
100	QPSK	1	271	14.76	14.85	14.80		
100	QPSK	135	0	14.74	14.84	14.68	16.0	0.0
100	QPSK	135	69	14.78	14.91	14.76		
100	QPSK	135	138	14.70	14.83	14.69		
100	QPSK	270	0	14.72	14.85	14.73	16.0	0.0
100	16QAM	1	1	14.70	14.86	14.66	16.0	0.0
100	64QAM	1	1	14.77	14.86	14.69	16.0	0.0
100	256QAM	1	1	14.76	14.86	14.73	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.68	14.83	14.75	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.74	14.84	14.72	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.75	14.81	14.69	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.70	14.87	14.67	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.72	14.89	14.69	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.70	14.87	14.75	16.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.75	14.90	14.70	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.76	14.81	14.69	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.75	14.83	14.71	16.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.73	14.83	14.66	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.72	14.86	14.71	16.0	0.0

Part96_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	14.50	14.65	14.43	16.0	0.0
100	PI/2 BPSK	1	137	14.44	14.64	14.45		
100	PI/2 BPSK	1	271	14.51	14.71	14.50		
100	PI/2 BPSK	135	0	14.45	14.70	14.48	16.0	0.0
100	PI/2 BPSK	135	69	14.46	14.65	14.49	16.0	0.0
100	PI/2 BPSK	135	138	14.50	14.65	14.46	16.0	0.0
100	PI/2 BPSK	270	0	14.53	14.69	14.49		
100	QPSK	1	1	14.62	14.75	14.58	16.0	0.0
100	QPSK	1	137	14.59	14.71	14.52		
100	QPSK	1	271	14.60	14.72	14.49		
100	QPSK	135	0	14.52	14.71	14.48	16.0	0.0
100	QPSK	135	69	14.54	14.72	14.52		
100	QPSK	135	138	14.51	14.69	14.47		
100	QPSK	270	0	14.46	14.67	14.51	16.0	0.0
100	16QAM	1	1	14.48	14.70	14.44	16.0	0.0
100	64QAM	1	1	14.48	14.62	14.48	16.0	0.0
100	256QAM	1	1	14.48	14.67	14.47	16.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	14.47	14.65	14.42	16.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	14.46	14.67	14.49	16.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	14.48	14.70	14.49	16.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	14.53	14.67	14.50	16.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	14.53	14.62	14.43	16.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	14.49	14.65	14.49	16.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.98		
30	QPSK	1	1	14.44	14.69	14.49	16.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	14.49	14.71	14.42	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.52	14.71	14.43	16.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.52	14.65	14.46	16.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.45	14.69	14.42	16.0	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.73		16.0	0.0
100	PI/2 BPSK	1	137		14.76			
100	PI/2 BPSK	1	271		14.76			
100	PI/2 BPSK	135	0		14.76		16.0	0.0
100	PI/2 BPSK	135	69		14.69		16.0	0.0
100	PI/2 BPSK	135	138		14.77		16.0	0.0
100	PI/2 BPSK	270	0		14.68			
100	QPSK	1	1		14.86		16.0	0.0
100	QPSK	1	137		14.76			
100	QPSK	1	271		14.85			
100	QPSK	135	0		14.70		16.0	0.0
100	QPSK	135	69		14.78			
100	QPSK	135	138		14.68			
100	QPSK	270	0		14.77		16.0	0.0
100	16QAM	1	1		14.77		16.0	0.0
100	64QAM	1	1		14.68		16.0	0.0
100	256QAM	1	1		14.71		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.76	14.71	14.75	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.67	14.63	14.67	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.72	14.65	14.73	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.67	14.68	14.71	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.69	14.66	14.71	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.69	14.68	14.68	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.75	14.62	14.69	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.73	14.69	14.66	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.72	14.67	14.66	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.69	14.64	14.72	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.69	14.63	14.73	16.0	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.73		16.0	0.0
100	PI/2 BPSK	1	137		14.74			
100	PI/2 BPSK	1	271		14.73			
100	PI/2 BPSK	135	0		14.78		16.0	0.0
100	PI/2 BPSK	135	69		14.76		16.0	0.0
100	PI/2 BPSK	135	138		14.71		16.0	0.0
100	PI/2 BPSK	270	0		14.72			
100	QPSK	1	1		14.86		16.0	0.0
100	QPSK	1	137		14.78			
100	QPSK	1	271		14.81			
100	QPSK	135	0		14.71		16.0	0.0
100	QPSK	135	69		14.79			
100	QPSK	135	138		14.74			
100	QPSK	270	0		14.72		16.0	0.0
100	16QAM	1	1		14.75		16.0	0.0
100	64QAM	1	1		14.77		16.0	0.0
100	256QAM	1	1		14.74		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.73	14.76	14.78	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.69	14.67	14.71	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.70	14.66	14.74	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.64	14.75	14.70	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.69	14.69	14.69	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.66	14.67	14.69	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.63	14.68	14.70	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.65	14.66	14.68	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.71	14.72	14.74	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.64	14.71	14.74	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.70	14.71	14.75	16.0	0.0

Reduced Power Mode for Hotspot on

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.38	20.42	20.40	22.0	0.0
40	PI/2 BPSK	1	108	20.43	20.34	20.29		
40	PI/2 BPSK	1	214	20.33	20.44	20.34		
40	PI/2 BPSK	108	0	20.27	20.41	20.16	22.0	0.0
40	PI/2 BPSK	108	54	20.42	20.45	20.15	22.0	0.0
40	PI/2 BPSK	108	108	20.27	20.42	20.31	22.0	0.0
40	PI/2 BPSK	216	0	20.35	20.52	20.40		
40	QPSK	1	1	20.46	20.53	20.42	22.0	0.0
40	QPSK	1	108	20.43	20.41	20.22		
40	QPSK	1	214	20.21	20.41	20.25		
40	QPSK	108	0	20.37	20.38	20.16	22.0	0.0
40	QPSK	108	54	20.39	20.40	20.28	22.0	0.0
40	QPSK	108	108	20.28	20.38	20.21	22.0	0.0
40	QPSK	216	0	20.32	20.38	20.31		
40	16QAM	1	1	20.34	20.50	20.25	22.0	0.0
40	64QAM	1	1	20.36	20.32	20.37	22.0	0.0
40	256QAM	1	1	19.26	19.11	19.08	20.5	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.36	20.21	20.14	22.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.34	20.17	20.28	22.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.24	20.18	20.26	22.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.36	20.38	20.19	22.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.29	20.32	20.36	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.17	20.29	20.19	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.19	20.16	20.18	22.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n7_Ant 3

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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.34	18.37	18.36	20.0	0.0
50	PI/2 BPSK	1	135	18.32	18.37	18.40		
50	PI/2 BPSK	1	268	18.26	18.40	18.32		
50	PI/2 BPSK	135	0	18.31	18.39	18.35	20.0	0.0
50	PI/2 BPSK	135	68	18.30	18.41	18.39	20.0	0.0
50	PI/2 BPSK	135	135	18.29	18.42	18.40	20.0	0.0
50	PI/2 BPSK	270	0	18.25	18.38	18.36		
50	QPSK	1	1	18.45	18.52	18.43	20.0	0.0
50	QPSK	1	135	18.38	18.42	18.36		
50	QPSK	1	268	18.39	18.48	18.38		
50	QPSK	135	0	18.34	18.40	18.37	20.0	0.0
50	QPSK	135	68	18.35	18.45	18.41	20.0	0.0
50	QPSK	135	135	18.32	18.38	18.33	20.0	0.0
50	QPSK	270	0	18.26	18.38	18.35		
50	16QAM	1	1	18.25	18.41	18.33	20.0	0.0
50	64QAM	1	1	18.26	18.35	18.40	20.0	0.0
50	256QAM	1	1	18.31	18.35	18.35	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.27	18.39	18.40	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.30	18.39	18.35	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.25	18.43	18.39	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.31	18.36	18.36	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.28	18.40	18.38	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.28	18.38	18.40	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.26	18.42	18.39	20.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.43	20.53	20.41	22.0	0.0
40	PI/2 BPSK	1	108	20.45	20.52	20.42		
40	PI/2 BPSK	1	214	20.41	20.51	20.38		
40	PI/2 BPSK	108	0	20.44	20.50	20.42	22.0	0.0
40	PI/2 BPSK	108	54	20.43	20.52	20.40	22.0	0.0
40	PI/2 BPSK	108	108	20.46	20.44	20.43	22.0	0.0
40	PI/2 BPSK	216	0	20.40	20.45	20.43		
40	QPSK	1	1	20.52	20.62	20.57	22.0	0.0
40	QPSK	1	108	20.45	20.58	20.48		
40	QPSK	1	214	20.47	20.54	20.49		
40	QPSK	108	0	20.41	20.51	20.44	22.0	0.0
40	QPSK	108	54	20.49	20.54	20.47	22.0	0.0
40	QPSK	108	108	20.42	20.48	20.41	22.0	0.0
40	QPSK	216	0	20.38	20.51	20.38		
40	16QAM	1	1	20.44	20.47	20.45	22.0	0.0
40	64QAM	1	1	20.46	20.44	20.38	22.0	0.0
40	256QAM	1	1	19.47	19.27	19.24	20.5	1.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.39	20.46	20.40	22.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.42	20.52	20.44	22.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.39	20.53	20.43	22.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.46	20.53	20.39	22.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.45	20.46	20.41	22.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.41	20.44	20.41	22.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.40	20.44	20.43	22.0	0.0

n30_Ant 3

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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.71		19.0	0.0
10	PI/2 BPSK	1	26		18.66			
10	PI/2 BPSK	1	50		18.66			
10	PI/2 BPSK	25	0		18.64		19.0	0.0
10	PI/2 BPSK	25	14		18.72		19.0	0.0
10	PI/2 BPSK	25	27		18.65		19.0	0.0
10	PI/2 BPSK	50	0		18.66			
10	QPSK	1	1		18.78		19.0	0.0
10	QPSK	1	26		18.70			
10	QPSK	1	50		18.70			
10	QPSK	25	0		18.64		19.0	0.0
10	QPSK	25	14		18.73		19.0	0.0
10	QPSK	25	27		18.69		19.0	0.0
10	QPSK	50	0		18.69			
10	16QAM	1	1		18.70		19.0	0.0
10	64QAM	1	1		18.71		19.0	0.0
10	256QAM	1	1		18.71		19.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.70	18.68	18.71	19.0	0.0

n66_Ant 3

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				345500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.24	23.36	23.26	23.5	0.0
45	PI/2 BPSK	1	122	23.17	23.32	23.24		
45	PI/2 BPSK	1	243	23.20	23.31	23.24		
45	PI/2 BPSK	120	0	23.18	23.33	23.24	23.5	0.0
45	PI/2 BPSK	120	60	23.18	23.27	23.20	23.5	0.0
45	PI/2 BPSK	120	122	23.26	23.35	23.27	23.5	0.0
45	PI/2 BPSK	243	0	23.18	23.34	23.23		
45	QPSK	1	1	23.27	23.41	23.28	23.5	0.0
45	QPSK	1	122	23.26	23.34	23.27		
45	QPSK	1	243	23.20	23.28	23.19		
45	QPSK	120	0	23.12	23.29	23.17	23.5	0.0
45	QPSK	120	60	23.20	23.34	23.24	23.5	0.0
45	QPSK	120	122	23.18	23.25	23.22	23.5	0.0
45	QPSK	243	0	23.19	23.28	23.21		
45	16QAM	1	1	22.95	23.06	23.16	23.5	0.0
45	64QAM	1	1	21.45	21.60	21.78	22.5	1.0
45	256QAM	1	1	20.00	20.20	20.42	20.5	3.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.26	23.35	23.27	23.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.20	23.28	23.23	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.20	23.35	23.22	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.18	23.27	23.23	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.25	23.31	23.19	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.26	23.34	23.19	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.17	23.33	23.24	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.22	23.28	23.22	23.5	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.07	23.12	23.11	25.0	0.0
30	PI/2 BPSK	1	80	23.04	23.07	23.06		
30	PI/2 BPSK	1	158	23.00	23.05	23.08		
30	PI/2 BPSK	80	0	22.70	22.72	22.72	24.5	0.5
30	PI/2 BPSK	80	40	23.11	23.20	23.07	25.0	0.0
30	PI/2 BPSK	80	80	22.59	22.70	22.64	24.5	0.5
30	PI/2 BPSK	160	0	22.62	22.69	22.64		
30	QPSK	1	1	23.25	23.29	23.20	25.0	0.0
30	QPSK	1	80	23.19	23.19	23.05		
30	QPSK	1	158	23.14	23.17	23.04		
30	QPSK	80	0	22.17	22.23	22.17	24.0	1.0
30	QPSK	80	40	23.08	23.22	23.17	25.0	0.0
30	QPSK	80	80	22.16	22.23	22.21	24.0	1.0
30	QPSK	160	0	22.14	22.20	22.07		
30	16QAM	1	1	22.06	22.01	22.03	24.0	1.0
30	64QAM	1	1	20.59	20.51	20.51	22.5	2.5
30	256QAM	1	1	18.94	19.00	18.99	20.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.13	23.08	23.10	25.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.12	23.25	23.07	25.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.17	23.22	23.18	25.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.15	23.16	23.05	25.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.23	23.22	23.05	25.0	0.0

n38_Ant 3

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.51	20.58	20.55	21.5	0.0
40	PI/2 BPSK	1	53	20.52	20.59	20.55		
40	PI/2 BPSK	1	104	20.51	20.61	20.57		
40	PI/2 BPSK	50	0	20.54	20.66	20.63	21.5	0.0
40	PI/2 BPSK	50	28	20.59	20.58	20.55	21.5	0.0
40	PI/2 BPSK	50	56	20.56	20.60	20.62	21.5	0.0
40	PI/2 BPSK	100	0	20.56	20.62	20.55		
40	QPSK	1	1	20.61	20.78	20.65	21.5	0.0
40	QPSK	1	53	20.56	20.64	20.57		
40	QPSK	1	104	20.59	20.66	20.61		
40	QPSK	50	0	20.42	20.53	20.49	21.5	0.0
40	QPSK	50	28	20.52	20.63	20.55		
40	QPSK	50	56	20.47	20.57	20.54		
40	QPSK	100	0	20.43	20.60	20.50	21.5	0.0
40	16QAM	1	1	20.46	20.54	20.51	21.5	0.0
40	64QAM	1	1	19.90	19.87	19.82	21.5	0.0
40	256QAM	1	1	18.49	18.49	18.51	19.5	2.0
Channel				517500	519000	520500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2587.5	2595	2602.5		
35	QPSK	1	1	20.58	20.59	20.57	21.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.60	20.64	20.59	21.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.54	20.60	20.55	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.56	20.60	20.58	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.51	20.66	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.58	20.58	20.57	21.5	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.24	20.34	20.11	21.5	0.0
100	PI/2 BPSK	1	137	20.27	20.32	20.11		
100	PI/2 BPSK	1	271	20.28	20.31	20.15		
100	PI/2 BPSK	135	0	20.28	20.30	20.17	21.5	0.0
100	PI/2 BPSK	135	69	20.20	20.36	20.19	21.5	0.0
100	PI/2 BPSK	135	138	20.22	20.31	20.14	21.5	0.0
100	PI/2 BPSK	270	0	20.21	20.28	20.17		
100	QPSK	1	1	20.40	20.41	20.31	21.5	0.0
100	QPSK	1	137	20.37	20.34	20.27		
100	QPSK	1	271	20.32	20.39	20.26		
100	QPSK	135	0	20.25	20.34	20.18	21.5	0.0
100	QPSK	135	69	20.30	20.37	20.21		
100	QPSK	135	138	20.24	20.27	20.20		
100	QPSK	270	0	20.20	20.31	20.16	21.5	0.0
100	16QAM	1	1	20.28	20.34	20.13	21.5	0.0
100	64QAM	1	1	20.22	20.34	20.11	21.5	0.0
100	256QAM	1	1	20.20	20.34	20.19	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.22	20.34	20.16	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.22	20.30	20.17	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.26	20.29	20.19	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.25	20.36	20.11	21.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.25	20.28	20.13	21.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.29	20.29	20.17	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.29	20.35	20.19	21.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.28	20.28	20.14	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.24	20.30	20.13	21.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.21	20.29	20.16	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.23	20.32	20.13	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.27	20.31	20.11	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.23	20.27	20.19	21.5	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	646332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.63	19.75	19.67	21.5	0.0
40	PI/2 BPSK	1	53	19.65	19.71	19.71		
40	PI/2 BPSK	1	104	19.62	19.68	19.66		
40	PI/2 BPSK	50	0	19.63	19.67	19.62	21.5	0.0
40	PI/2 BPSK	50	28	19.70	19.75	19.65	21.5	0.0
40	PI/2 BPSK	50	56	19.66	19.74	19.62	21.5	0.0
40	PI/2 BPSK	100	0	19.65	19.71	19.62		
40	QPSK	1	1	19.72	19.76	19.72	21.5	0.0
40	QPSK	1	53	19.64	19.74	19.65		
40	QPSK	1	104	19.65	19.70	19.62		
40	QPSK	50	0	19.59	19.64	19.54	21.5	0.0
40	QPSK	50	28	19.68	19.69	19.63		
40	QPSK	50	56	19.62	19.68	19.53		
40	QPSK	100	0	19.58	19.60	19.55	21.5	0.0
40	16QAM	1	1	19.63	19.60	19.53	21.5	0.0
40	64QAM	1	1	19.33	19.46	19.42	21.5	0.0
40	256QAM	1	1	17.90	17.98	17.89	19.5	2.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.69	19.72	19.68	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.63	19.72	19.67	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.69	19.68	19.66	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.71	19.73	19.62	21.5	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	20.11	20.13	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.06	20.16	20.01		
100	PI/2 BPSK	1	271	20.11	20.17	20.02		
100	PI/2 BPSK	135	0	20.06	20.14	20.01	21.5	0.0
100	PI/2 BPSK	135	69	20.07	20.16	20.08	21.5	0.0
100	PI/2 BPSK	135	138	20.04	20.14	20.10	21.5	0.0
100	PI/2 BPSK	270	0	20.04	20.19	20.10		
100	QPSK	1	1	20.25	20.29	20.22	21.5	0.0
100	QPSK	1	137	20.22	20.25	20.17		
100	QPSK	1	271	20.21	20.23	20.17		
100	QPSK	135	0	20.08	20.21	20.14	21.5	0.0
100	QPSK	135	69	20.15	20.24	20.17		
100	QPSK	135	138	20.14	20.21	20.14		
100	QPSK	270	0	20.12	20.23	20.11	21.5	0.0
100	16QAM	1	1	20.04	20.13	20.10	21.5	0.0
100	64QAM	1	1	20.11	20.16	20.04	21.5	0.0
100	256QAM	1	1	20.08	20.22	20.07	21.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	20.03	20.17	20.05	21.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	20.03	20.20	20.09	21.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	20.03	20.21	20.09	21.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	20.09	20.21	20.09	21.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	20.08	20.15	20.07	21.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	20.06	20.18	20.07	21.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.98		
30	QPSK	1	1	20.06	20.15	20.09	21.5	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	20.07	20.21	20.10	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.02	20.20	20.08	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.03	20.14	20.07	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.06	20.14	20.03	21.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.25		21.5	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.27			
100	PI/2 BPSK	135	0		20.29		21.5	0.0
100	PI/2 BPSK	135	69		20.24		21.5	0.0
100	PI/2 BPSK	135	138		20.24		21.5	0.0
100	PI/2 BPSK	270	0		20.26			
100	QPSK	1	1		20.41		21.5	0.0
100	QPSK	1	137		20.40			
100	QPSK	1	271		20.36			
100	QPSK	135	0		20.29		21.5	0.0
100	QPSK	135	69		20.31			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.22		21.5	0.0
100	16QAM	1	1		20.25		21.5	0.0
100	64QAM	1	1		20.24		21.5	0.0
100	256QAM	1	1		20.28		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.23	20.30	20.27	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.13	20.23	20.26	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.13	20.23	20.20	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.19	20.26	20.26	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.13	20.24	20.17	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.15	20.28	20.23	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.14	20.20	20.20	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.20	20.29	20.24	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.13	20.25	20.23	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.14	20.26	20.19	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.20	20.27	20.26	21.5	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.36	20.45	20.29	21.5	0.0
100	PI/2 BPSK	1	137	20.35	20.42	20.32		
100	PI/2 BPSK	1	271	20.31	20.38	20.33		
100	PI/2 BPSK	135	0	20.29	20.42	20.31	21.5	0.0
100	PI/2 BPSK	135	69	20.32	20.40	20.37	21.5	0.0
100	PI/2 BPSK	135	138	20.32	20.42	20.36	21.5	0.0
100	PI/2 BPSK	270	0	20.35	20.44	20.31		
100	QPSK	1	1	20.41	20.53	20.48	21.5	0.0
100	QPSK	1	137	20.33	20.50	20.42		
100	QPSK	1	271	20.34	20.47	20.40		
100	QPSK	135	0	20.35	20.43	20.29	21.5	0.0
100	QPSK	135	69	20.37	20.46	20.38		
100	QPSK	135	138	20.32	20.36	20.28		
100	QPSK	270	0	20.29	20.45	20.31	21.5	0.0
100	16QAM	1	1	20.27	20.37	20.30	21.5	0.0
100	64QAM	1	1	20.30	20.38	20.32	21.5	0.0
100	256QAM	1	1	20.31	20.42	20.28	21.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.36	20.44	20.34	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.36	20.36	20.32	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.30	20.36	20.29	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.35	20.44	20.35	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.31	20.41	20.28	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.36	20.40	20.35	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.27	20.38	20.32	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.33	20.45	20.33	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.28	20.44	20.32	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.34	20.37	20.29	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.35	20.40	20.37	21.5	0.0

Part96_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	20.11	20.15	20.07	21.5
100	PI/2 BPSK	1	137	20.12	20.12	20.01	
100	PI/2 BPSK	1	271	20.10	20.07	20.07	
100	PI/2 BPSK	135	0	20.05	20.16	20.03	21.5
100	PI/2 BPSK	135	69	20.08	20.14	20.04	21.5
100	PI/2 BPSK	135	138	20.06	20.13	20.07	21.5
100	PI/2 BPSK	270	0	20.05	20.07	19.98	
100	QPSK	1	1	20.17	20.25	20.14	21.5
100	QPSK	1	137	20.12	20.16	20.09	
100	QPSK	1	271	20.15	20.15	20.09	
100	QPSK	135	0	20.12	20.10	20.02	21.5
100	QPSK	135	69	20.14	20.17	20.08	
100	QPSK	135	138	20.12	20.16	19.98	
100	QPSK	270	0	20.09	20.10	19.99	21.5
100	16QAM	1	1	20.06	20.13	19.99	21.5
100	64QAM	1	1	20.10	20.07	20.06	21.5
100	256QAM	1	1	20.06	20.10	19.98	21.5
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	QPSK	1	1	20.11	20.14	19.99	21.5
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	QPSK	1	1	20.05	20.09	20.00	21.5
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	QPSK	1	1	20.12	20.11	20.05	21.5
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	QPSK	1	1	20.09	20.09	19.99	21.5
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	QPSK	1	1	20.07	20.09	20.01	21.5
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	QPSK	1	1	20.08	20.15	20.04	21.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	QPSK	1	1	20.08	20.16	19.99	21.5
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	QPSK	1	1	20.06	20.16	19.98	21.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	QPSK	1	1	20.13	20.11	20.00	21.5
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	QPSK	1	1	20.09	20.13	20.07	21.5
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	QPSK	1	1	20.08	20.08	20.01	21.5

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16		21.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.13		21.5	0.0
100	PI/2 BPSK	135	69		20.07		21.5	0.0
100	PI/2 BPSK	135	138		20.16		21.5	0.0
100	PI/2 BPSK	270	0		20.09			
100	QPSK	1	1		20.26		21.5	0.0
100	QPSK	1	137		20.21			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.15		21.5	0.0
100	QPSK	135	69		20.17			
100	QPSK	135	138		20.15			
100	QPSK	270	0		20.09		21.5	0.0
100	16QAM	1	1		20.09		21.5	0.0
100	64QAM	1	1		20.09		21.5	0.0
100	256QAM	1	1		20.07		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.09	20.16	20.10	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.08	20.12	20.09	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.04	20.06	20.06	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.06	20.12	20.02	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.05	20.09	20.09	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.01	20.12	20.03	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.08	20.13	20.03	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.07	20.14	20.03	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.02	20.11	20.08	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.03	20.08	20.03	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.08	20.13	20.02	21.5	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.97		21.5	0.0
100	PI/2 BPSK	1	137		19.94			
100	PI/2 BPSK	1	271		20.00			
100	PI/2 BPSK	135	0		19.95		21.5	0.0
100	PI/2 BPSK	135	69		19.93		21.5	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.0
100	PI/2 BPSK	270	0		19.92			
100	QPSK	1	1		20.10		21.5	0.0
100	QPSK	1	137		20.06			
100	QPSK	1	271		20.02			
100	QPSK	135	0		20.00		21.5	0.0
100	QPSK	135	69		20.02			
100	QPSK	135	138		19.99			
100	QPSK	270	0		19.95		21.5	0.0
100	16QAM	1	1		20.01		21.5	0.0
100	64QAM	1	1		20.01		21.5	0.0
100	256QAM	1	1		19.99		21.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.96	19.96	20.00	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.95	19.91	19.96	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.86	19.92	19.92	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.89	19.92	19.96	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.94	19.88	19.98	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.86	19.93	19.91	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.95	19.94	19.95	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.92	19.88	19.97	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.87	19.88	19.97	21.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.86	19.95	19.92	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.94	19.88	19.91	21.5	0.0

Full & Default Power_ENDC

Band 2_Ant 3

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	24.05	24.15	23.98	25	0
20	QPSK	1	49	23.97	23.82	23.91		
20	QPSK	1	99	23.76	23.98	23.85		
20	QPSK	50	0	22.91	23.04	22.88	24	1
20	QPSK	50	24	22.90	22.84	22.86		
20	QPSK	50	50	22.87	22.83	22.87		
20	QPSK	100	0	22.85	22.93	22.89		
20	16QAM	1	0	23.38	23.20	23.27	24	1
20	16QAM	1	49	23.05	23.13	23.27		
20	16QAM	1	99	22.98	23.15	23.38		
20	16QAM	50	0	22.05	21.93	21.87	23	2
20	16QAM	50	24	21.90	21.82	21.84		
20	16QAM	50	50	21.84	21.85	21.84		
20	16QAM	100	0	21.91	21.88	21.82		
20	64QAM	1	0	22.04	22.13	22.05	23	2
20	64QAM	1	49	22.20	22.21	22.07		
20	64QAM	1	99	21.80	22.03	22.18		
20	64QAM	50	0	21.01	20.83	20.92	22	3
20	64QAM	50	24	20.94	20.78	20.93		
20	64QAM	50	50	20.81	20.75	20.92		
20	64QAM	100	0	20.94	20.79	20.93		
20	256QAM	1	0	18.83	18.93	18.92	20	5
20	256QAM	1	49	19.12	19.08	19.05		
20	256QAM	1	99	19.08	19.05	19.08		
20	256QAM	50	0	18.79	18.94	19.02	20	5
20	256QAM	50	24	19.03	18.96	19.00		
20	256QAM	50	50	19.01	18.92	18.91		
20	256QAM	100	0	18.78	18.92	18.87		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.98	24.08	23.90	25	0
15	QPSK	1	37	23.95	23.82	23.78		
15	QPSK	1	74	23.60	23.95	23.67		
15	QPSK	36	0	22.75	23.03	22.83	24	1
15	QPSK	36	20	22.87	22.67	22.81		
15	QPSK	36	39	22.77	22.68	22.78		
15	QPSK	75	0	22.85	22.76	22.85		
15	16QAM	1	0	23.23	23.08	23.12	24	1
15	16QAM	1	37	22.91	23.09	23.11		
15	16QAM	1	74	22.86	23.15	23.27		
15	16QAM	36	0	21.90	21.77	21.83	23	2
15	16QAM	36	20	21.74	21.65	21.74		
15	16QAM	36	39	21.75	21.85	21.78		
15	16QAM	75	0	21.81	21.70	21.74		
15	64QAM	1	0	21.87	22.00	21.91	23	2
15	64QAM	1	37	22.20	22.21	21.90		
15	64QAM	1	74	21.73	21.84	22.06		
15	64QAM	36	0	21.00	20.82	20.88	22	3
15	64QAM	36	20	20.85	20.67	20.79		
15	64QAM	36	39	20.61	20.70	20.73		
15	64QAM	75	0	20.80	20.75	20.80		
15	256QAM	1	0	18.92	18.90	18.85	20	5
15	256QAM	1	37	19.10	19.12	19.15		
15	256QAM	1	74	18.97	19.09	19.06		
15	256QAM	36	0	18.64	18.81	18.99	20	5
15	256QAM	36	20	18.94	19.01	18.91		
15	256QAM	36	39	18.94	18.77	18.85		
15	256QAM	75	0	18.68	18.85	18.85		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.12	23.89	23.90	25	0
10	QPSK	1	25	24.02	23.82	23.86		
10	QPSK	1	49	23.89	23.82	24.01		
10	QPSK	25	0	23.09	22.88	22.95	24	1
10	QPSK	25	12	23.02	22.87	22.97		
10	QPSK	25	25	22.95	22.87	22.98		
10	QPSK	50	0	22.99	22.91	22.93		
10	16QAM	1	0	22.93	22.89	22.76	24	1
10	16QAM	1	25	23.14	23.10	23.00		
10	16QAM	1	49	23.10	22.92	22.86		
10	16QAM	25	0	22.13	21.97	21.94	23	2
10	16QAM	25	12	22.02	21.87	21.93		
10	16QAM	25	25	21.93	21.83	22.04		
10	16QAM	50	0	22.00	21.91	22.01		
10	64QAM	1	0	22.29	22.21	22.16	23	2
10	64QAM	1	25	22.20	22.12	22.10		
10	64QAM	1	49	22.18	22.04	22.28		
10	64QAM	25	0	21.16	20.88	20.97	22	3
10	64QAM	25	12	20.98	20.79	21.06		
10	64QAM	25	25	21.03	20.76	21.11		
10	64QAM	50	0	21.05	20.84	21.01		
10	256QAM	1	0	18.82	18.85	18.88	20	5
10	256QAM	1	25	19.09	19.10	18.96		
10	256QAM	1	49	18.94	18.91	19.07		
10	256QAM	25	0	18.71	19.01	18.93	20	5
10	256QAM	25	12	18.91	19.00	19.07		
10	256QAM	25	25	18.87	18.86	18.88		
10	256QAM	50	0	18.80	18.81	18.90		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	23.85	24.03	25	0
5	QPSK	1	12	24.04	23.81	24.12		
5	QPSK	1	24	23.97	24.00	24.10		
5	QPSK	12	0	23.07	22.90	22.97	24	1
5	QPSK	12	7	23.03	22.87	22.96		
5	QPSK	12	13	23.03	22.82	23.02		
5	QPSK	25	0	23.06	22.92	23.00		
5	16QAM	1	0	23.47	23.37	23.37	24	1
5	16QAM	1	12	23.52	23.32	23.56		
5	16QAM	1	24	23.61	23.42	23.41		
5	16QAM	12	0	22.13	21.93	21.94	23	2
5	16QAM	12	7	22.07	21.76	22.04		
5	16QAM	12	13	22.02	21.90	22.04		
5	16QAM	25	0	22.08	21.90	22.02		
5	64QAM	1	0	22.29	21.96	22.22	23	2
5	64QAM	1	12	22.35	22.28	21.90		
5	64QAM	1	24	21.77	22.09	21.81		
5	64QAM	12	0	21.24	20.96	21.17	22	3
5	64QAM	12	7	21.18	20.88	21.21		
5	64QAM	12	13	21.13	20.84	21.16		
5	64QAM	25	0	21.18	20.92	21.17		
5	256QAM	1	0	18.89	18.90	18.93	20	5
5	256QAM	1	12	19.19	19.02	18.94		
5	256QAM	1	24	19.14	18.92	19.06		
5	256QAM	12	0	18.89	18.87	19.00	20	5
5	256QAM	12	7	19.03	19.00	19.00		
5	256QAM	12	13	19.04	18.84	18.86		
5	256QAM	25	0	18.80	18.97	18.90		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.90	24.02	23.93	25	0
3	QPSK	1	8	23.97	23.75	23.76		
3	QPSK	1	14	23.67	23.91	23.66		
3	QPSK	8	0	22.88	23.01	22.80	24	1
3	QPSK	8	4	22.79	22.75	22.80		
3	QPSK	8	7	22.71	22.74	22.73		
3	QPSK	15	0	22.77	22.83	22.72		
3	16QAM	1	0	23.38	23.06	23.26	24	1
3	16QAM	1	8	23.05	23.04	23.11		
3	16QAM	1	14	22.81	23.00	23.37		
3	16QAM	8	0	22.05	21.84	21.69	23	2
3	16QAM	8	4	21.88	21.81	21.74		
3	16QAM	8	7	21.65	21.79	21.67		
3	16QAM	15	0	21.89	21.73	21.77		
3	64QAM	1	0	21.99	21.98	21.89	23	2
3	64QAM	1	8	22.17	22.10	22.05		
3	64QAM	1	14	21.71	22.00	21.99		
3	64QAM	8	0	20.83	20.63	20.79	22	3
3	64QAM	8	4	20.87	20.58	20.83		
3	64QAM	8	7	20.77	20.73	20.90		
3	64QAM	15	0	20.89	20.73	20.73		
3	256QAM	1	0	18.92	19.02	18.81	20	5
3	256QAM	1	8	19.04	19.10	18.95		
3	256QAM	1	14	18.96	18.94	19.13		
3	256QAM	8	0	18.87	18.86	18.90	20	5
3	256QAM	8	4	19.05	19.03	19.01		
3	256QAM	8	7	19.06	18.97	18.97		
3	256QAM	15	0	18.82	18.86	18.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.06	23.79	23.90	25	0
1.4	QPSK	1	3	23.96	23.77	23.93		
1.4	QPSK	1	5	23.92	23.75	24.07		
1.4	QPSK	3	0	24.03	23.77	23.93		
1.4	QPSK	3	1	23.95	23.86	23.97		
1.4	QPSK	3	3	24.02	23.81	24.00		
1.4	QPSK	6	0	23.01	22.76	23.01	24	1
1.4	16QAM	1	0	23.46	22.97	23.05	24	1
1.4	16QAM	1	3	23.13	23.22	23.19		
1.4	16QAM	1	5	23.43	23.23	23.33		
1.4	16QAM	3	0	23.06	22.93	23.13		
1.4	16QAM	3	1	23.03	22.82	22.99		
1.4	16QAM	3	3	22.94	22.78	23.03		
1.4	16QAM	6	0	22.03	21.93	21.93	23	2
1.4	64QAM	1	0	22.39	22.16	22.15	23	2
1.4	64QAM	1	3	22.24	22.13	22.21		
1.4	64QAM	1	5	22.13	21.99	22.12		
1.4	64QAM	3	0	22.09	22.05	22.02		
1.4	64QAM	3	1	22.11	22.03	22.20		
1.4	64QAM	3	3	22.34	22.03	22.21		
1.4	64QAM	6	0	21.17	20.81	21.02	22	3
1.4	256QAM	1	0	18.78	18.99	18.80	20	5
1.4	256QAM	1	3	19.12	19.17	18.96		
1.4	256QAM	1	5	19.08	18.99	18.94		
1.4	256QAM	3	0	18.80	19.02	19.05		
1.4	256QAM	3	1	19.06	18.93	18.97		
1.4	256QAM	3	3	19.03	18.83	18.98		
1.4	256QAM	6	0	18.87	19.02	18.81	20	5

Band 2_Ant 2(ENDC)

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	22.57	22.62	22.49	24	0
20	QPSK	1	49	22.50	22.52	22.37		
20	QPSK	1	99	22.43	22.50	22.41		
20	QPSK	50	0	21.52	21.61	21.50	23	1
20	QPSK	50	24	21.51	21.50	21.44		
20	QPSK	50	50	21.46	21.49	21.40		
20	QPSK	100	0	21.43	21.48	21.46		
20	16QAM	1	0	21.55	21.67	21.57	23	1
20	16QAM	1	49	21.45	21.53	21.42		
20	16QAM	1	99	21.51	21.57	21.47		
20	16QAM	50	0	20.57	20.59	20.51	22	2
20	16QAM	50	24	20.55	20.54	20.46		
20	16QAM	50	50	20.44	20.51	20.36		
20	16QAM	100	0	20.48	20.49	20.47		
20	64QAM	1	0	20.59	20.62	20.53	22	2
20	64QAM	1	49	20.48	20.49	20.49		
20	64QAM	1	99	20.49	20.61	20.51		
20	64QAM	50	0	19.48	19.58	19.51	21	3
20	64QAM	50	24	19.35	19.53	19.39		
20	64QAM	50	50	19.46	19.55	19.39		
20	64QAM	100	0	19.40	19.57	19.46		
20	256QAM	1	0	17.30	17.41	17.37	19	5
20	256QAM	1	49	17.51	17.62	17.59		
20	256QAM	1	99	17.39	17.52	17.55		
20	256QAM	50	0	17.46	17.60	17.53	19	5
20	256QAM	50	24	17.71	17.61	17.71		
20	256QAM	50	50	17.56	17.60	17.58		
20	256QAM	100	0	17.63	17.57	17.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.61	22.55	22.53	24	0
15	QPSK	1	37	22.48	22.46	22.47		
15	QPSK	1	74	22.46	22.48	22.40		
15	QPSK	36	0	21.59	21.54	21.53	23	1
15	QPSK	36	20	21.47	21.36	21.48		
15	QPSK	36	39	21.48	21.38	21.47		
15	QPSK	75	0	21.35	21.44	21.42		
15	16QAM	1	0	21.54	21.66	21.56	23	1
15	16QAM	1	37	21.50	21.42	21.48		
15	16QAM	1	74	21.42	21.43	21.56		
15	16QAM	36	0	20.47	20.53	20.47	22	2
15	16QAM	36	20	20.44	20.53	20.51		
15	16QAM	36	39	20.43	20.41	20.46		
15	16QAM	75	0	20.47	20.47	20.36		
15	64QAM	1	0	20.61	20.50	20.58	22	2
15	64QAM	1	37	20.43	20.44	20.45		
15	64QAM	1	74	20.58	20.46	20.50		
15	64QAM	36	0	19.50	19.50	19.50	21	3
15	64QAM	36	20	19.52	19.50	19.51		
15	64QAM	36	39	19.41	19.54	19.42		
15	64QAM	75	0	19.53	19.49	19.49		
15	256QAM	1	0	17.19	17.34	17.27	19	5
15	256QAM	1	37	17.45	17.66	17.48		
15	256QAM	1	74	17.29	17.42	17.58		
15	256QAM	36	0	17.40	17.64	17.44	19	5
15	256QAM	36	20	17.65	17.50	17.57		
15	256QAM	36	39	17.57	17.64	17.48		
15	256QAM	75	0	17.53	17.51	17.49		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.59	22.52	22.56	24	0
10	QPSK	1	25	22.41	22.40	22.50		
10	QPSK	1	49	22.42	22.39	22.49		
10	QPSK	25	0	21.49	21.51	21.52	23	1
10	QPSK	25	12	21.39	21.39	21.43		
10	QPSK	25	25	21.47	21.37	21.37		
10	QPSK	50	0	21.39	21.36	21.37		
10	16QAM	1	0	21.59	21.62	21.56	23	1
10	16QAM	1	25	21.38	21.51	21.50		
10	16QAM	1	49	21.50	21.46	21.55		
10	16QAM	25	0	20.50	20.55	20.44	22	2
10	16QAM	25	12	20.48	20.49	20.53		
10	16QAM	25	25	20.46	20.37	20.41		
10	16QAM	50	0	20.43	20.43	20.40		
10	64QAM	1	0	20.59	20.59	20.48	22	2
10	64QAM	1	25	20.40	20.40	20.42		
10	64QAM	1	49	20.58	20.49	20.46		
10	64QAM	25	0	19.50	19.50	19.53	21	3
10	64QAM	25	12	19.46	19.42	19.52		
10	64QAM	25	25	19.47	19.41	19.48		
10	64QAM	50	0	19.53	19.43	19.52		
10	256QAM	1	0	17.28	17.49	17.45	19	5
10	256QAM	1	25	17.60	17.63	17.47		
10	256QAM	1	49	17.36	17.44	17.54		
10	256QAM	25	0	17.39	17.59	17.60	19	5
10	256QAM	25	12	17.71	17.59	17.74		
10	256QAM	25	25	17.50	17.47	17.58		
10	256QAM	50	0	17.61	17.48	17.51		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.58	22.61	22.55	24	0
5	QPSK	1	12	22.40	22.50	22.42		
5	QPSK	1	24	22.35	22.43	22.46		
5	QPSK	12	0	21.57	21.46	21.49	23	1
5	QPSK	12	7	21.48	21.38	21.41		
5	QPSK	12	13	21.42	21.43	21.44		
5	QPSK	25	0	21.46	21.34	21.46		
5	16QAM	1	0	21.64	21.64	21.55	23	1
5	16QAM	1	12	21.42	21.49	21.48		
5	16QAM	1	24	21.51	21.51	21.49		
5	16QAM	12	0	20.47	20.44	20.45	22	2
5	16QAM	12	7	20.52	20.49	20.46		
5	16QAM	12	13	20.41	20.37	20.39		
5	16QAM	25	0	20.47	20.38	20.39		
5	64QAM	1	0	20.58	20.49	20.54	22	2
5	64QAM	1	12	20.36	20.41	20.41		
5	64QAM	1	24	20.49	20.47	20.47		
5	64QAM	12	0	19.48	19.47	19.47	21	3
5	64QAM	12	7	19.49	19.51	19.49		
5	64QAM	12	13	19.49	19.40	19.51		
5	64QAM	25	0	19.50	19.44	19.45		
5	256QAM	1	0	17.23	17.39	17.24	19	5
5	256QAM	1	12	17.49	17.49	17.46		
5	256QAM	1	24	17.24	17.40	17.49		
5	256QAM	12	0	17.51	17.53	17.56	19	5
5	256QAM	12	7	17.74	17.69	17.72		
5	256QAM	12	13	17.58	17.47	17.50		
5	256QAM	25	0	17.58	17.55	17.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.58	22.51	24	0
3	QPSK	1	8	22.50	22.45	22.41		
3	QPSK	1	14	22.36	22.49	22.40		
3	QPSK	8	0	21.56	21.57	21.54	23	1
3	QPSK	8	4	21.42	21.35	21.45		
3	QPSK	8	7	21.41	21.39	21.36		
3	QPSK	15	0	21.39	21.34	21.42		
3	16QAM	1	0	21.66	21.64	21.64	23	1
3	16QAM	1	8	21.42	21.47	21.42		
3	16QAM	1	14	21.48	21.46	21.43		
3	16QAM	8	0	20.55	20.50	20.45	22	2
3	16QAM	8	4	20.45	20.39	20.51		
3	16QAM	8	7	20.36	20.44	20.47		
3	16QAM	15	0	20.46	20.42	20.47		
3	64QAM	1	0	20.56	20.53	20.57	22	2
3	64QAM	1	8	20.38	20.43	20.37		
3	64QAM	1	14	20.52	20.56	20.49		
3	64QAM	8	0	19.45	19.54	19.51	21	3
3	64QAM	8	4	19.50	19.42	19.41		
3	64QAM	8	7	19.49	19.46	19.52		
3	64QAM	15	0	19.43	19.54	19.48		
3	256QAM	1	0	17.39	17.26	17.31	19	5
3	256QAM	1	8	17.37	17.59	17.63		
3	256QAM	1	14	17.25	17.37	17.57		
3	256QAM	8	0	17.44	17.59	17.61	19	5
3	256QAM	8	4	17.56	17.70	17.57		
3	256QAM	8	7	17.42	17.65	17.50		
3	256QAM	15	0	17.71	17.43	17.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.47	22.55	22.50	24	0
1.4	QPSK	1	3	22.36	22.52	22.37		
1.4	QPSK	1	5	22.36	22.56	22.49		
1.4	QPSK	3	0	22.36	22.47	22.46		
1.4	QPSK	3	1	22.44	22.51	22.37		
1.4	QPSK	3	3	22.46	22.51	22.45		
1.4	QPSK	6	0	21.50	21.56	21.48	23	1
1.4	16QAM	1	0	21.43	21.43	21.49	23	1
1.4	16QAM	1	3	21.47	21.44	21.44		
1.4	16QAM	1	5	21.39	21.51	21.44		
1.4	16QAM	3	0	21.49	21.49	21.40		
1.4	16QAM	3	1	21.43	21.53	21.48		
1.4	16QAM	3	3	21.38	21.44	21.36		
1.4	16QAM	6	0	20.49	20.44	20.42	22	2
1.4	64QAM	1	0	20.48	20.46	20.39	22	2
1.4	64QAM	1	3	20.40	20.46	20.47		
1.4	64QAM	1	5	20.42	20.54	20.44		
1.4	64QAM	3	0	20.40	20.45	20.41		
1.4	64QAM	3	1	20.45	20.48	20.37		
1.4	64QAM	3	3	20.40	20.46	20.49		
1.4	64QAM	6	0	19.43	19.50	19.46	21	3
1.4	256QAM	1	0	17.36	17.48	17.42	19	5
1.4	256QAM	1	3	17.59	17.49	17.49		
1.4	256QAM	1	5	17.43	17.48	17.46		
1.4	256QAM	3	0	17.48	17.48	17.61		
1.4	256QAM	3	1	17.71	17.71	17.60		
1.4	256QAM	3	3	17.54	17.68	17.63		
1.4	256QAM	6	0	17.61	17.48	17.43	19	5

Band 4_Ant 3

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	23.23	23.56	23.51	25	0
20	QPSK	1	49	23.06	23.24	23.44		
20	QPSK	1	99	23.08	23.26	23.45		
20	QPSK	50	0	22.17	22.35	22.24	24	1
20	QPSK	50	24	22.05	22.34	22.17		
20	QPSK	50	50	22.12	22.30	22.19		
20	QPSK	100	0	22.12	22.33	22.19		
20	16QAM	1	0	22.16	22.00	22.22	24	1
20	16QAM	1	49	22.17	22.23	22.31		
20	16QAM	1	99	22.28	22.34	22.26		
20	16QAM	50	0	21.08	21.14	21.38	23	2
20	16QAM	50	24	21.18	21.29	21.31		
20	16QAM	50	50	21.15	21.20	21.33		
20	16QAM	100	0	21.12	21.21	21.34		
20	64QAM	1	0	21.30	21.50	21.51	23	2
20	64QAM	1	49	21.35	21.52	21.44		
20	64QAM	1	99	21.30	21.21	21.51		
20	64QAM	50	0	20.07	20.20	20.38	22	3
20	64QAM	50	24	20.16	20.23	20.37		
20	64QAM	50	50	20.14	20.23	20.31		
20	64QAM	100	0	20.12	20.27	20.32		
20	256QAM	1	0	19.01	18.91	18.90	20	5
20	256QAM	1	49	18.62	18.71	18.75		
20	256QAM	1	99	18.46	18.59	18.58		
20	256QAM	50	0	18.33	18.39	18.42	20	5
20	256QAM	50	24	18.55	18.47	18.53		
20	256QAM	50	50	18.52	18.46	18.46		
20	256QAM	100	0	18.43	18.47	18.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.21	23.52	23.45	25	0
15	QPSK	1	37	23.05	23.21	23.52		
15	QPSK	1	74	23.11	23.27	23.53		
15	QPSK	36	0	22.07	22.45	22.32	24	1
15	QPSK	36	20	22.05	22.38	22.26		
15	QPSK	36	39	22.13	22.40	22.11		
15	QPSK	75	0	22.15	22.35	22.14		
15	16QAM	1	0	22.06	22.08	22.19	24	1
15	16QAM	1	37	22.22	22.16	22.29		
15	16QAM	1	74	22.29	22.43	22.16		
15	16QAM	36	0	21.12	21.21	21.42	23	2
15	16QAM	36	20	21.09	21.38	21.38		
15	16QAM	36	39	21.11	21.24	21.26		
15	16QAM	75	0	21.21	21.21	21.44		
15	64QAM	1	0	21.36	21.55	21.61	23	2
15	64QAM	1	37	21.26	21.51	21.46		
15	64QAM	1	74	21.24	21.20	21.41		
15	64QAM	36	0	20.08	20.18	20.34	22	3
15	64QAM	36	20	20.22	20.22	20.40		
15	64QAM	36	39	20.10	20.19	20.32		
15	64QAM	75	0	20.21	20.28	20.41		
15	256QAM	1	0	19.09	19.02	18.90	20	5
15	256QAM	1	37	18.60	18.82	18.82		
15	256QAM	1	74	18.54	18.65	18.74		
15	256QAM	36	0	18.49	18.35	18.45	20	5
15	256QAM	36	20	18.66	18.57	18.48		
15	256QAM	36	39	18.65	18.55	18.57		
15	256QAM	75	0	18.59	18.66	18.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.18	23.46	23.39	25	0
10	QPSK	1	25	23.11	23.42	23.26		
10	QPSK	1	49	23.15	23.34	23.30		
10	QPSK	25	0	22.14	22.34	22.46	24	1
10	QPSK	25	12	22.15	22.35	22.41		
10	QPSK	25	25	22.23	22.34	22.47		
10	QPSK	50	0	22.18	22.30	22.44		
10	16QAM	1	0	22.42	22.63	22.51	24	1
10	16QAM	1	25	22.44	22.68	22.45		
10	16QAM	1	49	22.79	22.75	22.43		
10	16QAM	25	0	21.07	21.31	21.45	23	2
10	16QAM	25	12	21.08	21.26	21.45		
10	16QAM	25	25	21.14	21.28	21.46		
10	16QAM	50	0	21.17	21.33	21.50		
10	64QAM	1	0	21.49	21.71	21.74	23	2
10	64QAM	1	25	21.42	21.49	21.72		
10	64QAM	1	49	21.27	21.73	21.74		
10	64QAM	25	0	20.07	20.33	20.49	22	3
10	64QAM	25	12	20.13	20.31	20.32		
10	64QAM	25	25	20.16	20.36	20.50		
10	64QAM	50	0	20.14	20.26	20.45		
10	256QAM	1	0	18.98	18.88	18.85	20	5
10	256QAM	1	25	18.69	18.86	18.76		
10	256QAM	1	49	18.55	18.75	18.58		
10	256QAM	25	0	18.28	18.36	18.52	20	5
10	256QAM	25	12	18.52	18.44	18.68		
10	256QAM	25	25	18.71	18.60	18.62		
10	256QAM	50	0	18.55	18.55	18.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.09	23.41	23.49	25	0
5	QPSK	1	12	23.17	23.43	23.46		
5	QPSK	1	24	23.13	23.39	23.55		
5	QPSK	12	0	22.13	22.36	22.43	24	1
5	QPSK	12	7	22.15	22.38	22.45		
5	QPSK	12	13	22.21	22.34	22.53		
5	QPSK	25	0	22.20	22.41	22.52		
5	16QAM	1	0	22.67	22.62	22.81	24	1
5	16QAM	1	12	22.54	22.72	22.91		
5	16QAM	1	24	22.27	22.45	22.88		
5	16QAM	12	0	21.21	21.33	21.45	23	2
5	16QAM	12	7	21.14	21.38	21.52		
5	16QAM	12	13	21.17	21.33	21.55		
5	16QAM	25	0	21.22	21.40	21.48		
5	64QAM	1	0	21.43	21.27	21.83	23	2
5	64QAM	1	12	21.38	21.32	21.76		
5	64QAM	1	24	21.41	21.13	21.27		
5	64QAM	12	0	20.18	20.37	20.51	22	3
5	64QAM	12	7	20.12	20.39	20.43		
5	64QAM	12	13	20.18	20.36	20.56		
5	64QAM	25	0	20.17	20.39	20.50		
5	256QAM	1	0	18.99	19.06	18.97	20	5
5	256QAM	1	12	18.61	18.85	18.82		
5	256QAM	1	24	18.53	18.67	18.69		
5	256QAM	12	0	18.29	18.36	18.59	20	5
5	256QAM	12	7	18.51	18.54	18.53		
5	256QAM	12	13	18.68	18.45	18.66		
5	256QAM	25	0	18.62	18.43	18.44		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.27	23.51	23.50	25	0
3	QPSK	1	8	23.08	23.19	23.54		
3	QPSK	1	14	23.13	23.29	23.39		
3	QPSK	8	0	22.25	22.32	22.32	24	1
3	QPSK	8	4	22.08	22.39	22.14		
3	QPSK	8	7	22.14	22.29	22.13		
3	QPSK	15	0	22.15	22.32	22.12		
3	16QAM	1	0	22.09	22.11	22.17	24	1
3	16QAM	1	8	22.21	22.28	22.41		
3	16QAM	1	14	22.19	22.41	22.17		
3	16QAM	8	0	21.07	21.20	21.43	23	2
3	16QAM	8	4	21.28	21.37	21.26		
3	16QAM	8	7	21.11	21.12	21.31		
3	16QAM	15	0	21.14	21.24	21.41		
3	64QAM	1	0	21.21	21.41	21.46	23	2
3	64QAM	1	8	21.39	21.56	21.47		
3	64QAM	1	14	21.39	21.15	21.56		
3	64QAM	8	0	20.09	20.29	20.28	22	3
3	64QAM	8	4	20.18	20.21	20.30		
3	64QAM	8	7	20.06	20.13	20.39		
3	64QAM	15	0	20.09	20.20	20.22		
3	256QAM	1	0	19.18	19.09	19.10	20	5
3	256QAM	1	8	18.70	18.68	18.75		
3	256QAM	1	14	18.53	18.66	18.59		
3	256QAM	8	0	18.43	18.52	18.53	20	5
3	256QAM	8	4	18.75	18.54	18.67		
3	256QAM	8	7	18.50	18.53	18.63		
3	256QAM	15	0	18.52	18.60	18.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.09	23.37	23.54	25	0
1.4	QPSK	1	3	23.12	23.31	23.54		
1.4	QPSK	1	5	23.06	23.35	23.53		
1.4	QPSK	3	0	23.15	23.37	23.51		
1.4	QPSK	3	1	23.09	23.19	23.50		
1.4	QPSK	3	3	23.14	23.30	23.47		
1.4	QPSK	6	0	22.07	22.32	22.57	24	1
1.4	16QAM	1	0	22.55	22.90	22.69	24	1
1.4	16QAM	1	3	22.40	22.16	23.09		
1.4	16QAM	1	5	22.47	22.72	22.76		
1.4	16QAM	3	0	22.25	22.55	22.40		
1.4	16QAM	3	1	22.23	22.23	22.49		
1.4	16QAM	3	3	22.29	22.26	22.39		
1.4	16QAM	6	0	21.25	21.29	21.61	23	2
1.4	64QAM	1	0	21.08	21.35	21.56	23	2
1.4	64QAM	1	3	21.30	21.71	21.78		
1.4	64QAM	1	5	21.17	21.69	21.60		
1.4	64QAM	3	0	21.09	21.52	21.62		
1.4	64QAM	3	1	21.16	21.44	21.64		
1.4	64QAM	3	3	21.10	21.49	21.59		
1.4	64QAM	6	0	20.06	20.20	20.52	22	3
1.4	256QAM	1	0	18.96	19.11	18.94	20	5
1.4	256QAM	1	3	18.80	18.67	18.77		
1.4	256QAM	1	5	18.54	18.57	18.70		
1.4	256QAM	3	0	18.40	18.39	18.49		
1.4	256QAM	3	1	18.53	18.49	18.66		
1.4	256QAM	3	3	18.64	18.58	18.55		
1.4	256QAM	6	0	18.56	18.46	18.57	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.68	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.10	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.56	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.81	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	19.04	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.62	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.58	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.58	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.87	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.69	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23230				
Frequency (MHz)				782				
10	QPSK	1	0	24.05			25	0
10	QPSK	1	25	23.86				
10	QPSK	1	49	23.93				
10	QPSK	25	0	22.91			24	1
10	QPSK	25	12	22.82				
10	QPSK	25	25	22.90				
10	QPSK	50	0	22.87				
10	16QAM	1	0	23.04			24	1
10	16QAM	1	25	23.39				
10	16QAM	1	49	23.43				
10	16QAM	25	0	21.76			23	2
10	16QAM	25	12	21.95				
10	16QAM	25	25	21.90				
10	16QAM	50	0	21.84				
10	64QAM	1	0	22.09			23	2
10	64QAM	1	25	21.66				
10	64QAM	1	49	22.23				
10	64QAM	25	0	20.85			22	3
10	64QAM	25	12	20.92				
10	64QAM	25	25	20.92				
10	64QAM	50	0	20.88				
10	256QAM	1	0	18.95			20	5
10	256QAM	1	25	18.89				
10	256QAM	1	49	19.01				
10	256QAM	25	0	18.77			20	5
10	256QAM	25	12	18.80				
10	256QAM	25	26	18.78				
10	256QAM	50	0	18.82				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.87	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	22.98			24	0
10	QPSK	1	25	22.76				
10	QPSK	1	49	22.48				
10	QPSK	25	0	21.82			23	1
10	QPSK	25	12	21.80				
10	QPSK	25	25	21.72				
10	QPSK	50	0	21.75				
10	16QAM	1	0	21.88			23	1
10	16QAM	1	25	22.08				
10	16QAM	1	49	21.97				
10	16QAM	25	0	20.78			22	2
10	16QAM	25	12	20.81				
10	16QAM	25	25	20.80				
10	16QAM	50	0	20.81				
10	64QAM	1	0	20.79			22	2
10	64QAM	1	25	20.79				
10	64QAM	1	49	20.82				
10	64QAM	25	0	19.73			21	3
10	64QAM	25	12	19.82				
10	64QAM	25	25	19.74				
10	64QAM	50	0	19.75				
10	256QAM	1	0	17.79			19	5
10	256QAM	1	25	17.85				
10	256QAM	1	49	17.98				
10	256QAM	25	0	17.69			19	5
10	256QAM	25	12	17.69				
10	256QAM	25	25	17.73				
10	256QAM	50	0	17.71				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.89	22.88	22.85	24	0
5	QPSK	1	12	22.98	22.74	22.79		
5	QPSK	1	24	22.78	22.76	22.66		
5	QPSK	12	0	21.88	21.81	21.82	23	1
5	QPSK	12	7	21.87	21.82	21.77		
5	QPSK	12	13	21.79	21.76	21.68		
5	QPSK	25	0	21.85	21.84	21.76		
5	16QAM	1	0	21.87	21.92	22.24	23	1
5	16QAM	1	12	21.61	22.23	22.19		
5	16QAM	1	24	21.70	22.27	21.96		
5	16QAM	12	0	20.88	20.92	20.80	22	2
5	16QAM	12	7	20.92	20.87	20.76		
5	16QAM	12	13	20.69	20.80	20.84		
5	16QAM	25	0	20.84	20.85	20.83		
5	64QAM	1	0	20.62	21.24	20.82	22	2
5	64QAM	1	12	20.87	21.04	21.01		
5	64QAM	1	24	20.80	20.80	20.61		
5	64QAM	12	0	19.88	19.87	19.88	21	3
5	64QAM	12	7	19.88	19.87	19.86		
5	64QAM	12	13	19.86	19.78	19.76		
5	64QAM	25	0	19.80	19.83	19.85		
5	256QAM	1	0	17.62	17.76	17.78	19	5
5	256QAM	1	12	17.89	17.74	17.79		
5	256QAM	1	24	17.91	17.99	17.97		
5	256QAM	12	0	17.63	17.79	17.71	19	5
5	256QAM	12	7	17.79	17.56	17.54		
5	256QAM	12	13	17.66	17.75	17.83		
5	256QAM	25	0	17.68	17.79	17.56		

Band 30_Ant 2(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	21.78			23	0
10	QPSK	1	25	21.65				
10	QPSK	1	49	21.77				
10	QPSK	25	0	20.76			22	1
10	QPSK	25	12	20.61				
10	QPSK	25	25	20.68				
10	QPSK	50	0	20.68				
10	16QAM	1	0	20.83			22	1
10	16QAM	1	25	20.71				
10	16QAM	1	49	20.79				
10	16QAM	25	0	19.74			21	2
10	16QAM	25	12	19.71				
10	16QAM	25	25	19.69				
10	16QAM	50	0	19.63				
10	64QAM	1	0	19.73			21	2
10	64QAM	1	25	19.61				
10	64QAM	1	49	19.64				
10	64QAM	25	0	18.74			20	3
10	64QAM	25	12	18.68				
10	64QAM	25	25	18.72				
10	64QAM	50	0	18.70				
10	256QAM	1	0	16.70			18	5
10	256QAM	1	25	16.58				
10	256QAM	1	49	16.57				
10	256QAM	25	0	16.73			18	5
10	256QAM	25	12	16.71				
10	256QAM	25	25	16.76				
10	256QAM	50	0	16.69				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.73	21.63	21.77	23	0
5	QPSK	1	12	21.64	21.63	21.57		
5	QPSK	1	24	21.68	21.70	21.73		
5	QPSK	12	0	20.70	20.74	20.72	22	1
5	QPSK	12	7	20.52	20.54	20.58		
5	QPSK	12	13	20.59	20.55	20.59		
5	QPSK	25	0	20.54	20.61	20.59		
5	16QAM	1	0	20.82	20.69	20.74	22	1
5	16QAM	1	12	20.62	20.62	20.62		
5	16QAM	1	24	20.75	20.66	20.74		
5	16QAM	12	0	19.63	19.67	19.66	21	2
5	16QAM	12	7	19.70	19.63	19.65		
5	16QAM	12	13	19.66	19.64	19.60		
5	16QAM	25	0	19.61	19.61	19.55		
5	64QAM	1	0	19.70	19.65	19.65	21	2
5	64QAM	1	12	19.53	19.51	19.58		
5	64QAM	1	24	19.60	19.58	19.52		
5	64QAM	12	0	18.71	18.69	18.72	20	3
5	64QAM	12	7	18.57	18.67	18.56		
5	64QAM	12	13	18.67	18.66	18.59		
5	64QAM	25	0	18.62	18.61	18.57		
5	256QAM	1	0	16.59	16.64	16.66	18	5
5	256QAM	1	12	16.65	16.61	16.45		
5	256QAM	1	24	16.63	16.67	16.44		
5	256QAM	12	0	16.72	16.61	16.80	18	5
5	256QAM	12	7	16.58	16.61	16.73		
5	256QAM	12	13	16.74	16.63	16.67		
5	256QAM	25	0	16.58	16.57	16.77		

Band 66_Ant 3

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	23.53	23.62	23.51	25	0
20	QPSK	1	49	23.42	23.59	23.38		
20	QPSK	1	99	23.49	23.40	23.38		
20	QPSK	50	0	22.51	22.56	22.55	24	1
20	QPSK	50	24	22.50	22.54	22.53		
20	QPSK	50	50	22.37	22.49	22.49		
20	QPSK	100	0	22.41	22.53	22.48		
20	16QAM	1	0	22.54	22.79	22.36	24	1
20	16QAM	1	49	22.60	22.89	22.42		
20	16QAM	1	99	22.57	22.71	22.65		
20	16QAM	50	0	21.55	21.58	21.52	23	2
20	16QAM	50	24	21.57	21.44	21.57		
20	16QAM	50	50	21.64	21.35	21.44		
20	16QAM	100	0	21.56	21.38	21.50		
20	64QAM	1	0	21.55	21.68	21.74	23	2
20	64QAM	1	49	21.67	21.72	21.83		
20	64QAM	1	99	21.54	21.48	21.77		
20	64QAM	50	0	20.54	20.50	20.52	22	3
20	64QAM	50	24	20.55	20.44	20.52		
20	64QAM	50	50	20.60	20.36	20.51		
20	64QAM	100	0	20.53	20.36	20.45		
20	256QAM	1	0	18.61	18.59	18.45	20	5
20	256QAM	1	49	18.52	18.67	18.62		
20	256QAM	1	99	18.73	18.71	18.79		
20	256QAM	50	0	18.40	18.53	18.62	20	5
20	256QAM	50	24	18.65	18.56	18.48		
20	256QAM	50	50	18.48	18.57	18.62		
20	256QAM	100	0	18.54	18.54	18.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.61	23.32	25	0
15	QPSK	1	37	23.22	23.44	23.31		
15	QPSK	1	74	23.49	23.40	23.35		
15	QPSK	36	0	22.54	22.45	22.43	24	1
15	QPSK	36	20	22.47	22.46	22.33		
15	QPSK	36	39	22.38	22.17	22.39		
15	QPSK	75	0	22.50	22.32	22.35		
15	16QAM	1	0	22.42	22.69	22.29	24	1
15	16QAM	1	37	22.56	22.70	22.28		
15	16QAM	1	74	22.56	22.55	22.61		
15	16QAM	36	0	21.37	21.54	21.40	23	2
15	16QAM	36	20	21.37	21.31	21.53		
15	16QAM	36	39	21.52	21.22	21.35		
15	16QAM	75	0	21.40	21.32	21.47		
15	64QAM	1	0	21.43	21.63	21.56	23	2
15	64QAM	1	37	21.59	21.53	21.79		
15	64QAM	1	74	21.41	21.31	21.69		
15	64QAM	36	0	20.39	20.47	20.46	22	3
15	64QAM	36	20	20.45	20.33	20.52		
15	64QAM	36	39	20.55	20.20	20.43		
15	64QAM	75	0	20.44	20.28	20.39		
15	256QAM	1	0	18.69	18.44	18.48	20	5
15	256QAM	1	37	18.49	18.75	18.58		
15	256QAM	1	74	18.72	18.68	18.69		
15	256QAM	36	0	18.28	18.60	18.52	20	5
15	256QAM	36	20	18.72	18.63	18.54		
15	256QAM	36	39	18.52	18.47	18.69		
15	256QAM	75	0	18.40	18.51	18.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.49	23.40	23.45	25	0
10	QPSK	1	25	23.27	23.52	23.37		
10	QPSK	1	49	23.48	23.18	23.43		
10	QPSK	25	0	22.44	22.32	22.59	24	1
10	QPSK	25	12	22.41	22.31	22.49		
10	QPSK	25	25	22.45	22.32	22.47		
10	QPSK	50	0	22.43	22.29	22.53		
10	16QAM	1	0	22.65	22.48	22.71	24	1
10	16QAM	1	25	22.71	22.44	22.54		
10	16QAM	1	49	22.83	22.70	22.52		
10	16QAM	25	0	21.41	21.39	21.63	23	2
10	16QAM	25	12	21.42	21.26	21.52		
10	16QAM	25	25	21.42	21.27	21.47		
10	16QAM	50	0	21.46	21.36	21.47		
10	64QAM	1	0	21.51	21.33	21.56	23	2
10	64QAM	1	25	21.77	21.29	21.43		
10	64QAM	1	49	21.78	21.37	21.47		
10	64QAM	25	0	20.39	20.31	20.58	22	3
10	64QAM	25	12	20.38	20.29	20.48		
10	64QAM	25	25	20.51	20.35	20.52		
10	64QAM	50	0	20.44	20.34	20.56		
10	256QAM	1	0	18.49	18.54	18.40	20	5
10	256QAM	1	25	18.57	18.62	18.68		
10	256QAM	1	49	18.65	18.73	18.78		
10	256QAM	25	0	18.25	18.50	18.52	20	5
10	256QAM	25	12	18.71	18.61	18.45		
10	256QAM	25	25	18.42	18.44	18.54		
10	256QAM	50	0	18.55	18.45	18.46		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.44	23.39	25	0
5	QPSK	1	12	23.39	23.41	23.46		
5	QPSK	1	24	23.60	23.40	23.50		
5	QPSK	12	0	22.49	22.37	22.48	24	1
5	QPSK	12	7	22.40	22.36	22.54		
5	QPSK	12	13	22.40	22.34	22.44		
5	QPSK	25	0	22.47	22.35	22.54		
5	16QAM	1	0	22.26	22.37	22.64	24	1
5	16QAM	1	12	22.53	22.64	22.68		
5	16QAM	1	24	22.53	22.21	22.74		
5	16QAM	12	0	21.55	21.46	21.56	23	2
5	16QAM	12	7	21.49	21.39	21.58		
5	16QAM	12	13	21.49	21.43	21.48		
5	16QAM	25	0	21.53	21.44	21.49		
5	64QAM	1	0	21.76	21.57	21.58	23	2
5	64QAM	1	12	21.74	21.76	21.57		
5	64QAM	1	24	21.66	21.45	21.65		
5	64QAM	12	0	20.59	20.51	20.59	22	3
5	64QAM	12	7	20.40	20.45	20.61		
5	64QAM	12	13	20.43	20.45	20.49		
5	64QAM	25	0	20.47	20.38	20.52		
5	256QAM	1	0	18.46	18.65	18.52	20	5
5	256QAM	1	12	18.43	18.53	18.68		
5	256QAM	1	24	18.81	18.79	18.84		
5	256QAM	12	0	18.33	18.55	18.51	20	5
5	256QAM	12	7	18.74	18.46	18.39		
5	256QAM	12	13	18.53	18.48	18.70		
5	256QAM	25	0	18.40	18.41	18.34		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.44	23.60	23.49	25	0
3	QPSK	1	8	23.33	23.45	23.28		
3	QPSK	1	14	23.38	23.38	23.24		
3	QPSK	8	0	22.52	22.42	22.36	24	1
3	QPSK	8	4	22.42	22.43	22.38		
3	QPSK	8	7	22.30	22.29	22.33		
3	QPSK	15	0	22.33	22.38	22.31		
3	16QAM	1	0	22.48	22.66	22.18	24	1
3	16QAM	1	8	22.52	22.69	22.38		
3	16QAM	1	14	22.41	22.60	22.59		
3	16QAM	8	0	21.45	21.52	21.50	23	2
3	16QAM	8	4	21.55	21.33	21.44		
3	16QAM	8	7	21.47	21.34	21.35		
3	16QAM	15	0	21.46	21.22	21.44		
3	64QAM	1	0	21.40	21.69	21.63	23	2
3	64QAM	1	8	21.48	21.70	21.77		
3	64QAM	1	14	21.41	21.33	21.69		
3	64QAM	8	0	20.51	20.30	20.42	22	3
3	64QAM	8	4	20.35	20.27	20.38		
3	64QAM	8	7	20.51	20.28	20.35		
3	64QAM	15	0	20.49	20.28	20.35		
3	256QAM	1	0	18.69	18.50	18.32	20	5
3	256QAM	1	8	18.44	18.58	18.65		
3	256QAM	1	14	18.81	18.58	18.88		
3	256QAM	8	0	18.26	18.44	18.60	20	5
3	256QAM	8	4	18.57	18.43	18.52		
3	256QAM	8	7	18.57	18.45	18.48		
3	256QAM	15	0	18.43	18.54	18.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.33	23.45	23.53	25	0
1.4	QPSK	1	3	23.48	23.46	23.51		
1.4	QPSK	1	5	23.54	23.53	23.44		
1.4	QPSK	3	0	23.31	23.35	23.56		
1.4	QPSK	3	1	23.49	23.22	23.54		
1.4	QPSK	3	3	23.40	23.35	23.39		
1.4	QPSK	6	0	22.45	22.29	22.56	24	1
1.4	16QAM	1	0	22.56	22.83	22.56	24	1
1.4	16QAM	1	3	22.85	22.69	22.83		
1.4	16QAM	1	5	22.84	22.70	22.66		
1.4	16QAM	3	0	22.47	22.32	22.54		
1.4	16QAM	3	1	22.45	22.29	22.43		
1.4	16QAM	3	3	22.20	22.29	22.43		
1.4	16QAM	6	0	21.47	21.36	21.54	23	2
1.4	64QAM	1	0	21.28	21.35	21.62	23	2
1.4	64QAM	1	3	21.29	21.56	21.45		
1.4	64QAM	1	5	21.22	21.38	21.74		
1.4	64QAM	3	0	21.48	21.16	21.29		
1.4	64QAM	3	1	21.49	21.26	21.64		
1.4	64QAM	3	3	21.44	21.40	21.62		
1.4	64QAM	6	0	20.35	20.28	20.43	22	3
1.4	256QAM	1	0	18.71	18.67	18.36	20	5
1.4	256QAM	1	3	18.62	18.61	18.50		
1.4	256QAM	1	5	18.74	18.70	18.78		
1.4	256QAM	3	0	18.50	18.39	18.57		
1.4	256QAM	3	1	18.64	18.44	18.42		
1.4	256QAM	3	3	18.35	18.61	18.56		
1.4	256QAM	6	0	18.53	18.39	18.40	20	5

Band 66_Ant 2(ENDC)

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	22.69	22.71	22.67	24	0
20	QPSK	1	49	22.57	22.60	22.57		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	21.52	21.66	21.60	23	1
20	QPSK	50	24	21.51	21.54	21.56		
20	QPSK	50	50	21.49	21.57	21.59		
20	QPSK	100	0	21.45	21.58	21.57		
20	16QAM	1	0	21.71	21.76	21.63	23	1
20	16QAM	1	49	21.72	21.69	21.76		
20	16QAM	1	99	21.76	21.75	21.73		
20	16QAM	50	0	20.54	20.63	20.59	22	2
20	16QAM	50	24	20.42	20.60	20.46		
20	16QAM	50	50	20.40	20.58	20.56		
20	16QAM	100	0	20.44	20.57	20.44		
20	64QAM	1	0	20.77	20.78	20.71	22	2
20	64QAM	1	49	20.63	20.73	20.62		
20	64QAM	1	99	20.73	20.77	20.57		
20	64QAM	50	0	19.60	19.67	19.61	21	3
20	64QAM	50	24	19.57	19.57	19.48		
20	64QAM	50	50	19.49	19.58	19.51		
20	64QAM	100	0	19.53	19.54	19.50		
20	256QAM	1	0	17.50	17.63	17.63	19	5
20	256QAM	1	49	17.73	17.66	17.73		
20	256QAM	1	99	17.73	17.65	17.75		
20	256QAM	50	0	17.57	17.61	17.66	19	5
20	256QAM	50	24	17.71	17.66	17.70		
20	256QAM	50	50	17.51	17.63	17.56		
20	256QAM	100	0	17.68	17.64	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.62	22.69	24	0
15	QPSK	1	37	22.57	22.45	22.47		
15	QPSK	1	74	22.59	22.54	22.52		
15	QPSK	36	0	21.54	21.58	21.63	23	1
15	QPSK	36	20	21.52	21.40	21.43		
15	QPSK	36	39	21.42	21.53	21.53		
15	QPSK	75	0	21.44	21.46	21.43		
15	16QAM	1	0	21.74	21.71	21.63	23	1
15	16QAM	1	37	21.57	21.57	21.58		
15	16QAM	1	74	21.68	21.67	21.60		
15	16QAM	36	0	20.57	20.58	20.58	22	2
15	16QAM	36	20	20.58	20.52	20.50		
15	16QAM	36	39	20.57	20.53	20.49		
15	16QAM	75	0	20.42	20.43	20.47		
15	64QAM	1	0	20.63	20.75	20.76	22	2
15	64QAM	1	37	20.67	20.62	20.60		
15	64QAM	1	74	20.64	20.67	20.62		
15	64QAM	36	0	19.57	19.52	19.54	21	3
15	64QAM	36	20	19.50	19.55	19.49		
15	64QAM	36	39	19.54	19.51	19.45		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.57	17.71	17.53	19	5
15	256QAM	1	37	17.72	17.61	17.77		
15	256QAM	1	74	17.71	17.67	17.85		
15	256QAM	36	0	17.62	17.64	17.69	19	5
15	256QAM	36	20	17.57	17.71	17.78		
15	256QAM	36	39	17.55	17.61	17.58		
15	256QAM	75	0	17.73	17.63	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.58	22.64	22.69	24	0
10	QPSK	1	25	22.51	22.48	22.53		
10	QPSK	1	49	22.49	22.59	22.48		
10	QPSK	25	0	21.58	21.54	21.60	23	1
10	QPSK	25	12	21.47	21.51	21.44		
10	QPSK	25	25	21.55	21.49	21.50		
10	QPSK	50	0	21.56	21.50	21.47		
10	16QAM	1	0	21.69	21.63	21.63	23	1
10	16QAM	1	25	21.57	21.66	21.64		
10	16QAM	1	49	21.72	21.64	21.69		
10	16QAM	25	0	20.55	20.59	20.59	22	2
10	16QAM	25	12	20.57	20.45	20.55		
10	16QAM	25	25	20.49	20.56	20.55		
10	16QAM	50	0	20.45	20.54	20.49		
10	64QAM	1	0	20.73	20.70	20.75	22	2
10	64QAM	1	25	20.67	20.72	20.69		
10	64QAM	1	49	20.70	20.68	20.67		
10	64QAM	25	0	19.52	19.59	19.61	21	3
10	64QAM	25	12	19.53	19.47	19.53		
10	64QAM	25	25	19.49	19.44	19.52		
10	64QAM	50	0	19.48	19.49	19.41		
10	256QAM	1	0	17.58	17.56	17.70	19	5
10	256QAM	1	25	17.83	17.62	17.71		
10	256QAM	1	49	17.67	17.67	17.75		
10	256QAM	25	0	17.60	17.49	17.54	19	5
10	256QAM	25	12	17.60	17.61	17.73		
10	256QAM	25	25	17.53	17.54	17.63		
10	256QAM	50	0	17.53	17.53	17.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.66	22.67	24	0
5	QPSK	1	12	22.53	22.48	22.51		
5	QPSK	1	24	22.60	22.48	22.60		
5	QPSK	12	0	21.65	21.58	21.54	23	1
5	QPSK	12	7	21.53	21.51	21.44		
5	QPSK	12	13	21.52	21.44	21.46		
5	QPSK	25	0	21.57	21.45	21.56		
5	16QAM	1	0	21.66	21.65	21.67	23	1
5	16QAM	1	12	21.65	21.67	21.59		
5	16QAM	1	24	21.64	21.72	21.62		
5	16QAM	12	0	20.61	20.62	20.54	22	2
5	16QAM	12	7	20.51	20.54	20.53		
5	16QAM	12	13	20.50	20.53	20.45		
5	16QAM	25	0	20.55	20.49	20.52		
5	64QAM	1	0	20.66	20.71	20.73	22	2
5	64QAM	1	12	20.71	20.60	20.60		
5	64QAM	1	24	20.70	20.67	20.65		
5	64QAM	12	0	19.58	19.65	19.59	21	3
5	64QAM	12	7	19.55	19.44	19.44		
5	64QAM	12	13	19.45	19.54	19.56		
5	64QAM	25	0	19.47	19.52	19.51		
5	256QAM	1	0	17.54	17.56	17.53	19	5
5	256QAM	1	12	17.72	17.72	17.74		
5	256QAM	1	24	17.59	17.52	17.75		
5	256QAM	12	0	17.47	17.62	17.58	19	5
5	256QAM	12	7	17.67	17.51	17.59		
5	256QAM	12	13	17.58	17.51	17.49		
5	256QAM	25	0	17.75	17.74	17.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.63	22.70	22.58	24	0
3	QPSK	1	8	22.47	22.55	22.51		
3	QPSK	1	14	22.59	22.53	22.60		
3	QPSK	8	0	21.60	21.55	21.59	23	1
3	QPSK	8	4	21.41	21.52	21.52		
3	QPSK	8	7	21.44	21.53	21.54		
3	QPSK	15	0	21.49	21.56	21.54		
3	16QAM	1	0	21.66	21.75	21.73	23	1
3	16QAM	1	8	21.54	21.54	21.68		
3	16QAM	1	14	21.69	21.74	21.60		
3	16QAM	8	0	20.53	20.56	20.53	22	2
3	16QAM	8	4	20.45	20.48	20.55		
3	16QAM	8	7	20.43	20.53	20.46		
3	16QAM	15	0	20.47	20.48	20.51		
3	64QAM	1	0	20.64	20.76	20.77	22	2
3	64QAM	1	8	20.67	20.66	20.68		
3	64QAM	1	14	20.67	20.62	20.71		
3	64QAM	8	0	19.64	19.60	19.54	21	3
3	64QAM	8	4	19.46	19.54	19.54		
3	64QAM	8	7	19.47	19.44	19.52		
3	64QAM	15	0	19.42	19.52	19.47		
3	256QAM	1	0	17.39	17.49	17.73	19	5
3	256QAM	1	8	17.74	17.76	17.58		
3	256QAM	1	14	17.83	17.50	17.83		
3	256QAM	8	0	17.54	17.55	17.92	19	5
3	256QAM	8	4	17.73	17.66	17.74		
3	256QAM	8	7	17.40	17.66	17.52		
3	256QAM	15	0	17.66	17.72	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.59	22.55	24	0
1.4	QPSK	1	3	22.55	22.58	22.46		
1.4	QPSK	1	5	22.58	22.61	22.57		
1.4	QPSK	3	0	22.58	22.57	22.53		
1.4	QPSK	3	1	22.62	22.66	22.53		
1.4	QPSK	3	3	22.54	22.60	22.57		
1.4	QPSK	6	0	21.57	21.63	21.52	23	1
1.4	16QAM	1	0	21.60	21.69	21.52	23	1
1.4	16QAM	1	3	21.61	21.60	21.53		
1.4	16QAM	1	5	21.50	21.57	21.53		
1.4	16QAM	3	0	21.59	21.57	21.57		
1.4	16QAM	3	1	21.64	21.57	21.54		
1.4	16QAM	3	3	21.56	21.58	21.56		
1.4	16QAM	6	0	20.56	20.68	20.55	22	2
1.4	64QAM	1	0	20.53	20.63	20.55	22	2
1.4	64QAM	1	3	20.61	20.63	20.46		
1.4	64QAM	1	5	20.58	20.59	20.43		
1.4	64QAM	3	0	20.54	20.69	20.57		
1.4	64QAM	3	1	20.49	20.66	20.45		
1.4	64QAM	3	3	20.53	20.62	20.43		
1.4	64QAM	6	0	19.57	19.59	19.54	21	3
1.4	256QAM	1	0	17.46	17.72	17.52	19	5
1.4	256QAM	1	3	17.76	17.70	17.66		
1.4	256QAM	1	5	17.59	17.50	17.81		
1.4	256QAM	3	0	17.55	17.71	17.52		
1.4	256QAM	3	1	17.65	17.54	17.79		
1.4	256QAM	3	3	17.54	17.66	17.60		
1.4	256QAM	6	0	17.64	17.54	17.56	19	5

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.69	23.71	23.63	25.0	0.0
40	PI/2 BPSK	1	108	23.47	23.54	23.50		
40	PI/2 BPSK	1	214	23.51	23.66	23.60		
40	PI/2 BPSK	108	0	23.02	23.17	23.14	24.5	0.5
40	PI/2 BPSK	108	54	23.66	23.68	23.55	25.0	0.0
40	PI/2 BPSK	108	108	23.13	23.22	23.08	24.5	0.5
40	PI/2 BPSK	216	0	23.21	23.24	23.10		
40	QPSK	1	1	23.69	23.74	23.63	25.0	0.0
40	QPSK	1	108	23.59	23.64	23.62		
40	QPSK	1	214	23.51	23.63	23.49		
40	QPSK	108	0	22.57	22.64	22.61	24.0	1.0
40	QPSK	108	54	23.58	23.69	23.56	25.0	0.0
40	QPSK	108	108	22.63	22.70	22.58	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.58		
40	16QAM	1	1	22.46	22.31	22.35	24.0	1.0
40	64QAM	1	1	21.00	20.86	20.91	22.5	2.5
40	256QAM	1	1	19.56	19.41	19.38	20.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.67	23.54	23.53	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.55	23.56	23.61	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.62	23.53	23.48	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.66	23.59	23.52	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.61	23.52	23.57	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.54	23.49	23.55	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.60	23.48	23.55	25.0	0.0

n2_Ant 2(ENDC)

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.27	22.37	22.28	24.0	0.0
40	PI/2 BPSK	1	108	22.23	22.35	22.23		
40	PI/2 BPSK	1	214	22.19	22.29	22.16		
40	PI/2 BPSK	108	0	21.72	21.87	21.75	23.5	0.5
40	PI/2 BPSK	108	54	22.14	22.27	22.17	24.0	0.0
40	PI/2 BPSK	108	108	21.84	21.93	21.90	23.5	0.5
40	PI/2 BPSK	216	0	21.74	21.89	21.82		
40	QPSK	1	1	22.35	22.44	22.36	24.0	0.0
40	QPSK	1	108	22.25	22.34	22.26		
40	QPSK	1	214	22.19	22.26	22.21		
40	QPSK	108	0	21.31	21.36	21.21	23.0	1.0
40	QPSK	108	54	22.31	22.43	22.34	24.0	0.0
40	QPSK	108	108	21.40	21.42	21.27	23.0	1.0
40	QPSK	216	0	21.35	21.39	21.32		
40	16QAM	1	1	21.04	21.04	21.02	23.0	1.0
40	64QAM	1	1	19.60	19.60	19.59	21.5	2.5
40	256QAM	1	1	18.28	18.23	18.32	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.17	22.25	22.16	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.16	22.31	22.18	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.15	22.27	22.28	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.16	22.25	22.22	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.24	22.25	22.17	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.25	22.22	22.18	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.27	22.23	22.14	24.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.54	23.61	23.50	25.0	0.0
40	PI/2 BPSK	1	108	23.48	23.58	23.47		
40	PI/2 BPSK	1	214	23.48	23.60	23.58		
40	PI/2 BPSK	108	0	22.98	23.11	22.99	24.5	0.5
40	PI/2 BPSK	108	54	23.42	23.45	23.40	25.0	0.0
40	PI/2 BPSK	108	108	23.05	23.10	22.95	24.5	0.5
40	PI/2 BPSK	216	0	23.04	23.14	23.11		
40	QPSK	1	1	23.55	23.62	23.52	25.0	0.0
40	QPSK	1	108	23.47	23.52	23.48		
40	QPSK	1	214	23.51	23.56	23.48		
40	QPSK	108	0	22.55	22.55	22.40	24.0	1.0
40	QPSK	108	54	23.52	23.57	23.42	25.0	0.0
40	QPSK	108	108	22.56	22.59	22.45	24.0	1.0
40	QPSK	216	0	22.56	22.61	22.56		
40	16QAM	1	1	22.31	22.20	22.22	24.0	1.0
40	64QAM	1	1	20.82	20.71	20.74	22.5	2.5
40	256QAM	1	1	19.52	19.33	19.32	20.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.49	23.42	23.48	25.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.47	23.45	23.38	25.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.46	23.39	23.40	25.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.45	23.36	23.33	25.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.52	23.36	23.38	25.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.45	23.38	23.34	25.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.52	23.37	23.35	25.0	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.30	24.83	24.66	25.0	0.0
45	PI/2 BPSK	1	122	24.31	24.73	24.63		
45	PI/2 BPSK	1	243	23.93	24.31	24.13		
45	PI/2 BPSK	120	0	23.78	24.22	24.05	24.5	0.5
45	PI/2 BPSK	120	60	24.05	24.44	24.28	25.0	0.0
45	PI/2 BPSK	120	122	24.07	24.42	24.17	24.5	0.5
45	PI/2 BPSK	243	0	24.01	24.41	24.31		
45	QPSK	1	1	24.45	24.87	24.69	25.0	0.0
45	QPSK	1	122	24.38	24.79	24.59		
45	QPSK	1	243	23.42	23.79	23.62		
45	QPSK	120	0	23.25	23.67	23.44	24.0	1.0
45	QPSK	120	60	24.41	24.81	24.58	25.0	0.0
45	QPSK	120	122	23.49	23.90	23.74	24.0	1.0
45	QPSK	243	0	23.48	23.88	23.69		
45	16QAM	1	1	22.97	23.19	23.31	24.0	1.0
45	64QAM	1	1	21.48	21.72	21.82	22.5	2.5
45	256QAM	1	1	20.13	20.32	20.43	20.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.30	24.73	24.60	25.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.41	24.81	24.66	25.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.34	24.72	24.65	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.37	24.85	24.65	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.32	24.77	24.58	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.33	24.76	24.61	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.35	24.86	24.61	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.34	24.80	24.54	25.0	0.0

n66_Ant 2(ENDC)

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.33	22.45	22.38	24.0	0.0
45	PI/2 BPSK	1	122	22.25	22.39	22.38		
45	PI/2 BPSK	1	243	22.22	22.32	22.21		
45	PI/2 BPSK	120	0	21.92	22.00	21.99	23.5	0.5
45	PI/2 BPSK	120	60	22.22	22.37	22.37	24.0	0.0
45	PI/2 BPSK	120	122	21.79	21.92	21.82	23.5	0.5
45	PI/2 BPSK	243	0	21.81	21.96	21.83		
45	QPSK	1	1	22.46	22.49	22.37	24.0	0.0
45	QPSK	1	122	22.32	22.39	22.31		
45	QPSK	1	243	22.29	22.34	22.21		
45	QPSK	120	0	21.50	21.51	21.46	23.0	1.0
45	QPSK	120	60	22.44	22.48	22.36	24.0	0.0
45	QPSK	120	122	21.42	21.45	21.45	23.0	1.0
45	QPSK	243	0	21.42	21.46	21.40		
45	16QAM	1	1	21.09	21.16	21.12	23.0	1.0
45	64QAM	1	1	19.67	19.75	19.73	21.5	2.5
45	256QAM	1	1	18.32	18.38	18.34	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.38	22.41	22.33	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.35	22.37	22.25	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.31	22.34	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.39	22.30	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.36	22.37	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.40	22.27	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.46	22.33	22.35	24.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.63	25.73	25.69	27.0	0.0
100	PI/2 BPSK	1	137	25.48	25.59	25.54		
100	PI/2 BPSK	1	271	25.33	25.41	25.35		
100	PI/2 BPSK	135	0	25.06	25.17	25.03	26.5	0.5
100	PI/2 BPSK	135	69	25.71	25.76	25.62	27.0	0.0
100	PI/2 BPSK	135	138	24.98	25.11	25.04	26.5	0.5
100	PI/2 BPSK	270	0	25.04	25.11	25.03		
100	QPSK	1	1	25.67	25.80	25.70	27.0	0.0
100	QPSK	1	137	25.45	25.57	25.46		
100	QPSK	1	271	25.26	25.27	25.19		
100	QPSK	135	0	24.52	24.57	24.46	27.0	0.0
100	QPSK	135	69	25.61	25.75	25.68		
100	QPSK	135	138	24.43	24.51	24.36		
100	QPSK	270	0	24.37	24.51	24.43	26.0	1.0
100	16QAM	1	1	24.12	24.03	24.10	26.0	1.0
100	64QAM	1	1	22.56	22.54	22.54	24.5	2.5
100	256QAM	1	1	21.22	21.20	21.09	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.63	25.77	25.66	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.62	25.74	25.68	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.55	25.74	25.59	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.65	25.78	25.69	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.64	25.72	25.61	27.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.67	25.69	25.64	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.63	25.65	25.61	27.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.66	25.74	25.62	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.65	25.76	25.66	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.56	25.68	25.70	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.53	25.79	25.60	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.59	25.78	25.58	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.58	25.67	25.70	27.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	23.52	23.73	23.52	25.0	0.0
100	PI/2 BPSK	1	137	23.51	23.55	23.49		
100	PI/2 BPSK	1	271	23.58	23.61	23.64		
100	PI/2 BPSK	135	0	22.95	23.08	23.04	25.0	0.0
100	PI/2 BPSK	135	69	23.64	23.70	23.56	25.0	0.0
100	PI/2 BPSK	135	138	23.21	23.25	23.24	25.0	0.0
100	PI/2 BPSK	270	0	23.12	23.16	23.09		
100	QPSK	1	1	23.58	23.79	23.66	25.0	0.0
100	QPSK	1	137	23.49	23.57	23.43		
100	QPSK	1	271	23.51	23.68	23.52		
100	QPSK	135	0	22.42	22.54	22.46	25.0	0.0
100	QPSK	135	69	23.54	23.65	23.60		
100	QPSK	135	138	22.62	22.75	22.63		
100	QPSK	270	0	22.50	22.62	22.52	25.0	0.0
100	16QAM	1	1	22.27	22.16	22.28	25.0	0.0
100	64QAM	1	1	22.81	22.72	22.80	24.5	0.5
100	256QAM	1	1	21.36	21.27	21.35	22.5	2.5
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	23.39	23.13	23.38	25.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	23.49	23.22	23.37	25.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	23.58	23.15	23.39	25.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	23.58	23.14	23.44	25.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	23.44	23.22	23.28	25.0	0.0
Channel				638168	641666	645166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3572.52	3624.99	3677.49		
45	QPSK	1	1	23.31	23.07	23.14	25.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	23.51	23.20	23.35	25.0	0.0
Channel				637834	641666	645500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3567.51	3624.99	3682.5		
35	QPSK	1	1	23.37	23.11	23.25	25.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.52	23.21	23.36	25.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	23.48	23.27	23.50	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.47	23.29	23.35	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.52	23.25	23.41	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.50	23.27	23.33	25.0	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.71		27.0	0.0
100	PI/2 BPSK	1	137		25.53			
100	PI/2 BPSK	1	271		25.68			
100	PI/2 BPSK	135	0		25.25		26.5	0.5
100	PI/2 BPSK	135	69		25.72		27.0	0.0
100	PI/2 BPSK	135	138		25.35		26.5	0.5
100	PI/2 BPSK	270	0		25.31			
100	QPSK	1	1		25.84		27.0	0.0
100	QPSK	1	137		25.53			
100	QPSK	1	271		25.67			
100	QPSK	135	0		24.69		27.0	0.0
100	QPSK	135	69		25.82			
100	QPSK	135	138		24.80			
100	QPSK	270	0		24.86		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.82		24.5	2.5
100	256QAM	1	1		21.38		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.72	25.59	25.61	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.52	25.59	25.45	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.54	25.66	25.67	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.48	25.80	25.54	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.52	25.67	25.66	27.0	0.0
Channel				631500	633332	635166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3472.5	3499.98	3527.49		
45	QPSK	1	1	25.37	25.59	25.54	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.65	25.70	25.57	27.0	0.0
Channel				631168	633332	635500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.52	3499.98	3532.5		
35	QPSK	1	1	25.51	25.57	25.59	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.68	25.57	25.49	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.61	25.63	25.58	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.69	25.58	25.61	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.67	25.81	25.49	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.53	25.73	25.63	27.0	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.78	25.91	25.71	27.0	0.0
100	PI/2 BPSK	1	137	25.71	25.74	25.64		
100	PI/2 BPSK	1	271	25.68	25.70	25.55		
100	PI/2 BPSK	135	0	25.22	25.37	25.33	26.5	0.5
100	PI/2 BPSK	135	69	25.87	25.90	25.82	27.0	0.0
100	PI/2 BPSK	135	138	25.29	25.29	25.14	26.5	0.5
100	PI/2 BPSK	270	0	25.27	25.31	25.16		
100	QPSK	1	1	25.76	25.92	25.80	27.0	0.0
100	QPSK	1	137	25.73	25.74	25.66		
100	QPSK	1	271	25.59	25.72	25.58		
100	QPSK	135	0	24.77	24.85	24.72	27.0	0.0
100	QPSK	135	69	25.74	25.85	25.73		
100	QPSK	135	138	24.74	24.77	24.66		
100	QPSK	270	0	24.69	24.78	24.77	26.0	1.0
100	16QAM	1	1	24.52	24.65	24.41	26.0	1.0
100	64QAM	1	1	23.04	23.18	22.95	24.5	2.5
100	256QAM	1	1	21.62	21.77	21.65	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.78	25.89	25.52	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.69	25.84	25.76	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	25.76	25.51	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.68	25.86	25.65	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.74	25.82	25.74	27.0	0.0
Channel				648168	656000	663832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.52	3840	3957.48		
45	QPSK	1	1	25.70	25.67	25.62	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.62	25.87	25.72	27.0	0.0
Channel				647834	656000	664166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3717.51	3840	3962.49		
35	QPSK	1	1	25.73	25.80	25.64	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.63	25.83	25.74	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.82	25.81	25.70	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.75	25.87	25.53	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.74	25.86	25.56	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	25.72	25.68	27.0	0.0

Reduced Power Mode for Receiver On

Band 2_Ant 3

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	17.16	17.26	17.18	18	0
20	QPSK	1	49	17.06	17.24	17.14		
20	QPSK	1	99	17.09	17.16	17.14		
20	QPSK	50	0	17.08	17.18	17.10	18	0
20	QPSK	50	24	17.07	17.09	17.03		
20	QPSK	50	50	17.01	17.08	17.02		
20	QPSK	100	0	17.01	17.13	17.02		
20	16QAM	1	0	17.05	17.15	17.08	18	0
20	16QAM	1	49	17.04	17.16	17.03		
20	16QAM	1	99	17.05	17.13	17.03		
20	16QAM	50	0	17.06	17.08	17.09	18	0
20	16QAM	50	24	17.03	17.12	17.09		
20	16QAM	50	50	16.99	17.13	17.06		
20	16QAM	100	0	17.03	17.13	17.00		
20	64QAM	1	0	17.06	17.14	17.04	18	0
20	64QAM	1	49	17.02	17.13	17.00		
20	64QAM	1	99	17.01	17.11	17.06		
20	64QAM	50	0	17.07	17.10	17.06	18	0
20	64QAM	50	24	17.01	17.08	17.02		
20	64QAM	50	50	17.02	17.17	17.00		
20	64QAM	100	0	16.99	17.16	17.03		
20	256QAM	1	0	17.04	17.08	17.07	18	0
20	256QAM	1	49	17.00	17.16	17.00		
20	256QAM	1	99	17.02	17.12	17.09		
20	256QAM	50	0	16.98	17.17	17.08	18	0
20	256QAM	50	24	17.01	17.13	17.08		
20	256QAM	50	50	16.99	17.08	17.00		
20	256QAM	100	0	16.98	17.09	17.09		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.11	17.13	17.22	18	0
15	QPSK	1	37	17.20	17.19	17.12		
15	QPSK	1	74	17.08	17.07	17.01		
15	QPSK	36	0	17.04	17.13	17.14	18	0
15	QPSK	36	20	17.04	17.03	17.03		
15	QPSK	36	39	16.96	17.05	17.06		
15	QPSK	75	0	17.06	17.12	17.04		
15	16QAM	1	0	17.11	17.01	17.03	18	0
15	16QAM	1	37	17.09	17.09	17.06		
15	16QAM	1	74	17.08	17.04	17.04		
15	16QAM	36	0	16.99	17.04	16.93	18	0
15	16QAM	36	20	17.07	17.05	17.04		
15	16QAM	36	39	17.03	17.01	17.08		
15	16QAM	75	0	17.12	16.99	17.09		
15	64QAM	1	0	17.12	17.12	17.09	18	0
15	64QAM	1	37	16.98	17.05	16.99		
15	64QAM	1	74	17.07	16.97	16.96		
15	64QAM	36	0	17.06	17.03	17.08	18	0
15	64QAM	36	20	16.93	16.95	16.94		
15	64QAM	36	39	17.03	17.13	17.12		
15	64QAM	75	0	17.09	17.04	17.11		
15	256QAM	1	0	17.04	16.95	17.07	18	0
15	256QAM	1	37	17.03	17.10	17.10		
15	256QAM	1	74	17.04	17.11	17.00		
15	256QAM	36	0	17.09	17.04	17.11	18	0
15	256QAM	36	20	17.10	17.07	16.99		
15	256QAM	36	39	16.93	16.93	17.02		
15	256QAM	75	0	16.99	17.06	16.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.21	17.17	17.14	18	0
10	QPSK	1	25	17.10	17.13	17.09		
10	QPSK	1	49	17.04	17.10	17.15		
10	QPSK	25	0	17.06	17.03	17.17	18	0
10	QPSK	25	12	16.99	16.97	16.97		
10	QPSK	25	25	17.05	17.04	17.04		
10	QPSK	50	0	17.09	17.00	17.01		
10	16QAM	1	0	17.10	17.02	17.11	18	0
10	16QAM	1	25	17.10	17.04	17.11		
10	16QAM	1	49	17.03	17.05	16.99		
10	16QAM	25	0	17.05	17.06	16.96	18	0
10	16QAM	25	12	17.03	16.97	17.03		
10	16QAM	25	25	17.06	17.06	17.00		
10	16QAM	50	0	17.07	17.03	17.03		
10	64QAM	1	0	17.13	17.03	17.13	18	0
10	64QAM	1	25	17.09	17.12	16.98		
10	64QAM	1	49	16.96	17.09	16.96		
10	64QAM	25	0	17.00	16.99	17.03	18	0
10	64QAM	25	12	16.95	17.00	16.93		
10	64QAM	25	25	17.02	17.10	17.02		
10	64QAM	50	0	17.04	17.13	17.11		
10	256QAM	1	0	17.05	16.95	16.98	18	0
10	256QAM	1	25	17.02	17.03	17.04		
10	256QAM	1	49	17.03	17.09	17.01		
10	256QAM	25	0	17.07	17.13	17.06	18	0
10	256QAM	25	12	17.01	17.03	17.02		
10	256QAM	25	25	16.95	17.06	16.99		
10	256QAM	50	0	17.06	16.98	17.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.12	17.23	17.15	18	0
5	QPSK	1	12	17.12	17.20	17.09		
5	QPSK	1	24	17.07	17.13	17.12		
5	QPSK	12	0	17.16	17.12	17.16	18	0
5	QPSK	12	7	17.05	17.05	17.02		
5	QPSK	12	13	16.98	16.95	17.06		
5	QPSK	25	0	17.00	17.02	17.04		
5	16QAM	1	0	17.10	17.09	17.13	18	0
5	16QAM	1	12	17.06	17.10	17.10		
5	16QAM	1	24	17.02	17.09	17.01		
5	16QAM	12	0	17.04	16.96	17.02	18	0
5	16QAM	12	7	17.03	17.03	16.99		
5	16QAM	12	13	17.01	17.02	17.08		
5	16QAM	25	0	17.10	17.09	17.12		
5	64QAM	1	0	16.99	17.05	17.07	18	0
5	64QAM	1	12	17.03	16.99	16.99		
5	64QAM	1	24	16.96	17.01	17.07		
5	64QAM	12	0	17.05	17.00	16.96	18	0
5	64QAM	12	7	17.02	16.95	17.04		
5	64QAM	12	13	17.14	17.12	17.07		
5	64QAM	25	0	17.09	17.01	17.05		
5	256QAM	1	0	17.03	17.00	17.07	18	0
5	256QAM	1	12	17.05	17.04	17.02		
5	256QAM	1	24	17.11	17.10	17.02		
5	256QAM	12	0	17.15	17.16	17.03	18	0
5	256QAM	12	7	16.98	17.04	17.00		
5	256QAM	12	13	16.98	16.97	17.07		
5	256QAM	25	0	17.03	16.99	16.94		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.24	17.15	17.14	18	0
3	QPSK	1	8	17.16	17.17	17.17		
3	QPSK	1	14	17.09	17.03	17.02		
3	QPSK	8	0	17.11	17.17	17.16	18	0
3	QPSK	8	4	17.07	17.03	17.06		
3	QPSK	8	7	16.97	17.01	17.07		
3	QPSK	15	0	17.07	17.02	17.12		
3	16QAM	1	0	17.08	17.09	17.05	18	0
3	16QAM	1	8	17.04	17.01	17.13		
3	16QAM	1	14	17.09	16.99	17.03		
3	16QAM	8	0	17.07	17.02	16.97	18	0
3	16QAM	8	4	17.08	17.09	17.10		
3	16QAM	8	7	17.08	16.99	17.09		
3	16QAM	15	0	17.02	17.12	17.10		
3	64QAM	1	0	17.02	17.05	17.07	18	0
3	64QAM	1	8	17.11	17.01	17.01		
3	64QAM	1	14	17.00	17.04	17.05		
3	64QAM	8	0	16.99	16.98	17.06	18	0
3	64QAM	8	4	17.01	16.99	16.98		
3	64QAM	8	7	17.06	17.16	17.13		
3	64QAM	15	0	17.03	17.13	17.06		
3	256QAM	1	0	16.93	16.96	17.00	18	0
3	256QAM	1	8	17.01	17.05	17.15		
3	256QAM	1	14	17.01	17.06	17.03		
3	256QAM	8	0	17.03	17.12	17.03	18	0
3	256QAM	8	4	17.12	17.09	17.11		
3	256QAM	8	7	17.04	17.01	17.00		
3	256QAM	15	0	16.95	17.04	17.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.25	17.24	17.13	18	0
1.4	QPSK	1	3	17.12	17.13	17.11		
1.4	QPSK	1	5	17.11	17.02	17.01		
1.4	QPSK	3	0	17.04	17.03	17.11		
1.4	QPSK	3	1	17.03	16.98	17.05		
1.4	QPSK	3	3	16.98	16.95	16.96		
1.4	QPSK	6	0	17.04	17.05	17.00	18	0
1.4	16QAM	1	0	17.03	17.13	17.07	18	0
1.4	16QAM	1	3	17.09	17.10	17.15		
1.4	16QAM	1	5	17.01	17.08	16.99		
1.4	16QAM	3	0	17.01	16.96	16.98		
1.4	16QAM	3	1	17.07	17.03	17.06		
1.4	16QAM	3	3	17.04	17.11	17.01		
1.4	16QAM	6	0	17.06	16.99	17.06	18	0
1.4	64QAM	1	0	17.06	17.03	17.00	18	0
1.4	64QAM	1	3	17.02	17.12	17.01		
1.4	64QAM	1	5	17.04	17.06	17.09		
1.4	64QAM	3	0	17.08	16.97	17.00		
1.4	64QAM	3	1	16.97	16.94	17.03		
1.4	64QAM	3	3	17.06	17.15	17.06		
1.4	64QAM	6	0	17.06	17.06	17.15	18	0
1.4	256QAM	1	0	17.04	17.02	16.99	18	0
1.4	256QAM	1	3	17.13	17.02	17.08		
1.4	256QAM	1	5	16.99	17.03	17.11		
1.4	256QAM	3	0	17.06	17.02	17.03		
1.4	256QAM	3	1	17.10	17.02	17.11		
1.4	256QAM	3	3	16.96	17.03	17.06		
1.4	256QAM	6	0	17.06	16.94	17.01	18	0

Band 2_Ant 2(ENDC)

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	15.27	15.31	15.25	16.5	0
20	QPSK	1	49	15.24	15.23	15.18		
20	QPSK	1	99	15.20	15.21	15.16		
20	QPSK	50	0	15.17	15.28	15.16	16.5	0
20	QPSK	50	24	15.10	15.23	15.07		
20	QPSK	50	50	15.09	15.23	15.06		
20	QPSK	100	0	15.12	15.22	15.08		
20	16QAM	1	0	15.16	15.21	15.06	16.5	0
20	16QAM	1	49	15.09	15.20	15.14		
20	16QAM	1	99	15.07	15.18	15.10		
20	16QAM	50	0	15.14	15.20	15.14	16.5	0
20	16QAM	50	24	15.15	15.21	15.14		
20	16QAM	50	50	15.15	15.22	15.07		
20	16QAM	100	0	15.16	15.21	15.09		
20	64QAM	1	0	15.09	15.20	15.08	16.5	0
20	64QAM	1	49	15.08	15.18	15.10		
20	64QAM	1	99	15.12	15.26	15.10		
20	64QAM	50	0	15.15	15.27	15.08	16.5	0
20	64QAM	50	24	15.16	15.19	15.10		
20	64QAM	50	50	15.12	15.25	15.15		
20	64QAM	100	0	15.09	15.19	15.11		
20	256QAM	1	0	15.15	15.26	15.09	16.5	0
20	256QAM	1	49	15.11	15.27	15.07		
20	256QAM	1	99	15.14	15.20	15.15		
20	256QAM	50	0	15.12	15.25	15.14	16.5	0
20	256QAM	50	24	15.15	15.27	15.09		
20	256QAM	50	50	15.08	15.23	15.10		
20	256QAM	100	0	15.10	15.21	15.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.18	15.29	15.22	16.5	0
15	QPSK	1	37	15.11	15.11	15.13		
15	QPSK	1	74	15.11	15.10	15.09		
15	QPSK	36	0	15.16	15.16	15.20	16.5	0
15	QPSK	36	20	15.11	15.16	15.15		
15	QPSK	36	39	15.08	15.09	15.12		
15	QPSK	75	0	15.18	15.13	15.21		
15	16QAM	1	0	15.17	15.08	15.15	16.5	0
15	16QAM	1	37	15.07	15.08	15.13		
15	16QAM	1	74	15.13	15.03	15.03		
15	16QAM	36	0	15.19	15.14	15.14	16.5	0
15	16QAM	36	20	15.10	15.20	15.18		
15	16QAM	36	39	15.21	15.19	15.21		
15	16QAM	75	0	15.09	15.17	15.13		
15	64QAM	1	0	15.11	15.15	15.13	16.5	0
15	64QAM	1	37	15.03	15.13	15.08		
15	64QAM	1	74	15.21	15.19	15.14		
15	64QAM	36	0	15.25	15.18	15.17	16.5	0
15	64QAM	36	20	15.13	15.08	15.08		
15	64QAM	36	39	15.11	15.11	15.10		
15	64QAM	75	0	15.18	15.09	15.04		
15	256QAM	1	0	15.19	15.25	15.24	16.5	0
15	256QAM	1	37	15.23	15.18	15.21		
15	256QAM	1	74	15.09	15.12	15.16		
15	256QAM	36	0	15.23	15.11	15.11	16.5	0
15	256QAM	36	20	15.19	15.19	15.14		
15	256QAM	36	39	15.12	15.15	15.20		
15	256QAM	75	0	15.08	15.10	15.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.19	15.21	15.23	16.5	0
10	QPSK	1	25	15.19	15.18	15.08		
10	QPSK	1	49	15.12	15.06	15.15		
10	QPSK	25	0	15.14	15.22	15.24	16.5	0
10	QPSK	25	12	15.22	15.15	15.14		
10	QPSK	25	25	15.08	15.20	15.21		
10	QPSK	50	0	15.13	15.11	15.20		
10	16QAM	1	0	15.17	15.06	15.14	16.5	0
10	16QAM	1	25	15.12	15.15	15.11		
10	16QAM	1	49	15.04	15.15	15.07		
10	16QAM	25	0	15.18	15.18	15.13	16.5	0
10	16QAM	25	12	15.06	15.07	15.15		
10	16QAM	25	25	15.11	15.20	15.09		
10	16QAM	50	0	15.12	15.20	15.08		
10	64QAM	1	0	15.15	15.18	15.16	16.5	0
10	64QAM	1	25	15.17	15.05	15.16		
10	64QAM	1	49	15.14	15.12	15.19		
10	64QAM	25	0	15.18	15.20	15.25	16.5	0
10	64QAM	25	12	15.13	15.10	15.05		
10	64QAM	25	25	15.12	15.12	15.17		
10	64QAM	50	0	15.06	15.12	15.08		
10	256QAM	1	0	15.24	15.15	15.12	16.5	0
10	256QAM	1	25	15.12	15.13	15.15		
10	256QAM	1	49	15.19	15.11	15.11		
10	256QAM	25	0	15.14	15.15	15.13	16.5	0
10	256QAM	25	12	15.25	15.25	15.21		
10	256QAM	25	25	15.16	15.11	15.13		
10	256QAM	50	0	15.13	15.08	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.17	15.28	15.16	16.5	0
5	QPSK	1	12	15.11	15.11	15.12		
5	QPSK	1	24	15.16	15.18	15.08		
5	QPSK	12	0	15.23	15.27	15.18	16.5	0
5	QPSK	12	7	15.22	15.17	15.16		
5	QPSK	12	13	15.14	15.20	15.14		
5	QPSK	25	0	15.17	15.17	15.18		
5	16QAM	1	0	15.16	15.06	15.16	16.5	0
5	16QAM	1	12	15.15	15.12	15.18		
5	16QAM	1	24	15.03	15.04	15.12		
5	16QAM	12	0	15.17	15.06	15.11	16.5	0
5	16QAM	12	7	15.17	15.18	15.19		
5	16QAM	12	13	15.11	15.07	15.16		
5	16QAM	25	0	15.16	15.08	15.08		
5	64QAM	1	0	15.16	15.13	15.07	16.5	0
5	64QAM	1	12	15.10	15.09	15.08		
5	64QAM	1	24	15.23	15.17	15.25		
5	64QAM	12	0	15.20	15.23	15.24	16.5	0
5	64QAM	12	7	15.09	15.06	15.09		
5	64QAM	12	13	15.21	15.23	15.12		
5	64QAM	25	0	15.12	15.16	15.10		
5	256QAM	1	0	15.20	15.19	15.13	16.5	0
5	256QAM	1	12	15.20	15.20	15.12		
5	256QAM	1	24	15.10	15.16	15.15		
5	256QAM	12	0	15.23	15.14	15.24	16.5	0
5	256QAM	12	7	15.22	15.12	15.20		
5	256QAM	12	13	15.19	15.20	15.10		
5	256QAM	25	0	15.13	15.11	15.15		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.28	15.30	15.29	16.5	0
3	QPSK	1	8	15.11	15.20	15.14		
3	QPSK	1	14	15.15	15.10	15.15		
3	QPSK	8	0	15.19	15.20	15.25	16.5	0
3	QPSK	8	4	15.15	15.17	15.17		
3	QPSK	8	7	15.14	15.09	15.14		
3	QPSK	15	0	15.20	15.07	15.17		
3	16QAM	1	0	15.12	15.17	15.11	16.5	0
3	16QAM	1	8	15.18	15.08	15.05		
3	16QAM	1	14	15.08	15.06	15.11		
3	16QAM	8	0	15.10	15.08	15.19	16.5	0
3	16QAM	8	4	15.06	15.20	15.10		
3	16QAM	8	7	15.20	15.15	15.09		
3	16QAM	15	0	15.12	15.19	15.06		
3	64QAM	1	0	15.13	15.16	15.12	16.5	0
3	64QAM	1	8	15.17	15.05	15.13		
3	64QAM	1	14	15.19	15.25	15.23		
3	64QAM	8	0	15.24	15.16	15.14	16.5	0
3	64QAM	8	4	15.10	15.18	15.17		
3	64QAM	8	7	15.17	15.23	15.24		
3	64QAM	15	0	15.07	15.05	15.17		
3	256QAM	1	0	15.15	15.23	15.16	16.5	0
3	256QAM	1	8	15.19	15.17	15.12		
3	256QAM	1	14	15.13	15.07	15.07		
3	256QAM	8	0	15.12	15.19	15.22	16.5	0
3	256QAM	8	4	15.12	15.25	15.17		
3	256QAM	8	7	15.18	15.15	15.13		
3	256QAM	15	0	15.11	15.19	15.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.22	15.27	15.24	16.5	0
1.4	QPSK	1	3	15.15	15.20	15.13		
1.4	QPSK	1	5	15.07	15.12	15.07		
1.4	QPSK	3	0	15.21	15.14	15.18		
1.4	QPSK	3	1	15.10	15.12	15.15		
1.4	QPSK	3	3	15.19	15.13	15.18		
1.4	QPSK	6	0	15.17	15.14	15.09	16.5	0
1.4	16QAM	1	0	15.17	15.08	15.14	16.5	0
1.4	16QAM	1	3	15.07	15.12	15.11		
1.4	16QAM	1	5	15.12	15.17	15.12		
1.4	16QAM	3	0	15.14	15.12	15.06		
1.4	16QAM	3	1	15.20	15.06	15.15		
1.4	16QAM	3	3	15.16	15.14	15.11		
1.4	16QAM	6	0	15.08	15.14	15.08	16.5	0
1.4	64QAM	1	0	15.19	15.17	15.09	16.5	0
1.4	64QAM	1	3	15.15	15.14	15.14		
1.4	64QAM	1	5	15.13	15.13	15.24		
1.4	64QAM	3	0	15.12	15.17	15.22		
1.4	64QAM	3	1	15.05	15.15	15.15		
1.4	64QAM	3	3	15.14	15.17	15.10		
1.4	64QAM	6	0	15.12	15.11	15.10	16.5	0
1.4	256QAM	1	0	15.23	15.13	15.19	16.5	0
1.4	256QAM	1	3	15.19	15.22	15.21		
1.4	256QAM	1	5	15.06	15.19	15.06		
1.4	256QAM	3	0	15.20	15.10	15.21		
1.4	256QAM	3	1	15.24	15.26	15.26		
1.4	256QAM	3	3	15.19	15.16	15.15		
1.4	256QAM	6	0	15.17	15.14	15.18	16.5	0

Band 4_Ant 3

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	15.83	16.16	16.03	17.5	0
20	QPSK	1	49	15.59	15.82	15.86		
20	QPSK	1	99	15.52	15.87	15.75		
20	QPSK	50	0	15.70	16.08	15.99	17.5	0
20	QPSK	50	24	15.58	15.94	15.88		
20	QPSK	50	50	15.69	16.06	15.98		
20	QPSK	100	0	15.77	16.08	16.07		
20	16QAM	1	0	15.70	15.93	15.98	17.5	0
20	16QAM	1	49	15.59	16.02	15.95		
20	16QAM	1	99	15.71	16.11	15.98		
20	16QAM	50	0	15.76	16.04	16.06	17.5	0
20	16QAM	50	24	15.59	15.98	15.96		
20	16QAM	50	50	15.75	15.94	16.02		
20	16QAM	100	0	15.74	16.05	15.91		
20	64QAM	1	0	15.79	16.00	16.03	17.5	0
20	64QAM	1	49	15.72	15.99	15.93		
20	64QAM	1	99	15.75	16.03	15.98		
20	64QAM	50	0	15.61	16.09	15.98	17.5	0
20	64QAM	50	24	15.59	15.97	15.96		
20	64QAM	50	50	15.66	16.05	16.00		
20	64QAM	100	0	15.82	15.93	15.85		
20	256QAM	1	0	15.78	16.00	16.10	17.5	0
20	256QAM	1	49	15.67	15.95	15.93		
20	256QAM	1	99	15.60	16.07	16.01		
20	256QAM	50	0	15.82	15.95	15.95	17.5	0
20	256QAM	50	24	15.72	15.96	15.99		
20	256QAM	50	50	15.73	16.13	15.91		
20	256QAM	100	0	15.82	15.97	15.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.73	16.02	15.96	17.5	0
15	QPSK	1	37	15.62	15.82	15.98		
15	QPSK	1	74	15.65	15.85	15.86		
15	QPSK	36	0	15.66	16.15	16.03	17.5	0
15	QPSK	36	20	15.75	16.06	15.90		
15	QPSK	36	39	15.62	15.95	15.95		
15	QPSK	75	0	15.81	15.97	16.09		
15	16QAM	1	0	15.61	15.91	16.01	17.5	0
15	16QAM	1	37	15.75	15.98	16.08		
15	16QAM	1	74	15.67	16.03	15.87		
15	16QAM	36	0	15.70	16.09	16.06	17.5	0
15	16QAM	36	20	15.74	15.92	15.97		
15	16QAM	36	39	15.65	16.09	16.02		
15	16QAM	75	0	15.78	16.05	16.03		
15	64QAM	1	0	15.75	15.91	16.02	17.5	0
15	64QAM	1	37	15.67	16.02	15.87		
15	64QAM	1	74	15.73	16.01	16.02		
15	64QAM	36	0	15.66	16.07	16.04	17.5	0
15	64QAM	36	20	15.75	15.94	16.07		
15	64QAM	36	39	15.62	16.08	15.94		
15	64QAM	75	0	15.77	15.98	15.97		
15	256QAM	1	0	15.73	16.02	16.01	17.5	0
15	256QAM	1	37	15.62	15.96	15.95		
15	256QAM	1	74	15.62	16.08	15.89		
15	256QAM	36	0	15.63	16.07	15.98	17.5	0
15	256QAM	36	20	15.66	15.97	16.00		
15	256QAM	36	39	15.79	16.13	16.05		
15	256QAM	75	0	15.76	16.05	15.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.73	16.02	15.96	17.5	0
10	QPSK	1	25	15.62	15.82	15.98		
10	QPSK	1	49	15.65	15.85	15.86		
10	QPSK	25	0	15.66	16.15	16.03	17.5	0
10	QPSK	25	12	15.75	16.06	15.90		
10	QPSK	25	25	15.62	15.95	15.95		
10	QPSK	50	0	15.81	15.97	16.09		
10	16QAM	1	0	15.61	15.91	16.01	17.5	0
10	16QAM	1	25	15.75	15.98	16.08		
10	16QAM	1	49	15.67	16.03	15.87		
10	16QAM	25	0	15.70	16.09	16.06	17.5	0
10	16QAM	25	12	15.74	15.92	15.97		
10	16QAM	25	25	15.65	16.09	16.02		
10	16QAM	50	0	15.78	16.05	16.03		
10	64QAM	1	0	15.75	15.91	16.02	17.5	0
10	64QAM	1	25	15.67	16.02	15.87		
10	64QAM	1	49	15.73	16.01	16.02		
10	64QAM	25	0	15.66	16.07	16.04	17.5	0
10	64QAM	25	12	15.75	15.94	16.07		
10	64QAM	25	25	15.62	16.08	15.94		
10	64QAM	50	0	15.77	15.98	15.97		
10	256QAM	1	0	15.73	16.02	16.01	17.5	0
10	256QAM	1	25	15.62	15.96	15.95		
10	256QAM	1	49	15.62	16.08	15.89		
10	256QAM	25	0	15.63	16.07	15.98	17.5	0
10	256QAM	25	12	15.66	15.97	16.00		
10	256QAM	25	25	15.79	16.13	16.05		
10	256QAM	50	0	15.76	16.05	15.86		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.72	16.06	16.12	17.5	0
5	QPSK	1	12	15.56	15.80	15.90		
5	QPSK	1	24	15.62	15.70	15.87		
5	QPSK	12	0	15.59	16.06	15.89	17.5	0
5	QPSK	12	7	15.59	16.11	15.96		
5	QPSK	12	13	15.78	15.96	15.98		
5	QPSK	25	0	15.64	16.06	15.94		
5	16QAM	1	0	15.66	16.02	16.02	17.5	0
5	16QAM	1	12	15.57	16.03	16.03		
5	16QAM	1	24	15.66	15.97	15.89		
5	16QAM	12	0	15.73	16.05	16.07	17.5	0
5	16QAM	12	7	15.68	16.03	16.02		
5	16QAM	12	13	15.62	15.93	15.93		
5	16QAM	25	0	15.77	15.98	15.94		
5	64QAM	1	0	15.77	15.95	16.07	17.5	0
5	64QAM	1	12	15.65	15.95	16.02		
5	64QAM	1	24	15.74	15.91	15.98		
5	64QAM	12	0	15.65	15.96	15.98	17.5	0
5	64QAM	12	7	15.76	16.02	15.90		
5	64QAM	12	13	15.60	16.12	16.00		
5	64QAM	25	0	15.76	16.00	15.97		
5	256QAM	1	0	15.64	16.05	15.99	17.5	0
5	256QAM	1	12	15.74	15.95	15.99		
5	256QAM	1	24	15.64	15.94	15.98		
5	256QAM	12	0	15.76	15.96	15.89	17.5	0
5	256QAM	12	7	15.62	15.89	15.85		
5	256QAM	12	13	15.77	16.05	16.06		
5	256QAM	25	0	15.71	15.95	16.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.79	16.05	16.10	17.5	0
3	QPSK	1	8	15.56	15.79	15.95		
3	QPSK	1	14	15.65	15.66	15.99		
3	QPSK	8	0	15.70	16.14	15.93	17.5	0
3	QPSK	8	4	15.69	16.06	15.89		
3	QPSK	8	7	15.66	16.04	15.89		
3	QPSK	15	0	15.80	16.03	16.07		
3	16QAM	1	0	15.74	16.04	16.02	17.5	0
3	16QAM	1	8	15.76	16.08	15.91		
3	16QAM	1	14	15.62	15.96	15.99		
3	16QAM	8	0	15.62	16.13	15.91	17.5	0
3	16QAM	8	4	15.68	16.05	16.03		
3	16QAM	8	7	15.60	16.03	15.87		
3	16QAM	15	0	15.74	16.10	15.97		
3	64QAM	1	0	15.80	15.92	16.10	17.5	0
3	64QAM	1	8	15.72	16.10	15.92		
3	64QAM	1	14	15.61	16.00	16.00		
3	64QAM	8	0	15.65	15.93	16.07	17.5	0
3	64QAM	8	4	15.60	16.06	15.92		
3	64QAM	8	7	15.54	16.05	15.91		
3	64QAM	15	0	15.63	16.05	15.90		
3	256QAM	1	0	15.74	15.92	16.07	17.5	0
3	256QAM	1	8	15.80	16.02	16.03		
3	256QAM	1	14	15.71	15.97	15.99		
3	256QAM	8	0	15.66	15.93	16.01	17.5	0
3	256QAM	8	4	15.66	15.99	15.89		
3	256QAM	8	7	15.78	16.10	15.86		
3	256QAM	15	0	15.78	15.99	15.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.50	15.83	15.98	17.5	0
1.4	QPSK	1	3	15.52	15.69	15.85		
1.4	QPSK	1	5	15.50	15.65	15.96		
1.4	QPSK	3	0	15.75	15.95	15.85		
1.4	QPSK	3	1	15.67	15.97	15.97		
1.4	QPSK	3	3	15.74	16.07	15.99		
1.4	QPSK	6	0	15.67	15.93	15.99	17.5	0
1.4	16QAM	1	0	15.61	15.98	15.96	17.5	0
1.4	16QAM	1	3	15.75	15.98	15.93		
1.4	16QAM	1	5	15.73	16.08	15.93		
1.4	16QAM	3	0	15.56	15.99	15.93		
1.4	16QAM	3	1	15.63	16.09	15.96		
1.4	16QAM	3	3	15.70	16.00	16.08		
1.4	16QAM	6	0	15.59	15.94	15.95	17.5	0
1.4	64QAM	1	0	15.77	16.02	15.98	17.5	0
1.4	64QAM	1	3	15.71	16.05	16.03		
1.4	64QAM	1	5	15.60	16.07	15.94		
1.4	64QAM	3	0	15.73	16.05	15.95		
1.4	64QAM	3	1	15.70	15.97	15.99		
1.4	64QAM	3	3	15.75	15.95	15.99		
1.4	64QAM	6	0	15.76	15.97	15.99	17.5	0
1.4	256QAM	1	0	15.64	16.08	15.96	17.5	0
1.4	256QAM	1	3	15.73	16.06	15.92		
1.4	256QAM	1	5	15.70	15.96	16.05		
1.4	256QAM	3	0	15.64	16.09	16.02		
1.4	256QAM	3	1	15.69	16.06	15.97		
1.4	256QAM	3	3	15.58	15.92	15.87		
1.4	256QAM	6	0	15.71	16.06	15.90	17.5	0

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.11	23.04	24	0
10	QPSK	1	25	23.04	23.07	22.94		
10	QPSK	1	49	23.02	23.10	23.00		
10	QPSK	25	0	23.06	23.10	23.02	24	0
10	QPSK	25	12	23.01	23.07	22.98		
10	QPSK	25	25	23.03	23.04	22.95		
10	QPSK	50	0	22.98	23.10	22.94		
10	16QAM	1	0	23.05	23.04	23.00	24	0
10	16QAM	1	25	23.03	23.02	23.00		
10	16QAM	1	49	23.02	23.02	23.03		
10	16QAM	25	0	21.71	21.68	21.78	23	1
10	16QAM	25	12	21.66	21.64	21.59		
10	16QAM	25	25	21.60	21.63	21.52		
10	16QAM	50	0	21.67	21.78	21.68		
10	64QAM	1	0	22.10	22.05	22.07	23	1
10	64QAM	1	25	21.68	21.63	21.66		
10	64QAM	1	49	21.97	21.96	21.95		
10	64QAM	25	0	20.69	20.65	20.64	22	2
10	64QAM	25	12	20.77	20.70	20.83		
10	64QAM	25	25	20.65	20.54	20.58		
10	64QAM	50	0	20.63	20.59	20.61		
10	256QAM	1	0	18.87	18.82	18.84	20	4
10	256QAM	1	25	18.91	18.88	18.91		
10	256QAM	1	49	18.73	18.81	18.81		
10	256QAM	25	0	18.51	18.55	18.53	20	4
10	256QAM	25	12	18.65	18.71	18.67		
10	256QAM	25	25	18.54	18.59	18.48		
10	256QAM	50	0	18.58	18.58	18.61		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.97	23.08	22.96	24	0
5	QPSK	1	12	22.97	22.99	23.04		
5	QPSK	1	24	23.09	23.00	23.05		
5	QPSK	12	0	23.02	22.98	23.08	24	0
5	QPSK	12	7	23.04	23.00	22.92		
5	QPSK	12	13	22.97	23.01	22.96		
5	QPSK	25	0	23.08	23.04	22.96		
5	16QAM	1	0	23.01	22.94	22.99	24	0
5	16QAM	1	12	22.96	22.90	22.93		
5	16QAM	1	24	22.94	23.00	22.96		
5	16QAM	12	0	21.67	21.54	21.58	23	1
5	16QAM	12	7	21.60	21.52	21.54		
5	16QAM	12	13	21.59	21.54	21.48		
5	16QAM	25	0	21.70	21.72	21.70		
5	64QAM	1	0	21.90	22.03	21.94	23	1
5	64QAM	1	12	21.53	21.60	21.59		
5	64QAM	1	24	21.90	21.91	21.94		
5	64QAM	12	0	20.61	20.64	20.55	22	2
5	64QAM	12	7	20.60	20.69	20.57		
5	64QAM	12	13	20.45	20.47	20.50		
5	64QAM	25	0	20.46	20.57	20.57		
5	256QAM	1	0	18.77	18.75	18.80	20	4
5	256QAM	1	12	18.77	18.74	18.78		
5	256QAM	1	24	18.80	18.79	18.78		
5	256QAM	12	0	18.41	18.49	18.45	20	4
5	256QAM	12	7	18.66	18.57	18.67		
5	256QAM	12	13	18.51	18.46	18.49		
5	256QAM	25	0	18.56	18.46	18.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.03	23.02	23.01	24	0
3	QPSK	1	8	23.04	22.97	23.00		
3	QPSK	1	14	23.01	23.04	23.05		
3	QPSK	8	0	22.96	23.00	23.01	24	0
3	QPSK	8	4	23.02	23.01	23.06		
3	QPSK	8	7	22.91	22.99	22.99		
3	QPSK	15	0	22.96	23.02	23.01		
3	16QAM	1	0	23.03	23.02	22.92	24	0
3	16QAM	1	8	22.95	22.91	22.98		
3	16QAM	1	14	22.96	22.99	22.91		
3	16QAM	8	0	21.62	21.56	21.56	23	1
3	16QAM	8	4	21.51	21.52	21.62		
3	16QAM	8	7	21.52	21.51	21.49		
3	16QAM	15	0	21.69	21.66	21.71		
3	64QAM	1	0	21.91	21.99	22.00	23	1
3	64QAM	1	8	21.57	21.52	21.51		
3	64QAM	1	14	21.84	21.92	21.84		
3	64QAM	8	0	20.58	20.60	20.60	22	2
3	64QAM	8	4	20.62	20.63	20.62		
3	64QAM	8	7	20.42	20.45	20.46		
3	64QAM	15	0	20.54	20.58	20.45		
3	256QAM	1	0	18.71	18.78	18.76	20	4
3	256QAM	1	8	18.87	18.87	18.74		
3	256QAM	1	14	18.73	18.67	18.69		
3	256QAM	8	0	18.43	18.45	18.41	20	4
3	256QAM	8	4	18.62	18.66	18.67		
3	256QAM	8	7	18.46	18.53	18.54		
3	256QAM	15	0	18.56	18.45	18.52		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.96	23.10	22.99	24	0
1.4	QPSK	1	3	23.05	22.92	22.96		
1.4	QPSK	1	5	23.07	23.08	23.04		
1.4	QPSK	3	0	23.02	23.05	22.98		
1.4	QPSK	3	1	22.97	23.05	23.05		
1.4	QPSK	3	3	22.91	22.97	22.96		
1.4	QPSK	6	0	22.96	23.01	23.09	24	0
1.4	16QAM	1	0	22.93	23.02	23.00	24	0
1.4	16QAM	1	3	22.96	22.94	22.91		
1.4	16QAM	1	5	22.93	22.99	23.00		
1.4	16QAM	3	0	22.38	22.39	22.40		
1.4	16QAM	3	1	22.30	22.35	22.40		
1.4	16QAM	3	3	22.41	22.41	22.37		
1.4	16QAM	6	0	21.75	21.66	21.77	23	1
1.4	64QAM	1	0	21.95	21.99	22.01	23	1
1.4	64QAM	1	3	21.53	21.52	21.52		
1.4	64QAM	1	5	21.81	21.87	21.88		
1.4	64QAM	3	0	21.38	21.37	21.32		
1.4	64QAM	3	1	21.41	21.40	21.48		
1.4	64QAM	3	3	21.28	21.26	21.32		
1.4	64QAM	6	0	20.56	20.48	20.47	22	2
1.4	256QAM	1	0	18.75	18.69	18.77	20	4
1.4	256QAM	1	3	18.82	18.81	18.80		
1.4	256QAM	1	5	18.70	18.74	18.72		
1.4	256QAM	3	0	18.50	18.54	18.46		
1.4	256QAM	3	1	18.63	18.63	18.65		
1.4	256QAM	3	3	18.51	18.55	18.44		
1.4	256QAM	6	0	18.54	18.48	18.45	20	4

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.88	22.98	22.95	24	0
10	QPSK	1	25	22.78	22.86	22.85		
10	QPSK	1	49	22.80	22.95	22.89		
10	QPSK	25	0	22.77	22.92	22.89	24	0
10	QPSK	25	12	22.68	22.86	22.81		
10	QPSK	25	25	22.74	22.84	22.87		
10	QPSK	50	0	22.70	22.89	22.83		
10	16QAM	1	0	22.70	22.85	22.80	24	0
10	16QAM	1	25	22.71	22.90	22.81		
10	16QAM	1	49	22.71	22.89	22.83		
10	16QAM	25	0	21.58	21.56	21.61	23	1
10	16QAM	25	12	21.57	21.49	21.62		
10	16QAM	25	25	21.61	21.49	21.62		
10	16QAM	50	0	21.60	21.64	21.61		
10	64QAM	1	0	21.58	21.51	21.59	23	1
10	64QAM	1	25	21.39	21.51	21.48		
10	64QAM	1	49	21.99	21.96	21.91		
10	64QAM	25	0	20.56	20.54	20.47	22	2
10	64QAM	25	12	20.52	20.48	20.46		
10	64QAM	25	25	20.55	20.51	20.54		
10	64QAM	50	0	20.50	20.59	20.49		
10	256QAM	1	0	18.87	18.86	18.82	20	4
10	256QAM	1	25	18.87	18.89	18.87		
10	256QAM	1	49	18.74	18.80	18.80		
10	256QAM	25	0	18.75	18.79	18.73	20	4
10	256QAM	25	12	18.70	18.64	18.68		
10	256QAM	25	25	18.61	18.63	18.65		
10	256QAM	50	0	18.70	18.75	18.64		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.91	22.86	22.87	24	0
5	QPSK	1	12	22.76	22.73	22.83		
5	QPSK	1	24	22.88	22.92	22.80		
5	QPSK	12	0	22.79	22.80	22.84	24	0
5	QPSK	12	7	22.83	22.71	22.77		
5	QPSK	12	13	22.80	22.80	22.80		
5	QPSK	25	0	22.79	22.75	22.81		
5	16QAM	1	0	22.75	22.78	22.79	24	0
5	16QAM	1	12	22.81	22.80	22.84		
5	16QAM	1	24	22.84	22.82	22.85		
5	16QAM	12	0	21.54	21.47	21.49	23	1
5	16QAM	12	7	21.45	21.37	21.35		
5	16QAM	12	13	21.38	21.41	21.39		
5	16QAM	25	0	21.49	21.52	21.53		
5	64QAM	1	0	21.43	21.49	21.38	23	1
5	64QAM	1	12	21.46	21.43	21.46		
5	64QAM	1	24	21.86	21.91	21.90		
5	64QAM	12	0	20.39	20.39	20.43	22	2
5	64QAM	12	7	20.39	20.36	20.41		
5	64QAM	12	13	20.45	20.36	20.41		
5	64QAM	25	0	20.55	20.45	20.54		
5	256QAM	1	0	18.78	18.76	18.85	20	4
5	256QAM	1	12	18.87	18.84	18.88		
5	256QAM	1	24	18.69	18.66	18.69		
5	256QAM	12	0	18.70	18.67	18.67	20	4
5	256QAM	12	7	18.57	18.52	18.62		
5	256QAM	12	13	18.52	18.55	18.57		
5	256QAM	25	0	18.74	18.73	18.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.94	22.89	22.93	24	0
3	QPSK	1	8	22.85	22.75	22.71		
3	QPSK	1	14	22.82	22.83	22.87		
3	QPSK	8	0	22.79	22.79	22.78	24	0
3	QPSK	8	4	22.79	22.85	22.74		
3	QPSK	8	7	22.81	22.77	22.81		
3	QPSK	15	0	22.82	22.88	22.87		
3	16QAM	1	0	22.73	22.70	22.78	24	0
3	16QAM	1	8	22.89	22.75	22.77		
3	16QAM	1	14	22.84	22.74	22.77		
3	16QAM	8	0	21.47	21.49	21.42	23	1
3	16QAM	8	4	21.45	21.35	21.37		
3	16QAM	8	7	21.39	21.39	21.42		
3	16QAM	15	0	21.53	21.49	21.60		
3	64QAM	1	0	21.44	21.41	21.49	23	1
3	64QAM	1	8	21.37	21.45	21.50		
3	64QAM	1	14	21.82	21.86	21.88		
3	64QAM	8	0	20.40	20.50	20.45	22	2
3	64QAM	8	4	20.45	20.45	20.46		
3	64QAM	8	7	20.48	20.50	20.46		
3	64QAM	15	0	20.55	20.53	20.48		
3	256QAM	1	0	18.72	18.81	18.75	20	4
3	256QAM	1	8	18.78	18.83	18.76		
3	256QAM	1	14	18.72	18.76	18.77		
3	256QAM	8	0	18.78	18.71	18.71	20	4
3	256QAM	8	4	18.62	18.60	18.54		
3	256QAM	8	7	18.62	18.52	18.57		
3	256QAM	15	0	18.70	18.72	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.91	22.95	22.81	24	0
1.4	QPSK	1	3	22.75	22.76	22.77		
1.4	QPSK	1	5	22.92	22.85	22.91		
1.4	QPSK	3	0	22.91	22.83	22.83		
1.4	QPSK	3	1	22.81	22.77	22.83		
1.4	QPSK	3	3	22.83	22.76	22.72		
1.4	QPSK	6	0	22.78	22.77	22.81	24	0
1.4	16QAM	1	0	22.76	22.79	22.74	24	0
1.4	16QAM	1	3	22.77	22.88	22.83		
1.4	16QAM	1	5	22.87	22.83	22.83		
1.4	16QAM	3	0	22.41	22.41	22.33		
1.4	16QAM	3	1	22.27	22.33	22.28		
1.4	16QAM	3	3	22.30	22.37	22.30		
1.4	16QAM	6	0	21.51	21.50	21.60	23	1
1.4	64QAM	1	0	21.38	21.36	21.37	23	1
1.4	64QAM	1	3	21.47	21.38	21.46		
1.4	64QAM	1	5	21.88	21.95	21.88		
1.4	64QAM	3	0	21.39	21.37	21.42		
1.4	64QAM	3	1	21.26	21.36	21.31		
1.4	64QAM	3	3	21.31	21.40	21.30		
1.4	64QAM	6	0	20.49	20.53	20.55	22	2
1.4	256QAM	1	0	18.81	18.79	18.73	20	4
1.4	256QAM	1	3	18.79	18.74	18.87		
1.4	256QAM	1	5	18.87	18.70	18.70		
1.4	256QAM	3	0	18.69	18.73	18.76		
1.4	256QAM	3	1	18.57	18.53	18.53		
1.4	256QAM	3	3	18.57	18.60	18.50		
1.4	256QAM	6	0	18.67	18.66	18.66	20	4

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.12		24	0
10	QPSK	1	25		23.10			
10	QPSK	1	49		23.07			
10	QPSK	25	0		23.06		24	0
10	QPSK	25	12		23.05			
10	QPSK	25	25		23.05			
10	QPSK	50	0		22.96			
10	16QAM	1	0		23.05		24	0
10	16QAM	1	25		23.00			
10	16QAM	1	49		23.03			
10	16QAM	25	0		21.62		23	1
10	16QAM	25	12		21.92			
10	16QAM	25	25		21.88			
10	16QAM	50	0		21.78			
10	64QAM	1	0		21.94		23	1
10	64QAM	1	25		21.58			
10	64QAM	1	49		22.17			
10	64QAM	25	0		20.83		22	2
10	64QAM	25	12		20.80			
10	64QAM	25	25		20.86			
10	64QAM	50	0		20.73			
10	256QAM	1	0		18.82		20	4
10	256QAM	1	25		18.78			
10	256QAM	1	49		18.93			
10	256QAM	25	0		18.68		20	4
10	256QAM	25	12		18.75			
10	256QAM	25	25		18.70			
10	256QAM	50	0		18.71			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.08	23.11	23.01	24	0
5	QPSK	1	12	23.08	23.01	23.07		
5	QPSK	1	24	22.94	23.03	22.94		
5	QPSK	12	0	22.93	22.91	23.05	24	0
5	QPSK	12	7	22.95	23.04	22.92		
5	QPSK	12	13	22.97	23.04	22.98		
5	QPSK	25	0	22.84	22.91	22.91		
5	16QAM	1	0	22.98	23.03	23.00	24	0
5	16QAM	1	12	22.94	22.89	22.98		
5	16QAM	1	24	22.92	22.93	22.98		
5	16QAM	12	0	21.53	21.50	21.54	23	1
5	16QAM	12	7	21.82	21.91	21.88		
5	16QAM	12	13	21.86	21.79	21.82		
5	16QAM	25	0	21.70	21.77	21.72		
5	64QAM	1	0	21.85	21.82	21.91	23	1
5	64QAM	1	12	21.45	21.48	21.48		
5	64QAM	1	24	22.13	22.08	22.08		
5	64QAM	12	0	20.79	20.80	20.72	22	2
5	64QAM	12	7	20.69	20.76	20.76		
5	64QAM	12	13	20.73	20.73	20.82		
5	64QAM	25	0	20.64	20.60	20.70		
5	256QAM	1	0	18.80	18.77	18.72	20	4
5	256QAM	1	12	18.67	18.72	18.63		
5	256QAM	1	24	18.88	18.81	18.83		
5	256QAM	12	0	18.57	18.61	18.59	20	4
5	256QAM	12	7	18.66	18.71	18.69		
5	256QAM	12	13	18.61	18.60	18.59		
5	256QAM	25	0	18.66	18.56	18.57		

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.11		17	0
10	QPSK	1	25		16.10			
10	QPSK	1	49		16.05			
10	QPSK	25	0		16.08		17	0
10	QPSK	25	12		16.01			
10	QPSK	25	25		16.00			
10	QPSK	50	0		16.02			
10	16QAM	1	0		16.08		17	0
10	16QAM	1	25		16.07			
10	16QAM	1	49		16.02			
10	16QAM	25	0		16.00		17	0
10	16QAM	25	12		16.03			
10	16QAM	25	25		16.00			
10	16QAM	50	0		16.05			
10	64QAM	1	0		16.02		17	0
10	64QAM	1	25		16.00			
10	64QAM	1	49		16.05			
10	64QAM	25	0		16.00		17	0
10	64QAM	25	12		16.06			
10	64QAM	25	25		16.05			
10	64QAM	50	0		15.99			
10	256QAM	1	0		15.98		17	0
10	256QAM	1	25		16.06			
10	256QAM	1	49		16.07			
10	256QAM	25	0		16.00		17	0
10	256QAM	25	12		16.01			
10	256QAM	25	25		16.04			
10	256QAM	50	0		16.03			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	16.10	16.08	16.07	17	0
5	QPSK	1	12	16.03	15.95	15.97		
5	QPSK	1	24	15.93	16.01	15.91		
5	QPSK	12	0	15.96	16.00	15.96	17	0
5	QPSK	12	7	15.90	15.97	15.88		
5	QPSK	12	13	15.97	15.87	15.99		
5	QPSK	25	0	15.93	15.93	15.97		
5	16QAM	1	0	15.97	15.96	16.03	17	0
5	16QAM	1	12	15.99	15.99	15.93		
5	16QAM	1	24	15.99	15.93	15.92		
5	16QAM	12	0	15.98	15.92	15.94	17	0
5	16QAM	12	7	15.91	15.91	15.90		
5	16QAM	12	13	15.91	15.96	15.92		
5	16QAM	25	0	16.03	15.97	15.93		
5	64QAM	1	0	15.93	15.98	15.91	17	0
5	64QAM	1	12	15.89	15.85	15.93		
5	64QAM	1	24	16.03	16.04	15.93		
5	64QAM	12	0	15.92	15.95	15.99	17	0
5	64QAM	12	7	16.01	15.92	15.95		
5	64QAM	12	13	15.99	15.91	15.93		
5	64QAM	25	0	15.86	15.90	15.87		
5	256QAM	1	0	15.96	15.83	15.95	17	0
5	256QAM	1	12	15.96	16.05	16.04		
5	256QAM	1	24	15.99	15.97	15.94		
5	256QAM	12	0	15.90	15.90	15.98	17	0
5	256QAM	12	7	15.97	15.91	15.89		
5	256QAM	12	13	15.99	15.92	16.01		
5	256QAM	25	0	15.96	15.95	16.02		

22.82

Band 30_Ant 2(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.88		16	0
10	QPSK	1	25		14.83			
10	QPSK	1	49		14.80			
10	QPSK	25	0		14.80		16	0
10	QPSK	25	12		14.70			
10	QPSK	25	25		14.72			
10	QPSK	50	0		14.73			
10	16QAM	1	0		14.78		16	0
10	16QAM	1	25		14.79			
10	16QAM	1	49		14.76			
10	16QAM	25	0		14.76		16	0
10	16QAM	25	12		14.74			
10	16QAM	25	25		14.72			
10	16QAM	50	0		14.71			
10	64QAM	1	0		14.70		16	0
10	64QAM	1	25		14.74			
10	64QAM	1	49		14.75			
10	64QAM	25	0		14.74		16	0
10	64QAM	25	12		14.78			
10	64QAM	25	25		14.72			
10	64QAM	50	0		14.75			
10	256QAM	1	0		14.75		16	0
10	256QAM	1	25		14.73			
10	256QAM	1	49		14.77			
10	256QAM	25	0		14.78		16	0
10	256QAM	25	12		14.73			
10	256QAM	25	25		14.77			
10	256QAM	50	0		14.78			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.74	14.82	14.86	16	0
5	QPSK	1	12	14.78	14.72	14.77		
5	QPSK	1	24	14.69	14.65	14.71		
5	QPSK	12	0	14.73	14.68	14.77	16	0
5	QPSK	12	7	14.61	14.60	14.58		
5	QPSK	12	13	14.69	14.67	14.60		
5	QPSK	25	0	14.60	14.64	14.68		
5	16QAM	1	0	14.68	14.70	14.74	16	0
5	16QAM	1	12	14.69	14.69	14.68		
5	16QAM	1	24	14.74	14.75	14.63		
5	16QAM	12	0	14.61	14.62	14.66	16	0
5	16QAM	12	7	14.72	14.63	14.63		
5	16QAM	12	13	14.62	14.70	14.59		
5	16QAM	25	0	14.61	14.59	14.69		
5	64QAM	1	0	14.62	14.61	14.58	16	0
5	64QAM	1	12	14.70	14.59	14.62		
5	64QAM	1	24	14.60	14.66	14.67		
5	64QAM	12	0	14.71	14.60	14.62	16	0
5	64QAM	12	7	14.76	14.76	14.69		
5	64QAM	12	13	14.61	14.69	14.71		
5	64QAM	25	0	14.73	14.61	14.74		
5	256QAM	1	0	14.64	14.60	14.68	16	0
5	256QAM	1	12	14.72	14.70	14.59		
5	256QAM	1	24	14.70	14.67	14.71		
5	256QAM	12	0	14.67	14.73	14.66	16	0
5	256QAM	12	7	14.72	14.72	14.61		
5	256QAM	12	13	14.65	14.68	14.64		
5	256QAM	25	0	14.75	14.72	14.63		

Band 66_Ant 3

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	16.16	16.25	16.21	17.5	0
20	QPSK	1	49	16.09	16.18	16.16		
20	QPSK	1	99	16.07	16.15	16.15		
20	QPSK	50	0	16.07	16.17	16.15	17.5	0
20	QPSK	50	24	15.97	16.12	16.09		
20	QPSK	50	50	16.00	16.11	16.06		
20	QPSK	100	0	16.05	16.09	16.05		
20	16QAM	1	0	16.06	16.15	16.06	17.5	0
20	16QAM	1	49	16.04	16.10	16.12		
20	16QAM	1	99	16.06	16.12	16.13		
20	16QAM	50	0	16.05	16.15	16.10	17.5	0
20	16QAM	50	24	16.04	16.14	16.08		
20	16QAM	50	50	16.01	16.16	16.07		
20	16QAM	100	0	16.00	16.09	16.05		
20	64QAM	1	0	15.97	16.10	16.09	17.5	0
20	64QAM	1	49	16.00	16.13	16.09		
20	64QAM	1	99	16.00	16.14	16.07		
20	64QAM	50	0	15.97	16.15	16.07	17.5	0
20	64QAM	50	24	15.97	16.10	16.14		
20	64QAM	50	50	15.97	16.09	16.09		
20	64QAM	100	0	15.99	16.15	16.12		
20	256QAM	1	0	16.00	16.07	16.10	17.5	0
20	256QAM	1	49	16.02	16.12	16.12		
20	256QAM	1	99	16.00	16.10	16.12		
20	256QAM	50	0	15.98	16.12	16.10	17.5	0
20	256QAM	50	24	16.01	16.13	16.09		
20	256QAM	50	50	15.97	16.14	16.05		
20	256QAM	100	0	16.04	16.08	16.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.23	16.11	16.16	17.5	0
15	QPSK	1	37	16.10	16.04	16.04		
15	QPSK	1	74	16.05	16.02	16.13		
15	QPSK	36	0	16.06	16.09	16.16	17.5	0
15	QPSK	36	20	16.04	16.05	16.04		
15	QPSK	36	39	16.05	16.07	16.04		
15	QPSK	75	0	16.02	15.97	16.01		
15	16QAM	1	0	16.05	16.05	16.03	17.5	0
15	16QAM	1	37	16.02	15.99	15.98		
15	16QAM	1	74	16.02	16.03	16.07		
15	16QAM	36	0	16.04	16.06	16.11	17.5	0
15	16QAM	36	20	16.09	16.08	16.12		
15	16QAM	36	39	16.10	16.04	16.11		
15	16QAM	75	0	16.08	16.05	16.02		
15	64QAM	1	0	15.99	16.06	15.98	17.5	0
15	64QAM	1	37	16.02	16.01	16.00		
15	64QAM	1	74	16.06	16.02	16.04		
15	64QAM	36	0	16.03	16.00	16.08	17.5	0
15	64QAM	36	20	16.05	16.07	15.99		
15	64QAM	36	39	16.06	15.99	16.04		
15	64QAM	75	0	16.09	16.05	16.07		
15	256QAM	1	0	15.96	15.96	15.97	17.5	0
15	256QAM	1	37	16.08	16.03	16.10		
15	256QAM	1	74	16.00	16.02	16.04		
15	256QAM	36	0	16.11	16.09	16.02	17.5	0
15	256QAM	36	20	16.01	16.04	16.07		
15	256QAM	36	39	16.13	16.03	15.99		
15	256QAM	75	0	15.98	16.02	15.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.15	16.13	16.11	17.5	0
10	QPSK	1	25	16.18	16.06	16.09		
10	QPSK	1	49	16.07	16.07	16.06		
10	QPSK	25	0	16.03	16.04	16.08	17.5	0
10	QPSK	25	12	16.06	16.00	16.07		
10	QPSK	25	25	16.00	15.98	16.02		
10	QPSK	50	0	16.05	15.99	16.02		
10	16QAM	1	0	16.05	16.07	16.11	17.5	0
10	16QAM	1	25	16.04	16.05	16.05		
10	16QAM	1	49	16.10	16.06	16.05		
10	16QAM	25	0	16.00	16.03	16.02	17.5	0
10	16QAM	25	12	16.13	16.05	16.03		
10	16QAM	25	25	16.03	16.10	16.07		
10	16QAM	50	0	16.08	16.06	16.00		
10	64QAM	1	0	15.98	15.99	15.97	17.5	0
10	64QAM	1	25	16.07	16.06	15.98		
10	64QAM	1	49	15.99	16.05	16.07		
10	64QAM	25	0	16.07	16.00	16.00	17.5	0
10	64QAM	25	12	16.05	16.06	15.99		
10	64QAM	25	25	15.94	15.99	16.05		
10	64QAM	50	0	16.08	16.10	16.07		
10	256QAM	1	0	16.03	16.06	15.98	17.5	0
10	256QAM	1	25	16.03	16.05	16.05		
10	256QAM	1	49	16.08	15.98	16.01		
10	256QAM	25	0	16.02	16.01	16.05	17.5	0
10	256QAM	25	12	16.03	16.00	16.12		
10	256QAM	25	25	16.06	16.07	16.05		
10	256QAM	50	0	16.04	16.02	16.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.12	16.14	16.21	17.5	0
5	QPSK	1	12	16.08	16.16	16.05		
5	QPSK	1	24	16.09	16.00	16.10		
5	QPSK	12	0	16.12	16.08	16.05	17.5	0
5	QPSK	12	7	16.10	16.05	16.05		
5	QPSK	12	13	16.03	16.01	16.07		
5	QPSK	25	0	16.03	16.01	15.99		
5	16QAM	1	0	16.14	16.09	16.13	17.5	0
5	16QAM	1	12	16.05	16.02	16.02		
5	16QAM	1	24	16.11	16.03	16.01		
5	16QAM	12	0	16.03	16.09	16.00	17.5	0
5	16QAM	12	7	16.05	16.01	15.99		
5	16QAM	12	13	16.01	16.11	16.08		
5	16QAM	25	0	15.94	15.96	16.08		
5	64QAM	1	0	15.97	16.03	16.04	17.5	0
5	64QAM	1	12	16.04	16.04	16.03		
5	64QAM	1	24	16.00	16.03	16.08		
5	64QAM	12	0	16.11	16.12	16.04	17.5	0
5	64QAM	12	7	15.98	16.03	16.04		
5	64QAM	12	13	16.05	16.02	15.95		
5	64QAM	25	0	16.01	16.05	16.10		
5	256QAM	1	0	15.94	16.06	15.96	17.5	0
5	256QAM	1	12	16.08	16.06	16.02		
5	256QAM	1	24	16.08	16.08	15.97		
5	256QAM	12	0	16.03	16.09	16.01	17.5	0
5	256QAM	12	7	15.98	16.09	16.07		
5	256QAM	12	13	16.09	16.04	16.12		
5	256QAM	25	0	15.95	16.01	15.97		
Channel				131867	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.20	16.13	16.24	17.5	0
3	QPSK	1	8	16.13	16.12	16.08		
3	QPSK	1	14	16.09	16.09	16.05		
3	QPSK	8	0	16.07	16.13	16.11	17.5	0
3	QPSK	8	4	16.04	16.04	16.09		
3	QPSK	8	7	16.02	16.08	16.08		
3	QPSK	15	0	16.04	16.00	16.06		
3	16QAM	1	0	16.10	16.14	16.02	17.5	0
3	16QAM	1	8	15.98	16.05	15.95		
3	16QAM	1	14	16.04	16.02	16.11		
3	16QAM	8	0	16.11	16.11	16.08	17.5	0
3	16QAM	8	4	16.03	16.06	16.07		
3	16QAM	8	7	16.06	16.13	16.08		
3	16QAM	15	0	15.99	15.99	15.96		
3	64QAM	1	0	16.04	16.01	16.01	17.5	0
3	64QAM	1	8	16.00	16.00	16.05		
3	64QAM	1	14	16.11	16.10	15.99		
3	64QAM	8	0	16.12	16.00	16.14	17.5	0
3	64QAM	8	4	16.00	16.08	15.98		
3	64QAM	8	7	16.07	16.00	16.06		
3	64QAM	15	0	16.13	16.07	16.14		
3	256QAM	1	0	15.96	16.02	16.06	17.5	0
3	256QAM	1	8	16.05	16.03	16.08		
3	256QAM	1	14	16.02	15.96	16.03		
3	256QAM	8	0	16.11	15.99	15.98	17.5	0
3	256QAM	8	4	16.02	16.02	16.10		
3	256QAM	8	7	16.05	16.02	16.11		
3	256QAM	15	0	16.02	15.96	15.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.16	16.11	16.15	17.5	0
1.4	QPSK	1	3	16.10	16.12	16.17		
1.4	QPSK	1	5	16.09	16.06	16.13		
1.4	QPSK	3	0	16.06	16.15	16.12		
1.4	QPSK	3	1	16.04	16.03	16.09		
1.4	QPSK	3	3	16.07	16.01	15.97		
1.4	QPSK	6	0	15.95	15.96	16.04	17.5	0
1.4	16QAM	1	0	16.01	16.05	16.13	17.5	0
1.4	16QAM	1	3	16.05	16.06	16.06		
1.4	16QAM	1	5	16.10	16.00	15.98		
1.4	16QAM	3	0	16.12	16.06	16.03		
1.4	16QAM	3	1	16.08	16.01	16.03		
1.4	16QAM	3	3	16.03	16.02	16.14		
1.4	16QAM	6	0	15.95	16.04	16.08	17.5	0
1.4	64QAM	1	0	16.08	15.98	15.97	17.5	0
1.4	64QAM	1	3	16.04	16.03	15.98		
1.4	64QAM	1	5	15.99	16.05	16.08		
1.4	64QAM	3	0	16.14	16.06	16.06		
1.4	64QAM	3	1	15.97	15.98	16.00		
1.4	64QAM	3	3	15.94	16.05	16.01		
1.4	64QAM	6	0	16.02	16.00	16.06	17.5	0
1.4	256QAM	1	0	16.06	16.04	16.05	17.5	0
1.4	256QAM	1	3	16.00	16.11	16.09		
1.4	256QAM	1	5	16.06	16.09	15.96		
1.4	256QAM	3	0	16.02	16.09	16.03		
1.4	256QAM	3	1	15.99	16.04	15.99		
1.4	256QAM	3	3	16.11	16.11	16.00		
1.4	256QAM	6	0	16.07	16.01	15.94	17.5	0

Band 66_Ant 2(ENDC)

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	22.69	22.71	22.67	24	0
20	QPSK	1	49	22.57	22.60	22.57		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	21.52	21.66	21.60	23	1
20	QPSK	50	24	21.51	21.54	21.56		
20	QPSK	50	50	21.49	21.57	21.59		
20	QPSK	100	0	21.45	21.58	21.57		
20	16QAM	1	0	21.71	21.78	21.63	23	1
20	16QAM	1	49	21.72	21.69	21.76		
20	16QAM	1	99	21.76	21.75	21.73		
20	16QAM	50	0	20.54	20.63	20.59	22	2
20	16QAM	50	24	20.42	20.60	20.46		
20	16QAM	50	50	20.40	20.58	20.56		
20	16QAM	100	0	20.44	20.57	20.44		
20	64QAM	1	0	20.77	20.78	20.71	22	2
20	64QAM	1	49	20.63	20.73	20.62		
20	64QAM	1	99	20.73	20.77	20.57		
20	64QAM	50	0	19.60	19.67	19.61	21	3
20	64QAM	50	24	19.57	19.57	19.48		
20	64QAM	50	50	19.49	19.58	19.51		
20	64QAM	100	0	19.53	19.54	19.50		
20	256QAM	1	0	17.50	17.63	17.63	19	5
20	256QAM	1	49	17.73	17.66	17.73		
20	256QAM	1	99	17.73	17.65	17.75		
20	256QAM	50	0	17.57	17.61	17.66	19	5
20	256QAM	50	24	17.71	17.66	17.70		
20	256QAM	50	50	17.51	17.63	17.56		
20	256QAM	100	0	17.68	17.64	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.62	22.69	24	0
15	QPSK	1	37	22.57	22.45	22.47		
15	QPSK	1	74	22.59	22.54	22.52		
15	QPSK	36	0	21.54	21.58	21.63	23	1
15	QPSK	36	20	21.52	21.40	21.43		
15	QPSK	36	39	21.42	21.53	21.53		
15	QPSK	75	0	21.44	21.46	21.43		
15	16QAM	1	0	21.74	21.71	21.63	23	1
15	16QAM	1	37	21.57	21.57	21.58		
15	16QAM	1	74	21.68	21.67	21.60		
15	16QAM	36	0	20.57	20.58	20.58	22	2
15	16QAM	36	20	20.58	20.52	20.50		
15	16QAM	36	39	20.57	20.53	20.49		
15	16QAM	75	0	20.42	20.43	20.47		
15	64QAM	1	0	20.63	20.75	20.76	22	2
15	64QAM	1	37	20.67	20.62	20.60		
15	64QAM	1	74	20.64	20.67	20.62		
15	64QAM	36	0	19.57	19.52	19.54	21	3
15	64QAM	36	20	19.50	19.55	19.49		
15	64QAM	36	39	19.54	19.51	19.45		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.57	17.71	17.53	19	5
15	256QAM	1	37	17.72	17.61	17.77		
15	256QAM	1	74	17.71	17.67	17.85		
15	256QAM	36	0	17.62	17.64	17.69	19	5
15	256QAM	36	20	17.57	17.71	17.78		
15	256QAM	36	39	17.55	17.61	17.58		
15	256QAM	75	0	17.73	17.63	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.58	22.64	22.69	24	0
10	QPSK	1	25	22.51	22.48	22.53		
10	QPSK	1	49	22.49	22.59	22.48		
10	QPSK	25	0	21.58	21.54	21.60	23	1
10	QPSK	25	12	21.47	21.51	21.44		
10	QPSK	25	25	21.55	21.49	21.50		
10	QPSK	50	0	21.56	21.50	21.47		
10	16QAM	1	0	21.69	21.63	21.63	23	1
10	16QAM	1	25	21.57	21.66	21.64		
10	16QAM	1	49	21.72	21.64	21.69		
10	16QAM	25	0	20.55	20.59	20.59	22	2
10	16QAM	25	12	20.57	20.45	20.55		
10	16QAM	25	25	20.49	20.56	20.55		
10	16QAM	50	0	20.45	20.54	20.49		
10	64QAM	1	0	20.73	20.70	20.75	22	2
10	64QAM	1	25	20.67	20.72	20.69		
10	64QAM	1	49	20.70	20.68	20.67		
10	64QAM	25	0	19.52	19.59	19.61	21	3
10	64QAM	25	12	19.53	19.47	19.53		
10	64QAM	25	25	19.49	19.44	19.52		
10	64QAM	50	0	19.48	19.49	19.41		
10	256QAM	1	0	17.58	17.56	17.70	19	5
10	256QAM	1	25	17.83	17.62	17.71		
10	256QAM	1	49	17.67	17.67	17.75		
10	256QAM	25	0	17.60	17.49	17.54	19	5
10	256QAM	25	12	17.60	17.61	17.73		
10	256QAM	25	25	17.53	17.54	17.63		
10	256QAM	50	0	17.53	17.53	17.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.66	22.67	24	0
5	QPSK	1	12	22.53	22.48	22.51		
5	QPSK	1	24	22.60	22.48	22.60		
5	QPSK	12	0	21.65	21.58	21.54	23	1
5	QPSK	12	7	21.53	21.51	21.44		
5	QPSK	12	13	21.52	21.44	21.46		
5	QPSK	25	0	21.57	21.45	21.56		
5	16QAM	1	0	21.66	21.65	21.67	23	1
5	16QAM	1	12	21.65	21.67	21.59		
5	16QAM	1	24	21.64	21.72	21.62		
5	16QAM	12	0	20.61	20.62	20.54	22	2
5	16QAM	12	7	20.51	20.54	20.53		
5	16QAM	12	13	20.50	20.53	20.45		
5	16QAM	25	0	20.55	20.49	20.52		
5	64QAM	1	0	20.66	20.71	20.73	22	2
5	64QAM	1	12	20.71	20.60	20.60		
5	64QAM	1	24	20.70	20.67	20.65		
5	64QAM	12	0	19.58	19.65	19.59	21	3
5	64QAM	12	7	19.55	19.44	19.44		
5	64QAM	12	13	19.45	19.54	19.56		
5	64QAM	25	0	19.47	19.52	19.51		
5	256QAM	1	0	17.54	17.56	17.53	19	5
5	256QAM	1	12	17.72	17.72	17.74		
5	256QAM	1	24	17.59	17.52	17.75		
5	256QAM	12	0	17.47	17.62	17.58	19	5
5	256QAM	12	7	17.65	17.61	17.59		
5	256QAM	12	13	17.58	17.51	17.49		
5	256QAM	25	0	17.75	17.74	17.81		
Channel				131867	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.63	22.70	22.58	24	0
3	QPSK	1	8	22.47	22.55	22.51		
3	QPSK	1	14	22.59	22.53	22.60		
3	QPSK	8	0	21.60	21.55	21.59	23	1
3	QPSK	8	4	21.41	21.52	21.52		
3	QPSK	8	7	21.44	21.53	21.54		
3	QPSK	15	0	21.49	21.56	21.54		
3	16QAM	1	0	21.66	21.75	21.73	23	1
3	16QAM	1	8	21.54	21.54	21.68		
3	16QAM	1	14	21.69	21.74	21.60		
3	16QAM	8	0	20.53	20.56	20.53	22	2
3	16QAM	8	4	20.45	20.48	20.55		
3	16QAM	8	7	20.43	20.53	20.46		
3	16QAM	15	0	20.47	20.48	20.51		
3	64QAM	1	0	20.64	20.76	20.77	22	2
3	64QAM	1	8	20.67	20.66	20.68		
3	64QAM	1	14	20.67	20.62	20.71		
3	64QAM	8	0	19.64	19.60	19.54	21	3
3	64QAM	8	4	19.46	19.54	19.54		
3	64QAM	8	7	19.47	19.44	19.52		
3	64QAM	15	0	19.42	19.52	19.47		
3	256QAM	1	0	17.39	17.49	17.73	19	5
3	256QAM	1	8	17.74	17.76	17.58		
3	256QAM	1	14	17.83	17.50	17.83		
3	256QAM	8	0	17.54	17.55	17.59	19	5
3	256QAM	8	4	17.73	17.66	17.74		
3	256QAM	8	7	17.45	17.66	17.52		
3	256QAM	15	0	17.66	17.72	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.59	22.55	24	0
1.4	QPSK	1	3	22.55	22.58	22.46		
1.4	QPSK	1	5	22.58	22.61	22.57		
1.4	QPSK	3	0	22.58	22.57	22.53		
1.4	QPSK	3	1	22.62	22.66	22.53		
1.4	QPSK	3	3	22.54	22.60	22.57		
1.4	QPSK	6	0	21.57	21.63	21.52	23	1
1.4	16QAM	1	0	21.60	21.69	21.52	23	1
1.4	16QAM	1	3	21.61	21.60	21.53		
1.4	16QAM	1	5	21.50	21.57	21.53		
1.4	16QAM	3	0	21.59	21.57	21.57		
1.4	16QAM	3	1	21.49	21.64	21.54		
1.4	16QAM	3	3	21.56	21.58	21.56		
1.4	16QAM	6	0	20.56	20.68	20.55	22	2
1.4	64QAM	1	0	20.53	20.63	20.55	22	2
1.4	64QAM	1	3	20.61	20.63	20.46		
1.4	64QAM	1	5	20.58	20.59	20.43		
1.4	64QAM	3	0	20.54	20.69	20.57		
1.4	64QAM	3	1	20.49	20.66	20.45		
1.4	64QAM	3	3	20.53	20.62	20.43		
1.4	64QAM	6	0	19.57	19.59	19.54	21	3
1.4	256QAM	1	0	17.46	17.72	17.52	19	5
1.4	256QAM	1	3	17.76	17.70	17.86		
1.4	256QAM	1	5	17.59	17.59	17.81		
1.4	256QAM	3	0	17.55	17.71	17.52		
1.4	256QAM	3	1	17.65	17.54	17.79		
1.4	256QAM	3	3	17.54	17.66	17.60		
1.4	256QAM	6	0	17.64	17.54	17.56	19	5

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.50	16.64	16.56	18.0	0.0
40	PI/2 BPSK	1	108	16.58	16.64	16.52		
40	PI/2 BPSK	1	214	16.54	16.64	16.63		
40	PI/2 BPSK	108	0	16.53	16.65	16.54	18.0	0.0
40	PI/2 BPSK	108	54	16.56	16.57	16.60	18.0	0.0
40	PI/2 BPSK	108	108	16.46	16.64	16.58	18.0	0.0
40	PI/2 BPSK	216	0	16.48	16.60	16.62		
40	QPSK	1	1	16.64	16.72	16.69	18.0	0.0
40	QPSK	1	108	16.60	16.67	16.54		
40	QPSK	1	214	16.60	16.70	16.58		
40	QPSK	108	0	16.55	16.58	16.54	18.0	0.0
40	QPSK	108	54	16.60	16.69	16.67	18.0	0.0
40	QPSK	108	108	16.55	16.59	16.59	18.0	0.0
40	QPSK	216	0	16.50	16.56	16.52		
40	16QAM	1	1	16.59	16.56	16.57	18.0	0.0
40	64QAM	1	1	16.55	16.57	16.64	18.0	0.0
40	256QAM	1	1	16.59	16.57	16.64	18.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.51	16.66	16.63	18.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.58	16.67	16.61	18.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.47	16.59	16.61	18.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.59	16.68	16.65	18.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.45	16.64	16.60	18.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.52	16.64	16.54	18.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.45	16.61	16.62	18.0	0.0

n2_Ant 2(ENDC)

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	14.77	14.81	14.74	16.5	0.0
40	PI/2 BPSK	1	108	14.75	14.79	14.80		
40	PI/2 BPSK	1	214	14.78	14.80	14.78		
40	PI/2 BPSK	108	0	14.80	14.79	14.76	16.5	0.0
40	PI/2 BPSK	108	54	14.79	14.82	14.81	16.5	0.0
40	PI/2 BPSK	108	108	14.77	14.82	14.74	16.5	0.0
40	PI/2 BPSK	216	0	14.73	14.82	14.73		
40	QPSK	1	1	14.88	14.91	14.84	16.5	0.0
40	QPSK	1	108	14.78	14.90	14.79		
40	QPSK	1	214	14.83	14.83	14.82		
40	QPSK	108	0	14.82	14.87	14.83	16.5	0.0
40	QPSK	108	54	14.83	14.88	14.84	16.5	0.0
40	QPSK	108	108	14.80	14.86	14.80	16.5	0.0
40	QPSK	216	0	14.74	14.84	14.82		
40	16QAM	1	1	14.77	14.85	14.77	16.5	0.0
40	64QAM	1	1	14.80	14.77	14.79	16.5	0.0
40	256QAM	1	1	14.80	14.82	14.82	16.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	14.72	14.81	14.77	16.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	14.78	14.85	14.77	16.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	14.76	14.84	14.81	16.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	14.74	14.83	14.79	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.79	14.85	14.74	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.77	14.86	14.79	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.76	14.85	14.82	16.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.50	16.62	16.65	18.0	0.0
40	PI/2 BPSK	1	108	16.53	16.68	16.62		
40	PI/2 BPSK	1	214	16.53	16.66	16.65		
40	PI/2 BPSK	108	0	16.52	16.70	16.56	18.0	0.0
40	PI/2 BPSK	108	54	16.51	16.61	16.62	18.0	0.0
40	PI/2 BPSK	108	108	16.47	16.68	16.65	18.0	0.0
40	PI/2 BPSK	216	0	16.50	16.62	16.64		
40	QPSK	1	1	16.67	16.77	16.74	18.0	0.0
40	QPSK	1	108	16.57	16.72	16.66		
40	QPSK	1	214	16.57	16.73	16.66		
40	QPSK	108	0	16.51	16.67	16.60	18.0	0.0
40	QPSK	108	54	16.57	16.71	16.66	18.0	0.0
40	QPSK	108	108	16.48	16.69	16.65	18.0	0.0
40	QPSK	216	0	16.51	16.65	16.57		
40	16QAM	1	1	16.50	16.62	16.62	18.0	0.0
40	64QAM	1	1	16.50	16.61	16.57	18.0	0.0
40	256QAM	1	1	16.52	16.64	16.63	18.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	16.48	16.69	16.61	18.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.52	16.64	16.56	18.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.51	16.62	16.62	18.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.49	16.69	16.61	18.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.49	16.63	16.56	18.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.49	16.62	16.62	18.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.51	16.67	16.57	18.0	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.24	20.34	20.19	20.5	0.0
45	PI/2 BPSK	1	122	20.17	20.34	20.22		
45	PI/2 BPSK	1	243	20.22	20.30	20.24		
45	PI/2 BPSK	120	0	20.19	20.34	20.25	20.5	0.0
45	PI/2 BPSK	120	60	20.20	20.29	20.19	20.5	0.0
45	PI/2 BPSK	120	122	20.23	20.26	20.22	20.5	0.0
45	PI/2 BPSK	243	0	20.23	20.27	20.17		
45	QPSK	1	1	20.31	20.41	20.33	20.5	0.0
45	QPSK	1	122	20.29	20.38	20.31		
45	QPSK	1	243	20.23	20.38	20.29		
45	QPSK	120	0	20.18	20.26	20.20	20.5	0.0
45	QPSK	120	60	20.25	20.35	20.27	20.5	0.0
45	QPSK	120	122	20.18	20.34	20.24	20.5	0.0
45	QPSK	243	0	20.15	20.28	20.22		
45	16QAM	1	1	20.22	20.29	20.21	20.5	0.0
45	64QAM	1	1	20.15	20.26	20.21	20.5	0.0
45	256QAM	1	1	20.17	20.31	20.19	20.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.20	20.31	20.21	20.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.17	20.30	20.17	20.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.20	20.29	20.26	20.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.18	20.27	20.17	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.21	20.27	20.20	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.24	20.28	20.23	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.24	20.30	20.22	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.24	20.33	20.20	20.5	0.0

n66_Ant 2(ENDC)

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.33	22.45	22.38	24.0	0.0
45	PI/2 BPSK	1	122	22.25	22.39	22.38		
45	PI/2 BPSK	1	243	22.22	22.32	22.21		
45	PI/2 BPSK	120	0	21.92	22.00	21.99	23.5	0.5
45	PI/2 BPSK	120	60	22.22	22.37	22.37	24.0	0.0
45	PI/2 BPSK	120	122	21.79	21.92	21.82	23.5	0.5
45	PI/2 BPSK	243	0	21.81	21.96	21.83		
45	QPSK	1	1	22.46	22.49	22.37	24.0	0.0
45	QPSK	1	122	22.32	22.39	22.31		
45	QPSK	1	243	22.29	22.34	22.21		
45	QPSK	120	0	21.50	21.51	21.46	23.0	1.0
45	QPSK	120	60	22.44	22.48	22.36	24.0	0.0
45	QPSK	120	122	21.42	21.45	21.45	23.0	1.0
45	QPSK	243	0	21.42	21.46	21.40		
45	16QAM	1	1	21.09	21.16	21.12	23.0	1.0
45	64QAM	1	1	19.67	19.75	19.73	21.5	2.5
45	256QAM	1	1	18.32	18.38	18.34	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.38	22.41	22.33	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.35	22.37	22.25	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.31	22.34	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.39	22.30	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.36	22.37	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.40	22.27	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.46	22.33	22.35	24.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.57	18.84	18.70	20.0	0.0
100	PI/2 BPSK	1	137	18.63	18.71	18.73		
100	PI/2 BPSK	1	271	18.60	18.75	18.74		
100	PI/2 BPSK	135	0	18.63	18.82	18.67	20.0	0.0
100	PI/2 BPSK	135	69	18.53	18.72	18.71	20.0	0.0
100	PI/2 BPSK	135	138	18.60	18.83	18.78	20.0	0.0
100	PI/2 BPSK	270	0	18.56	18.72	18.70		
100	QPSK	1	1	18.76	18.89	18.88	20.0	0.0
100	QPSK	1	137	18.66	18.78	18.80		
100	QPSK	1	271	18.74	18.76	18.76		
100	QPSK	135	0	18.53	18.83	18.73	20.0	0.0
100	QPSK	135	69	18.68	18.86	18.80		
100	QPSK	135	138	18.55	18.71	18.68		
100	QPSK	270	0	18.53	18.77	18.74	20.0	0.0
100	16QAM	1	1	18.62	18.72	18.79	20.0	0.0
100	64QAM	1	1	18.59	18.83	18.79	20.0	0.0
100	256QAM	1	1	18.60	18.85	18.72	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.54	18.73	18.79	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.59	18.82	18.76	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.62	18.73	18.75	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.67	18.81	18.77	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.60	18.81	18.70	20.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.67	18.82	18.76	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.66	18.75	18.79	20.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.57	18.83	18.75	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.54	18.72	18.70	20.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.66	18.83	18.65	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.57	18.73	18.74	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.58	18.74	18.75	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.61	18.83	18.70	20.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	16.06	16.23	16.11	17.5	0.0
100	PI/2 BPSK	1	137	16.13	16.24	16.11		
100	PI/2 BPSK	1	271	16.09	16.12	15.99		
100	PI/2 BPSK	135	0	16.12	16.13	16.02	17.5	0.0
100	PI/2 BPSK	135	69	16.09	16.23	16.12	17.5	0.0
100	PI/2 BPSK	135	138	16.20	16.16	16.05	17.5	0.0
100	PI/2 BPSK	270	0	16.10	16.18	16.11		
100	QPSK	1	1	16.29	16.36	16.25	17.5	0.0
100	QPSK	1	137	16.18	16.35	16.19		
100	QPSK	1	271	16.25	16.34	16.16		
100	QPSK	135	0	16.18	16.24	16.04	17.5	0.0
100	QPSK	135	69	16.21	16.27	16.13		
100	QPSK	135	138	16.10	16.19	16.10		
100	QPSK	270	0	16.07	16.25	16.12	17.5	0.0
100	16QAM	1	1	16.11	16.14	16.01	17.5	0.0
100	64QAM	1	1	16.19	16.12	16.02	17.5	0.0
100	256QAM	1	1	16.06	16.18	16.00	17.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	16.17	16.13	16.01	17.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	16.08	16.16	16.10	17.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	25.58	25.15	25.39	17.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	16.17	16.23	16.10	17.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	16.14	16.25	16.10	17.5	0.0
Channel				638168	641666	645166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3572.52	3624.99	3677.49		
45	QPSK	1	1	16.17	16.24	16.09	17.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	16.10	16.23	16.09	17.5	0.0
Channel				637834	641666	645500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3567.51	3624.99	3682.5		
35	QPSK	1	1	16.16	16.23	16.02	17.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.07	16.19	16.06	17.5	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	16.15	16.15	16.00	17.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.17	16.19	16.05	17.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.13	16.12	15.99	17.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.10	16.23	16.10	17.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.36		17.5	0.0
100	PI/2 BPSK	1	137		16.36			
100	PI/2 BPSK	1	271		16.33			
100	PI/2 BPSK	135	0		16.32		17.5	0.0
100	PI/2 BPSK	135	69		16.39		17.5	0.0
100	PI/2 BPSK	135	138		16.32		17.5	0.0
100	PI/2 BPSK	270	0		16.32			
100	QPSK	1	1		16.45		17.5	0.0
100	QPSK	1	137		16.43			
100	QPSK	1	271		16.35			
100	QPSK	135	0		16.25		17.5	0.0
100	QPSK	135	69		16.40			
100	QPSK	135	138		16.35			
100	QPSK	270	0		16.28		17.5	0.0
100	16QAM	1	1		16.36		17.5	0.0
100	64QAM	1	1		16.36		17.5	0.0
100	256QAM	1	1		16.30		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.26	16.28	16.18	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.30	16.25	16.19	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.25	16.26	16.20	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.33	16.26	16.24	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.26	16.26	16.17	17.5	0.0
Channel				631500	633332	635166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3472.5	3499.98	3527.49		
45	QPSK	1	1	16.25	16.21	16.21	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.31	16.21	16.20	17.5	0.0
Channel				631168	633332	635500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.52	3499.98	3532.5		
35	QPSK	1	1	16.27	16.24	16.19	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.37	16.18	16.26	17.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.37	16.23	16.14	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.31	16.30	16.21	17.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.29	16.23	16.24	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.25	16.25	16.14	17.5	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.22	16.37	16.25	17.5	0.0
100	PI/2 BPSK	1	137	16.31	16.31	16.32		
100	PI/2 BPSK	1	271	16.35	16.37	16.29		
100	PI/2 BPSK	135	0	16.24	16.24	16.33	17.5	0.0
100	PI/2 BPSK	135	69	16.34	16.30	16.36	17.5	0.0
100	PI/2 BPSK	135	138	16.32	16.34	16.23	17.5	0.0
100	PI/2 BPSK	270	0	16.27	16.24	16.33		
100	QPSK	1	1	16.41	16.49	16.46	17.5	0.0
100	QPSK	1	137	16.39	16.37	16.31		
100	QPSK	1	271	16.34	16.45	16.39		
100	QPSK	135	0	16.25	16.32	16.35	17.5	0.0
100	QPSK	135	69	16.36	16.38	16.37		
100	QPSK	135	138	16.26	16.27	16.29		
100	QPSK	270	0	16.30	16.35	16.32	17.5	0.0
100	16QAM	1	1	16.22	16.37	16.24	17.5	0.0
100	64QAM	1	1	16.31	16.36	16.23	17.5	0.0
100	256QAM	1	1	16.30	16.24	16.30	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.33	16.30	16.36	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.33	16.25	16.24	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.33	16.31	16.26	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.23	16.30	16.28	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.27	16.36	16.23	17.5	0.0
Channel				648168	656000	663832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.52	3840	3957.48		
45	QPSK	1	1	16.34	16.26	16.23	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.29	16.25	16.32	17.5	0.0
Channel				647834	656000	664166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3717.51	3840	3962.49		
35	QPSK	1	1	16.30	16.25	16.26	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.34	16.35	16.24	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.31	16.27	16.27	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.32	16.27	16.33	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.31	16.23	16.28	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.31	16.30	16.31	17.5	0.0

Reduced Power Mode for Sensor On

Band 2_Ant 3

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	13.64	13.72	13.71	14.5	0
20	QPSK	1	49	13.63	13.69	13.67		
20	QPSK	1	99	13.56	13.63	13.70		
20	QPSK	50	0	13.62	13.66	13.63	14.5	0
20	QPSK	50	24	13.55	13.61	13.62		
20	QPSK	50	50	13.57	13.61	13.60		
20	QPSK	100	0	13.52	13.62	13.59		
20	16QAM	1	0	13.53	13.58	13.53	14.5	0
20	16QAM	1	49	13.52	13.60	13.55		
20	16QAM	1	99	13.54	13.64	13.55		
20	16QAM	50	0	13.61	13.58	13.56	14.5	0
20	16QAM	50	24	13.58	13.64	13.55		
20	16QAM	50	50	13.53	13.59	13.62		
20	16QAM	100	0	13.52	13.57	13.54		
20	64QAM	1	0	13.60	13.59	13.62	14.5	0
20	64QAM	1	49	13.61	13.62	13.54		
20	64QAM	1	99	13.52	13.65	13.59		
20	64QAM	50	0	13.58	13.63	13.55	14.5	0
20	64QAM	50	24	13.52	13.63	13.61		
20	64QAM	50	50	13.57	13.63	13.56		
20	64QAM	100	0	13.55	13.63	13.58		
20	256QAM	1	0	13.54	13.57	13.55	14.5	0
20	256QAM	1	49	13.56	13.62	13.59		
20	256QAM	1	99	13.53	13.58	13.60		
20	256QAM	50	0	13.61	13.57	13.59	14.5	0
20	256QAM	50	24	13.55	13.64	13.62		
20	256QAM	50	50	13.55	13.64	13.53		
20	256QAM	100	0	13.52	13.58	13.54		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.64	13.58	13.70	14.5	0
15	QPSK	1	37	13.63	13.64	13.55		
15	QPSK	1	74	13.52	13.56	13.55		
15	QPSK	36	0	13.61	13.58	13.58	14.5	0
15	QPSK	36	20	13.55	13.58	13.53		
15	QPSK	36	39	13.48	13.60	13.48		
15	QPSK	75	0	13.48	13.48	13.55		
15	16QAM	1	0	13.54	13.57	13.51	14.5	0
15	16QAM	1	37	13.53	13.57	13.58		
15	16QAM	1	74	13.58	13.51	13.49		
15	16QAM	36	0	13.47	13.49	13.46	14.5	0
15	16QAM	36	20	13.50	13.52	13.56		
15	16QAM	36	39	13.50	13.57	13.53		
15	16QAM	75	0	13.48	13.51	13.46		
15	64QAM	1	0	13.49	13.50	13.45	14.5	0
15	64QAM	1	37	13.57	13.58	13.47		
15	64QAM	1	74	13.50	13.61	13.52		
15	64QAM	36	0	13.56	13.60	13.48	14.5	0
15	64QAM	36	20	13.59	13.49	13.56		
15	64QAM	36	39	13.57	13.51	13.50		
15	64QAM	75	0	13.53	13.57	13.54		
15	256QAM	1	0	13.54	13.45	13.42	14.5	0
15	256QAM	1	37	13.52	13.61	13.59		
15	256QAM	1	74	13.48	13.56	13.47		
15	256QAM	36	0	13.51	13.49	13.45	14.5	0
15	256QAM	36	20	13.62	13.55	13.54		
15	256QAM	36	39	13.49	13.50	13.60		
15	256QAM	75	0	13.51	13.56	13.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.63	13.57	13.62	14.5	0
10	QPSK	1	25	13.57	13.61	13.62		
10	QPSK	1	49	13.52	13.61	13.56		
10	QPSK	25	0	13.55	13.58	13.64	14.5	0
10	QPSK	25	12	13.48	13.48	13.60		
10	QPSK	25	25	13.59	13.53	13.46		
10	QPSK	50	0	13.50	13.54	13.55		
10	16QAM	1	0	13.51	13.46	13.56	14.5	0
10	16QAM	1	25	13.59	13.49	13.57		
10	16QAM	1	49	13.57	13.63	13.51		
10	16QAM	25	0	13.46	13.48	13.45	14.5	0
10	16QAM	25	12	13.50	13.53	13.51		
10	16QAM	25	25	13.52	13.47	13.51		
10	16QAM	50	0	13.44	13.53	13.51		
10	64QAM	1	0	13.58	13.48	13.56	14.5	0
10	64QAM	1	25	13.53	13.61	13.54		
10	64QAM	1	49	13.50	13.59	13.64		
10	64QAM	25	0	13.50	13.60	13.61	14.5	0
10	64QAM	25	12	13.55	13.59	13.51		
10	64QAM	25	25	13.52	13.55	13.48		
10	64QAM	50	0	13.56	13.61	13.55		
10	256QAM	1	0	13.48	13.53	13.47	14.5	0
10	256QAM	1	25	13.48	13.57	13.50		
10	256QAM	1	49	13.57	13.47	13.48		
10	256QAM	25	0	13.46	13.50	13.55	14.5	0
10	256QAM	25	12	13.51	13.54	13.63		
10	256QAM	25	25	13.60	13.54	13.57		
10	256QAM	50	0	13.48	13.50	13.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.58	13.69	13.57	14.5	0
5	QPSK	1	12	13.59	13.61	13.64		
5	QPSK	1	24	13.61	13.54	13.48		
5	QPSK	12	0	13.57	13.63	13.61	14.5	0
5	QPSK	12	7	13.51	13.48	13.49		
5	QPSK	12	13	13.47	13.53	13.59		
5	QPSK	25	0	13.55	13.61	13.61		
5	16QAM	1	0	13.53	13.47	13.53	14.5	0
5	16QAM	1	12	13.56	13.47	13.52		
5	16QAM	1	24	13.61	13.60	13.58		
5	16QAM	12	0	13.52	13.54	13.45	14.5	0
5	16QAM	12	7	13.59	13.52	13.52		
5	16QAM	12	13	13.46	13.56	13.49		
5	16QAM	25	0	13.53	13.44	13.44		
5	64QAM	1	0	13.55	13.48	13.50	14.5	0
5	64QAM	1	12	13.55	13.60	13.59		
5	64QAM	1	24	13.54	13.52	13.56		
5	64QAM	12	0	13.48	13.50	13.48	14.5	0
5	64QAM	12	7	13.60	13.57	13.53		
5	64QAM	12	13	13.55	13.58	13.54		
5	64QAM	25	0	13.50	13.54	13.54		
5	256QAM	1	0	13.49	13.53	13.55	14.5	0
5	256QAM	1	12	13.48	13.53	13.47		
5	256QAM	1	24	13.52	13.46	13.50		
5	256QAM	12	0	13.43	13.50	13.56	14.5	0
5	256QAM	12	7	13.51	13.63	13.54		
5	256QAM	12	13	13.61	13.51	13.58		
5	256QAM	25	0	13.55	13.52	13.54		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.65	13.61	13.68	14.5	0
3	QPSK	1	8	13.56	13.58	13.63		
3	QPSK	1	14	13.57	13.58	13.54		
3	QPSK	8	0	13.56	13.65	13.54	14.5	0
3	QPSK	8	4	13.50	13.47	13.52		
3	QPSK	8	7	13.46	13.60	13.53		
3	QPSK	15	0	13.59	13.53	13.59		
3	16QAM	1	0	13.46	13.43	13.53	14.5	0
3	16QAM	1	8	13.59	13.52	13.53		
3	16QAM	1	14	13.51	13.62	13.52		
3	16QAM	8	0	13.56	13.54	13.55	14.5	0
3	16QAM	8	4	13.59	13.61	13.56		
3	16QAM	8	7	13.46	13.57	13.55		
3	16QAM	15	0	13.52	13.56	13.56		
3	64QAM	1	0	13.55	13.55	13.53	14.5	0
3	64QAM	1	8	13.59	13.52	13.48		
3	64QAM	1	14	13.59	13.62	13.50		
3	64QAM	8	0	13.62	13.61	13.51	14.5	0
3	64QAM	8	4	13.50	13.56	13.62		
3	64QAM	8	7	13.51	13.59	13.53		
3	64QAM	15	0	13.54	13.48	13.48		
3	256QAM	1	0	13.52	13.46	13.50	14.5	0
3	256QAM	1	8	13.54	13.48	13.56		
3	256QAM	1	14	13.53	13.55	13.49		
3	256QAM	8	0	13.42	13.53	13.56	14.5	0
3	256QAM	8	4	13.55	13.55	13.56		
3	256QAM	8	7	13.56	13.50	13.59		
3	256QAM	15	0	13.52	13.56	13.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.68	13.67	13.61	14.5	0
1.4	QPSK	1	3	13.67	13.62	13.57		
1.4	QPSK	1	5	13.48	13.62	13.61		
1.4	QPSK	3	0	13.61	13.52	13.62		
1.4	QPSK	3	1	13.60	13.57	13.60		
1.4	QPSK	3	3	13.49	13.50	13.46		
1.4	QPSK	6	0	13.57	13.58	13.54	14.5	0
1.4	16QAM	1	0	13.55	13.56	13.52	14.5	0
1.4	16QAM	1	3	13.50	13.54	13.50		
1.4	16QAM	1	5	13.53	13.59	13.59		
1.4	16QAM	3	0	13.53	13.53	13.55		
1.4	16QAM	3	1	13.51	13.62	13.55		
1.4	16QAM	3	3	13.45	13.58	13.54		
1.4	16QAM	6	0	13.50	13.53	13.44	14.5	0
1.4	64QAM	1	0	13.58	13.45	13.51	14.5	0
1.4	64QAM	1	3	13.60	13.53	13.53		
1.4	64QAM	1	5	13.63	13.62	13.61		
1.4	64QAM	3	0	13.53	13.57	13.58		
1.4	64QAM	3	1	13.50	13.53	13.49		
1.4	64QAM	3	3	13.59	13.59	13.49		
1.4	64QAM	6	0	13.62	13.57	13.61	14.5	0
1.4	256QAM	1	0	13.51	13.54	13.42	14.5	0
1.4	256QAM	1	3	13.55	13.50	13.49		
1.4	256QAM	1	5	13.51	13.54	13.54		
1.4	256QAM	3	0	13.47	13.44	13.51		
1.4	256QAM	3	1	13.54	13.50	13.62		
1.4	256QAM	3	3	13.56	13.55	13.59		
1.4	256QAM	6	0	13.48	13.47	13.45	14.5	0

Band 2_Ant 2(ENDC)

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	14.78	14.79	14.76	16	0
20	QPSK	1	49	14.73	14.76	14.66		
20	QPSK	1	99	14.77	14.72	14.71		
20	QPSK	50	0	14.68	14.76	14.70	16	0
20	QPSK	50	24	14.67	14.72	14.64		
20	QPSK	50	50	14.65	14.75	14.64		
20	QPSK	100	0	14.59	14.74	14.63		
20	16QAM	1	0	14.59	14.66	14.67	16	0
20	16QAM	1	49	14.59	14.66	14.62		
20	16QAM	1	99	14.65	14.73	14.69		
20	16QAM	50	0	14.64	14.74	14.66	16	0
20	16QAM	50	24	14.58	14.69	14.64		
20	16QAM	50	50	14.67	14.71	14.64		
20	16QAM	100	0	14.58	14.70	14.63		
20	64QAM	1	0	14.61	14.69	14.68	16	0
20	64QAM	1	49	14.58	14.68	14.68		
20	64QAM	1	99	14.65	14.69	14.63		
20	64QAM	50	0	14.66	14.69	14.63	16	0
20	64QAM	50	24	14.66	14.70	14.63		
20	64QAM	50	50	14.58	14.75	14.60		
20	64QAM	100	0	14.67	14.68	14.63		
20	256QAM	1	0	14.66	14.73	14.67	16	0
20	256QAM	1	49	14.61	14.71	14.67		
20	256QAM	1	99	14.66	14.74	14.68		
20	256QAM	50	0	14.65	14.71	14.62	16	0
20	256QAM	50	24	14.60	14.69	14.64		
20	256QAM	50	50	14.60	14.73	14.61		
20	256QAM	100	0	14.67	14.66	14.62		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.64	14.74	14.67	16	0
15	QPSK	1	37	14.67	14.67	14.74		
15	QPSK	1	74	14.66	14.60	14.67		
15	QPSK	36	0	14.70	14.75	14.72	16	0
15	QPSK	36	20	14.68	14.66	14.63		
15	QPSK	36	39	14.65	14.65	14.64		
15	QPSK	75	0	14.71	14.69	14.72		
15	16QAM	1	0	14.61	14.60	14.59	16	0
15	16QAM	1	37	14.57	14.59	14.64		
15	16QAM	1	74	14.58	14.61	14.62		
15	16QAM	36	0	14.60	14.60	14.71	16	0
15	16QAM	36	20	14.64	14.63	14.54		
15	16QAM	36	39	14.65	14.67	14.56		
15	16QAM	75	0	14.59	14.67	14.64		
15	64QAM	1	0	14.57	14.54	14.68	16	0
15	64QAM	1	37	14.53	14.65	14.57		
15	64QAM	1	74	14.56	14.61	14.67		
15	64QAM	36	0	14.55	14.64	14.65	16	0
15	64QAM	36	20	14.58	14.68	14.63		
15	64QAM	36	39	14.69	14.60	14.61		
15	64QAM	75	0	14.65	14.67	14.56		
15	256QAM	1	0	14.62	14.60	14.58	16	0
15	256QAM	1	37	14.56	14.62	14.56		
15	256QAM	1	74	14.65	14.62	14.71		
15	256QAM	36	0	14.68	14.57	14.61	16	0
15	256QAM	36	20	14.56	14.66	14.68		
15	256QAM	36	39	14.63	14.58	14.72		
15	256QAM	75	0	14.65	14.56	14.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.69	14.76	14.70	16	0
10	QPSK	1	25	14.61	14.70	14.71		
10	QPSK	1	49	14.66	14.66	14.70		
10	QPSK	25	0	14.72	14.62	14.73	16	0
10	QPSK	25	12	14.70	14.66	14.66		
10	QPSK	25	25	14.67	14.60	14.62		
10	QPSK	50	0	14.67	14.63	14.60		
10	16QAM	1	0	14.51	14.53	14.61	16	0
10	16QAM	1	25	14.62	14.64	14.63		
10	16QAM	1	49	14.72	14.58	14.67		
10	16QAM	25	0	14.60	14.65	14.69	16	0
10	16QAM	25	12	14.54	14.66	14.59		
10	16QAM	25	25	14.64	14.68	14.62		
10	16QAM	50	0	14.56	14.65	14.56		
10	64QAM	1	0	14.66	14.55	14.66	16	0
10	64QAM	1	25	14.62	14.57	14.53		
10	64QAM	1	49	14.55	14.58	14.68		
10	64QAM	25	0	14.64	14.66	14.63	16	0
10	64QAM	25	12	14.64	14.55	14.66		
10	64QAM	25	25	14.74	14.74	14.70		
10	64QAM	50	0	14.57	14.59	14.67		
10	256QAM	1	0	14.61	14.71	14.65	16	0
10	256QAM	1	25	14.64	14.61	14.69		
10	256QAM	1	49	14.64	14.62	14.69		
10	256QAM	25	0	14.68	14.62	14.63	16	0
10	256QAM	25	12	14.65	14.68	14.62		
10	256QAM	25	25	14.66	14.66	14.70		
10	256QAM	50	0	14.51	14.64	14.57		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.76	14.71	14.67	16	0
5	QPSK	1	12	14.74	14.62	14.73		
5	QPSK	1	24	14.65	14.65	14.68		
5	QPSK	12	0	14.71	14.61	14.66	16	0
5	QPSK	12	7	14.62	14.69	14.63		
5	QPSK	12	13	14.66	14.70	14.71		
5	QPSK	25	0	14.65	14.72	14.63		
5	16QAM	1	0	14.65	14.51	14.54	16	0
5	16QAM	1	12	14.59	14.56	14.58		
5	16QAM	1	24	14.64	14.60	14.72		
5	16QAM	12	0	14.63	14.71	14.66	16	0
5	16QAM	12	7	14.54	14.65	14.66		
5	16QAM	12	13	14.70	14.67	14.65		
5	16QAM	25	0	14.55	14.69	14.69		
5	64QAM	1	0	14.67	14.64	14.58	16	0
5	64QAM	1	12	14.54	14.65	14.58		
5	64QAM	1	24	14.68	14.55	14.61		
5	64QAM	12	0	14.66	14.63	14.61	16	0
5	64QAM	12	7	14.59	14.62	14.68		
5	64QAM	12	13	14.66	14.70	14.71		
5	64QAM	25	0	14.55	14.63	14.59		
5	256QAM	1	0	14.59	14.72	14.61	16	0
5	256QAM	1	12	14.69	14.67	14.60		
5	256QAM	1	24	14.61	14.68	14.70		
5	256QAM	12	0	14.57	14.66	14.70	16	0
5	256QAM	12	7	14.66	14.59	14.65		
5	256QAM	12	13	14.63	14.72	14.62		
5	256QAM	25	0	14.55	14.53	14.54		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.69	14.69	14.70	16	0
3	QPSK	1	8	14.64	14.75	14.68		
3	QPSK	1	14	14.64	14.57	14.71		
3	QPSK	8	0	14.63	14.66	14.64	16	0
3	QPSK	8	4	14.62	14.70	14.65		
3	QPSK	8	7	14.63	14.66	14.62		
3	QPSK	15	0	14.66	14.60	14.59		
3	16QAM	1	0	14.60	14.52	14.52	16	0
3	16QAM	1	8	14.58	14.53	14.62		
3	16QAM	1	14	14.59	14.64	14.65		
3	16QAM	8	0	14.72	14.67	14.62	16	0
3	16QAM	8	4	14.56	14.55	14.67		
3	16QAM	8	7	14.56	14.61	14.65		
3	16QAM	15	0	14.65	14.61	14.62		
3	64QAM	1	0	14.57	14.66	14.54	16	0
3	64QAM	1	8	14.57	14.59	14.53		
3	64QAM	1	14	14.57	14.55	14.59		
3	64QAM	8	0	14.60	14.68	14.67	16	0
3	64QAM	8	4	14.63	14.63	14.68		
3	64QAM	8	7	14.66	14.70	14.60		
3	64QAM	15	0	14.54	14.63	14.65		
3	256QAM	1	0	14.63	14.72	14.59	16	0
3	256QAM	1	8	14.59	14.58	14.59		
3	256QAM	1	14	14.66	14.67	14.67		
3	256QAM	8	0	14.59	14.60	14.58	16	0
3	256QAM	8	4	14.58	14.58	14.68		
3	256QAM	8	7	14.66	14.69	14.62		
3	256QAM	15	0	14.56	14.57	14.60		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.73	14.75	14.65	16	0
1.4	QPSK	1	3	14.71	14.64	14.68		
1.4	QPSK	1	5	14.58	14.62	14.66		
1.4	QPSK	3	0	14.72	14.64	14.61		
1.4	QPSK	3	1	14.68	14.65	14.71		
1.4	QPSK	3	3	14.66	14.61	14.65		
1.4	QPSK	6	0	14.64	14.68	14.62	16	0
1.4	16QAM	1	0	14.55	14.58	14.56	16	0
1.4	16QAM	1	3	14.56	14.52	14.58		
1.4	16QAM	1	5	14.66	14.58	14.71		
1.4	16QAM	3	0	14.61	14.68	14.67		
1.4	16QAM	3	1	14.65	14.57	14.65		
1.4	16QAM	3	3	14.61	14.62	14.58		
1.4	16QAM	6	0	14.58	14.66	14.61	16	0
1.4	64QAM	1	0	14.67	14.54	14.65	16	0
1.4	64QAM	1	3	14.63	14.56	14.64		
1.4	64QAM	1	5	14.62	14.67	14.67		
1.4	64QAM	3	0	14.68	14.57	14.64		
1.4	64QAM	3	1	14.56	14.59	14.68		
1.4	64QAM	3	3	14.63	14.72	14.70		
1.4	64QAM	6	0	14.67	14.62	14.61	16	0
1.4	256QAM	1	0	14.61	14.61	14.65	16	0
1.4	256QAM	1	3	14.60	14.57	14.68		
1.4	256QAM	1	5	14.72	14.71	14.61		
1.4	256QAM	3	0	14.61	14.61	14.70		
1.4	256QAM	3	1	14.66	14.63	14.66		
1.4	256QAM	3	3	14.68	14.61	14.61		
1.4	256QAM	6	0	14.55	14.59	14.54	16	0

Band 4_Ant 3

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	11.81	12.18	12.02	13.5	0
20	QPSK	1	49	11.62	11.79	11.87		
20	QPSK	1	99	11.61	11.66	11.96		
20	QPSK	50	0	11.70	12.02	12.01	13.5	0
20	QPSK	50	24	11.60	11.98	11.93		
20	QPSK	50	50	11.64	11.99	11.94		
20	QPSK	100	0	11.68	11.97	11.96		
20	16QAM	1	0	11.68	11.95	11.86	13.5	0
20	16QAM	1	49	11.69	12.08	12.04		
20	16QAM	1	99	11.61	12.11	11.88		
20	16QAM	50	0	11.65	12.06	11.95	13.5	0
20	16QAM	50	24	11.63	11.95	12.07		
20	16QAM	50	50	11.55	12.01	11.99		
20	16QAM	100	0	11.74	12.02	11.98		
20	64QAM	1	0	11.75	12.08	11.92	13.5	0
20	64QAM	1	49	11.61	11.96	11.89		
20	64QAM	1	99	11.79	12.07	11.97		
20	64QAM	50	0	11.58	11.97	11.89	13.5	0
20	64QAM	50	24	11.69	12.03	12.00		
20	64QAM	50	50	11.64	12.07	11.96		
20	64QAM	100	0	11.66	11.91	12.00		
20	256QAM	1	0	11.61	11.91	12.00	13.5	0
20	256QAM	1	49	11.80	12.03	12.02		
20	256QAM	1	99	11.73	11.95	12.04		
20	256QAM	50	0	11.68	11.99	11.99	13.5	0
20	256QAM	50	24	11.70	11.89	11.88		
20	256QAM	50	50	11.75	11.96	12.03		
20	256QAM	100	0	11.73	11.88	11.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	11.65	11.98	11.99	13.5	0
15	QPSK	1	37	11.56	11.61	11.95		
15	QPSK	1	74	11.59	11.70	11.84		
15	QPSK	36	0	11.75	12.12	11.98	13.5	0
15	QPSK	36	20	11.60	12.06	11.87		
15	QPSK	36	39	11.73	12.02	12.10		
15	QPSK	75	0	11.75	12.08	11.91		
15	16QAM	1	0	11.67	12.04	12.03	13.5	0
15	16QAM	1	37	11.80	11.96	12.02		
15	16QAM	1	74	11.76	12.01	12.01		
15	16QAM	36	0	11.79	12.11	11.82	13.5	0
15	16QAM	36	20	11.62	12.02	12.08		
15	16QAM	36	39	11.70	11.95	11.91		
15	16QAM	75	0	11.72	11.95	11.84		
15	64QAM	1	0	11.67	12.14	12.09	13.5	0
15	64QAM	1	37	11.58	11.97	12.04		
15	64QAM	1	74	11.54	12.08	12.02		
15	64QAM	36	0	11.73	11.93	11.91	13.5	0
15	64QAM	36	20	11.82	12.01	12.00		
15	64QAM	36	39	11.67	11.95	12.00		
15	64QAM	75	0	11.62	12.05	11.96		
15	256QAM	1	0	11.63	11.95	12.06	13.5	0
15	256QAM	1	37	11.70	12.10	11.99		
15	256QAM	1	74	11.59	11.95	11.92		
15	256QAM	36	0	11.60	12.03	11.97	13.5	0
15	256QAM	36	20	11.59	12.04	11.98		
15	256QAM	36	39	11.56	12.11	11.94		
15	256QAM	75	0	11.60	12.15	12.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	11.68	11.90	11.88	13.5	0
10	QPSK	1	25	11.60	11.87	12.04		
10	QPSK	1	49	11.52	11.78	12.01		
10	QPSK	25	0	11.73	11.98	11.92	13.5	0
10	QPSK	25	12	11.68	12.09	12.11		
10	QPSK	25	25	11.63	11.97	11.94		
10	QPSK	50	0	11.62	11.94	11.92		
10	16QAM	1	0	11.67	12.07	11.91	13.5	0
10	16QAM	1	25	11.62	11.98	11.96		
10	16QAM	1	49	11.69	12.11	12.00		
10	16QAM	25	0	11.72	12.10	12.05	13.5	0
10	16QAM	25	12	11.76	11.96	12.02		
10	16QAM	25	25	11.70	12.07	11.95		
10	16QAM	50	0	11.60	12.06	11.97		
10	64QAM	1	0	11.60	11.98	11.96	13.5	0
10	64QAM	1	25	11.69	12.04	11.82		
10	64QAM	1	49	11.58	12.06	11.93		
10	64QAM	25	0	11.58	12.09	11.93	13.5	0
10	64QAM	25	12	11.77	11.94	11.99		
10	64QAM	25	25	11.70	12.10	12.01		
10	64QAM	50	0	11.58	11.99	11.96		
10	256QAM	1	0	11.77	11.95	11.94	13.5	0
10	256QAM	1	25	11.64	12.02	11.86		
10	256QAM	1	49	11.56	12.06	12.00		
10	256QAM	25	0	11.71	12.09	11.96	13.5	0
10	256QAM	25	12	11.82	12.11	11.97		
10	256QAM	25	25	11.65	11.98	11.82		
10	256QAM	50	0	11.55	12.11	12.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.58	11.78	11.92	13.5	0
5	QPSK	1	12	11.59	11.87	12.01		
5	QPSK	1	24	11.57	11.70	11.85		
5	QPSK	12	0	11.83	12.09	11.96	13.5	0
5	QPSK	12	7	11.62	11.94	11.89		
5	QPSK	12	13	11.78	12.11	11.93		
5	QPSK	25	0	11.80	12.03	11.88		
5	16QAM	1	0	11.69	12.00	11.86	13.5	0
5	16QAM	1	12	11.58	11.98	11.97		
5	16QAM	1	24	11.57	12.01	11.92		
5	16QAM	12	0	11.67	12.07	11.92	13.5	0
5	16QAM	12	7	11.64	11.88	11.85		
5	16QAM	12	13	11.60	12.06	11.99		
5	16QAM	25	0	11.69	12.07	12.03		
5	64QAM	1	0	11.83	12.02	11.86	13.5	0
5	64QAM	1	12	11.58	11.97	11.98		
5	64QAM	1	24	11.65	12.07	11.91		
5	64QAM	12	0	11.58	11.96	12.10	13.5	0
5	64QAM	12	7	11.78	11.93	11.93		
5	64QAM	12	13	11.63	12.09	11.86		
5	64QAM	25	0	11.64	12.05	11.97		
5	256QAM	1	0	11.71	12.03	11.99	13.5	0
5	256QAM	1	12	11.73	12.05	11.89		
5	256QAM	1	24	11.64	11.99	11.94		
5	256QAM	12	0	11.74	12.03	12.07	13.5	0
5	256QAM	12	7	11.65	12.11	12.01		
5	256QAM	12	13	11.65	12.14	11.88		
5	256QAM	25	0	11.64	12.01	11.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.65	11.86	12.03	13.5	0
3	QPSK	1	8	11.54	11.62	11.88		
3	QPSK	1	14	11.53	11.63	12.00		
3	QPSK	8	0	11.56	12.10	11.96	13.5	0
3	QPSK	8	4	11.67	11.93	11.97		
3	QPSK	8	7	11.64	12.04	11.96		
3	QPSK	15	0	11.59	11.98	11.82		
3	16QAM	1	0	11.70	11.99	11.96	13.5	0
3	16QAM	1	8	11.80	11.91	11.93		
3	16QAM	1	14	11.79	11.99	11.93		
3	16QAM	8	0	11.61	11.96	11.92	13.5	0
3	16QAM	8	4	11.72	12.04	11.87		
3	16QAM	8	7	11.76	11.93	12.04		
3	16QAM	15	0	11.58	12.13	11.94		
3	64QAM	1	0	11.69	12.11	12.03	13.5	0
3	64QAM	1	8	11.66	12.09	12.07		
3	64QAM	1	14	11.67	12.11	12.05		
3	64QAM	8	0	11.75	12.04	12.08	13.5	0
3	64QAM	8	4	11.67	12.10	11.98		
3	64QAM	8	7	11.57	12.08	11.92		
3	64QAM	15	0	11.76	11.95	11.85		
3	256QAM	1	0	11.62	11.99	12.04	13.5	0
3	256QAM	1	8	11.65	11.98	11.97		
3	256QAM	1	14	11.70	11.99	11.93		
3	256QAM	8	0	11.83	12.04	12.02	13.5	0
3	256QAM	8	4	11.73	12.10	11.89		
3	256QAM	8	7	11.62	11.95	11.93		
3	256QAM	15	0	11.76	12.08	11.87		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.50	11.78	12.01	13.5	0
1.4	QPSK	1	3	11.62	11.73	12.03		
1.4	QPSK	1	5	11.59	11.79	11.95		
1.4	QPSK	3	0	11.71	11.97	11.99		
1.4	QPSK	3	1	11.71	12.05	11.92		
1.4	QPSK	3	3	11.63	12.01	12.00		
1.4	QPSK	6	0	11.69	11.99	12.04	13.5	0
1.4	16QAM	1	0	11.57	11.94	11.91	13.5	0
1.4	16QAM	1	3	11.69	12.16	11.93		
1.4	16QAM	1	5	11.64	12.03	11.97		
1.4	16QAM	3	0	11.60	11.96	11.98		
1.4	16QAM	3	1	11.69	11.95	12.06		
1.4	16QAM	3	3	11.63	12.13	12.03		
1.4	16QAM	6	0	11.70	11.91	12.06	13.5	0
1.4	64QAM	1	0	11.63	12.00	12.05	13.5	0
1.4	64QAM	1	3	11.72	11.94	11.97		
1.4	64QAM	1	5	11.64	11.91	12.04		
1.4	64QAM	3	0	11.68	12.02	11.86		
1.4	64QAM	3	1	11.61	12.04	11.84		
1.4	64QAM	3	3	11.61	11.98	11.94		
1.4	64QAM	6	0	11.64	12.04	11.87	13.5	0
1.4	256QAM	1	0	11.61	12.02	11.96	13.5	0
1.4	256QAM	1	3	11.66	11.92	12.04		
1.4	256QAM	1	5	11.57	12.07	11.97		
1.4	256QAM	3	0	11.65	11.89	11.93		
1.4	256QAM	3	1	11.81	11.95	11.89		
1.4	256QAM	3	3	11.58	11.91	12.05		
1.4	256QAM	6	0	11.69	12.11	12.05	13.5	0

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	1	49	23.56	23.59	23.50		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.67	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.88	22.79	23.10		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.88	21.81	21.96	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.60	22	3
10	64QAM	25	12	20.59	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.61	21.75	21.70	23	2
5	16QAM	12	7	21.60	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.66	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.62	23.63	25	0
3	QPSK	1	8	23.58	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.56	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.83	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.75	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.87	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.89	21.43	21.74		
1.4	64QAM	3	3	21.63	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.78	18.94	18.78		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.63	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.66			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		10.53		11.5	0
10	QPSK	1	25		10.50			
10	QPSK	1	49		10.48			
10	QPSK	25	0		10.48		11.5	0
10	QPSK	25	12		10.45			
10	QPSK	25	25		10.42			
10	QPSK	50	0		10.43			
10	16QAM	1	0		10.46		11.5	0
10	16QAM	1	25		10.44			
10	16QAM	1	49		10.38			
10	16QAM	25	0		10.41		11.5	0
10	16QAM	25	12		10.47			
10	16QAM	25	25		10.38			
10	16QAM	50	0		10.40			
10	64QAM	1	0		10.45		11.5	0
10	64QAM	1	25		10.38			
10	64QAM	1	49		10.38			
10	64QAM	25	0		10.42		11.5	0
10	64QAM	25	12		10.40			
10	64QAM	25	25		10.44			
10	64QAM	50	0		10.42			
10	256QAM	1	0		10.46		11.5	0
10	256QAM	1	25		10.42			
10	256QAM	1	49		10.39			
10	256QAM	25	0		10.43		11.5	0
10	256QAM	25	12		10.39			
10	256QAM	25	25		10.46			
10	256QAM	50	0		10.40			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	10.45	10.43	10.45	11.5	0
5	QPSK	1	12	10.45	10.41	10.43		
5	QPSK	1	24	10.42	10.39	10.47		
5	QPSK	12	0	10.45	10.39	10.44	11.5	0
5	QPSK	12	7	10.30	10.38	10.31		
5	QPSK	12	13	10.33	10.35	10.38		
5	QPSK	25	0	10.31	10.31	10.40		
5	16QAM	1	0	10.36	10.34	10.39	11.5	0
5	16QAM	1	12	10.42	10.43	10.37		
5	16QAM	1	24	10.37	10.26	10.32		
5	16QAM	12	0	10.34	10.34	10.29	11.5	0
5	16QAM	12	7	10.44	10.38	10.38		
5	16QAM	12	13	10.24	10.31	10.29		
5	16QAM	25	0	10.32	10.31	10.27		
5	64QAM	1	0	10.42	10.44	10.39	11.5	0
5	64QAM	1	12	10.25	10.25	10.34		
5	64QAM	1	24	10.24	10.37	10.32		
5	64QAM	12	0	10.32	10.31	10.39	11.5	0
5	64QAM	12	7	10.39	10.39	10.28		
5	64QAM	12	13	10.30	10.36	10.40		
5	64QAM	25	0	10.30	10.37	10.27		
5	256QAM	1	0	10.37	10.38	10.34	11.5	0
5	256QAM	1	12	10.39	10.30	10.39		
5	256QAM	1	24	10.28	10.35	10.37		
5	256QAM	12	0	10.35	10.39	10.28	11.5	0
5	256QAM	12	7	10.29	10.35	10.24		
5	256QAM	12	13	10.42	10.45	10.44		
5	256QAM	25	0	10.27	10.25	10.31		

Band 30_Ant 2(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		15.36		16.5	0
10	QPSK	1	25		15.28			
10	QPSK	1	49		15.29			
10	QPSK	25	0		15.34		16.5	0
10	QPSK	25	12		15.29			
10	QPSK	25	25		15.29			
10	QPSK	50	0		15.29			
10	16QAM	1	0		15.26		16.5	0
10	16QAM	1	25		15.29			
10	16QAM	1	49		15.32			
10	16QAM	25	0		15.31		16.5	0
10	16QAM	25	12		15.25			
10	16QAM	25	25		15.31			
10	16QAM	50	0		15.24			
10	64QAM	1	0		15.29		16.5	0
10	64QAM	1	25		15.29			
10	64QAM	1	49		15.29			
10	64QAM	25	0		15.32		16.5	0
10	64QAM	25	12		15.32			
10	64QAM	25	25		15.28			
10	64QAM	50	0		15.25			
10	256QAM	1	0		15.33		16.5	0
10	256QAM	1	25		15.27			
10	256QAM	1	49		15.24			
10	256QAM	25	0		15.30		16.5	0
10	256QAM	25	12		15.28			
10	256QAM	25	25		15.28			
10	256QAM	50	0		15.30			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.32	15.22	15.30	16.5	0
5	QPSK	1	12	15.19	15.18	15.20		
5	QPSK	1	24	15.15	15.23	15.21		
5	QPSK	12	0	15.31	15.27	15.20	16.5	0
5	QPSK	12	7	15.28	15.17	15.22		
5	QPSK	12	13	15.14	15.14	15.14		
5	QPSK	25	0	15.15	15.25	15.25		
5	16QAM	1	0	15.11	15.11	15.21	16.5	0
5	16QAM	1	12	15.19	15.14	15.23		
5	16QAM	1	24	15.22	15.27	15.23		
5	16QAM	12	0	15.26	15.26	15.20	16.5	0
5	16QAM	12	7	15.20	15.15	15.18		
5	16QAM	12	13	15.29	15.19	15.29		
5	16QAM	25	0	15.19	15.17	15.16		
5	64QAM	1	0	15.16	15.20	15.24	16.5	0
5	64QAM	1	12	15.25	15.22	15.28		
5	64QAM	1	24	15.14	15.24	15.21		
5	64QAM	12	0	15.31	15.20	15.21	16.5	0
5	64QAM	12	7	15.20	15.23	15.18		
5	64QAM	12	13	15.19	15.16	15.20		
5	64QAM	25	0	15.17	15.23	15.18		
5	256QAM	1	0	15.18	15.19	15.27	16.5	0
5	256QAM	1	12	15.21	15.22	15.24		
5	256QAM	1	24	15.16	15.19	15.15		
5	256QAM	12	0	15.19	15.22	15.16	16.5	0
5	256QAM	12	7	15.13	15.23	15.15		
5	256QAM	12	13	15.17	15.16	15.24		
5	256QAM	25	0	15.19	15.16	15.25		

Band 66_Ant 3

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	12.21	12.23	12.13	13.5	0
20	QPSK	1	49	12.17	12.22	12.03		
20	QPSK	1	99	12.14	12.14	12.12		
20	QPSK	50	0	12.14	12.17	12.03	13.5	0
20	QPSK	50	24	12.10	12.11	11.98		
20	QPSK	50	50	12.13	12.16	11.94		
20	QPSK	100	0	12.04	12.15	11.98		
20	16QAM	1	0	12.04	12.09	11.96	13.5	0
20	16QAM	1	49	11.98	12.07	11.99		
20	16QAM	1	99	12.04	12.07	11.96		
20	16QAM	50	0	12.12	12.07	12.01	13.5	0
20	16QAM	50	24	12.04	12.12	12.01		
20	16QAM	50	50	12.09	12.16	11.95		
20	16QAM	100	0	12.10	12.10	12.00		
20	64QAM	1	0	12.07	12.16	12.00	13.5	0
20	64QAM	1	49	12.09	12.13	11.94		
20	64QAM	1	99	12.13	12.11	11.98		
20	64QAM	50	0	12.11	12.08	12.02	13.5	0
20	64QAM	50	24	12.05	12.13	11.97		
20	64QAM	50	50	12.07	12.07	12.02		
20	64QAM	100	0	12.13	12.08	11.98		
20	256QAM	1	0	12.05	12.11	11.93	13.5	0
20	256QAM	1	49	12.04	12.15	11.98		
20	256QAM	1	99	12.11	12.15	11.98		
20	256QAM	50	0	12.13	12.16	11.99	13.5	0
20	256QAM	50	24	12.10	12.10	11.94		
20	256QAM	50	50	12.05	12.08	11.98		
20	256QAM	100	0	12.09	12.15	11.99		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.15	12.13	12.16	13.5	0
15	QPSK	1	37	12.19	12.21	12.15		
15	QPSK	1	74	12.13	12.12	12.11		
15	QPSK	36	0	12.12	12.07	12.05	13.5	0
15	QPSK	36	20	12.01	12.00	12.10		
15	QPSK	36	39	12.10	12.14	12.07		
15	QPSK	75	0	12.03	12.12	12.13		
15	16QAM	1	0	11.98	12.08	11.94	13.5	0
15	16QAM	1	37	12.06	12.08	11.95		
15	16QAM	1	74	11.99	12.06	11.92		
15	16QAM	36	0	12.01	12.00	12.00	13.5	0
15	16QAM	36	20	12.00	12.02	11.97		
15	16QAM	36	39	12.15	12.14	12.02		
15	16QAM	75	0	12.06	12.02	11.98		
15	64QAM	1	0	12.10	12.09	12.03	13.5	0
15	64QAM	1	37	12.06	12.07	12.04		
15	64QAM	1	74	12.07	11.97	11.98		
15	64QAM	36	0	11.97	12.01	12.07	13.5	0
15	64QAM	36	20	12.06	11.98	12.10		
15	64QAM	36	39	11.96	11.99	12.00		
15	64QAM	75	0	12.02	11.97	12.07		
15	256QAM	1	0	12.07	12.02	12.02	13.5	0
15	256QAM	1	37	12.13	12.14	12.09		
15	256QAM	1	74	12.07	12.13	12.11		
15	256QAM	36	0	12.05	12.10	12.04	13.5	0
15	256QAM	36	20	12.06	12.01	12.07		
15	256QAM	36	39	12.03	11.93	11.99		
15	256QAM	75	0	12.03	12.06	12.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.09	12.15	12.22	13.5	0
10	QPSK	1	25	12.17	12.20	12.16		
10	QPSK	1	49	12.12	12.05	12.11		
10	QPSK	25	0	12.14	12.10	12.05	13.5	0
10	QPSK	25	12	12.06	12.10	11.97		
10	QPSK	25	25	12.08	12.10	12.08		
10	QPSK	50	0	12.07	12.02	12.11		
10	16QAM	1	0	12.02	11.95	12.02	13.5	0
10	16QAM	1	25	12.00	12.05	11.94		
10	16QAM	1	49	11.93	11.93	11.97		
10	16QAM	25	0	11.94	11.97	11.94	13.5	0
10	16QAM	25	12	12.07	12.10	12.11		
10	16QAM	25	25	12.15	12.01	12.10		
10	16QAM	50	0	12.01	12.08	12.01		
10	64QAM	1	0	12.09	12.04	12.12	13.5	0
10	64QAM	1	25	12.12	12.01	12.01		
10	64QAM	1	49	12.00	12.05	12.06		
10	64QAM	25	0	12.05	12.08	11.98	13.5	0
10	64QAM	25	12	12.04	12.00	12.09		
10	64QAM	25	25	11.94	12.03	12.04		
10	64QAM	50	0	11.99	11.97	12.03		
10	256QAM	1	0	12.10	12.10	12.04	13.5	0
10	256QAM	1	25	12.04	12.07	12.11		
10	256QAM	1	49	12.11	12.06	12.09		
10	256QAM	25	0	12.11	12.13	12.12	13.5	0
10	256QAM	25	12	11.96	11.99	12.03		
10	256QAM	25	25	12.04	12.07	12.04		
10	256QAM	50	0	12.14	12.12	12.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.18	12.21	12.16	13.5	0
5	QPSK	1	12	12.19	12.19	12.16		
5	QPSK	1	24	12.10	12.00	12.12		
5	QPSK	12	0	12.16	12.19	12.09	13.5	0
5	QPSK	12	7	12.03	12.08	12.02		
5	QPSK	12	13	12.11	12.09	12.01		
5	QPSK	25	0	12.01	12.04	12.11		
5	16QAM	1	0	11.94	12.01	12.05	13.5	0
5	16QAM	1	12	11.96	11.92	12.06		
5	16QAM	1	24	11.96	11.93	11.97		
5	16QAM	12	0	12.03	11.95	11.96	13.5	0
5	16QAM	12	7	12.04	12.06	12.06		
5	16QAM	12	13	12.14	12.02	12.01		
5	16QAM	25	0	12.08	12.01	12.06		
5	64QAM	1	0	12.12	12.05	12.10	13.5	0
5	64QAM	1	12	12.02	12.09	12.11		
5	64QAM	1	24	12.08	11.97	12.01		
5	64QAM	12	0	11.96	12.07	12.06	13.5	0
5	64QAM	12	7	12.04	12.02	12.08		
5	64QAM	12	13	11.99	12.00	12.01		
5	64QAM	25	0	11.95	11.96	11.94		
5	256QAM	1	0	11.97	11.96	12.08	13.5	0
5	256QAM	1	12	12.10	12.13	12.03		
5	256QAM	1	24	12.00	12.13	12.05		
5	256QAM	12	0	12.02	12.11	12.07	13.5	0
5	256QAM	12	7	11.98	12.02	12.08		
5	256QAM	12	13	12.05	11.99	11.94		
5	256QAM	25	0	12.01	12.00	12.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.09	12.14	12.18	13.5	0
3	QPSK	1	8	12.11	12.18	12.15		
3	QPSK	1	14	12.11	12.05	12.05		
3	QPSK	8	0	12.06	12.13	12.16	13.5	0
3	QPSK	8	4	12.01	12.07	12.10		
3	QPSK	8	7	12.07	12.02	12.04		
3	QPSK	15	0	12.13	12.14	12.07		
3	16QAM	1	0	11.98	11.94	11.98	13.5	0
3	16QAM	1	8	12.01	11.95	12.02		
3	16QAM	1	14	12.05	11.99	11.95		
3	16QAM	8	0	12.00	12.05	12.01	13.5	0
3	16QAM	8	4	11.97	12.06	12.07		
3	16QAM	8	7	12.04	12.07	12.09		
3	16QAM	15	0	11.98	11.96	12.04		
3	64QAM	1	0	12.14	12.12	12.03	13.5	0
3	64QAM	1	8	12.03	12.00	12.00		
3	64QAM	1	14	12.06	11.98	12.05		
3	64QAM	8	0	12.00	12.04	12.00	13.5	0
3	64QAM	8	4	12.09	12.12	12.10		
3	64QAM	8	7	12.01	11.96	11.97		
3	64QAM	15	0	12.03	12.02	11.95		
3	256QAM	1	0	12.04	12.09	12.08	13.5	0
3	256QAM	1	8	12.08	12.05	12.13		
3	256QAM	1	14	12.13	12.06	12.10		
3	256QAM	8	0	12.10	12.04	12.02	13.5	0
3	256QAM	8	4	12.01	12.07	12.09		
3	256QAM	8	7	12.06	12.04	12.00		
3	256QAM	15	0	12.04	12.09	12.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.11	12.13	12.21	13.5	0
1.4	QPSK	1	3	12.20	12.10	12.17		
1.4	QPSK	1	5	12.02	11.99	11.99		
1.4	QPSK	3	0	12.11	12.08	12.07		
1.4	QPSK	3	1	11.99	12.01	12.05		
1.4	QPSK	3	3	12.03	12.02	12.01		
1.4	QPSK	6	0	12.02	12.06	12.08	13.5	0
1.4	16QAM	1	0	12.04	12.01	12.08	13.5	0
1.4	16QAM	1	3	12.02	12.05	11.99		
1.4	16QAM	1	5	12.00	12.04	11.96		
1.4	16QAM	3	0	12.02	12.01	12.00		
1.4	16QAM	3	1	12.11	12.01	12.06		
1.4	16QAM	3	3	12.11	12.13	12.09		
1.4	16QAM	6	0	12.04	11.95	11.99	13.5	0
1.4	64QAM	1	0	12.01	12.05	12.04	13.5	0
1.4	64QAM	1	3	12.09	12.06	12.12		
1.4	64QAM	1	5	12.10	12.06	12.10		
1.4	64QAM	3	0	12.00	11.98	11.95		
1.4	64QAM	3	1	12.01	12.02	12.07		
1.4	64QAM	3	3	11.94	12.04	11.92		
1.4	64QAM	6	0	11.94	11.98	11.98	13.5	0
1.4	256QAM	1	0	12.07	12.02	11.97	13.5	0
1.4	256QAM	1	3	12.09	12.11	12.11		
1.4	256QAM	1	5	12.07	12.07	12.03		
1.4	256QAM	3	0	12.10	12.06	12.07		
1.4	256QAM	3	1	12.08	12.02	12.08		
1.4	256QAM	3	3	11.97	11.93	12.04		
1.4	256QAM	6	0	12.11	12.06	12.04	13.5	0

Band 66_Ant 2(ENDC)

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	22.69	22.71	22.67	24	0
20	QPSK	1	49	22.57	22.60	22.57		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	21.52	21.66	21.60	23	1
20	QPSK	50	24	21.51	21.54	21.56		
20	QPSK	50	50	21.49	21.57	21.59		
20	QPSK	100	0	21.45	21.58	21.57		
20	16QAM	1	0	21.71	21.78	21.63	23	1
20	16QAM	1	49	21.72	21.69	21.76		
20	16QAM	1	99	21.76	21.75	21.73		
20	16QAM	50	0	20.54	20.63	20.59	22	2
20	16QAM	50	24	20.42	20.60	20.46		
20	16QAM	50	50	20.40	20.58	20.56		
20	16QAM	100	0	20.44	20.57	20.44		
20	64QAM	1	0	20.77	20.78	20.71	22	2
20	64QAM	1	49	20.63	20.73	20.62		
20	64QAM	1	99	20.73	20.77	20.57		
20	64QAM	50	0	19.60	19.67	19.61	21	3
20	64QAM	50	24	19.57	19.57	19.48		
20	64QAM	50	50	19.49	19.58	19.51		
20	64QAM	100	0	19.53	19.54	19.50		
20	256QAM	1	0	17.50	17.63	17.63	19	5
20	256QAM	1	49	17.73	17.66	17.73		
20	256QAM	1	99	17.73	17.65	17.75		
20	256QAM	50	0	17.57	17.61	17.66	19	5
20	256QAM	50	24	17.71	17.66	17.70		
20	256QAM	50	50	17.51	17.63	17.56		
20	256QAM	100	0	17.68	17.64	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.62	22.69	24	0
15	QPSK	1	37	22.57	22.45	22.47		
15	QPSK	1	74	22.59	22.54	22.52		
15	QPSK	36	0	21.54	21.58	21.63	23	1
15	QPSK	36	20	21.52	21.40	21.43		
15	QPSK	36	39	21.42	21.53	21.53		
15	QPSK	75	0	21.44	21.46	21.43		
15	16QAM	1	0	21.74	21.71	21.63	23	1
15	16QAM	1	37	21.57	21.57	21.58		
15	16QAM	1	74	21.68	21.67	21.60		
15	16QAM	36	0	20.57	20.58	20.58	22	2
15	16QAM	36	20	20.58	20.52	20.50		
15	16QAM	36	39	20.57	20.53	20.49		
15	16QAM	75	0	20.42	20.43	20.47		
15	64QAM	1	0	20.63	20.75	20.76	22	2
15	64QAM	1	37	20.67	20.62	20.60		
15	64QAM	1	74	20.64	20.67	20.62		
15	64QAM	36	0	19.57	19.52	19.54	21	3
15	64QAM	36	20	19.50	19.55	19.49		
15	64QAM	36	39	19.54	19.51	19.45		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.57	17.71	17.53	19	5
15	256QAM	1	37	17.72	17.61	17.77		
15	256QAM	1	74	17.71	17.67	17.85		
15	256QAM	36	0	17.62	17.64	17.69	19	5
15	256QAM	36	20	17.57	17.71	17.78		
15	256QAM	36	39	17.55	17.61	17.58		
15	256QAM	75	0	17.73	17.63	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.58	22.64	22.69	24	0
10	QPSK	1	25	22.51	22.48	22.53		
10	QPSK	1	49	22.49	22.59	22.48		
10	QPSK	25	0	21.58	21.54	21.60	23	1
10	QPSK	25	12	21.47	21.51	21.44		
10	QPSK	25	25	21.55	21.49	21.50		
10	QPSK	50	0	21.56	21.50	21.47		
10	16QAM	1	0	21.69	21.63	21.63	23	1
10	16QAM	1	25	21.57	21.66	21.64		
10	16QAM	1	49	21.72	21.64	21.69		
10	16QAM	25	0	20.55	20.59	20.59	22	2
10	16QAM	25	12	20.57	20.45	20.55		
10	16QAM	25	25	20.49	20.56	20.55		
10	16QAM	50	0	20.45	20.54	20.49		
10	64QAM	1	0	20.73	20.70	20.75	22	2
10	64QAM	1	25	20.67	20.72	20.69		
10	64QAM	1	49	20.70	20.68	20.67		
10	64QAM	25	0	19.52	19.59	19.61	21	3
10	64QAM	25	12	19.53	19.47	19.53		
10	64QAM	25	25	19.49	19.44	19.52		
10	64QAM	50	0	19.48	19.49	19.41		
10	256QAM	1	0	17.58	17.56	17.70	19	5
10	256QAM	1	25	17.83	17.82	17.71		
10	256QAM	1	49	17.67	17.67	17.75		
10	256QAM	25	0	17.60	17.49	17.54	19	5
10	256QAM	25	12	17.60	17.61	17.73		
10	256QAM	25	25	17.53	17.54	17.63		
10	256QAM	50	0	17.53	17.53	17.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.68	22.67	24	0
5	QPSK	1	12	22.53	22.48	22.51		
5	QPSK	1	24	22.60	22.48	22.60		
5	QPSK	12	0	21.65	21.58	21.54	23	1
5	QPSK	12	7	21.53	21.51	21.44		
5	QPSK	12	13	21.52	21.44	21.46		
5	QPSK	25	0	21.57	21.45	21.56		
5	16QAM	1	0	21.66	21.65	21.67	23	1
5	16QAM	1	12	21.65	21.67	21.59		
5	16QAM	1	24	21.64	21.72	21.62		
5	16QAM	12	0	20.61	20.62	20.54	22	2
5	16QAM	12	7	20.51	20.54	20.53		
5	16QAM	12	13	20.50	20.53	20.45		
5	16QAM	25	0	20.55	20.49	20.52		
5	64QAM	1	0	20.66	20.71	20.73	22	2
5	64QAM	1	12	20.71	20.60	20.60		
5	64QAM	1	24	20.70	20.67	20.65		
5	64QAM	12	0	19.58	19.65	19.59	21	3
5	64QAM	12	7	19.55	19.44	19.44		
5	64QAM	12	13	19.45	19.54	19.56		
5	64QAM	25	0	19.47	19.52	19.51		
5	256QAM	1	0	17.54	17.56	17.53	19	5
5	256QAM	1	12	17.72	17.72	17.74		
5	256QAM	1	24	17.59	17.52	17.75		
5	256QAM	12	0	17.47	17.62	17.58	19	5
5	256QAM	12	7	17.65	17.61	17.59		
5	256QAM	12	13	17.58	17.51	17.49		
5	256QAM	25	0	17.75	17.74	17.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.63	22.70	22.58	24	0
3	QPSK	1	8	22.47	22.55	22.51		
3	QPSK	1	14	22.59	22.53	22.60		
3	QPSK	8	0	21.60	21.55	21.59	23	1
3	QPSK	8	4	21.41	21.52	21.52		
3	QPSK	8	7	21.44	21.53	21.54		
3	QPSK	15	0	21.49	21.56	21.54		
3	16QAM	1	0	21.66	21.75	21.73	23	1
3	16QAM	1	8	21.54	21.54	21.68		
3	16QAM	1	14	21.69	21.74	21.80		
3	16QAM	8	0	20.53	20.56	20.53	22	2
3	16QAM	8	4	20.45	20.48	20.55		
3	16QAM	8	7	20.43	20.53	20.46		
3	16QAM	15	0	20.47	20.48	20.51		
3	64QAM	1	0	20.64	20.76	20.77	22	2
3	64QAM	1	8	20.67	20.68	20.68		
3	64QAM	1	14	20.67	20.62	20.71		
3	64QAM	8	0	19.64	19.60	19.54	21	3
3	64QAM	8	4	19.46	19.54	19.54		
3	64QAM	8	7	19.47	19.44	19.52		
3	64QAM	15	0	19.42	19.52	19.47		
3	256QAM	1	0	17.39	17.49	17.73	19	5
3	256QAM	1	8	17.74	17.76	17.58		
3	256QAM	1	14	17.83	17.50	17.83		
3	256QAM	8	0	17.54	17.55	17.59	19	5
3	256QAM	8	4	17.73	17.66	17.74		
3	256QAM	8	7	17.40	17.66	17.52		
3	256QAM	15	0	17.66	17.72	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.59	22.55	24	0
1.4	QPSK	1	3	22.55	22.58	22.46		
1.4	QPSK	1	5	22.58	22.61	22.57		
1.4	QPSK	3	0	22.58	22.57	22.53		
1.4	QPSK	3	1	22.62	22.66	22.53		
1.4	QPSK	3	3	22.54	22.60	22.57		
1.4	QPSK	6	0	21.57	21.63	21.52	23	1
1.4	16QAM	1	0	21.60	21.69	21.52	23	1
1.4	16QAM	1	3	21.61	21.60	21.53		
1.4	16QAM	1	5	21.50	21.57	21.53		
1.4	16QAM	3	0	21.59	21.57	21.57		
1.4	16QAM	3	1	21.49	21.64	21.54		
1.4	16QAM	3	3	21.58	21.58	21.55		
1.4	16QAM	6	0	20.56	20.68	20.55	22	2
1.4	64QAM	1	0	20.53	20.63	20.55	22	2
1.4	64QAM	1	3	20.61	20.63	20.46		
1.4	64QAM	1	5	20.58	20.59	20.43		
1.4	64QAM	3	0	20.54	20.69	20.57		
1.4	64QAM	3	1	20.49	20.68	20.45		
1.4	64QAM	3	3	20.53	20.62	20.43		
1.4	64QAM	6	0	19.57	19.59	19.54	21	3
1.4	256QAM	1	0	17.46	17.72	17.52	19	5
1.4	256QAM	1	3	17.76	17.70	17.66		
1.4	256QAM	1	5	17.59	17.50	17.81		
1.4	256QAM	3	0	17.55	17.71	17.52		
1.4	256QAM	3	1	17.65	17.54	17.79		
1.4	256QAM	3	3	17.54	17.66	17.60		
1.4	256QAM	6	0	17.64	17.54	17.56	19	5

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	12.00	12.04	11.96	13.5	0.0
40	PI/2 BPSK	1	108	12.05	12.01	12.01		
40	PI/2 BPSK	1	214	11.99	12.07	11.97		
40	PI/2 BPSK	108	0	12.03	12.09	11.99	13.5	0.0
40	PI/2 BPSK	108	54	12.02	12.01	12.00	13.5	0.0
40	PI/2 BPSK	108	108	11.98	12.09	12.02	13.5	0.0
40	PI/2 BPSK	216	0	12.09	12.08	12.02		
40	QPSK	1	1	12.10	12.12	12.06	13.5	0.0
40	QPSK	1	108	12.03	12.07	11.97		
40	QPSK	1	214	12.07	12.10	12.03		
40	QPSK	108	0	12.02	12.09	12.03	13.5	0.0
40	QPSK	108	54	12.08	12.10	12.04	13.5	0.0
40	QPSK	108	108	12.07	12.04	11.98	13.5	0.0
40	QPSK	216	0	11.98	12.05	11.95		
40	16QAM	1	1	12.02	12.07	11.99	13.5	0.0
40	64QAM	1	1	11.99	12.08	12.03	13.5	0.0
40	256QAM	1	1	12.02	12.02	11.98	13.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	12.07	12.05	12.01	13.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	12.04	12.07	11.99	13.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	12.07	12.00	12.00	13.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	11.99	12.03	11.96	13.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	12.07	12.05	12.02	13.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	12.01	12.02	11.99	13.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	12.04	12.06	12.01	13.5	0.0

n2_Ant 2(ENDC)

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	13.39	13.42	13.35	15.0	0.0
40	PI/2 BPSK	1	108	13.36	13.40	13.38		
40	PI/2 BPSK	1	214	13.30	13.44	13.35		
40	PI/2 BPSK	108	0	13.37	13.47	13.38	15.0	0.0
40	PI/2 BPSK	108	54	13.36	13.41	13.39	15.0	0.0
40	PI/2 BPSK	108	108	13.35	13.47	13.43	15.0	0.0
40	PI/2 BPSK	216	0	13.33	13.41	13.42		
40	QPSK	1	1	13.50	13.52	13.49	15.0	0.0
40	QPSK	1	108	13.48	13.46	13.41		
40	QPSK	1	214	13.40	13.51	13.45		
40	QPSK	108	0	13.39	13.42	13.41	15.0	0.0
40	QPSK	108	54	13.40	13.48	13.44	15.0	0.0
40	QPSK	108	108	13.35	13.38	13.38	15.0	0.0
40	QPSK	216	0	13.31	13.41	13.36		
40	16QAM	1	1	13.31	13.44	13.42	15.0	0.0
40	64QAM	1	1	13.30	13.44	13.43	15.0	0.0
40	256QAM	1	1	13.32	13.43	13.42	15.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	13.32	13.45	13.35	15.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	13.35	13.46	13.43	15.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	13.38	13.43	13.37	15.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	13.35	13.41	13.35	15.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.32	13.38	13.42	15.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.39	13.46	13.34	15.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.36	13.38	13.35	15.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	12.04	12.20	12.12	13.5	0.0
40	PI/2 BPSK	1	108	12.03	12.15	12.16		
40	PI/2 BPSK	1	214	12.01	12.12	12.05		
40	PI/2 BPSK	108	0	11.92	12.11	12.13	13.5	0.0
40	PI/2 BPSK	108	54	11.97	12.22	12.14	13.5	0.0
40	PI/2 BPSK	108	108	12.02	12.23	12.10	13.5	0.0
40	PI/2 BPSK	216	0	11.99	12.20	12.13		
40	QPSK	1	1	12.21	12.25	12.22	13.5	0.0
40	QPSK	1	108	12.14	12.24	12.10		
40	QPSK	1	214	12.09	12.13	12.12		
40	QPSK	108	0	12.03	12.16	12.06	13.5	0.0
40	QPSK	108	54	12.07	12.24	12.18	13.5	0.0
40	QPSK	108	108	11.97	12.16	12.15	13.5	0.0
40	QPSK	216	0	12.04	12.13	12.04		
40	16QAM	1	1	11.94	12.20	12.15	13.5	0.0
40	64QAM	1	1	12.02	12.09	12.05	13.5	0.0
40	256QAM	1	1	11.92	12.14	12.17	13.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	11.95	12.10	12.14	13.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	11.96	12.23	12.03	13.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	11.96	12.18	12.04	13.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	12.01	12.21	12.08	13.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	12.04	12.21	12.07	13.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	12.05	12.11	12.08	13.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	12.05	12.13	12.08	13.5	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	15.22	15.39	15.25	15.5	0.0
45	PI/2 BPSK	1	122	15.27	15.26	15.11		
45	PI/2 BPSK	1	243	15.31	15.32	15.17		
45	PI/2 BPSK	120	0	15.27	15.29	15.14	15.5	0.0
45	PI/2 BPSK	120	60	15.32	15.32	15.12	15.5	0.0
45	PI/2 BPSK	120	122	15.33	15.29	15.20	15.5	0.0
45	PI/2 BPSK	243	0	15.33	15.32	15.23		
45	QPSK	1	1	15.41	15.43	15.40	15.5	0.0
45	QPSK	1	122	15.27	15.36	15.26		
45	QPSK	1	243	15.40	15.33	15.25		
45	QPSK	120	0	15.22	15.32	15.24	15.5	0.0
45	QPSK	120	60	15.35	15.40	15.26	15.5	0.0
45	QPSK	120	122	15.25	15.35	15.16	15.5	0.0
45	QPSK	243	0	15.32	15.36	15.16		
45	16QAM	1	1	15.30	15.30	15.20	15.5	0.0
45	64QAM	1	1	15.30	15.36	15.22	15.5	0.0
45	256QAM	1	1	15.28	15.35	15.14	15.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.21	15.33	15.23	15.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.30	15.26	15.25	15.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.34	15.35	15.24	15.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.25	15.39	15.24	15.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.30	15.39	15.16	15.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.31	15.31	15.25	15.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.29	15.34	15.20	15.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.31	15.26	15.16	15.5	0.0

n66_Ant 2(ENDC)

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.33	22.45	22.38	24.0	0.0
45	PI/2 BPSK	1	122	22.25	22.39	22.38		
45	PI/2 BPSK	1	243	22.22	22.32	22.21		
45	PI/2 BPSK	120	0	21.92	22.00	21.99	23.5	0.5
45	PI/2 BPSK	120	60	22.22	22.37	22.37	24.0	0.0
45	PI/2 BPSK	120	122	21.79	21.92	21.82	23.5	0.5
45	PI/2 BPSK	243	0	21.81	21.96	21.83		
45	QPSK	1	1	22.46	22.49	22.37	24.0	0.0
45	QPSK	1	122	22.32	22.39	22.31		
45	QPSK	1	243	22.29	22.34	22.21		
45	QPSK	120	0	21.50	21.51	21.46	23.0	1.0
45	QPSK	120	60	22.44	22.48	22.36	24.0	0.0
45	QPSK	120	122	21.42	21.45	21.45	23.0	1.0
45	QPSK	243	0	21.42	21.46	21.40		
45	16QAM	1	1	21.09	21.16	21.12	23.0	1.0
45	64QAM	1	1	19.67	19.75	19.73	21.5	2.5
45	256QAM	1	1	18.32	18.38	18.34	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.38	22.41	22.33	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.35	22.37	22.25	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.31	22.34	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.39	22.30	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.36	22.37	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.40	22.27	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.46	22.33	22.35	24.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.69	14.74	14.80	16.0	0.0
100	PI/2 BPSK	1	137	14.57	14.79	14.77		
100	PI/2 BPSK	1	271	14.60	14.79	14.80		
100	PI/2 BPSK	135	0	14.64	14.82	14.80	16.0	0.0
100	PI/2 BPSK	135	69	14.57	14.73	14.77	16.0	0.0
100	PI/2 BPSK	135	138	14.66	14.74	14.80	16.0	0.0
100	PI/2 BPSK	270	0	14.61	14.81	14.81		
100	QPSK	1	1	14.85	14.92	14.89	16.0	0.0
100	QPSK	1	137	14.82	14.87	14.77		
100	QPSK	1	271	14.84	14.78	14.76		
100	QPSK	135	0	14.58	14.84	14.75	16.0	0.0
100	QPSK	135	69	14.70	14.88	14.84		
100	QPSK	135	138	14.57	14.78	14.70		
100	QPSK	270	0	14.67	14.82	14.70	16.0	0.0
100	16QAM	1	1	14.58	14.84	14.82	16.0	0.0
100	64QAM	1	1	14.64	14.87	14.77	16.0	0.0
100	256QAM	1	1	14.57	14.85	14.73	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.55	14.86	14.74	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.69	14.86	14.83	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.63	14.82	14.70	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.69	14.74	14.76	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.60	14.80	14.71	16.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	14.62	14.79	14.74	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.65	14.80	14.70	16.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	14.57	14.76	14.82	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.63	14.78	14.72	16.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	14.62	14.74	14.74	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.57	14.82	14.69	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.64	14.79	14.77	16.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.61	14.75	14.79	16.0	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	11.65	11.71	11.46	13.0	0.0
100	PI/2 BPSK	1	137	11.74	11.68	11.59		
100	PI/2 BPSK	1	271	11.68	11.80	11.54		
100	PI/2 BPSK	135	0	11.75	11.75	11.60	13.0	0.0
100	PI/2 BPSK	135	69	11.71	11.68	11.51	13.0	0.0
100	PI/2 BPSK	135	138	11.65	11.67	11.53	13.0	0.0
100	PI/2 BPSK	270	0	11.63	11.67	11.57		
100	QPSK	1	1	11.85	11.89	11.76	13.0	0.0
100	QPSK	1	137	11.78	11.79	11.63		
100	QPSK	1	271	11.84	11.81	11.63		
100	QPSK	135	0	11.68	11.81	11.47	13.0	0.0
100	QPSK	135	69	11.76	11.82	11.61		
100	QPSK	135	138	11.72	11.68	11.46		
100	QPSK	270	0	11.74	11.76	11.48	13.0	0.0
100	16QAM	1	1	11.61	11.70	11.49	13.0	0.0
100	64QAM	1	1	11.74	11.73	11.51	13.0	0.0
100	256QAM	1	1	11.66	11.72	11.48	13.0	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	11.68	11.80	11.51	13.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	11.75	11.71	11.47	13.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	11.63	11.78	11.51	13.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	11.75	11.77	11.47	13.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	11.72	11.76	11.58	13.0	0.0
Channel				638168	641666	645166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3572.52	3624.99	3677.49		
45	QPSK	1	1	11.72	11.69	11.59	13.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	11.61	11.68	11.56	13.0	0.0
Channel				637834	641666	645500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3567.51	3624.99	3682.5		
35	QPSK	1	1	11.68	11.67	11.58	13.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	11.71	11.70	11.48	13.0	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	11.73	11.68	11.46	13.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	11.72	11.77	11.56	13.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	11.61	11.77	11.47	13.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	11.64	11.75	11.47	13.0	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.83		13.0	0.0
100	PI/2 BPSK	1	137		11.83			
100	PI/2 BPSK	1	271		11.81			
100	PI/2 BPSK	135	0		11.73		13.0	0.0
100	PI/2 BPSK	135	69		11.82		13.0	0.0
100	PI/2 BPSK	135	138		11.78		13.0	0.0
100	PI/2 BPSK	270	0		11.82			
100	QPSK	1	1		11.93		13.0	0.0
100	QPSK	1	137		11.89			
100	QPSK	1	271		11.81			
100	QPSK	135	0		11.74		13.0	0.0
100	QPSK	135	69		11.84			
100	QPSK	135	138		11.76			
100	QPSK	270	0		11.82		13.0	0.0
100	16QAM	1	1		11.83		13.0	0.0
100	64QAM	1	1		11.83		13.0	0.0
100	256QAM	1	1		11.77		13.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.81	11.82	11.81	13.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	11.73	11.76	11.77	13.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.77	11.76	11.75	13.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.78	11.71	11.79	13.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.79	11.73	11.68	13.0	0.0
Channel				631500	633332	635166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3472.5	3499.98	3527.49		
45	QPSK	1	1	11.74	11.69	11.69	13.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.70	11.80	11.73	13.0	0.0
Channel				631168	633332	635500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.52	3499.98	3532.5		
35	QPSK	1	1	11.66	11.71	11.68	13.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.79	11.71	11.68	13.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	11.76	11.78	11.74	13.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.77	11.80	11.73	13.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	11.72	11.68	11.67	13.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.80	11.67	11.70	13.0	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1		11.85		13.0	0.0
100	PI/2 BPSK	1	137		11.75			
100	PI/2 BPSK	1	271		11.74			
100	PI/2 BPSK	135	0		11.78		13.0	0.0
100	PI/2 BPSK	135	69		11.78		13.0	0.0
100	PI/2 BPSK	135	138		11.77		13.0	0.0
100	PI/2 BPSK	270	0		11.74			
100	QPSK	1	1		11.98		13.0	0.0
100	QPSK	1	137		11.85			
100	QPSK	1	271		11.93			
100	QPSK	135	0		11.86		13.0	0.0
100	QPSK	135	69		11.88			
100	QPSK	135	138		11.79			
100	QPSK	270	0		11.82		13.0	0.0
100	16QAM	1	1		11.76		13.0	0.0
100	64QAM	1	1		11.78		13.0	0.0
100	256QAM	1	1		11.78		13.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	11.86	11.73	11.78	13.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	11.75	11.72	11.65	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.80	11.72	11.77	13.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	11.77	11.71	11.69	13.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	11.78	11.67	11.72	13.0	0.0
Channel				648168	656000	663832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.52	3840	3957.48		
45	QPSK	1	1	11.77	11.58	11.72	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.84	11.70	11.68	13.0	0.0
Channel				647834	656000	664166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3717.51	3840	3962.49		
35	QPSK	1	1	11.81	11.70	11.77	13.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	11.79	11.59	11.68	13.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.75	11.60	11.68	13.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	11.78	11.70	11.63	13.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	11.75	11.58	11.69	13.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.72	11.65	11.66	13.0	0.0

Reduced Power Mode for Hotspot On

Band 2_Ant 3

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	16.67	16.72	16.64	17.5	0
20	QPSK	1	49	16.58	16.62	16.57		
20	QPSK	1	99	16.64	16.70	16.55		
20	QPSK	50	0	16.65	16.71	16.57	17.5	0
20	QPSK	50	24	16.63	16.55	16.55		
20	QPSK	50	50	16.61	16.62	16.51		
20	QPSK	100	0	16.59	16.69	16.63		
20	16QAM	1	0	16.60	16.69	16.55	17.5	0
20	16QAM	1	49	16.59	16.68	16.55		
20	16QAM	1	99	16.57	16.68	16.60		
20	16QAM	50	0	16.65	16.68	16.61	17.5	0
20	16QAM	50	24	16.61	16.70	16.57		
20	16QAM	50	50	16.62	16.69	16.57		
20	16QAM	100	0	16.66	16.69	16.59		
20	64QAM	1	0	16.63	16.64	16.63	17.5	0
20	64QAM	1	49	16.64	16.66	16.63		
20	64QAM	1	99	16.57	16.68	16.58		
20	64QAM	50	0	16.60	16.66	16.55	17.5	0
20	64QAM	50	24	16.64	16.67	16.60		
20	64QAM	50	50	16.65	16.63	16.60		
20	64QAM	100	0	16.59	16.65	16.57		
20	256QAM	1	0	16.63	16.67	16.54	17.5	0
20	256QAM	1	49	16.66	16.65	16.58		
20	256QAM	1	99	16.66	16.67	16.57		
20	256QAM	50	0	16.66	16.62	16.57	17.5	0
20	256QAM	50	24	16.59	16.70	16.54		
20	256QAM	50	50	16.57	16.68	16.59		
20	256QAM	100	0	16.61	16.65	16.60		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.71	16.68	16.61	17.5	0
15	QPSK	1	37	16.49	16.52	16.48		
15	QPSK	1	74	16.64	16.56	16.63		
15	QPSK	36	0	16.70	16.58	16.57	17.5	0
15	QPSK	36	20	16.51	16.51	16.47		
15	QPSK	36	39	16.53	16.58	16.52		
15	QPSK	75	0	16.61	16.63	16.56		
15	16QAM	1	0	16.60	16.56	16.64	17.5	0
15	16QAM	1	37	16.62	16.66	16.61		
15	16QAM	1	74	16.56	16.60	16.66		
15	16QAM	36	0	16.56	16.59	16.66	17.5	0
15	16QAM	36	20	16.57	16.57	16.61		
15	16QAM	36	39	16.57	16.65	16.55		
15	16QAM	75	0	16.57	16.54	16.57		
15	64QAM	1	0	16.51	16.55	16.62	17.5	0
15	64QAM	1	37	16.65	16.52	16.61		
15	64QAM	1	74	16.58	16.56	16.67		
15	64QAM	36	0	16.64	16.65	16.51	17.5	0
15	64QAM	36	20	16.53	16.52	16.55		
15	64QAM	36	39	16.58	16.53	16.62		
15	64QAM	75	0	16.55	16.62	16.59		
15	256QAM	1	0	16.64	16.62	16.52	17.5	0
15	256QAM	1	37	16.50	16.50	16.53		
15	256QAM	1	74	16.60	16.60	16.54		
15	256QAM	36	0	16.50	16.48	16.60	17.5	0
15	256QAM	36	20	16.55	16.59	16.59		
15	256QAM	36	39	16.62	16.57	16.64		
15	256QAM	75	0	16.51	16.56	16.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.65	16.59	16.59	17.5	0
10	QPSK	1	25	16.57	16.51	16.59		
10	QPSK	1	49	16.57	16.66	16.58		
10	QPSK	25	0	16.60	16.65	16.61	17.5	0
10	QPSK	25	12	16.45	16.44	16.49		
10	QPSK	25	25	16.60	16.57	16.53		
10	QPSK	50	0	16.59	16.58	16.64		
10	16QAM	1	0	16.56	16.59	16.65	17.5	0
10	16QAM	1	25	16.63	16.58	16.58		
10	16QAM	1	49	16.63	16.57	16.58		
10	16QAM	25	0	16.54	16.63	16.53	17.5	0
10	16QAM	25	12	16.67	16.55	16.65		
10	16QAM	25	25	16.55	16.63	16.68		
10	16QAM	50	0	16.55	16.68	16.61		
10	64QAM	1	0	16.57	16.57	16.54	17.5	0
10	64QAM	1	25	16.53	16.55	16.62		
10	64QAM	1	49	16.66	16.63	16.65		
10	64QAM	25	0	16.58	16.61	16.59	17.5	0
10	64QAM	25	12	16.55	16.57	16.62		
10	64QAM	25	25	16.62	16.62	16.57		
10	64QAM	50	0	16.57	16.62	16.62		
10	256QAM	1	0	16.58	16.54	16.53	17.5	0
10	256QAM	1	25	16.52	16.60	16.63		
10	256QAM	1	49	16.58	16.53	16.52		
10	256QAM	25	0	16.61	16.48	16.52	17.5	0
10	256QAM	25	12	16.65	16.63	16.56		
10	256QAM	25	25	16.66	16.63	16.59		
10	256QAM	50	0	16.61	16.64	16.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.69	16.63	16.58	17.5	0
5	QPSK	1	12	16.56	16.58	16.56		
5	QPSK	1	24	16.59	16.68	16.69		
5	QPSK	12	0	16.67	16.56	16.69	17.5	0
5	QPSK	12	7	16.42	16.48	16.52		
5	QPSK	12	13	16.57	16.47	16.54		
5	QPSK	25	0	16.60	16.59	16.67		
5	16QAM	1	0	16.60	16.59	16.57	17.5	0
5	16QAM	1	12	16.61	16.66	16.65		
5	16QAM	1	24	16.53	16.58	16.61		
5	16QAM	12	0	16.67	16.63	16.58	17.5	0
5	16QAM	12	7	16.59	16.57	16.58		
5	16QAM	12	13	16.62	16.60	16.63		
5	16QAM	25	0	16.56	16.61	16.68		
5	64QAM	1	0	16.61	16.52	16.58	17.5	0
5	64QAM	1	12	16.60	16.63	16.61		
5	64QAM	1	24	16.62	16.66	16.66		
5	64QAM	12	0	16.53	16.51	16.59	17.5	0
5	64QAM	12	7	16.58	16.53	16.64		
5	64QAM	12	13	16.50	16.53	16.55		
5	64QAM	25	0	16.55	16.64	16.50		
5	256QAM	1	0	16.53	16.62	16.61	17.5	0
5	256QAM	1	12	16.57	16.57	16.62		
5	256QAM	1	24	16.56	16.60	16.61		
5	256QAM	12	0	16.59	16.61	16.60	17.5	0
5	256QAM	12	7	16.68	16.58	16.67		
5	256QAM	12	13	16.59	16.54	16.61		
5	256QAM	25	0	16.61	16.61	16.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.59	16.67	16.67	17.5	0
3	QPSK	1	8	16.52	16.61	16.51		
3	QPSK	1	14	16.68	16.67	16.67		
3	QPSK	8	0	16.63	16.70	16.63	17.5	0
3	QPSK	8	4	16.48	16.48	16.41		
3	QPSK	8	7	16.61	16.59	16.60		
3	QPSK	15	0	16.67	16.62	16.66		
3	16QAM	1	0	16.66	16.58	16.56	17.5	0
3	16QAM	1	8	16.60	16.57	16.60		
3	16QAM	1	14	16.54	16.63	16.54		
3	16QAM	8	0	16.67	16.55	16.65	17.5	0
3	16QAM	8	4	16.59	16.58	16.58		
3	16QAM	8	7	16.55	16.58	16.68		
3	16QAM	15	0	16.63	16.66	16.68		
3	64QAM	1	0	16.52	16.60	16.63	17.5	0
3	64QAM	1	8	16.58	16.57	16.65		
3	64QAM	1	14	16.63	16.66	16.67		
3	64QAM	8	0	16.58	16.61	16.58	17.5	0
3	64QAM	8	4	16.65	16.57	16.64		
3	64QAM	8	7	16.59	16.62	16.60		
3	64QAM	15	0	16.58	16.61	16.55		
3	256QAM	1	0	16.53	16.60	16.66	17.5	0
3	256QAM	1	8	16.59	16.62	16.55		
3	256QAM	1	14	16.53	16.52	16.58		
3	256QAM	8	0	16.60	16.53	16.57	17.5	0
3	256QAM	8	4	16.59	16.68	16.62		
3	256QAM	8	7	16.56	16.66	16.66		
3	256QAM	15	0	16.51	16.56	16.55		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.70	16.67	16.57	17.5	0
1.4	QPSK	1	3	16.55	16.51	16.50		
1.4	QPSK	1	5	16.62	16.63	16.63		
1.4	QPSK	3	0	16.58	16.60	16.60		
1.4	QPSK	3	1	16.40	16.48	16.43		
1.4	QPSK	3	3	16.51	16.48	16.51		
1.4	QPSK	6	0	16.64	16.54	16.60	17.5	0
1.4	16QAM	1	0	16.56	16.55	16.60	17.5	0
1.4	16QAM	1	3	16.59	16.53	16.58		
1.4	16QAM	1	5	16.54	16.57	16.66		
1.4	16QAM	3	0	16.58	16.63	16.59		
1.4	16QAM	3	1	16.61	16.64	16.65		
1.4	16QAM	3	3	16.67	16.58	16.67		
1.4	16QAM	6	0	16.64	16.61	16.66	17.5	0
1.4	64QAM	1	0	16.63	16.55	16.51	17.5	0
1.4	64QAM	1	3	16.58	16.65	16.57		
1.4	64QAM	1	5	16.55	16.55	16.53		
1.4	64QAM	3	0	16.53	16.58	16.59		
1.4	64QAM	3	1	16.60	16.59	16.55		
1.4	64QAM	3	3	16.53	16.48	16.56		
1.4	64QAM	6	0	16.61	16.53	16.60	17.5	0
1.4	256QAM	1	0	16.60	16.60	16.59	17.5	0
1.4	256QAM	1	3	16.60	16.59	16.56		
1.4	256QAM	1	5	16.52	16.60	16.64		
1.4	256QAM	3	0	16.60	16.48	16.50		
1.4	256QAM	3	1	16.61	16.57	16.62		
1.4	256QAM	3	3	16.61	16.54	16.62		
1.4	256QAM	6	0	16.50	16.62	16.59	17.5	0

Band 2_Ant 2(ENDC)

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	13.61	13.71	13.70	15	0
20	QPSK	1	49	13.60	13.63	13.62		
20	QPSK	1	99	13.51	13.62	13.68		
20	QPSK	50	0	13.51	13.70	13.68	15	0
20	QPSK	50	24	13.46	13.69	13.66		
20	QPSK	50	50	13.50	13.64	13.65		
20	QPSK	100	0	13.49	13.69	13.59		
20	16QAM	1	0	13.43	13.62	13.61	15	0
20	16QAM	1	49	13.44	13.65	13.64		
20	16QAM	1	99	13.45	13.68	13.64		
20	16QAM	50	0	13.41	13.69	13.59	15	0
20	16QAM	50	24	13.45	13.63	13.63		
20	16QAM	50	50	13.45	13.68	13.66		
20	16QAM	100	0	13.44	13.62	13.61		
20	64QAM	1	0	13.45	13.62	13.59	15	0
20	64QAM	1	49	13.50	13.67	13.63		
20	64QAM	1	99	13.46	13.69	13.61		
20	64QAM	50	0	13.47	13.60	13.58	15	0
20	64QAM	50	24	13.49	13.67	13.61		
20	64QAM	50	50	13.47	13.68	13.61		
20	64QAM	100	0	13.42	13.62	13.61		
20	256QAM	1	0	13.50	13.61	13.61	15	0
20	256QAM	1	49	13.50	13.61	13.67		
20	256QAM	1	99	13.50	13.68	13.60		
20	256QAM	50	0	13.47	13.64	13.64	15	0
20	256QAM	50	24	13.44	13.69	13.64		
20	256QAM	50	50	13.46	13.65	13.61		
20	256QAM	100	0	13.43	13.66	13.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.57	13.59	13.56	15	0
15	QPSK	1	37	13.62	13.53	13.50		
15	QPSK	1	74	13.57	13.55	13.47		
15	QPSK	36	0	13.69	13.59	13.61	15	0
15	QPSK	36	20	13.59	13.60	13.62		
15	QPSK	36	39	13.63	13.51	13.54		
15	QPSK	75	0	13.67	13.68	13.59		
15	16QAM	1	0	13.50	13.51	13.58	15	0
15	16QAM	1	37	13.51	13.60	13.53		
15	16QAM	1	74	13.65	13.64	13.62		
15	16QAM	36	0	13.62	13.64	13.62	15	0
15	16QAM	36	20	13.49	13.52	13.49		
15	16QAM	36	39	13.59	13.60	13.67		
15	16QAM	75	0	13.54	13.52	13.51		
15	64QAM	1	0	13.56	13.59	13.56	15	0
15	64QAM	1	37	13.60	13.65	13.54		
15	64QAM	1	74	13.59	13.65	13.55		
15	64QAM	36	0	13.57	13.47	13.56	15	0
15	64QAM	36	20	13.65	13.54	13.58		
15	64QAM	36	39	13.61	13.58	13.56		
15	64QAM	75	0	13.58	13.49	13.60		
15	256QAM	1	0	13.52	13.53	13.57	15	0
15	256QAM	1	37	13.55	13.59	13.46		
15	256QAM	1	74	13.57	13.65	13.65		
15	256QAM	36	0	13.53	13.58	13.50	15	0
15	256QAM	36	20	13.60	13.62	13.59		
15	256QAM	36	39	13.52	13.61	13.55		
15	256QAM	75	0	13.55	13.58	13.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.63	13.68	13.58	15	0
10	QPSK	1	25	13.59	13.50	13.62		
10	QPSK	1	49	13.56	13.55	13.47		
10	QPSK	25	0	13.58	13.57	13.60	15	0
10	QPSK	25	12	13.67	13.65	13.67		
10	QPSK	25	25	13.49	13.54	13.56		
10	QPSK	50	0	13.58	13.61	13.60		
10	16QAM	1	0	13.47	13.56	13.56	15	0
10	16QAM	1	25	13.59	13.50	13.61		
10	16QAM	1	49	13.67	13.66	13.67		
10	16QAM	25	0	13.58	13.55	13.54	15	0
10	16QAM	25	12	13.56	13.48	13.56		
10	16QAM	25	25	13.61	13.55	13.59		
10	16QAM	50	0	13.52	13.47	13.60		
10	64QAM	1	0	13.47	13.52	13.51	15	0
10	64QAM	1	25	13.52	13.52	13.61		
10	64QAM	1	49	13.58	13.55	13.67		
10	64QAM	25	0	13.58	13.56	13.55	15	0
10	64QAM	25	12	13.62	13.55	13.63		
10	64QAM	25	25	13.66	13.61	13.57		
10	64QAM	50	0	13.52	13.55	13.61		
10	256QAM	1	0	13.56	13.51	13.58	15	0
10	256QAM	1	25	13.50	13.55	13.50		
10	256QAM	1	49	13.53	13.53	13.57		
10	256QAM	25	0	13.60	13.54	13.61	15	0
10	256QAM	25	12	13.63	13.66	13.58		
10	256QAM	25	25	13.55	13.62	13.57		
10	256QAM	50	0	13.57	13.63	13.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.58	13.66	13.61	15	0
5	QPSK	1	12	13.54	13.56	13.48		
5	QPSK	1	24	13.57	13.52	13.51		
5	QPSK	12	0	13.55	13.66	13.57	15	0
5	QPSK	12	7	13.68	13.60	13.58		
5	QPSK	12	13	13.55	13.52	13.50		
5	QPSK	25	0	13.56	13.58	13.64		
5	16QAM	1	0	13.59	13.59	13.58	15	0
5	16QAM	1	12	13.60	13.53	13.53		
5	16QAM	1	24	13.60	13.66	13.63		
5	16QAM	12	0	13.54	13.61	13.67	15	0
5	16QAM	12	7	13.58	13.61	13.48		
5	16QAM	12	13	13.63	13.58	13.62		
5	16QAM	25	0	13.50	13.50	13.50		
5	64QAM	1	0	13.61	13.59	13.49	15	0
5	64QAM	1	12	13.55	13.52	13.65		
5	64QAM	1	24	13.62	13.55	13.64		
5	64QAM	12	0	13.48	13.54	13.47	15	0
5	64QAM	12	7	13.60	13.52	13.52		
5	64QAM	12	13	13.61	13.65	13.65		
5	64QAM	25	0	13.58	13.49	13.48		
5	256QAM	1	0	13.49	13.53	13.50	15	0
5	256QAM	1	12	13.59	13.55	13.53		
5	256QAM	1	24	13.60	13.55	13.61		
5	256QAM	12	0	13.49	13.49	13.60	15	0
5	256QAM	12	7	13.66	13.60	13.57		
5	256QAM	12	13	13.57	13.59	13.53		
5	256QAM	25	0	13.55	13.61	13.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.65	13.67	13.63	15	0
3	QPSK	1	8	13.61	13.58	13.53		
3	QPSK	1	14	13.61	13.51	13.53		
3	QPSK	8	0	13.62	13.63	13.61	15	0
3	QPSK	8	4	13.56	13.65	13.59		
3	QPSK	8	7	13.59	13.62	13.61		
3	QPSK	15	0	13.63	13.61	13.68		
3	16QAM	1	0	13.61	13.59	13.56	15	0
3	16QAM	1	8	13.58	13.50	13.56		
3	16QAM	1	14	13.58	13.59	13.67		
3	16QAM	8	0	13.68	13.66	13.61	15	0
3	16QAM	8	4	13.54	13.52	13.53		
3	16QAM	8	7	13.59	13.67	13.64		
3	16QAM	15	0	13.47	13.51	13.60		
3	64QAM	1	0	13.60	13.51	13.59	15	0
3	64QAM	1	8	13.60	13.62	13.59		
3	64QAM	1	14	13.54	13.55	13.67		
3	64QAM	8	0	13.57	13.52	13.47	15	0
3	64QAM	8	4	13.53	13.64	13.54		
3	64QAM	8	7	13.58	13.60	13.65		
3	64QAM	15	0	13.49	13.59	13.50		
3	256QAM	1	0	13.56	13.59	13.50	15	0
3	256QAM	1	8	13.57	13.58	13.60		
3	256QAM	1	14	13.58	13.64	13.66		
3	256QAM	8	0	13.61	13.53	13.49	15	0
3	256QAM	8	4	13.64	13.59	13.66		
3	256QAM	8	7	13.51	13.64	13.54		
3	256QAM	15	0	13.56	13.54	13.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.68	13.58	13.64	15	0
1.4	QPSK	1	3	13.54	13.49	13.58		
1.4	QPSK	1	5	13.55	13.56	13.49		
1.4	QPSK	3	0	13.61	13.69	13.60		
1.4	QPSK	3	1	13.59	13.66	13.62		
1.4	QPSK	3	3	13.50	13.57	13.62		
1.4	QPSK	6	0	13.66	13.54	13.65	15	0
1.4	16QAM	1	0	13.52	13.55	13.53	15	0
1.4	16QAM	1	3	13.59	13.63	13.61		
1.4	16QAM	1	5	13.62	13.60	13.62		
1.4	16QAM	3	0	13.54	13.55	13.65		
1.4	16QAM	3	1	13.59	13.60	13.52		
1.4	16QAM	3	3	13.63	13.54	13.53		
1.4	16QAM	6	0	13.60	13.60	13.51	15	0
1.4	64QAM	1	0	13.52	13.50	13.57	15	0
1.4	64QAM	1	3	13.58	13.61	13.64		
1.4	64QAM	1	5	13.67	13.55	13.54		
1.4	64QAM	3	0	13.55	13.58	13.54		
1.4	64QAM	3	1	13.57	13.58	13.60		
1.4	64QAM	3	3	13.54	13.57	13.55		
1.4	64QAM	6	0	13.60	13.59	13.47	15	0
1.4	256QAM	1	0	13.48	13.54	13.57	15	0
1.4	256QAM	1	3	13.54	13.58	13.51		
1.4	256QAM	1	5	13.57	13.61	13.57		
1.4	256QAM	3	0	13.54	13.52	13.60		
1.4	256QAM	3	1	13.59	13.55	13.58		
1.4	256QAM	3	3	13.53	13.56	13.56		
1.4	256QAM	6	0	13.58	13.55	13.52	15	0

Band 4_Ant 3

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	15.83	16.16	16.03	17.5	0
20	QPSK	1	49	15.59	15.82	15.86		
20	QPSK	1	99	15.52	15.87	15.75		
20	QPSK	50	0	15.70	16.08	15.99	17.5	0
20	QPSK	50	24	15.58	15.94	15.88		
20	QPSK	50	50	15.69	16.06	15.98		
20	QPSK	100	0	15.77	16.08	16.07		
20	16QAM	1	0	15.70	15.93	15.98	17.5	0
20	16QAM	1	49	15.59	16.02	15.95		
20	16QAM	1	99	15.71	16.11	15.98		
20	16QAM	50	0	15.76	16.04	16.06	17.5	0
20	16QAM	50	24	15.59	15.98	15.96		
20	16QAM	50	50	15.75	15.94	16.02		
20	16QAM	100	0	15.74	16.05	15.91		
20	64QAM	1	0	15.79	16.00	16.03	17.5	0
20	64QAM	1	49	15.72	15.99	15.93		
20	64QAM	1	99	15.75	16.03	15.98		
20	64QAM	50	0	15.61	16.09	15.98	17.5	0
20	64QAM	50	24	15.59	15.97	15.96		
20	64QAM	50	50	15.66	16.05	16.00		
20	64QAM	100	0	15.82	15.93	15.85		
20	256QAM	1	0	15.78	16.00	16.10	17.5	0
20	256QAM	1	49	15.67	15.95	15.93		
20	256QAM	1	99	15.60	16.07	16.01		
20	256QAM	50	0	15.82	15.95	15.95	17.5	0
20	256QAM	50	24	15.72	15.96	15.99		
20	256QAM	50	50	15.73	16.13	15.91		
20	256QAM	100	0	15.82	15.97	15.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.73	16.02	15.96	17.5	0
15	QPSK	1	37	15.62	15.82	15.98		
15	QPSK	1	74	15.65	15.85	15.86		
15	QPSK	36	0	15.66	16.15	16.03	17.5	0
15	QPSK	36	20	15.75	16.06	15.90		
15	QPSK	36	39	15.62	15.95	15.95		
15	QPSK	75	0	15.81	15.97	16.09		
15	16QAM	1	0	15.61	15.91	16.01	17.5	0
15	16QAM	1	37	15.75	15.98	16.08		
15	16QAM	1	74	15.67	16.03	15.87		
15	16QAM	36	0	15.70	16.09	16.06	17.5	0
15	16QAM	36	20	15.74	15.92	15.97		
15	16QAM	36	39	15.65	16.09	16.02		
15	16QAM	75	0	15.78	16.05	16.03		
15	64QAM	1	0	15.75	15.91	16.02	17.5	0
15	64QAM	1	37	15.67	16.02	15.87		
15	64QAM	1	74	15.73	16.01	16.02		
15	64QAM	36	0	15.66	16.07	16.04	17.5	0
15	64QAM	36	20	15.75	15.94	16.07		
15	64QAM	36	39	15.62	16.08	15.94		
15	64QAM	75	0	15.77	15.98	15.97		
15	256QAM	1	0	15.73	16.02	16.01	17.5	0
15	256QAM	1	37	15.62	15.96	15.95		
15	256QAM	1	74	15.62	16.08	15.89		
15	256QAM	36	0	15.63	16.07	15.98	17.5	0
15	256QAM	36	20	15.66	15.97	16.00		
15	256QAM	36	39	15.79	16.13	16.05		
15	256QAM	75	0	15.76	16.05	15.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.73	16.02	15.96	17.5	0
10	QPSK	1	25	15.62	15.82	15.98		
10	QPSK	1	49	15.65	15.85	15.86		
10	QPSK	25	0	15.66	16.15	16.03	17.5	0
10	QPSK	25	12	15.75	16.06	15.90		
10	QPSK	25	25	15.62	15.95	15.95		
10	QPSK	50	0	15.81	15.97	16.09		
10	16QAM	1	0	15.61	15.91	16.01	17.5	0
10	16QAM	1	25	15.75	15.98	16.08		
10	16QAM	1	49	15.67	16.03	15.87		
10	16QAM	25	0	15.70	16.09	16.06	17.5	0
10	16QAM	25	12	15.74	15.92	15.97		
10	16QAM	25	25	15.65	16.09	16.02		
10	16QAM	50	0	15.78	16.05	16.03		
10	64QAM	1	0	15.75	15.91	16.02	17.5	0
10	64QAM	1	25	15.67	16.02	15.87		
10	64QAM	1	49	15.73	16.01	16.02		
10	64QAM	25	0	15.66	16.07	16.04	17.5	0
10	64QAM	25	12	15.75	15.94	16.07		
10	64QAM	25	25	15.62	16.08	15.94		
10	64QAM	50	0	15.77	15.98	15.97		
10	256QAM	1	0	15.73	16.02	16.01	17.5	0
10	256QAM	1	25	15.62	15.96	15.95		
10	256QAM	1	49	15.62	16.08	15.89		
10	256QAM	25	0	15.63	16.07	15.98	17.5	0
10	256QAM	25	12	15.66	15.97	16.00		
10	256QAM	25	25	15.79	16.13	16.05		
10	256QAM	50	0	15.76	16.05	15.86		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.72	16.06	16.12	17.5	0
5	QPSK	1	12	15.56	15.80	15.90		
5	QPSK	1	24	15.62	15.70	15.87		
5	QPSK	12	0	15.59	16.06	15.89	17.5	0
5	QPSK	12	7	15.59	16.11	15.96		
5	QPSK	12	13	15.78	15.96	15.98		
5	QPSK	25	0	15.64	16.06	15.94		
5	16QAM	1	0	15.66	16.02	16.02	17.5	0
5	16QAM	1	12	15.57	16.03	16.03		
5	16QAM	1	24	15.66	15.97	15.89		
5	16QAM	12	0	15.73	16.05	16.07	17.5	0
5	16QAM	12	7	15.68	16.03	16.02		
5	16QAM	12	13	15.62	15.93	15.93		
5	16QAM	25	0	15.77	15.98	15.94		
5	64QAM	1	0	15.77	15.95	16.07	17.5	0
5	64QAM	1	12	15.65	15.95	16.02		
5	64QAM	1	24	15.74	15.91	15.98		
5	64QAM	12	0	15.65	15.96	15.98	17.5	0
5	64QAM	12	7	15.76	16.02	15.90		
5	64QAM	12	13	15.60	16.12	16.00		
5	64QAM	25	0	15.76	16.00	15.97		
5	256QAM	1	0	15.64	16.05	15.99	17.5	0
5	256QAM	1	12	15.74	15.95	15.99		
5	256QAM	1	24	15.64	15.94	15.98		
5	256QAM	12	0	15.76	15.96	15.89	17.5	0
5	256QAM	12	7	15.62	15.89	15.85		
5	256QAM	12	13	15.77	16.05	16.06		
5	256QAM	25	0	15.71	15.95	16.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.79	16.05	16.10	17.5	0
3	QPSK	1	8	15.56	15.79	15.95		
3	QPSK	1	14	15.65	15.66	15.99		
3	QPSK	8	0	15.70	16.14	15.93	17.5	0
3	QPSK	8	4	15.69	16.06	15.89		
3	QPSK	8	7	15.66	16.04	15.89		
3	QPSK	15	0	15.80	16.03	16.07		
3	16QAM	1	0	15.74	16.04	16.02	17.5	0
3	16QAM	1	8	15.76	16.08	15.91		
3	16QAM	1	14	15.62	15.96	15.99		
3	16QAM	8	0	15.62	16.13	15.91	17.5	0
3	16QAM	8	4	15.68	16.05	16.03		
3	16QAM	8	7	15.60	16.03	15.87		
3	16QAM	15	0	15.74	16.10	15.97		
3	64QAM	1	0	15.80	15.92	16.10	17.5	0
3	64QAM	1	8	15.72	16.10	15.92		
3	64QAM	1	14	15.61	16.00	16.00		
3	64QAM	8	0	15.65	15.93	16.07	17.5	0
3	64QAM	8	4	15.60	16.06	15.92		
3	64QAM	8	7	15.54	16.05	15.91		
3	64QAM	15	0	15.63	16.05	15.90		
3	256QAM	1	0	15.74	15.92	16.07	17.5	0
3	256QAM	1	8	15.80	16.02	16.03		
3	256QAM	1	14	15.71	15.97	15.99		
3	256QAM	8	0	15.66	15.93	16.01	17.5	0
3	256QAM	8	4	15.66	15.99	15.89		
3	256QAM	8	7	15.78	16.10	15.86		
3	256QAM	15	0	15.78	15.99	15.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.50	15.83	15.98	17.5	0
1.4	QPSK	1	3	15.52	15.69	15.85		
1.4	QPSK	1	5	15.50	15.65	15.96		
1.4	QPSK	3	0	15.75	15.95	15.85		
1.4	QPSK	3	1	15.67	15.97	15.97		
1.4	QPSK	3	3	15.74	16.07	15.99		
1.4	QPSK	6	0	15.67	15.93	15.99	17.5	0
1.4	16QAM	1	0	15.61	15.98	15.96	17.5	0
1.4	16QAM	1	3	15.75	15.98	15.93		
1.4	16QAM	1	5	15.73	16.08	15.93		
1.4	16QAM	3	0	15.56	15.99	15.93		
1.4	16QAM	3	1	15.63	16.09	15.96		
1.4	16QAM	3	3	15.70	16.00	16.08		
1.4	16QAM	6	0	15.59	15.94	15.95	17.5	0
1.4	64QAM	1	0	15.77	16.02	15.98	17.5	0
1.4	64QAM	1	3	15.71	16.05	16.03		
1.4	64QAM	1	5	15.60	16.07	15.94		
1.4	64QAM	3	0	15.73	16.05	15.95		
1.4	64QAM	3	1	15.70	15.97	15.99		
1.4	64QAM	3	3	15.75	15.95	15.99		
1.4	64QAM	6	0	15.76	15.97	15.99	17.5	0
1.4	256QAM	1	0	15.64	16.08	15.96	17.5	0
1.4	256QAM	1	3	15.73	16.06	15.92		
1.4	256QAM	1	5	15.70	15.96	16.05		
1.4	256QAM	3	0	15.64	16.09	16.02		
1.4	256QAM	3	1	15.69	16.06	15.97		
1.4	256QAM	3	3	15.58	15.92	15.87		
1.4	256QAM	6	0	15.71	16.06	15.90	17.5	0

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.96	24.03	23.97	25	0
10	QPSK	1	25	23.74	23.95	23.75		
10	QPSK	1	49	23.77	23.88	23.74		
10	QPSK	25	0	22.88	22.89	22.78	24	1
10	QPSK	25	12	22.81	22.82	22.77		
10	QPSK	25	25	22.74	22.85	22.75		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	23.03	22.81	23.29	24	1
10	16QAM	1	25	22.93	23.00	22.79		
10	16QAM	1	49	23.37	22.95	23.29		
10	16QAM	25	0	21.78	21.81	21.80	23	2
10	16QAM	25	12	21.86	21.88	21.71		
10	16QAM	25	25	21.88	21.69	21.67		
10	16QAM	50	0	21.89	21.83	21.79		
10	64QAM	1	0	21.89	21.94	22.14	23	2
10	64QAM	1	25	22.07	22.17	21.74		
10	64QAM	1	49	21.92	22.12	22.07		
10	64QAM	25	0	20.83	20.84	20.73	22	3
10	64QAM	25	12	20.83	20.87	20.84		
10	64QAM	25	25	20.83	20.72	20.66		
10	64QAM	50	0	20.84	20.79	20.74		
10	256QAM	1	0	18.82	18.93	18.88	20	5
10	256QAM	1	25	18.86	18.86	18.96		
10	256QAM	1	49	18.82	18.89	18.86		
10	256QAM	25	0	18.81	18.72	18.64	20	5
10	256QAM	25	12	18.79	18.72	18.78		
10	256QAM	25	25	18.55	18.69	18.61		
10	256QAM	50	0	18.71	18.65	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.79	23.87	23.66	25	0
5	QPSK	1	12	23.84	23.86	23.63		
5	QPSK	1	24	23.89	23.83	23.88		
5	QPSK	12	0	22.89	22.86	22.80	24	1
5	QPSK	12	7	22.82	22.83	22.79		
5	QPSK	12	13	22.81	22.73	22.72		
5	QPSK	25	0	22.86	22.83	22.84		
5	16QAM	1	0	23.20	22.88	22.90	24	1
5	16QAM	1	12	22.95	22.83	23.31		
5	16QAM	1	24	22.74	22.80	22.95		
5	16QAM	12	0	21.87	21.85	21.78	23	2
5	16QAM	12	7	21.84	21.88	21.74		
5	16QAM	12	13	21.81	21.78	21.82		
5	16QAM	25	0	21.93	21.81	21.79		
5	64QAM	1	0	22.17	21.68	21.54	23	2
5	64QAM	1	12	21.94	21.59	22.01		
5	64QAM	1	24	21.95	21.62	22.05		
5	64QAM	12	0	21.00	20.86	20.78	22	3
5	64QAM	12	7	20.85	20.86	20.78		
5	64QAM	12	13	20.85	20.84	20.87		
5	64QAM	25	0	20.81	20.80	20.69		
5	256QAM	1	0	18.88	18.95	18.73	20	5
5	256QAM	1	12	18.79	18.77	18.85		
5	256QAM	1	24	18.81	18.81	18.72		
5	256QAM	12	0	18.86	18.73	18.62	20	5
5	256QAM	12	7	18.78	18.69	18.79		
5	256QAM	12	13	18.45	18.58	18.52		
5	256QAM	25	0	18.60	18.54	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.83	23.94	23.89	25	0
3	QPSK	1	8	23.67	23.94	23.67		
3	QPSK	1	14	23.67	23.86	23.66		
3	QPSK	8	0	22.85	22.79	22.73	24	1
3	QPSK	8	4	22.80	22.62	22.71		
3	QPSK	8	7	22.72	22.76	22.75		
3	QPSK	15	0	22.80	22.84	22.75		
3	16QAM	1	0	22.89	22.70	23.19	24	1
3	16QAM	1	8	22.87	22.91	22.71		
3	16QAM	1	14	23.21	22.84	23.29		
3	16QAM	8	0	21.69	21.74	21.74	23	2
3	16QAM	8	4	21.73	21.75	21.52		
3	16QAM	8	7	21.88	21.69	21.66		
3	16QAM	15	0	21.84	21.70	21.76		
3	64QAM	1	0	21.84	21.83	22.14	23	2
3	64QAM	1	8	21.91	22.09	21.58		
3	64QAM	1	14	21.92	21.95	22.01		
3	64QAM	8	0	20.80	20.70	20.61	22	3
3	64QAM	8	4	20.77	20.73	20.75		
3	64QAM	8	7	20.71	20.67	20.53		
3	64QAM	15	0	20.71	20.63	20.57		
3	256QAM	1	0	18.89	18.83	18.84	20	5
3	256QAM	1	8	18.96	18.91	18.95		
3	256QAM	1	14	18.87	18.88	18.85		
3	256QAM	8	0	18.69	18.81	18.60	20	5
3	256QAM	8	4	18.78	18.75	18.72		
3	256QAM	8	7	18.62	18.72	18.66		
3	256QAM	15	0	18.79	18.54	18.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.76	23.84	23.71	25	0
1.4	QPSK	1	3	23.90	23.82	23.80		
1.4	QPSK	1	5	23.92	23.78	23.72		
1.4	QPSK	3	0	23.81	23.79	23.70		
1.4	QPSK	3	1	23.80	23.73	23.74		
1.4	QPSK	3	3	23.82	23.78	23.78		
1.4	QPSK	6	0	22.78	22.77	22.70	24	1
1.4	16QAM	1	0	22.91	23.24	22.89	24	1
1.4	16QAM	1	3	22.95	22.94	22.95		
1.4	16QAM	1	5	22.97	22.75	22.99		
1.4	16QAM	3	0	22.97	22.62	22.61		
1.4	16QAM	3	1	22.96	22.58	22.67		
1.4	16QAM	3	3	22.97	22.84	22.73		
1.4	16QAM	6	0	21.85	21.80	21.83	23	2
1.4	64QAM	1	0	21.90	21.98	21.87	23	2
1.4	64QAM	1	3	21.78	21.76	21.86		
1.4	64QAM	1	5	21.87	22.06	21.89		
1.4	64QAM	3	0	21.98	21.76	21.84		
1.4	64QAM	3	1	21.97	21.75	21.95		
1.4	64QAM	3	3	21.97	21.89	21.94		
1.4	64QAM	6	0	20.78	20.64	20.80	22	3
1.4	256QAM	1	0	18.92	18.88	18.94	20	5
1.4	256QAM	1	3	18.74	18.71	18.91		
1.4	256QAM	1	5	18.86	18.75	18.86		
1.4	256QAM	3	0	18.71	18.68	18.50		
1.4	256QAM	3	1	18.65	18.71	18.75		
1.4	256QAM	3	3	18.42	18.72	18.64		
1.4	256QAM	6	0	18.67	18.56	18.59	20	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.77	23.83	23.72	25	0
10	QPSK	1	25	23.64	23.60	23.67		
10	QPSK	25	49	23.56	23.59	23.59		
10	QPSK	25	0	22.67	22.71	22.69	24	1
10	QPSK	25	12	22.65	22.64	22.64		
10	QPSK	25	25	22.58	22.66	22.65		
10	QPSK	50	0	22.66	22.67	22.64		
10	16QAM	1	0	23.14	22.76	23.19	24	1
10	16QAM	1	25	22.86	22.79	23.16		
10	16QAM	1	49	23.20	22.96	22.84		
10	16QAM	25	0	21.54	21.63	21.64	23	2
10	16QAM	25	12	21.70	21.64	21.63		
10	16QAM	25	25	21.65	21.64	21.62		
10	16QAM	50	0	21.67	21.70	21.65		
10	64QAM	1	0	21.66	21.61	21.56	23	2
10	64QAM	1	25	21.81	21.53	21.88		
10	64QAM	1	49	22.00	22.04	21.72		
10	64QAM	25	0	20.64	20.61	20.62	22	3
10	64QAM	25	12	20.58	20.55	20.64		
10	64QAM	25	25	20.72	20.58	20.68		
10	64QAM	50	0	20.64	20.64	20.62		
10	256QAM	1	0	18.93	18.88	18.95	20	5
10	256QAM	1	25	19.09	19.01	19.06		
10	256QAM	1	49	18.81	18.88	18.87		
10	256QAM	25	0	18.76	18.80	18.83	20	5
10	256QAM	25	12	18.74	18.73	18.80		
10	256QAM	25	25	18.67	18.76	18.62		
10	256QAM	50	0	18.71	18.76	18.77		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.54	23.64	23.53	25	0
5	QPSK	1	12	23.77	23.56	23.67		
5	QPSK	1	24	23.64	23.64	23.61		
5	QPSK	12	0	22.58	22.62	22.69	24	1
5	QPSK	12	7	22.62	22.65	22.69		
5	QPSK	12	13	22.66	22.64	22.68		
5	QPSK	25	0	22.66	22.68	22.69		
5	16QAM	1	0	23.18	23.13	23.12	24	1
5	16QAM	1	12	22.87	22.80	22.81		
5	16QAM	1	24	22.73	23.14	23.13		
5	16QAM	12	0	21.81	21.75	21.70	23	2
5	16QAM	12	7	21.82	21.68	21.68		
5	16QAM	12	13	21.68	21.72	21.70		
5	16QAM	25	0	21.59	21.67	21.67		
5	64QAM	1	0	21.93	21.95	21.83	23	2
5	64QAM	1	12	21.68	22.10	21.73		
5	64QAM	1	24	21.88	21.65	21.44		
5	64QAM	12	0	20.64	20.59	20.72	22	3
5	64QAM	12	7	20.77	20.73	20.66		
5	64QAM	12	13	20.73	20.63	20.65		
5	64QAM	25	0	20.61	20.71	20.62		
5	256QAM	1	0	19.03	18.94	18.89	20	5
5	256QAM	1	12	19.13	19.04	19.03		
5	256QAM	1	24	18.86	18.93	18.75		
5	256QAM	12	0	18.66	18.88	18.86	20	5
5	256QAM	12	7	18.72	18.66	18.73		
5	256QAM	12	13	18.69	18.62	18.65		
5	256QAM	25	0	18.70	18.76	18.75		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.82	23.63	25	0
3	QPSK	1	8	23.59	23.50	23.57		
3	QPSK	1	14	23.48	23.56	23.48		
3	QPSK	8	0	22.57	22.68	22.53	24	1
3	QPSK	8	4	22.58	22.55	22.52		
3	QPSK	8	7	22.51	22.48	22.46		
3	QPSK	15	0	22.65	22.58	22.59		
3	16QAM	1	0	23.06	22.61	23.00	24	1
3	16QAM	1	8	22.70	22.67	22.96		
3	16QAM	1	14	23.14	22.79	22.65		
3	16QAM	8	0	21.53	21.53	21.62	23	2
3	16QAM	8	4	21.68	21.51	21.44		
3	16QAM	8	7	21.60	21.50	21.47		
3	16QAM	15	0	21.49	21.63	21.61		
3	64QAM	1	0	21.63	21.60	21.96	23	2
3	64QAM	1	8	21.69	21.38	21.73		
3	64QAM	1	14	21.96	21.95	21.60		
3	64QAM	8	0	20.54	20.61	20.60	22	3
3	64QAM	8	4	20.59	20.38	20.57		
3	64QAM	8	7	20.69	20.57	20.62		
3	64QAM	15	0	20.48	20.50	20.43		
3	256QAM	1	0	19.00	18.79	18.90	20	5
3	256QAM	1	8	19.06	19.09	18.93		
3	256QAM	1	14	18.73	18.91	18.77		
3	256QAM	8	0	18.85	18.69	18.77	20	5
3	256QAM	8	4	18.75	18.61	18.84		
3	256QAM	8	7	18.65	18.63	18.53		
3	256QAM	15	0	18.72	18.62	18.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.56	23.53	23.55	25	0
1.4	QPSK	1	3	23.60	23.55	23.55		
1.4	QPSK	1	5	23.71	23.65	23.56		
1.4	QPSK	3	0	23.53	23.57	23.53		
1.4	QPSK	3	1	23.60	23.67	23.55		
1.4	QPSK	3	3	23.58	23.63	23.57		
1.4	QPSK	6	0	22.57	22.56	22.51	24	1
1.4	16QAM	1	0	23.15	22.80	23.08	24	1
1.4	16QAM	1	3	22.75	22.67	22.74		
1.4	16QAM	1	5	23.16	22.87	22.68		
1.4	16QAM	3	0	22.55	22.50	22.51		
1.4	16QAM	3	1	22.46	22.48	22.55		
1.4	16QAM	3	3	22.58	22.62	22.57		
1.4	16QAM	6	0	21.66	21.56	21.57	23	2
1.4	64QAM	1	0	21.67	21.98	21.41	23	2
1.4	64QAM	1	3	21.85	21.91	21.57		
1.4	64QAM	1	5	21.88	21.89	21.63		
1.4	64QAM	3	0	21.74	21.74	21.45		
1.4	64QAM	3	1	21.89	21.43	21.74		
1.4	64QAM	3	3	21.83	21.36	21.41		
1.4	64QAM	6	0	20.53	20.57	20.49	22	3
1.4	256QAM	1	0	18.87	18.81	18.99	20	5
1.4	256QAM	1	3	19.00	18.88	19.02		
1.4	256QAM	1	5	18.76	18.94	18.76		
1.4	256QAM	3	0	18.69	18.86	18.82		
1.4	256QAM	3	1	18.68	18.83	18.65		
1.4	256QAM	3	3	18.53	18.85	18.47		
1.4	256QAM	6	0	18.78	18.70	18.82	20	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.93			
10	QPSK	25	0		22.91		24	1
10	QPSK	25	12		22.82			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.87			
10	16QAM	1	0		23.04		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.43			
10	16QAM	25	0		21.76		23	2
10	16QAM	25	12		21.95			
10	16QAM	25	25		21.90			
10	16QAM	50	0		21.84			
10	64QAM	1	0		22.09		23	2
10	64QAM	1	25		21.68			
10	64QAM	1	49		22.23			
10	64QAM	25	0		20.85		22	3
10	64QAM	25	12		20.92			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.88			
10	256QAM	1	0		18.95		20	5
10	256QAM	1	25		18.89			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.77		20	5
10	256QAM	25	12		18.80			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.82			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.78	24.01	23.88	25	0
5	QPSK	1	12	23.92	23.91	23.91		
5	QPSK	1	24	23.97	23.89	23.87		
5	QPSK	12	0	22.87	22.88	22.91	24	1
5	QPSK	12	7	22.89	22.90	22.88		
5	QPSK	12	13	22.88	22.89	22.89		
5	QPSK	25	0	22.93	22.88	22.92		
5	16QAM	1	0	22.93	23.33	23.02	24	1
5	16QAM	1	12	23.05	23.13	23.36		
5	16QAM	1	24	23.39	23.12	23.32		
5	16QAM	12	0	21.82	21.92	21.95	23	2
5	16QAM	12	7	21.92	21.96	21.82		
5	16QAM	12	13	21.93	21.86	21.80		
5	16QAM	25	0	21.89	21.92	21.96		
5	64QAM	1	0	22.12	22.11	22.18	23	2
5	64QAM	1	12	22.06	22.17	22.14		
5	64QAM	1	24	22.15	21.73	22.13		
5	64QAM	12	0	20.90	20.90	21.01	22	3
5	64QAM	12	7	20.91	20.98	20.85		
5	64QAM	12	13	20.94	20.95	20.95		
5	64QAM	25	0	20.91	20.89	20.94		
5	256QAM	1	0	18.82	18.98	18.85	20	5
5	256QAM	1	12	18.95	18.97	18.80		
5	256QAM	1	24	19.04	18.95	19.02		
5	256QAM	12	0	18.83	18.84	18.77	20	5
5	256QAM	12	7	18.79	18.67	18.71		
5	256QAM	12	13	18.65	18.80	18.75		
5	256QAM	25	0	18.87	18.80	18.80		

Band 30_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.03		13	0
10	QPSK	1	25		11.94			
10	QPSK	1	49		11.99			
10	QPSK	25	0		12.00		13	0
10	QPSK	25	12		11.96			
10	QPSK	25	25		11.97			
10	QPSK	50	0		11.94			
10	16QAM	1	0		11.99		13	0
10	16QAM	1	25		11.97			
10	16QAM	1	49		11.97			
10	16QAM	25	0		11.91		13	0
10	16QAM	25	12		11.97			
10	16QAM	25	25		11.97			
10	16QAM	50	0		11.94			
10	64QAM	1	0		11.98		13	0
10	64QAM	1	25		11.99			
10	64QAM	1	49		11.92			
10	64QAM	25	0		11.95		13	0
10	64QAM	25	12		11.96			
10	64QAM	25	25		11.97			
10	64QAM	50	0		11.90			
10	256QAM	1	0		11.91		13	0
10	256QAM	1	25		11.94			
10	256QAM	1	49		11.90			
10	256QAM	25	0		11.90		13	0
10	256QAM	25	12		11.90			
10	256QAM	25	25		11.94			
10	256QAM	50	0		11.97			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.01	12.01	12.02	13	0
5	QPSK	1	12	11.88	11.90	11.88		
5	QPSK	1	24	11.88	11.87	11.91		
5	QPSK	12	0	11.96	11.91	11.94	13	0
5	QPSK	12	7	11.86	11.89	11.86		
5	QPSK	12	13	11.86	11.88	11.85		
5	QPSK	25	0	11.82	11.81	11.87		
5	16QAM	1	0	11.96	11.90	11.98	13	0
5	16QAM	1	12	11.87	11.90	11.92		
5	16QAM	1	24	11.83	11.94	11.86		
5	16QAM	12	0	11.88	11.83	11.76	13	0
5	16QAM	12	7	11.82	11.89	11.83		
5	16QAM	12	13	11.83	11.84	11.82		
5	16QAM	25	0	11.81	11.83	11.79		
5	64QAM	1	0	11.92	11.90	11.93	13	0
5	64QAM	1	12	11.94	11.89	11.93		
5	64QAM	1	24	11.79	11.88	11.84		
5	64QAM	12	0	11.84	11.85	11.87	13	0
5	64QAM	12	7	11.84	11.82	11.82		
5	64QAM	12	13	11.69	11.93	11.94		
5	64QAM	25	0	11.83	11.88	11.80		
5	256QAM	1	0	11.85	11.88	11.86	13	0
5	256QAM	1	12	11.82	11.80	11.82		
5	256QAM	1	24	11.80	11.80	11.87		
5	256QAM	12	0	11.78	11.82	11.76	13	0
5	256QAM	12	7	11.81	11.81	11.88		
5	256QAM	12	13	11.86	11.82	11.88		
5	256QAM	25	0	11.88	11.83	11.86		

Band 30_Ant 2(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.88		16	0
10	QPSK	1	25		14.83			
10	QPSK	1	49		14.80			
10	QPSK	25	0		14.80		16	0
10	QPSK	25	12		14.70			
10	QPSK	25	25		14.72			
10	QPSK	50	0		14.73			
10	16QAM	1	0		14.78		16	0
10	16QAM	1	25		14.79			
10	16QAM	1	49		14.76			
10	16QAM	25	0		14.76		16	0
10	16QAM	25	12		14.74			
10	16QAM	25	25		14.72			
10	16QAM	50	0		14.71			
10	64QAM	1	0		14.70		16	0
10	64QAM	1	25		14.74			
10	64QAM	1	49		14.75			
10	64QAM	25	0		14.74		16	0
10	64QAM	25	12		14.78			
10	64QAM	25	25		14.72			
10	64QAM	50	0		14.75			
10	256QAM	1	0		14.75		16	0
10	256QAM	1	25		14.73			
10	256QAM	1	49		14.77			
10	256QAM	25	0		14.78		16	0
10	256QAM	25	12		14.73			
10	256QAM	25	25		14.77			
10	256QAM	50	0		14.78			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.74	14.82	14.86	16	0
5	QPSK	1	12	14.78	14.72	14.77		
5	QPSK	1	24	14.69	14.65	14.71		
5	QPSK	12	0	14.73	14.68	14.77	16	0
5	QPSK	12	7	14.61	14.60	14.58		
5	QPSK	12	13	14.69	14.67	14.60		
5	QPSK	25	0	14.65	14.64	14.68		
5	16QAM	1	0	14.68	14.70	14.74	16	0
5	16QAM	1	12	14.69	14.69	14.68		
5	16QAM	1	24	14.74	14.75	14.63		
5	16QAM	12	0	14.61	14.62	14.66	16	0
5	16QAM	12	7	14.72	14.63	14.63		
5	16QAM	12	13	14.62	14.70	14.59		
5	16QAM	25	0	14.61	14.59	14.69		
5	64QAM	1	0	14.62	14.61	14.58	16	0
5	64QAM	1	12	14.70	14.59	14.62		
5	64QAM	1	24	14.60	14.66	14.67		
5	64QAM	12	0	14.71	14.60	14.62	16	0
5	64QAM	12	7	14.76	14.76	14.69		
5	64QAM	12	13	14.61	14.69	14.71		
5	64QAM	25	0	14.73	14.61	14.74		
5	256QAM	1	0	14.64	14.60	14.68	16	0
5	256QAM	1	12	14.72	14.70	14.59		
5	256QAM	1	24	14.70	14.67	14.71		
5	256QAM	12	0	14.67	14.73	14.66	16	0
5	256QAM	12	7	14.72	14.72	14.61		
5	256QAM	12	13	14.65	14.68	14.64		
5	256QAM	25	0	14.75	14.72	14.63		

Band 66_Ant 3

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		
21.82 20	QPSK	1	0	16.18	16.25	16.21	17.5	0
20	QPSK	1	49	16.09	16.19	16.16		
20	QPSK	1	99	16.07	16.15	16.15		
20	QPSK	50	0	16.07	16.17	16.15	17.5	0
20	QPSK	50	24	15.97	16.12	16.09		
20	QPSK	50	50	16.00	16.11	16.06		
20	QPSK	100	0	16.05	16.09	16.05		
20	16QAM	1	0	16.06	16.15	16.06	17.5	0
20	16QAM	1	49	16.04	16.10	16.12		
20	16QAM	1	99	16.06	16.12	16.13		
20	16QAM	50	0	16.05	16.15	16.10	17.5	0
20	16QAM	50	24	16.04	16.14	16.08		
20	16QAM	50	50	16.01	16.16	16.07		
20	16QAM	100	0	16.00	16.09	16.05		
20	64QAM	1	0	15.97	16.10	16.09	17.5	0
20	64QAM	1	49	16.00	16.13	16.09		
20	64QAM	1	99	16.00	16.14	16.07		
20	64QAM	50	0	15.97	16.15	16.07	17.5	0
20	64QAM	50	24	15.97	16.10	16.14		
20	64QAM	50	50	15.97	16.09	16.09		
20	64QAM	100	0	15.99	16.15	16.12		
20	256QAM	1	0	16.00	16.11	16.10	17.5	0
20	256QAM	1	49	16.02	16.12	16.12		
20	256QAM	1	99	16.00	16.10	16.12		
20	256QAM	50	0	15.98	16.12	16.10	17.5	0
20	256QAM	50	24	16.01	16.13	16.09		
20	256QAM	50	50	15.97	16.14	16.05		
20	256QAM	100	0	16.04	16.08	16.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.23	16.11	16.16	17.5	0
15	QPSK	1	37	16.10	16.04	16.04		
15	QPSK	1	74	16.05	16.02	16.13		
15	QPSK	36	0	16.06	16.06	16.16	17.5	0
15	QPSK	36	20	16.04	16.05	16.04		
15	QPSK	36	39	16.05	16.07	16.04		
15	QPSK	75	0	16.02	15.97	16.01		
15	16QAM	1	0	16.05	16.05	16.03	17.5	0
15	16QAM	1	37	16.02	15.99	15.98		
15	16QAM	1	74	16.02	16.03	16.07		
15	16QAM	36	0	16.04	16.06	16.11	17.5	0
15	16QAM	36	20	16.02	16.08	16.12		
15	16QAM	36	39	16.10	16.04	16.11		
15	16QAM	75	0	16.08	16.05	16.02		
15	64QAM	1	0	15.99	16.06	15.98	17.5	0
15	64QAM	1	37	16.02	16.01	16.00		
15	64QAM	1	74	16.06	16.02	16.04		
15	64QAM	36	0	16.03	16.00	16.08	17.5	0
15	64QAM	36	20	16.05	16.07	15.99		
15	64QAM	36	39	16.06	15.99	16.04		
15	64QAM	75	0	16.09	16.05	16.07		
15	256QAM	1	0	15.98	15.96	15.97	17.5	0
15	256QAM	1	37	16.08	16.03	16.10		
15	256QAM	1	74	16.00	16.02	16.04		
15	256QAM	36	0	16.11	16.09	16.02	17.5	0
15	256QAM	36	20	16.01	16.04	16.07		
15	256QAM	36	39	16.13	16.06	15.99		
15	256QAM	75	0	15.98	16.02	15.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.15	16.13	16.11	17.5	0
10	QPSK	1	25	16.18	16.06	16.09		
10	QPSK	1	49	16.07	16.07	16.06		
10	QPSK	25	0	16.03	16.04	16.06	17.5	0
10	QPSK	25	12	16.06	16.00	16.07		
10	QPSK	25	25	16.00	15.98	16.02		
10	QPSK	50	0	16.05	15.99	16.02		
10	16QAM	1	0	16.05	16.07	16.11	17.5	0
10	16QAM	1	25	16.04	16.05	16.05		
10	16QAM	1	49	16.10	16.06	16.05		
10	16QAM	25	0	16.00	16.03	16.02	17.5	0
10	16QAM	25	12	16.13	16.05	16.03		
10	16QAM	25	25	16.03	16.10	16.07		
10	16QAM	50	0	16.08	16.06	16.00		
10	64QAM	1	0	15.98	15.99	15.97	17.5	0
10	64QAM	1	25	16.07	16.06	15.98		
10	64QAM	1	49	15.99	16.05	16.07		
10	64QAM	25	0	16.07	16.00	16.00	17.5	0
10	64QAM	25	12	16.05	16.06	15.99		
10	64QAM	25	25	15.94	15.99	16.05		
10	64QAM	50	0	16.08	16.10	16.07		
10	256QAM	1	0	16.03	16.06	15.98	17.5	0
10	256QAM	1	25	16.03	16.05	16.05		
10	256QAM	1	49	16.08	15.98	16.01		
10	256QAM	25	0	16.02	16.01	16.05	17.5	0
10	256QAM	25	12	16.03	16.00	16.12		
10	256QAM	25	25	16.06	16.07	16.05		
10	256QAM	50	0	16.04	16.02	16.04		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.12	16.14	16.21	17.5	0
5	QPSK	1	12	16.08	16.16	16.05		
5	QPSK	1	24	16.09	16.00	16.10		
5	QPSK	12	0	16.12	16.08	16.05	17.5	0
5	QPSK	12	7	16.10	16.05	16.05		
5	QPSK	12	13	16.03	16.01	16.07		
5	QPSK	25	0	16.03	16.01	15.99		
5	16QAM	1	0	16.14	16.09	16.13	17.5	0
5	16QAM	1	12	16.05	16.02	16.02		
5	16QAM	1	24	16.11	16.03	16.01		
5	16QAM	12	0	16.03	16.09	16.00	17.5	0
5	16QAM	12	7	16.05	16.01	15.99		
5	16QAM	12	13	16.01	16.11	16.08		
5	16QAM	25	0	15.94	15.96	16.08		
5	64QAM	1	0	15.97	16.03	16.04	17.5	0
5	64QAM	1	12	16.04	16.04	16.03		
5	64QAM	1	24	16.00	16.03	16.08		
5	64QAM	12	0	16.11	16.12	16.04	17.5	0
5	64QAM	12	7	15.98	16.03	16.04		
5	64QAM	12	13	16.05	16.02	15.95		
5	64QAM	25	0	16.01	16.05	16.10		
5	256QAM	1	0	15.94	15.96	15.96	17.5	0
5	256QAM	1	12	16.08	16.08	16.02		
5	256QAM	1	24	16.08	16.08	15.97		
5	256QAM	12	0	16.03	16.09	16.01	17.5	0
5	256QAM	12	7	15.98	16.09	16.07		
5	256QAM	12	13	16.09	16.04	16.12		
5	256QAM	25	0	15.95	16.01	15.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.20	16.13	16.24	17.5	0
3	QPSK	1	8	16.13	16.12	16.06		
3	QPSK	1	14	16.09	16.09	16.05		
3	QPSK	8	0	16.07	16.13	16.11	17.5	0
3	QPSK	8	4	16.04	16.04	16.09		
3	QPSK	8	7	16.02	16.09	16.06		
3	QPSK	15	0	16.04	16.00	16.06		
3	16QAM	1	0	16.10	16.14	16.02	17.5	0
3	16QAM	1	8	15.98	16.05	15.95		
3	16QAM	1	14	16.04	16.02	16.11		
3	16QAM	8	0	16.11	16.11	16.08	17.5	0
3	16QAM	8	4	16.03	16.06	16.07		
3	16QAM	8	7	16.06	16.13	16.08		
3	16QAM	15	0	15.99	15.99	15.96		
3	64QAM	1	0	16.04	16.01	16.01	17.5	0
3	64QAM	1	8	16.00	16.00	16.05		
3	64QAM	1	14	16.11	16.10	15.99		
3	64QAM	8	0	16.12	16.00	16.14	17.5	0
3	64QAM	8	4	16.00	16.08	15.98		
3	64QAM	8	7	16.07	16.00	16.06		
3	64QAM	15	0	16.13	16.07	16.14		
3	256QAM	1	0	15.96	16.02	16.06	17.5	0
3	256QAM	1	8	16.05	16.03	16.08		
3	256QAM	1	14	16.02	15.96	16.03		
3	256QAM	8	0	16.11	15.99	15.98	17.5	0
3	256QAM	8	4	16.02	16.02	16.10		
3	256QAM	8	7	16.05	16.02	16.11		
3	256QAM	15	0	16.02	15.96	15.98		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.16	16.11	16.15	17.5	0
1.4	QPSK	1	3	16.10	16.12	16.17		
1.4	QPSK	1	5	16.09	16.06	16.13		
1.4	QPSK	3	0	16.06	16.15	16.12		
1.4	QPSK	3	1	16.04	16.03	16.09		
1.4	QPSK	3	3	16.07	16.01	15.97		
1.4	QPSK	6	0	15.95	15.96	16.04	17.5	0
1.4	16QAM	1	0	16.01	16.05	16.13	17.5	0
1.4	16QAM	1	3	16.05	16.06	16.06		
1.4	16QAM	1	5	16.10	16.00	15.98		
1.4	16QAM	3	0	16.12	16.06	16.03		
1.4	16QAM	3	1	16.08	16.01	16.03		
1.4	16QAM	3	3	16.03	16.02	16.14		
1.4	16QAM	6	0	15.95	16.04	16.08	17.5	0
1.4	64QAM	1	0	16.08	15.98	15.97	17.5	0
1.4	64QAM	1	3	16.04	16.03	15.98		
1.4	64QAM	1	5	15.99	16.05	16.06		
1.4	64QAM	3	0	16.14	16.06	16.06		
1.4	64QAM	3	1	15.97	15.98	16.00		
1.4	64QAM	3	3	15.94	16.05	16.01		
1.4	64QAM	6	0	16.02	16.00	16.08	17.5	0
1.4	256QAM	1	0	16.05	16.04	16.05	17.5	0
1.4	256QAM	1	3	16.00	16.11	16.09		
1.4	256QAM	1	5	16.06	16.09	15.96		
1.4	256QAM	3	0	16.02	16.09	16.03		
1.4	256QAM	3	1	15.99	16.04	15.99		
1.4	256QAM	3	3	16.11	16.11	16.00		
1.4	256QAM	6	0	16.07	16.01	15.94	17.5	0

Band 66_Ant 2(ENDC)

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	22.69	22.71	22.67	24	0
20	QPSK	1	49	22.57	22.60	22.57		
20	QPSK	1	99	22.68	22.63	22.59		
20	QPSK	50	0	21.52	21.66	21.60	23	1
20	QPSK	50	24	21.51	21.54	21.56		
20	QPSK	50	50	21.49	21.57	21.59		
20	QPSK	100	0	21.45	21.58	21.57		
20	16QAM	1	0	21.71	21.78	21.63	23	1
20	16QAM	1	49	21.72	21.69	21.76		
20	16QAM	1	99	21.76	21.75	21.73		
20	16QAM	50	0	20.54	20.63	20.59	22	2
20	16QAM	50	24	20.42	20.60	20.46		
20	16QAM	50	50	20.40	20.58	20.56		
20	16QAM	100	0	20.44	20.57	20.44		
20	64QAM	1	0	20.77	20.78	20.71	22	2
20	64QAM	1	49	20.63	20.73	20.62		
20	64QAM	1	99	20.73	20.77	20.57		
20	64QAM	50	0	19.60	19.67	19.61	21	3
20	64QAM	50	24	19.57	19.57	19.48		
20	64QAM	50	50	19.49	19.58	19.51		
20	64QAM	100	0	19.53	19.54	19.50		
20	256QAM	1	0	17.52	17.63	17.63	19	5
20	256QAM	1	49	17.73	17.66	17.73		
20	256QAM	1	99	17.73	17.65	17.75		
20	256QAM	50	0	17.57	17.61	17.66	19	5
20	256QAM	50	24	17.71	17.66	17.70		
20	256QAM	50	50	17.51	17.63	17.56		
20	256QAM	100	0	17.68	17.64	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.60	22.62	22.69	24	0
15	QPSK	1	37	22.57	22.45	22.47		
15	QPSK	1	74	22.59	22.54	22.52		
15	QPSK	36	0	21.54	21.58	21.63	23	1
15	QPSK	36	20	21.52	21.40	21.43		
15	QPSK	36	39	21.42	21.53	21.53		
15	QPSK	75	0	21.44	21.46	21.43		
15	16QAM	1	0	21.74	21.71	21.63	23	1
15	16QAM	1	37	21.57	21.57	21.58		
15	16QAM	1	74	21.68	21.67	21.60		
15	16QAM	36	0	20.57	20.58	20.58	22	2
15	16QAM	36	20	20.58	20.52	20.50		
15	16QAM	36	39	20.57	20.53	20.49		
15	16QAM	75	0	20.42	20.43	20.47		
15	64QAM	1	0	20.63	20.75	20.76	22	2
15	64QAM	1	37	20.67	20.62	20.60		
15	64QAM	1	74	20.64	20.67	20.62		
15	64QAM	36	0	19.57	19.52	19.54	21	3
15	64QAM	36	20	19.50	19.55	19.49		
15	64QAM	36	39	19.54	19.51	19.45		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.57	17.71	17.53	19	5
15	256QAM	1	37	17.72	17.61	17.77		
15	256QAM	1	74	17.71	17.67	17.65		
15	256QAM	36	0	17.62	17.64	17.69	19	5
15	256QAM	36	20	17.57	17.71	17.78		
15	256QAM	36	39	17.55	17.61	17.58		
15	256QAM	75	0	17.73	17.63	17.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.58	22.64	22.69	24	0
10	QPSK	1	25	22.51	22.48	22.53		
10	QPSK	1	49	22.49	22.59	22.48		
10	QPSK	25	0	21.58	21.54	21.60	23	1
10	QPSK	25	12	21.47	21.51	21.44		
10	QPSK	25	25	21.55	21.49	21.50		
10	QPSK	50	0	21.56	21.50	21.47		
10	16QAM	1	0	21.69	21.63	21.63	23	1
10	16QAM	1	25	21.57	21.66	21.64		
10	16QAM	1	49	21.72	21.64	21.69		
10	16QAM	25	0	20.55	20.59	20.59	22	2
10	16QAM	25	12	20.57	20.45	20.55		
10	16QAM	25	25	20.49	20.56	20.55		
10	16QAM	50	0	20.45	20.54	20.49		
10	64QAM	1	0	20.73	20.70	20.75	22	2
10	64QAM	1	25	20.67	20.72	20.69		
10	64QAM	1	49	20.70	20.68	20.67		
10	64QAM	25	0	19.52	19.59	19.61	21	3
10	64QAM	25	12	19.53	19.47	19.53		
10	64QAM	25	25	19.49	19.44	19.52		
10	64QAM	50	0	19.48	19.49	19.41		
10	256QAM	1	0	17.58	17.56	17.70	19	5
10	256QAM	1	25	17.83	17.62	17.71		
10	256QAM	1	49	17.67	17.67	17.75		
10	256QAM	25	0	17.60	17.49	17.54	19	5
10	256QAM	25	12	17.60	17.61	17.73		
10	256QAM	25	25	17.53	17.54	17.63		
10	256QAM	50	0	17.53	17.53	17.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.66	22.67	24	0
5	QPSK	1	12	22.53	22.48	22.51		
5	QPSK	1	24	22.60	22.48	22.60		
5	QPSK	12	0	21.65	21.58	21.54	23	1
5	QPSK	12	7	21.53	21.51	21.44		
5	QPSK	12	13	21.52	21.44	21.46		
5	QPSK	25	0	21.57	21.45	21.56		
5	16QAM	1	0	21.66	21.65	21.67	23	1
5	16QAM	1	12	21.65	21.67	21.59		
5	16QAM	1	24	21.64	21.72	21.62		
5	16QAM	12	0	20.61	20.62	20.54	22	2
5	16QAM	12	7	20.51	20.54	20.53		
5	16QAM	12	13	20.50	20.53	20.45		
5	16QAM	25	0	20.55	20.49	20.52		
5	64QAM	1	0	20.66	20.71	20.73	22	2
5	64QAM	1	12	20.71	20.60	20.60		
5	64QAM	1	24	20.70	20.67	20.65		
5	64QAM	12	0	19.58	19.65	19.59	21	3
5	64QAM	12	7	19.55	19.44	19.44		
5	64QAM	12	13	19.45	19.54	19.56		
5	64QAM	25	0	19.47	19.52	19.51		
5	256QAM	1	0	17.54	17.56	17.53	19	5
5	256QAM	1	12	17.72	17.72	17.74		
5	256QAM	1	24	17.59	17.52	17.75		
5	256QAM	12	0	17.47	17.62	17.58	19	5
5	256QAM	12	7	17.65	17.61	17.59		
5	256QAM	12	13	17.58	17.51	17.49		
5	256QAM	25	0	17.75	17.74	17.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.63	22.70	22.58	24	0
3	QPSK	1	8	22.47	22.55	22.51		
3	QPSK	1	14	22.59	22.53	22.60		
3	QPSK	8	0	21.60	21.55	21.59	23	1
3	QPSK	8	4	21.41	21.52	21.52		
3	QPSK	8	7	21.44	21.53	21.54		
3	QPSK	15	0	21.49	21.56	21.54		
3	16QAM	1	0	21.66	21.75	21.73	23	1
3	16QAM	1	8	21.54	21.54	21.68		
3	16QAM	1	14	21.69	21.74	21.60		
3	16QAM	8	0	20.53	20.56	20.53	22	2
3	16QAM	8	4	20.45	20.48	20.55		
3	16QAM	8	7	20.43	20.53	20.46		
3	16QAM	15	0	20.47	20.48	20.51		
3	64QAM	1	0	20.64	20.76	20.77	22	2
3	64QAM	1	8	20.67	20.66	20.68		
3	64QAM	1	14	20.67	20.62	20.71		
3	64QAM	8	0	19.64	19.60	19.54	21	3
3	64QAM	8	4	19.46	19.54	19.54		
3	64QAM	8	7	19.47	19.44	19.52		
3	64QAM	15	0	19.42	19.52	19.47		
3	256QAM	1	0	17.39	17.49	17.73	19	5
3	256QAM	1	8	17.74	17.76	17.58		
3	256QAM	1	14	17.83	17.50	17.83		
3	256QAM	8	0	17.54	17.55	17.59	19	5
3	256QAM	8	4	17.73	17.68	17.74		
3	256QAM	8	7	17.40	17.66	17.52		
3	256QAM	15	0	17.66	17.72	17.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.59	22.55	24	0
1.4	QPSK	1	3	22.55	22.58	22.46		
1.4	QPSK	1	5	22.58	22.61	22.57		
1.4	QPSK	3	0	22.58	22.57	22.53		
1.4	QPSK	3	1	22.62	22.66	22.53		
1.4	QPSK	3	3	22.54	22.60	22.57		
1.4	QPSK	6	0	21.57	21.63	21.52	23	1
1.4	16QAM	1	0	21.60	21.69	21.52	23	1
1.4	16QAM	1	3	21.61	21.60	21.53		
1.4	16QAM	1	5	21.50	21.57	21.53		
1.4	16QAM	3	0	21.59	21.57	21.57		
1.4	16QAM	3	1	21.49	21.64	21.54		
1.4	16QAM	3	3	21.56	21.58	21.58		
1.4	16QAM	6	0	20.56	20.68	20.55	22	2
1.4	64QAM	1	0	20.53	20.63	20.55	22	2
1.4	64QAM	1	3	20.61	20.63	20.46		
1.4	64QAM	1	5	20.58	20.59	20.43		
1.4	64QAM	3	0	20.54	20.69	20.57		
1.4	64QAM	3	1	20.49	20.68	20.45		
1.4	64QAM	3	3	20.53	20.62	20.43		
1.4	64QAM	6	0	19.57	19.59	19.54	21	3
1.4	256QAM	1	0	17.46	17.72	17.52	19	5
1.4	256QAM	1	3	17.76	17.70	17.68		
1.4	256QAM	1	5	17.59	17.50	17.81		
1.4	256QAM	3	0	17.55	17.71	17.52		
1.4	256QAM	3	1	17.65	17.54	17.79		
1.4	256QAM	3	3	17.54	17.66	17.60		
1.4	256QAM	6	0	17.54	17.54	17.56	19	5

n2_Ant 3

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.38	17.55	17.36	19.0	0.0
40	PI/2 BPSK	1	108	17.41	17.51	17.38		
40	PI/2 BPSK	1	214	17.44	17.50	17.49		
40	PI/2 BPSK	108	0	17.41	17.56	17.38	19.0	0.0
40	PI/2 BPSK	108	54	17.44	17.49	17.41	19.0	0.0
40	PI/2 BPSK	108	108	17.40	17.49	17.45	19.0	0.0
40	PI/2 BPSK	216	0	17.33	17.59	17.40		
40	QPSK	1	1	17.56	17.65	17.53	19.0	0.0
40	QPSK	1	108	17.51	17.61	17.44		
40	QPSK	1	214	17.48	17.64	17.52		
40	QPSK	108	0	17.43	17.57	17.39	19.0	0.0
40	QPSK	108	54	17.45	17.62	17.50	19.0	0.0
40	QPSK	108	108	17.42	17.52	17.44	19.0	0.0
40	QPSK	216	0	17.42	17.47	17.43		
40	16QAM	1	1	17.38	17.56	17.41	19.0	0.0
40	64QAM	1	1	17.32	17.48	17.47	19.0	0.0
40	256QAM	1	1	17.34	17.49	17.46	19.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.43	17.48	17.45	19.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.39	17.61	17.46	19.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.34	17.55	17.35	19.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.41	17.55	17.44	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.40	17.58	17.35	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.31	17.52	17.43	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.39	17.52	17.39	19.0	0.0

n2_Ant 2(ENDC)

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	13.79	13.80	13.91	15.5	0.0
40	PI/2 BPSK	1	108	13.73	13.89	13.90		
40	PI/2 BPSK	1	214	13.74	13.80	13.88		
40	PI/2 BPSK	108	0	13.74	13.82	13.82	15.5	0.0
40	PI/2 BPSK	108	54	13.68	13.93	13.83	15.5	0.0
40	PI/2 BPSK	108	108	13.71	13.84	13.81	15.5	0.0
40	PI/2 BPSK	216	0	13.70	13.86	13.88		
40	QPSK	1	1	13.89	14.02	14.00	15.5	0.0
40	QPSK	1	108	13.88	13.98	13.86		
40	QPSK	1	214	13.74	13.90	13.90		
40	QPSK	108	0	13.69	13.92	13.78	15.5	0.0
40	QPSK	108	54	13.81	13.95	13.93	15.5	0.0
40	QPSK	108	108	13.68	13.86	13.78	15.5	0.0
40	QPSK	216	0	13.70	13.90	13.79		
40	16QAM	1	1	13.73	13.85	13.80	15.5	0.0
40	64QAM	1	1	13.75	13.85	13.81	15.5	0.0
40	256QAM	1	1	13.77	13.87	13.86	15.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	13.72	13.91	13.92	15.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	13.69	13.80	13.92	15.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	13.79	13.82	13.89	15.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	13.68	13.87	13.91	15.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.77	13.81	13.92	15.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.77	13.86	13.88	15.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.76	13.91	13.78	15.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.70		25.0	0.0
25	PI/2 BPSK	1	65		23.72			
25	PI/2 BPSK	1	131		23.70			
25	PI/2 BPSK	64	0		23.18		24.5	0.5
25	PI/2 BPSK	64	32		23.81		25.0	0.0
25	PI/2 BPSK	64	66		23.28		24.5	0.5
25	PI/2 BPSK	128	0		23.27			
25	QPSK	1	1		23.82		25.0	0.0
25	QPSK	1	65		23.73			
25	QPSK	1	131		23.70			
25	QPSK	64	0		22.71		24.0	1.0
25	QPSK	64	32		23.78		25.0	0.0
25	QPSK	64	66		22.80		24.0	1.0
25	QPSK	128	0		22.77			
25	16QAM	1	1		22.41		24.0	1.0
25	64QAM	1	1		20.98		22.5	2.5
25	256QAM	1	1		19.61		20.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.62	23.77	23.60	25.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.67	23.75	23.56	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.61	23.81	23.62	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.71	23.76	23.57	25.0	0.0

n25_Ant 3

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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.58	17.66	17.56	19.0	0.0
40	PI/2 BPSK	1	108	17.63	17.59	17.44		
40	PI/2 BPSK	1	214	17.56	17.67	17.54		
40	PI/2 BPSK	108	0	17.55	17.56	17.51	19.0	0.0
40	PI/2 BPSK	108	54	17.49	17.54	17.53	19.0	0.0
40	PI/2 BPSK	108	108	17.49	17.55	17.49	19.0	0.0
40	PI/2 BPSK	216	0	17.49	17.53	17.54		
40	QPSK	1	1	17.68	17.71	17.65	19.0	0.0
40	QPSK	1	108	17.53	17.69	17.61		
40	QPSK	1	214	17.64	17.67	17.58		
40	QPSK	108	0	17.59	17.58	17.43	19.0	0.0
40	QPSK	108	54	17.64	17.68	17.58	19.0	0.0
40	QPSK	108	108	17.62	17.56	17.52	19.0	0.0
40	QPSK	216	0	17.62	17.65	17.49		
40	16QAM	1	1	17.59	17.67	17.50	19.0	0.0
40	64QAM	1	1	17.51	17.54	17.48	19.0	0.0
40	256QAM	1	1	17.49	17.60	17.49	19.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	17.57	17.59	17.53	19.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.62	17.62	17.51	19.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.63	17.54	17.57	19.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.53	17.67	17.46	19.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.53	17.55	17.52	19.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.51	17.60	17.55	19.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.59	17.61	17.49	19.0	0.0

n66_Ant 3

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	20.13	20.40	20.20	20.5	0.0
45	PI/2 BPSK	1	122	20.06	20.30	20.17		
45	PI/2 BPSK	1	243	20.12	20.32	20.25		
45	PI/2 BPSK	120	0	20.07	20.34	20.28	20.5	0.0
45	PI/2 BPSK	120	60	20.13	20.28	20.17	20.5	0.0
45	PI/2 BPSK	120	122	20.16	20.37	20.25	20.5	0.0
45	PI/2 BPSK	243	0	20.05	20.34	20.20		
45	QPSK	1	1	20.30	20.45	20.32	20.5	0.0
45	QPSK	1	122	20.20	20.35	20.26		
45	QPSK	1	243	20.27	20.44	20.29		
45	QPSK	120	0	20.06	20.32	20.19	20.5	0.0
45	QPSK	120	60	20.20	20.42	20.31	20.5	0.0
45	QPSK	120	122	20.15	20.28	20.16	20.5	0.0
45	QPSK	243	0	20.08	20.30	20.27		
45	16QAM	1	1	20.06	20.34	20.30	20.5	0.0
45	64QAM	1	1	20.07	20.31	20.18	20.5	0.0
45	256QAM	1	1	20.08	20.31	20.25	20.5	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.08	20.30	20.17	20.5	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.08	20.38	20.18	20.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.06	20.40	20.19	20.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.15	20.36	20.29	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.15	20.34	20.23	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.17	20.33	20.29	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.15	20.36	20.27	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.18	20.35	20.28	20.5	0.0

n66_Ant 2(ENDC)

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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.33	22.45	22.38	24.0	0.0
45	PI/2 BPSK	1	122	22.25	22.39	22.38		
45	PI/2 BPSK	1	243	22.22	22.32	22.21		
45	PI/2 BPSK	120	0	21.92	22.00	21.99	23.5	0.5
45	PI/2 BPSK	120	60	22.22	22.37	22.37	24.0	0.0
45	PI/2 BPSK	120	122	21.79	21.92	21.82	23.5	0.5
45	PI/2 BPSK	243	0	21.81	21.96	21.83		
45	QPSK	1	1	22.46	22.49	22.37	24.0	0.0
45	QPSK	1	122	22.32	22.39	22.31		
45	QPSK	1	243	22.29	22.34	22.21		
45	QPSK	120	0	21.50	21.51	21.46	23.0	1.0
45	QPSK	120	60	22.44	22.48	22.36	24.0	0.0
45	QPSK	120	122	21.42	21.45	21.45	23.0	1.0
45	QPSK	243	0	21.42	21.46	21.40		
45	16QAM	1	1	21.09	21.16	21.12	23.0	1.0
45	64QAM	1	1	19.67	19.75	19.73	21.5	2.5
45	256QAM	1	1	18.32	18.38	18.34	19.5	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.38	22.41	22.33	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.35	22.37	22.25	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.38	22.41	22.37	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.31	22.34	22.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.39	22.30	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.36	22.37	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.41	22.40	22.27	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.46	22.33	22.35	24.0	0.0

FCC_n41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.16	17.26	17.00	18.5	0.0
100	PI/2 BPSK	1	137	17.16	17.33	17.04		
100	PI/2 BPSK	1	271	17.14	17.26	17.08		
100	PI/2 BPSK	135	0	17.19	17.36	17.08	18.5	0.0
100	PI/2 BPSK	135	69	17.17	17.33	17.00	18.5	0.0
100	PI/2 BPSK	135	138	17.13	17.38	17.11	18.5	0.0
100	PI/2 BPSK	270	0	17.23	17.32	17.13		
100	QPSK	1	1	17.31	17.43	17.28	18.5	0.0
100	QPSK	1	137	17.16	17.42	17.15		
100	QPSK	1	271	17.22	17.42	17.19		
100	QPSK	135	0	17.16	17.34	17.05	18.5	0.0
100	QPSK	135	69	17.26	17.41	17.15		
100	QPSK	135	138	17.18	17.36	17.03		
100	QPSK	270	0	17.20	17.28	17.01	18.5	0.0
100	16QAM	1	1	17.20	17.35	17.08	18.5	0.0
100	64QAM	1	1	17.16	17.26	17.11	18.5	0.0
100	256QAM	1	1	17.16	17.40	17.08	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.25	17.29	17.08	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.25	17.36	17.06	18.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.23	17.38	17.07	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.13	17.34	17.02	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.13	17.40	17.06	18.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.14	17.35	17.05	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.19	17.26	17.12	18.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.16	17.33	17.08	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.15	17.28	17.13	18.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.15	17.30	17.03	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.23	17.30	17.04	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.21	17.29	17.09	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.16	17.31	17.09	18.5	0.0

Part96_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	17.15	17.23	17.19	18.5	0.0
100	PI/2 BPSK	1	137	17.10	17.17	17.17		
100	PI/2 BPSK	1	271	17.15	17.13	17.16		
100	PI/2 BPSK	135	0	17.19	17.21	17.12	18.5	0.0
100	PI/2 BPSK	135	69	17.13	17.24	17.08	18.5	0.0
100	PI/2 BPSK	135	138	17.18	17.21	17.18	18.5	0.0
100	PI/2 BPSK	270	0	17.22	17.15	17.10		
100	QPSK	1	1	17.32	17.35	17.26	18.5	0.0
100	QPSK	1	137	17.18	17.25	17.25		
100	QPSK	1	271	17.27	17.20	17.17		
100	QPSK	135	0	17.10	17.12	17.17	18.5	0.0
100	QPSK	135	69	17.23	17.26	17.20		
100	QPSK	135	138	17.12	17.14	17.13		
100	QPSK	270	0	17.20	17.21	17.07	18.5	0.0
100	16QAM	1	1	17.16	17.23	17.14	18.5	0.0
100	64QAM	1	1	17.09	17.19	17.05	18.5	0.0
100	256QAM	1	1	17.17	17.12	17.17	18.5	0.0
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	17.14	17.18	17.08	18.5	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3590.01	3624.99	3660		
80	QPSK	1	1	17.20	17.12	17.05	18.5	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585	3624.99	3664.98		
70	QPSK	1	1	17.08	17.14	17.17	18.5	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	17.12	17.18	17.05	18.5	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3575.01	3624.99	3675		
50	QPSK	1	1	17.17	17.23	17.05	18.5	0.0
Channel				638168	641666	645166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3572.52	3624.99	3677.49		
45	QPSK	1	1	17.22	17.12	17.05	18.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	17.17	17.12	17.16	18.5	0.0
Channel				637834	641666	645500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3567.51	3624.99	3682.5		
35	QPSK	1	1	17.20	17.11	17.18	18.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.11	17.25	17.08	18.5	0.0
Channel				637500	641666	645832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3562.5	3624.99	3687.48		
25	QPSK	1	1	17.20	17.23	17.13	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.19	17.13	17.07	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.14	17.13	17.16	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.19	17.15	17.06	18.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.35		18.5	0.0
100	PI/2 BPSK	1	137		17.24			
100	PI/2 BPSK	1	271		17.37			
100	PI/2 BPSK	135	0		17.26		18.5	0.0
100	PI/2 BPSK	135	69		17.33		18.5	0.0
100	PI/2 BPSK	135	138		17.25		18.5	0.0
100	PI/2 BPSK	270	0		17.30			
100	QPSK	1	1		17.42		18.5	0.0
100	QPSK	1	137		17.31			
100	QPSK	1	271		17.37			
100	QPSK	135	0		17.35		18.5	0.0
100	QPSK	135	69		17.38			
100	QPSK	135	138		17.29			
100	QPSK	270	0		17.35		18.5	0.0
100	16QAM	1	1		17.25		18.5	0.0
100	64QAM	1	1		17.34		18.5	0.0
100	256QAM	1	1		17.25		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.37	17.22	17.17	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.28	17.32	17.19	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.28	17.26	17.19	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.35	17.31	17.16	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.24	17.26	17.23	18.5	0.0
Channel				631500	633332	635166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3472.5	3499.98	3527.49		
45	QPSK	1	1	17.33	17.19	17.19	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.23	17.18	17.10	18.5	0.0
Channel				631168	633332	635500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.52	3499.98	3532.5		
35	QPSK	1	1	17.28	17.18	17.18	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.34	17.18	17.21	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.34	17.18	17.22	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.23	17.18	17.15	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.24	17.30	17.16	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.31	17.18	17.17	18.5	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.18	17.38	17.21	18.5	0.0
100	PI/2 BPSK	1	137	17.18	17.35	17.21		
100	PI/2 BPSK	1	271	17.22	17.38	17.15		
100	PI/2 BPSK	135	0	17.23	17.39	17.13	18.5	0.0
100	PI/2 BPSK	135	69	17.22	17.34	17.22	18.5	0.0
100	PI/2 BPSK	135	138	17.27	17.30	17.26	18.5	0.0
100	PI/2 BPSK	270	0	17.21	17.32	17.17		
100	QPSK	1	1	17.42	17.48	17.40	18.5	0.0
100	QPSK	1	137	17.40	17.38	17.31		
100	QPSK	1	271	17.35	17.43	17.32		
100	QPSK	135	0	17.25	17.34	17.25	18.5	0.0
100	QPSK	135	69	17.32	17.40	17.28		
100	QPSK	135	138	17.24	17.35	17.19		
100	QPSK	270	0	17.19	17.30	17.20	18.5	0.0
100	16QAM	1	1	17.25	17.37	17.27	18.5	0.0
100	64QAM	1	1	17.20	17.30	17.23	18.5	0.0
100	256QAM	1	1	17.20	17.27	17.21	18.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.27	17.31	17.27	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.17	17.32	17.18	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.19	17.38	17.23	18.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.25	17.30	17.21	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.18	17.36	17.17	18.5	0.0
Channel				648168	656000	663832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3722.52	3840	3957.48		
45	QPSK	1	1	17.29	17.26	17.17	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.28	17.28	17.26	18.5	0.0
Channel				647834	656000	664166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3717.51	3840	3962.49		
35	QPSK	1	1	17.18	17.31	17.26	18.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.26	17.32	17.23	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.19	17.27	17.16	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.27	17.38	17.16	18.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.27	17.33	17.14	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.26	17.36	17.23	18.5	0.0

<WLAN 2.4GHz_FCC>

WLAN2.4GHz_Ant 5				Default Power		Receiver on（Head）		Hotspot		Sensor on(Extremity)		Sensor on(Body Worn)		
	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	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.40	21.00	11.85	12.50	16.45	17.00	20.40	21.00	20.40	21.00	99.71
		6	2437	19.50	21.00	10.99	12.50	15.52	17.00	19.50	21.00	19.50	21.00	
		11	2462	19.00	20.00	11.50	12.50	16.04	17.00	19.00	20.00	19.00	20.00	
	802.11g 6Mbps	1	2412	17.20	18.00	No Required	12.50	No Required	17.00	17.20	18.00	17.20	18.00	97.26
		6	2437	17.80	18.00		12.50		17.00	17.80	18.00	17.80	18.00	
		11	2462	16.10	16.50		12.50		16.50	16.10	16.50	16.10	16.50	
	802.11n-HT20 MCS0	1	2412	15.90	16.50		12.50		16.50	15.90	16.50	15.90	16.50	97.06
		6	2437	17.90	18.00		12.50		17.00	17.90	18.00	17.90	18.00	
		11	2462	15.00	15.50		12.50		15.50	15.00	15.50	15.00	15.50	
	802.11n-HT40 MCS0	3	2422	13.80	14.00		12.50		14.00	13.80	14.00	13.80	14.00	94.30
		6	2437	15.90	16.00		12.50		16.00	15.90	16.00	15.90	16.00	
		9	2452	13.30	13.50		12.50		13.50	13.30	13.50	13.30	13.50	

<WLAN 5GHz_FCC>

WLAN5.2GHz_Ant 5				Default Power		Receiver on（Head）		Hotspot		Sensor on(Extremity)		Sensor on(Body Worn)		
	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	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.89	20.50	No Required	10.50	No Required	16.00	No Required	17.00	No Required	17.00	97.46
		40	5200	20.31	21.00		10.50		16.00		17.00		17.00	
		44	5220	19.87	20.50		10.50		16.00		17.00		17.00	
		48	5240	19.86	20.50		10.50		16.00		17.00		17.00	
	802.11n-HT20 MCS0	36	5180	18.86	19.00		10.50		16.00		17.00		17.00	97.28
		40	5200	18.80	19.00		10.50		16.00		17.00		17.00	
		44	5220	18.84	19.00		10.50		16.00		17.00		17.00	
		48	5240	18.75	19.00		10.50		16.00		17.00		17.00	
	802.11n-HT40 MCS0	38	5190	16.41	16.50		10.50	15.87	16.00	16.41	16.50	16.41	16.50	94.08
		46	5230	17.89	18.00		10.50	15.89	16.00	16.88	17.00	16.88	17.00	
	802.11ac-VHT20 MCS0	36	5180	18.80	19.00		10.50	No Required	16.00	No Required	17.00	No Required	17.00	96.58
		40	5200	18.74	19.00		10.50		16.00		17.00		17.00	
		44	5220	18.75	19.00		10.50		16.00		17.00		17.00	
		48	5240	18.72	19.00		10.50		16.00		17.00		17.00	
	802.11ac-VHT40 MCS0	38	5190	16.33	16.50		10.50		16.00		16.50		16.50	93.54
		46	5230	17.98	18.00		10.50		16.00		17.00		17.00	
	802.11ac-VHT80 MCS0	42	5210	12.90	13.00	10.31	10.50		13.00		13.00		13.00	90.36

WLAN5.3GHz_Ant 5				Default Power		Receiver on（Head）		Sensor on(Extremity)		Sensor on(Body Worn)		
	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	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.84	20.50	No Required	10.50	No Required	17.00	No Required	17.00	97.46
		56	5280	20.30	21.00		10.50		17.00		17.00	
		60	5300	19.86	20.50		10.50		17.00		17.00	
		64	5320	20.17	21.00		10.50		17.00		17.00	
	802.11n-HT20 MCS0	52	5260	18.82	19.00		10.50		17.00		17.00	97.28
		56	5280	18.73	19.00		10.50		17.00		17.00	
		60	5300	18.67	19.00		10.50		17.00		17.00	
		64	5320	18.54	19.00		10.50		17.00		17.00	
	802.11n-HT40 MCS0	54	5270	17.90	18.00		10.50	16.90	17.00	16.90	17.00	94.08
		62	5310	17.82	18.00		10.50	16.85	17.00	16.85	17.00	
	802.11ac-VHT20 MCS0	52	5260	18.71	19.00		10.50	No Required	17.00	No Required	17.00	96.58
		56	5280	18.73	19.00		10.50		17.00		17.00	
		60	5300	18.64	19.00		10.50		17.00		17.00	
		64	5320	18.43	19.00		10.50		17.00		17.00	
	802.11ac-VHT40 MCS0	54	5270	17.83	18.00		10.50		17.00		17.00	93.54
		62	5310	17.74	18.00		10.50		17.00		17.00	
	802.11ac-VHT80 MCS0	58	5290	15.84	16.00	10.44	10.50		16.00		16.00	90.36

WLAN5.5GHz_Ant 5				Default Power		Receiver on（Head）		Sensor on(Extremity)		Sensor on(Body Worn)		
	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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.49	21.00	No Required	9.00	No Required	16.00	No Required	16.00	97.46
		116	5580	20.22	21.00		9.00		16.00		16.00	
		124	5620	20.10	21.00		9.00		16.00		16.00	
		132	5660	20.41	21.00		9.00		16.00		16.00	
		140	5700	20.46	21.00		9.00		16.00		16.00	
		144	5720	20.34	21.00		9.00		16.00		16.00	
	802.11n-HT20 MCS0	100	5500	18.85	19.00		9.00		16.00		16.00	97.28
		116	5580	18.59	19.00		9.00		16.00		16.00	
		124	5620	18.56	19.00		9.00		16.00		16.00	
		132	5660	18.73	19.00		9.00		16.00		16.00	
		140	5700	18.90	19.00		9.00		16.00		16.00	
		144	5720	18.68	19.00		9.00		16.00		16.00	
	802.11n-HT40 MCS0	102	5510	17.96	18.00		9.00		16.00		16.00	94.08
		110	5550	17.81	18.00		9.00		16.00		16.00	
		126	5630	17.80	18.00		9.00		16.00		16.00	
		134	5670	17.79	18.00		9.00		16.00		16.00	
		142	5710	17.86	18.00		9.00		16.00		16.00	
	802.11ac-VHT20 MCS0	100	5500	18.81	19.00		9.00		16.00		16.00	96.58
		116	5580	18.48	19.00		9.00		16.00		16.00	
		124	5620	18.43	19.00		9.00		16.00		16.00	
		132	5660	18.59	19.00		9.00		16.00		16.00	
		140	5700	18.76	19.00		9.00		16.00		16.00	
		144	5720	18.56	19.00		9.00		16.00		16.00	
	802.11ac-VHT40 MCS0	102	5510	17.92	18.00		9.00		16.00		16.00	93.54
		110	5550	17.74	18.00		9.00		16.00		16.00	
		126	5630	17.71	18.00		9.00		16.00		16.00	
		134	5670	17.79	18.00		9.00		16.00		16.00	
		142	5710	17.79	18.00		9.00		16.00		16.00	
	802.11ac-VHT80 MCS0	106	5530	16.72	17.00	8.82	9.00	15.63	16.00	15.63	16.00	90.36
		122	5610	16.56	17.00	8.57	9.00	15.46	16.00	15.46	16.00	
		138	5690	16.59	17.00	8.69	9.00	15.60	16.00	15.60	16.00	

WLAN5.8GHz_Ant 5				Default Power		Receiver on（Head）		Hotspot		Sensor on(Extremity)		Sensor on(Body Worn)		
	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	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.59	21.00	No Required	11.50	No Required	15.00	No Required	16.50	No Required	16.50	97.46
		157	5785	19.51	21.00		11.50		15.00		16.50		16.50	
		165	5825	19.45	21.00		11.50		15.00		16.50		16.50	
	802.11n-HT20 MCS0	149	5745	18.16	19.00		11.50		15.00		16.50		16.50	97.28
		157	5785	18.02	19.00		11.50		15.00		16.50		16.50	
		165	5825	17.87	19.00		11.50		15.00		16.50		16.50	
	802.11n-HT40 MCS0	151	5755	17.31	18.00		11.50		15.00		16.50		16.50	94.08
		159	5795	17.12	18.00		11.50		15.00		16.50		16.50	
	802.11ac-VHT20 MCS0	149	5745	18.01	19.00		11.50		15.00		16.50		16.50	96.58
		157	5785	17.96	19.00		11.50		15.00		16.50		16.50	
		165	5825	17.78	19.00		11.50		15.00		16.50		16.50	
	802.11ac-VHT40 MCS0	151	5755	17.17	18.00		11.50		15.00		16.50		16.50	93.54
		159	5795	17.02	18.00		11.50		15.00		16.50		16.50	
	802.11ac-VHT80 MCS0	155	5775	15.84	17.00	10.40	11.50	13.80	15.00	15.31	16.50	15.31	16.50	90.36

Bluetooth BR / EDR

Mode	Channel	Frequency (MHz)	Ant 5		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.50	5.60	5.20
	CH 39	2441	8.40	5.30	5.20
	CH 78	2480	8.50	5.20	5.30
Tune-up Limit			10	7	7

BLE

Mode	Channel	Frequency (MHz)	Ant 5	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	-3.50	-3.60
	CH 19	2440	-3.10	-3.20
	CH 39	2480	-3.40	-3.50
Tune-up Limit			-2	-2