



Default Power for WWAN

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.82	32.88	32.87	34.00	23.82	23.88	23.87	25.00
GPRS 1 Tx slot	32.84	32.92	32.90	34.00	23.84	23.92	23.90	25.00
GPRS 2 Tx slots	29.89	29.96	30.05	31.00	23.89	23.96	24.05	25.00
GPRS 3 Tx slots	28.11	28.15	28.24	29.20	23.85	23.89	23.98	24.94
GPRS 4 Tx slots	26.76	26.78	26.74	28.00	23.76	23.78	23.74	25.00
EDGE 1 Tx slot	27.15	27.12	27.31	28.00	18.15	18.12	18.31	19.00
EDGE 2 Tx slots	24.22	24.24	24.35	25.00	18.22	18.24	18.35	19.00
EDGE 3 Tx slots	22.42	22.33	22.43	23.20	18.16	18.07	18.17	18.94
EDGE 4 Tx slots	21.05	21.12	21.13	22.00	18.05	18.12	18.13	19.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.26	32.26	33.50	23.21	23.26	23.26	24.50
GPRS 1 Tx slot	32.25	32.30	32.32	33.50	23.25	23.30	23.32	24.50
GPRS 2 Tx slots	29.33	29.35	29.38	30.50	23.33	23.35	23.38	24.50
GPRS 3 Tx slots	27.54	27.55	27.58	28.70	23.28	23.29	23.32	24.44
GPRS 4 Tx slots	26.18	26.23	26.21	27.50	23.18	23.23	23.21	24.50
EDGE 1 Tx slot	26.63	26.44	26.64	27.50	17.63	17.44	17.64	18.50
EDGE 2 Tx slots	23.72	23.70	23.65	24.50	17.72	17.70	17.65	18.50
EDGE 3 Tx slots	21.95	22.03	22.00	22.70	17.69	17.77	17.74	18.44
EDGE 4 Tx slots	20.48	20.59	20.63	21.50	17.48	17.59	17.63	18.50

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	681	810		512	681	810	
TX Channel	1850.2	1880	1899.8		1850.2	1880	1899.8	
Frequency (MHz)	1850.2	1880	1899.8		1850.2	1880	1899.8	
GSM 1 Tx slot	28.78	29.79	28.85	30.00	19.78	20.79	19.85	21.00
GPRS 1 Tx slot	28.86	28.87	28.70	30.00	19.86	19.87	19.70	21.00
GPRS 2 Tx slots	25.86	25.80	25.66	27.00	19.86	19.80	19.66	21.00
GPRS 3 Tx slots	24.04	23.96	23.85	25.20	19.78	19.70	19.59	20.94
GPRS 4 Tx slots	22.58	22.70	22.49	24.00	19.58	19.70	19.49	21.00
EDGE 1 Tx slot	24.88	25.14	25.12	26.00	15.88	16.14	16.12	17.00
EDGE 2 Tx slots	21.71	21.72	22.04	23.00	15.71	15.72	16.04	17.00
EDGE 3 Tx slots	19.67	19.70	19.87	21.20	15.41	15.44	15.61	16.94
EDGE 4 Tx slots	18.00	18.18	18.28	20.00	15.00	15.18	15.28	17.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	681	810		512	681	810	
TX Channel	1850.2	1880	1899.8		1850.2	1880	1899.8	
Frequency (MHz)	1850.2	1880	1899.8		1850.2	1880	1899.8	
GSM 1 Tx slot	30.10	30.15	29.98	31.00	21.10	21.15	20.98	22.00
GPRS 1 Tx slot	30.13	30.18	30.00	31.00	21.13	21.18	21.00	22.00
GPRS 2 Tx slots	27.16	27.15	27.02	28.00	21.16	21.15	21.02	22.00
GPRS 3 Tx slots	25.34	25.35	25.26	26.20	21.08	21.09	21.00	21.94
GPRS 4 Tx slots	24.03	24.05	23.93	25.00	21.03	21.05	20.93	22.00
EDGE 1 Tx slot	26.28	26.54	26.48	27.00	17.28	17.54	17.48	18.00
EDGE 2 Tx slots	23.14	23.28	23.32	24.00	17.14	17.28	17.32	18.00
EDGE 3 Tx slots	21.02	21.24	21.17	22.20	16.76	16.98	16.91	17.94
EDGE 4 Tx slots	19.22	19.44	19.55	21.00	16.22	16.44	16.55	18.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.95	23.02	23.04	24.50	24.05	24.21	24.24	25.00
3GPP Rel 99	RMC 12.2Kbps	23.00	23.14	23.12	24.50	24.21	24.42	24.38	25.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.16	22.17	23.50	23.21	23.48	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	22.12	22.11	22.16	23.50	23.20	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-3	21.63	21.68	21.70	23.00	22.65	23.03	22.91	23.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.65	21.60	23.00	22.70	22.98	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.05	22.05	22.09	23.50	23.09	23.46	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.06	22.05	22.12	23.50	23.13	23.42	23.32	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.55	21.62	21.68	23.00	22.57	22.97	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.59	21.53	21.53	23.00	22.65	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-1	21.85	21.91	21.90	23.50	23.01	23.04	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	21.76	21.87	21.85	23.50	23.09	23.13	23.10	24.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.44	21.42	23.00	22.52	22.63	22.58	23.50
3GPP Rel 6	HSUPA Subtest-4	21.92	21.95	21.98	23.50	23.01	23.05	23.04	24.00
3GPP Rel 6	HSUPA Subtest-5	21.00	21.03	21.02	22.50	21.94	22.00	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.89	20.07	20.01	21.50	21.21	21.32	21.24	22.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.00	23.01	23.05	24.50	24.32	24.27	24.35	25.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.11	23.09	24.50	24.42	24.47	24.45	25.00
3GPP Rel 6	HSDPA Subtest-1	22.03	22.04	22.02	23.50	23.47	23.50	23.45	24.00
3GPP Rel 6	HSDPA Subtest-2	22.00	22.05	22.04	23.50	23.46	23.51	23.48	24.00
3GPP Rel 6	HSDPA Subtest-3	21.54	21.56	21.55	23.00	23.01	23.00	22.94	23.50
3GPP Rel 6	HSDPA Subtest-4	21.52	21.52	21.54	23.00	23.02	22.95	22.86	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.00	21.95	21.90	24.00	23.42	23.48	23.42	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	21.97	21.92	24.00	23.41	23.46	23.47	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.45	21.47	21.49	23.50	22.99	22.94	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.45	21.48	23.50	22.98	22.93	22.81	24.00
3GPP Rel 6	HSUPA Subtest-1	21.71	21.79	21.75	23.50	23.24	23.27	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.73	21.77	21.75	23.50	23.22	23.26	23.20	24.00
3GPP Rel 6	HSUPA Subtest-3	21.22	21.27	21.25	23.00	22.63	22.74	22.70	23.50
3GPP Rel 6	HSUPA Subtest-4	21.74	21.79	21.76	23.50	23.17	23.24	23.18	24.00
3GPP Rel 6	HSUPA Subtest-5	20.72	20.77	20.75	22.50	22.20	22.25	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.98	19.88	21.50	21.11	21.20	21.03	22.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.05	23.99	25.00	23.12	23.22	23.18	25.00
3GPP Rel 99	RMC 12.2Kbps	24.06	24.09	24.01	25.00	23.34	23.38	23.32	25.00
3GPP Rel 6	HSDPA Subtest-1	23.08	23.05	23.20	24.00	22.38	22.34	22.46	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.04	23.18	24.00	22.35	22.25	22.44	24.00
3GPP Rel 6	HSDPA Subtest-3	22.61	22.56	22.68	23.50	21.86	21.84	22.02	23.50
3GPP Rel 6	HSDPA Subtest-4	22.65	22.57	22.66	23.50	21.92	21.81	22.01	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	22.94	23.15	24.50	22.26	22.31	22.41	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.01	23.01	23.11	24.50	22.28	22.15	22.42	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.52	22.44	22.64	24.00	21.77	21.78	21.94	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.56	22.65	24.00	21.84	21.72	21.90	24.00
3GPP Rel 6	HSUPA Subtest-1	23.17	23.21	23.19	24.00	22.43	22.51	22.50	24.00
3GPP Rel 6	HSUPA Subtest-2	23.15	23.18	23.18	24.00	22.43	22.51	22.49	24.00
3GPP Rel 6	HSUPA Subtest-3	22.63	22.71	22.67	23.50	22.00	22.02	21.95	23.50
3GPP Rel 6	HSUPA Subtest-4	23.15	23.19	23.17	24.00	22.45	22.53	22.50	24.00
3GPP Rel 6	HSUPA Subtest-5	22.15	22.18	22.17	23.00	21.46	21.50	21.44	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.13	21.06	22.00	20.41	20.56	20.72	22.00

Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.65	23.76	23.75	25	0	
20	QPSK	1	49	23.63	23.71	23.68			
20	QPSK	1	99	23.58	23.70	23.67			
20	QPSK	50	0	22.67	22.75	22.74	24	1	
20	QPSK	50	24	22.60	22.67	22.73			
20	QPSK	50	50	22.63	22.71	22.64			
20	QPSK	100	0	22.64	22.72	22.66	24	1	
20	16QAM	1	0	22.30	22.36	22.38			
20	16QAM	1	49	22.38	23.05	22.91			
20	16QAM	1	99	22.85	22.89	22.91	23	2	
20	16QAM	50	0	21.57	21.73	21.78			
20	16QAM	50	24	21.62	21.73	21.67			
20	16QAM	50	50	21.64	21.71	21.62	23	2	
20	16QAM	100	0	21.60	21.70	21.67			
20	64QAM	1	0	21.84	21.80	21.86			
20	64QAM	1	49	21.69	21.86	21.83	22	3	
20	64QAM	1	99	21.71	21.78	21.71			
20	64QAM	50	0	20.61	20.77	20.81			
20	64QAM	50	24	20.65	20.79	20.69	22	3	
20	64QAM	50	50	20.64	20.71	20.67			
20	64QAM	100	0	20.68	20.77	20.71			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	23.53	23.70	23.61	25	0	
15	QPSK	1	37	23.48	23.58	23.55			
15	QPSK	1	74	23.44	23.62	23.54			
15	QPSK	36	0	22.53	22.61	22.65	24	1	
15	QPSK	36	20	22.54	22.61	22.64			
15	QPSK	36	39	22.49	22.56	22.59			
15	QPSK	75	0	22.50	22.57	22.56	24	1	
15	16QAM	1	0	22.82	22.89	22.92			
15	16QAM	1	37	22.80	22.98	22.76			
15	16QAM	1	74	22.76	22.81	22.81	23	2	
15	16QAM	36	0	21.42	21.62	21.71			
15	16QAM	36	20	21.53	21.66	21.52			
15	16QAM	36	39	21.53	21.66	21.57	22	2	
15	16QAM	75	0	21.45	21.56	21.47			
15	64QAM	1	0	21.73	21.65	21.76			
15	64QAM	1	37	21.61	21.72	21.76	23	2	
15	64QAM	1	74	21.64	21.65	21.65			
15	64QAM	36	0	20.51	20.70	20.76			
15	64QAM	36	20	20.54	20.67	20.57	22	3	
15	64QAM	36	39	20.56	20.61	20.61			
15	64QAM	75	0	20.63	20.72	20.64			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	23.52	23.65	23.65	25	0	
10	QPSK	1	25	23.52	23.64	23.62			
10	QPSK	1	49	23.48	23.60	23.62			
10	QPSK	25	0	22.52	22.68	22.65	24	1	
10	QPSK	25	12	22.52	22.57	22.67			
10	QPSK	25	25	22.52	22.62	22.55			
10	QPSK	50	0	22.52	22.57	22.60	24	1	
10	16QAM	1	0	22.81	22.84	22.84			
10	16QAM	1	25	22.76	22.92	22.82			
10	16QAM	1	49	22.79	22.76	22.86	23	2	
10	16QAM	25	0	21.50	21.58	21.65			
10	16QAM	25	12	21.56	21.63	21.58			
10	16QAM	25	25	21.57	21.62	21.53	22	3	
10	16QAM	50	0	21.54	21.64	21.55			
10	64QAM	1	0	21.75	21.71	21.73			
10	64QAM	1	25	21.54	21.74	21.73	23	2	
10	64QAM	1	49	21.66	21.71	21.61			
10	64QAM	25	0	20.52	20.66	20.67			
10	64QAM	25	12	20.53	20.67	20.61	22	3	
10	64QAM	25	25	20.55	20.56	20.55			
10	64QAM	50	0	20.60	20.67	20.65			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	23.52	23.61	23.63	25	0	
5	QPSK	1	12	23.56	23.56	23.60			
5	QPSK	1	24	23.49	23.65	23.57			
5	QPSK	12	0	22.62	22.62	22.67	24	1	
5	QPSK	12	7	22.51	22.52	22.61			
5	QPSK	12	13	22.51	22.55	22.56			
5	QPSK	25	0	22.50	22.58	22.58	24	1	
5	16QAM	1	0	22.80	22.83	22.86			
5	16QAM	1	12	22.81	22.92	22.83			
5	16QAM	1	24	22.80	22.76	22.82	23	2	
5	16QAM	12	0	21.48	21.61	21.73			
5	16QAM	12	7	21.49	21.63	21.63			
5	16QAM	12	13	21.59	21.65	21.47	22	3	
5	16QAM	25	0	21.48	21.58	21.55			
5	64QAM	1	0	21.76	21.67	21.76			
5	64QAM	1	12	21.63	21.78	21.70	23	2	
5	64QAM	1	24	21.63	21.70	21.59			
5	64QAM	12	0	20.45	20.66	20.74			
5	64QAM	12	7	20.53	20.70	20.59	22	3	
5	64QAM	12	13	20.52	20.58	20.59			
5	64QAM	25	0	20.62	20.64	20.61			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	23.56	23.61	23.66	25	0	
3	QPSK	1	8	23.54	23.61	23.60			
3	QPSK	1	14	23.41	23.62	23.60			
3	QPSK	8	0	22.56	22.68	22.65	24	1	
3	QPSK	8	4	22.45	22.61	22.65			
3	QPSK	8	7	22.56	22.61	22.54			
3	QPSK	15	0	22.57	22.60	22.53	24	1	
3	16QAM	1	0	22.75	22.83	22.84			
3	16QAM	1	8	22.76	22.94	22.82			
3	16QAM	1	14	22.77	22.77	22.84	23	2	
3	16QAM	8	0	21.42	21.60	21.64			
3	16QAM	8	4	21.48	21.65	21.60			
3	16QAM	8	7	21.58	21.64	21.51	23	2	
3	16QAM	15	0	21.48	21.65	21.59			
3	64QAM	1	0	21.78	21.66	21.61			
3	64QAM	1	8	21.57	21.80	21.74	22	3	
3	64QAM	1	14	21.65	21.71	21.63			
3	64QAM	8	0	20.55	20.70	20.68			
3	64QAM	8	4	20.50	20.71	20.54	22	3	
3	64QAM	8	7	20.56	20.59	20.57			
3	64QAM	15	0	20.57	20.68	20.66			
Channel				18697	18900	19103	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1859.7	1880	1903			
1.4	QPSK	1	0	23.43	23.34	23.31	25	0	
1.4	QPSK	1	3	23.45	23.37	23.30			
1.4	QPSK	1	5	23.44	23.39	23.30			
1.4	QPSK	3	0	23.41	23.36	23.27	24	1	
1.4	QPSK	3	1	23.46	23.37	23.26			
1.4	QPSK	3	2	23.42	23.36	23.27			
1.4	QPSK	6	0	22.53	22.73	22.63	24	1	
1.4	16QAM	1	0	22.76	22.96	22.87			
1.4	16QAM	1	3	22.72	22.99	22.87			
1.4	16QAM	1	5	22.73	22.95	22.84	24	1	
1.4	16QAM	3	0	22.53	22.74	22.64			
1.4	16QAM	3	1	22.54	22.75	22.64			
1.4	16QAM	3	2	22.52	22.74	22.64	23	2	
1.4	64QAM	1	0	21.64	21.89	21.81			
1.4	64QAM	1	3	21.63	21.86	21.80			
1.4	64QAM	1	5	21.66	21.86	21.78	23	2	
1.4	64QAM	3	0	21.61	21.85	21.71			
1.4	64QAM	3	1	21.64	21.82	21.70			
1.4	64QAM	3	2	21.61	21.78	21.71	22	3	
1.4	64QAM	6	0	20.54	20.75	20.66			
1.4	64QAM	6	0	20.54	20.75	20.66			

Band 4_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									
Frequency (MHz)									
20	QPSK	1	0	24.59	24.71	24.63	25.5	0	
20	QPSK	1	49	24.54	24.65	24.62			
20	QPSK	1	99	24.46	24.54	24.60			
20	QPSK	50	0	23.57	23.75	23.73	24.5	1	
20	QPSK	50	24	23.34	23.70	23.68			
20	QPSK	50	50	23.56	23.64	23.70			
20	QPSK	100	0	23.52	23.70	23.68	24.5	1	
20	16QAM	1	0	23.70	23.77	23.84			
20	16QAM	1	49	23.75	23.87	23.86			
20	16QAM	1	99	23.79	23.82	23.74	23.5	2	
20	16QAM	50	0	22.35	22.71	22.70			
20	16QAM	50	24	22.55	22.69	22.67			
20	16QAM	50	50	22.57	22.65	22.70	22.5	2	
20	16QAM	100	0	22.52	22.65	22.67			
20	64QAM	1	0	22.59	22.80	22.75			
20	64QAM	1	49	22.74	22.75	22.76	23.5	2	
20	64QAM	1	99	22.69	22.64	22.62			
20	64QAM	50	0	21.37	21.75	21.68			
20	64QAM	50	24	21.60	21.69	21.72	22.5	3	
20	64QAM	50	50	21.62	21.66	21.73			
20	64QAM	100	0	21.59	21.68	21.67			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.47	24.60	24.56	25.5	0	
15	QPSK	1	37	24.43	24.52	24.54			
15	QPSK	1	74	24.43	24.51	24.45			
15	QPSK	36	0	23.44	23.60	23.67	24.5	1	
15	QPSK	36	20	23.24	23.58	23.63			
15	QPSK	36	39	23.41	23.49	23.62			
15	QPSK	75	0	23.40	23.61	23.54	24.5	1	
15	16QAM	1	0	23.56	23.64	23.74			
15	16QAM	1	37	23.72	23.81	23.80			
15	16QAM	1	74	23.71	23.73	23.63	23.5	2	
15	16QAM	36	0	22.20	22.64	22.55			
15	16QAM	36	20	22.46	22.54	22.59			
15	16QAM	36	39	22.49	22.58	22.56	23.5	2	
15	16QAM	75	0	22.45	22.53	22.53			
15	64QAM	1	0	22.44	22.72	22.61			
15	64QAM	1	37	22.61	22.60	22.62	23.5	2	
15	64QAM	1	74	22.60	22.58	22.53			
15	64QAM	36	0	21.31	21.61	21.56			
15	64QAM	36	20	21.55	21.63	21.64	22.5	3	
15	64QAM	36	39	21.47	21.57	21.63			
15	64QAM	75	0	21.44	21.63	21.60			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.49	24.57	24.52	25.5	0	
10	QPSK	1	25	24.47	24.52	24.53			
10	QPSK	1	49	24.46	24.53	24.48			
10	QPSK	25	0	23.52	23.70	23.66	24.5	1	
10	QPSK	25	12	23.23	23.55	23.59			
10	QPSK	25	25	23.49	23.49	23.59			
10	QPSK	50	0	23.64	23.60	23.61	24.5	1	
10	16QAM	1	0	23.64	23.69	23.80			
10	16QAM	1	25	23.69	23.78	23.80			
10	16QAM	1	49	23.68	23.67	23.62	23.5	2	
10	16QAM	25	0	22.27	22.63	22.62			
10	16QAM	25	12	22.41	22.62	22.61			
10	16QAM	25	25	22.52	22.55	22.62	23.5	2	
10	16QAM	50	0	22.46	22.51	22.53			
10	64QAM	1	0	22.44	22.68	22.67			
10	64QAM	1	25	22.68	22.61	22.63	23.5	2	
10	64QAM	1	49	22.54	22.54	22.52			
10	64QAM	25	0	21.23	21.69	21.63			
10	64QAM	25	12	21.48	21.62	21.67	22.5	3	
10	64QAM	25	25	21.53	21.56	21.66			
10	64QAM	50	0	21.46	21.63	21.61			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.48	24.59	24.50	25.5	0	
5	QPSK	1	12	24.39	24.56	24.53			
5	QPSK	1	24	24.51	24.53	24.55			
5	QPSK	12	0	23.44	23.68	23.65	24.5	1	
5	QPSK	12	7	23.27	23.59	23.62			
5	QPSK	12	14	23.41	23.57	23.63			
5	QPSK	25	0	23.37	23.64	23.72	24.5	1	
5	16QAM	1	0	23.61	23.66	23.73			
5	16QAM	1	12	23.72	23.72	23.73			
5	16QAM	1	24	23.72	23.73	23.61	23.5	2	
5	16QAM	12	0	22.24	22.57	22.62			
5	16QAM	12	7	22.40	22.62	22.58			
5	16QAM	12	13	22.46	22.50	22.56	23.5	2	
5	16QAM	25	0	22.45	22.56	22.58			
5	64QAM	1	0	22.44	22.65	22.68			
5	64QAM	1	12	22.68	22.66	22.61	23.5	2	
5	64QAM	1	24	22.59	22.50	22.51			
5	64QAM	12	0	21.28	21.64	21.55			
5	64QAM	12	7	21.55	21.64	21.66	22.5	3	
5	64QAM	12	13	21.47	21.53	21.67			
5	64QAM	25	0	21.44	21.56	21.55			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.50	24.65	24.52	25.5	0	
3	QPSK	1	8	24.42	24.56	24.53			
3	QPSK	1	16	24.52	24.51	24.47			
3	QPSK	8	0	23.49	23.63	23.66	24.5	1	
3	QPSK	8	4	23.27	23.61	23.61			
3	QPSK	8	7	23.50	23.50	23.65			
3	QPSK	15	0	23.40	23.62	23.62	24.5	1	
3	16QAM	1	0	23.62	23.66	23.73			
3	16QAM	1	8	23.72	23.72	23.81			
3	16QAM	1	14	23.73	23.75	23.83	23.5	2	
3	16QAM	8	0	22.23	22.59	22.58			
3	16QAM	8	4	22.42	22.61	22.53			
3	16QAM	8	7	22.51	22.50	22.62	23.5	2	
3	16QAM	15	0	22.37	22.52	22.55			
3	64QAM	1	0	22.50	22.65	22.66			
3	64QAM	1	8	22.64	22.63	22.65	23.5	2	
3	64QAM	1	14	22.58	22.53	22.48			
3	64QAM	8	0	21.25	21.63	21.60			
3	64QAM	8	4	21.45	21.64	21.65	22.5	3	
3	64QAM	8	7	21.52	21.56	21.58			
3	64QAM	15	0	21.53	21.53	21.56			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.34	24.55	24.53	25.5	0	
1.4	QPSK	1	3	24.29	24.52	24.56			
1.4	QPSK	1	5	24.38	24.58	24.56			
1.4	QPSK	3	0	24.37	24.57	24.59	24.5	1	
1.4	QPSK	3	1	24.37	24.56	24.58			
1.4	QPSK	3	3	24.37	24.54	24.58			
1.4	QPSK	6	0	23.39	23.57	23.58	24.5	1	
1.4	16QAM	1	0	23.54	23.75	23.76			
1.4	16QAM	1	3	23.56	23.78	23.78	24.5	1	
1.4	16QAM	1	5	23.55	23.75	23.75			
1.4	16QAM	3	0	23.40	23.59	23.61			
1.4	16QAM	3	1	23.41	23.58	23.61	23.5	2	
1.4	16QAM	3	3	23.39	23.54	23.58			
1.4	16QAM	6	0	22.46	22.64	22.65			
1.4	64QAM	1	0	22.47	22.71	22.71	23.5	2	
1.4	64QAM	1	3	22.48	22.65	22.70			
1.4	64QAM	1	5	22.46	22.65	22.69			
1.4	64QAM	3	0	22.48	22.66	22.67	22.5	3	
1.4	64QAM	3	4	22.48	22.66	22.66			
1.4	64QAM	3	3	22.50	22.63	22.67			
1.4	64QAM	6	0	21.42	21.59	21.57	22.5	3	

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.52	24.55	24.47	25.5	0	
20	QPSK	1	49	24.47	24.51	24.35			
20	QPSK	1	99	24.50	24.52	24.42			
20	QPSK	50	0	23.62	23.66	23.51	24.5	1	
20	QPSK	50	24	23.59	23.53	23.49			
20	QPSK	50	50	23.56	23.60	23.45			
20	QPSK	100	0	23.49	23.53	23.46	24.5	1	
20	16QAM	1	0	23.59	23.69	23.71			
20	16QAM	1	49	23.83	23.81	23.72			
20	16QAM	1	99	23.78	23.79	23.63	23.5	2	
20	16QAM	50	0	22.48	22.63	22.49			
20	16QAM	50	24	22.59	22.59	22.51			
20	16QAM	50	50	22.66	22.55	22.44	23.5	2	
20	16QAM	100	0	22.52	22.52	22.45			
20	64QAM	1	0	22.52	22.62	22.56			
20	64QAM	1	49	22.77	22.74	22.63	23.5	2	
20	64QAM	1	99	22.70	22.67	22.57			
20	64QAM	50	0	21.48	21.62	21.51			
20	64QAM	50	24	21.51	21.52	21.49	22.5	3	
20	64QAM	50	50	21.63	21.54	21.43			
20	64QAM	100	0	21.49	21.52	21.45			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.43	24.40	24.37	25.5	0	
15	QPSK	1	37	24.32	24.39	24.23			
15	QPSK	1	74	24.45	24.38	24.28			
15	QPSK	36	0	23.53	23.61	23.39	24.5	1	
15	QPSK	36	20	23.54	23.48	23.42			
15	QPSK	36	39	23.46	23.49	23.39			
15	QPSK	75	0	23.34	23.40	23.31	24.5	1	
15	16QAM	1	0	23.47	23.54	23.64			
15	16QAM	1	37	23.68	23.76	23.66			
15	16QAM	1	74	23.65	23.64	23.52	23.5	2	
15	16QAM	36	0	22.41	22.51	22.42			
15	16QAM	36	20	22.44	22.44	22.38			
15	16QAM	36	39	22.56	22.42	22.29	23.5	2	
15	16QAM	75	0	22.40	22.41	22.32			
15	64QAM	1	0	22.37	22.51	22.50			
15	64QAM	1	37	22.70	22.67	22.56	23.5	2	
15	64QAM	1	74	22.61	22.56	22.49			
15	64QAM	36	0	21.34	21.54	21.41			
15	64QAM	36	20	21.46	21.47	21.41	22.5	3	
15	64QAM	36	39	21.55	21.45	21.37			
15	64QAM	75	0	21.43	21.46	21.38			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.38	24.47	24.42	25.5	0	
10	QPSK	1	25	24.38	24.42	24.28			
10	QPSK	1	49	24.42	24.39	24.33			
10	QPSK	25	0	23.47	23.54	23.45	24.5	1	
10	QPSK	25	12	23.47	23.46	23.39			
10	QPSK	25	25	23.41	23.50	23.32			
10	QPSK	50	0	23.39	23.47	23.32	24.5	1	
10	16QAM	1	0	23.51	23.62	23.56			
10	16QAM	1	25	23.71	23.74	23.58			
10	16QAM	1	49	23.66	23.70	23.55	24.5	1	
10	16QAM	25	0	22.37	22.49	22.43			
10	16QAM	25	12	22.50	22.51	22.37			
10	16QAM	25	25	22.61	22.45	22.31	23.5	2	
10	16QAM	50	0	22.40	22.41	22.36			
10	64QAM	1	0	22.45	22.53	22.49			
10	64QAM	1	25	22.71	22.69	22.52	23.5	2	
10	64QAM	1	49	22.63	22.55	22.52			
10	64QAM	25	0	21.35	21.57	21.41			
10	64QAM	25	12	21.45	21.39	21.43	22.5	3	
10	64QAM	25	25	21.48	21.43	21.36			
10	64QAM	50	0	21.41	21.41	21.35			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	24.44	24.45	24.41	25.5	0	
5	QPSK	1	12	24.37	24.43	24.29			
5	QPSK	1	24	24.35	24.47	24.32			
5	QPSK	12	0	23.47	23.61	23.45	24.5	1	
5	QPSK	12	7	23.52	23.43	23.35			
5	QPSK	12	13	23.48	23.53	23.30			
5	QPSK	25	0	23.34	23.38	23.37	24.5	1	
5	16QAM	1	0	23.47	23.61	23.57			
5	16QAM	1	12	23.74	23.71	23.63			
5	16QAM	1	24	23.68	23.70	23.53	24.5	1	
5	16QAM	12	0	22.36	22.48	22.39			
5	16QAM	12	7	22.45	22.52	22.40			
5	16QAM	12	13	22.55	22.50	22.31	23.5	2	
5	16QAM	25	0	22.47	22.44	22.31			
5	64QAM	1	0	22.41	22.50	22.47			
5	64QAM	1	12	22.63	22.66	22.50	23.5	2	
5	64QAM	1	24	22.62	22.62	22.43			
5	64QAM	12	0	21.35	21.57	21.38			
5	64QAM	12	7	21.37	21.41	21.40	22.5	3	
5	64QAM	12	13	21.54	21.42	21.29			
5	64QAM	25	0	21.34	21.43	21.40			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.72	24.77	24.75	25.5	0	
20	QPSK	1	49	24.69	24.71	24.62			
20	QPSK	1	99	24.61	24.76	24.69			
20	QPSK	50	0	23.81	23.82	23.75	24.5	1	
20	QPSK	50	24	23.67	23.81	23.78			
20	QPSK	50	50	23.77	23.81	23.71			
20	QPSK	100	0	23.72	23.78	23.72	24.5	1	
20	16QAM	1	0	23.87	23.90	23.89			
20	16QAM	1	49	24.02	24.05	24.00			
20	16QAM	1	99	23.97	24.02	23.92	23.5	2	
20	16QAM	50	0	22.63	22.81	22.78			
20	16QAM	50	24	22.73	22.77	22.75			
20	16QAM	50	50	22.82	22.79	22.73	23.5	2	
20	16QAM	100	0	22.72	22.73	22.70			
20	64QAM	1	0	22.85	22.90	22.73			
20	64QAM	1	49	22.87	22.88	22.91	23.5	2	
20	64QAM	1	99	22.88	22.96	22.79			
20	64QAM	50	0	21.58	21.77	21.74			
20	64QAM	50	24	21.74	21.77	21.76	22.5	3	
20	64QAM	50	50	21.77	21.78	21.73			
20	64QAM	100	0	21.70	21.73	21.71			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.62	24.68	24.65	25.5	0	
15	QPSK	1	37	24.59	24.66	24.61			
15	QPSK	1	74	24.51	24.64	24.61			
15	QPSK	36	0	23.66	23.67	23.65	24.5	1	
15	QPSK	36	20	23.66	23.73	23.65			
15	QPSK	36	39	23.68	23.70	23.60			
15	QPSK	75	0	23.64	23.66	23.67	24.5	1	
15	16QAM	1	0	23.77	23.78	23.75			
15	16QAM	1	37	23.92	23.95	23.95			
15	16QAM	1	74	23.83	23.93	23.84	23.5	2	
15	16QAM	36	0	22.48	22.57	22.67			
15	16QAM	36	20	22.61	22.68	22.62			
15	16QAM	36	39	22.73	22.67	22.68	23.5	2	
15	16QAM	75	0	22.58	22.64	22.55			
15	64QAM	1	0	22.76	22.78	22.75			
15	64QAM	1	37	22.79	22.83	22.79	22.5	3	
15	64QAM	1	74	22.83	22.88	22.70			
15	64QAM	36	0	21.44	21.62	21.60			
15	64QAM	36	20	21.63	21.72	21.63	22.5	3	
15	64QAM	36	39	21.62	21.70	21.67			
15	64QAM	75	0	21.59	21.60	21.58			
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.58	24.62	24.60	25.5	0	
10	QPSK	1	25	24.57	24.63	24.56			
10	QPSK	1	49	24.49	24.61	24.61			
10	QPSK	25	0	23.72	23.69	23.70	24.5	1	
10	QPSK	25	12	23.53	23.66	23.70			
10	QPSK	25	25	23.50	23.75	23.65			
10	QPSK	50	0	23.59	23.73	23.65	24.5	1	
10	16QAM	1	0	23.78	23.83	23.83			
10	16QAM	1	25	23.88	23.98	23.86			
10	16QAM	1	49	23.88	23.97	23.86	23.5	2	
10	16QAM	25	0	22.48	22.75	22.65			
10	16QAM	25	12	22.65	22.71	22.69			
10	16QAM	25	25	22.70	22.78	22.69	23.5	2	
10	64QAM	1	0	22.57	22.63	22.55			
10	64QAM	1	0	22.71	22.82	22.80			
10	64QAM	1	25	22.73	22.78	22.67	22.5	3	
10	64QAM	1	49	22.79	22.86	22.69			
10	64QAM	25	0	21.50	21.69	21.59			
10	64QAM	25	12	21.61	21.62	21.62	22.5	3	
10	64QAM	25	25	21.65	21.67	21.63			
10	64QAM	50	0	21.64	21.61	21.62			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	24.66	24.64	24.66	25.5	0	
5	QPSK	1	12	24.54	24.60	24.52			
5	QPSK	1	24	24.48	24.63	24.54			
5	QPSK	12	0	23.68	23.67	23.71	24.5	1	
5	QPSK	12	7	23.59	23.76	23.72			
5	QPSK	12	13	23.62	23.73	23.65			
5	QPSK	25	0	23.64	23.68	23.62	24.5	1	
5	16QAM	1	0	23.72	23.82	23.75			
5	16QAM	1	12	23.90	23.90	23.95			
5	16QAM	1	24	23.91	23.94	23.80	23.5	2	
5	16QAM	12	0	22.54	22.72	22.65			
5	16QAM	12	7	22.62	22.65	22.61			
5	16QAM	12	13	22.72	22.72	22.67	23.5	2	
5	16QAM	25	0	22.62	22.59	22.62			
5	64QAM	1	0	22.75	22.85	22.76			
5	64QAM	1	12	22.78	22.79	22.76	23.5	2	
5	64QAM	1	24	22.80	22.88	22.66			
5	64QAM	12	0	21.46	21.59	21.68			
5	64QAM	12	7	21.65	21.65	21.68	22.5	3	
5	64QAM	12	13	21.62	21.63	21.62			
5	64QAM	25	0	21.55	21.59	21.59			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	25.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.55	23.65	23.75	24.5	1	
10	QPSK	1	25	23.54	23.66	23.57			
10	QPSK	1	49	23.52	23.63	23.52			
10	QPSK	25	0	22.58	22.60	22.55			
10	QPSK	25	12	22.57	22.56	22.50			
10	QPSK	25	25	22.51	22.54	22.53	24.5	1	
10	QPSK	50	0	22.54	22.58	22.52			
10	16QAM	1	0	22.51	22.72	22.86			
10	16QAM	1	25	22.76	22.88	22.78			
10	16QAM	1	49	22.93	22.79	22.53			
10	16QAM	25	0	21.62	21.52	21.51	23.5	2	
10	16QAM	25	12	21.59	21.62	21.59			
10	16QAM	25	25	21.66	21.57	21.54			
10	16QAM	50	0	21.56	21.56	21.55			
10	64QAM	1	0	21.53	21.66	21.68			
10	64QAM	1	25	21.65	21.73	21.67	23.5	2	
10	64QAM	1	49	21.77	21.72	21.52			
10	64QAM	25	0	20.59	20.55	20.51			
10	64QAM	25	12	20.53	20.56	20.54			
10	64QAM	25	25	20.64	20.57	20.52			
10	64QAM	50	0	20.56	20.54	20.53	22.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.60	23.55	23.55	25.5	0	
5	QPSK	1	12	23.59	23.59	23.62			
5	QPSK	1	24	23.60	23.54	23.56			
5	QPSK	12	0	22.53	22.64	22.62			
5	QPSK	12	7	22.60	22.59	22.61			
5	QPSK	12	13	22.63	22.66	22.57	24.5	1	
5	QPSK	25	0	22.64	22.51	22.62			
5	16QAM	1	0	22.58	22.59	22.74			
5	16QAM	1	12	22.67	22.84	22.69			
5	16QAM	1	24	22.88	22.66	22.63			
5	16QAM	12	0	21.62	21.56	21.63	23.5	2	
5	16QAM	12	7	21.64	21.64	21.52			
5	16QAM	12	13	21.54	21.63	21.62			
5	16QAM	25	0	21.62	21.67	21.66			
5	64QAM	1	0	21.61	21.52	21.60			
5	64QAM	1	12	21.53	21.61	21.55	23.5	2	
5	64QAM	1	24	21.63	21.63	21.61			
5	64QAM	12	0	20.69	20.61	20.60			
5	64QAM	12	7	20.58	20.66	20.61			
5	64QAM	12	13	20.50	20.65	20.64			
5	64QAM	25	0	20.62	20.65	20.57	22.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.64	23.60	23.51	25.5	0	
3	QPSK	1	8	23.62	23.64	23.64			
3	QPSK	1	14	23.57	23.61	23.59			
3	QPSK	8	0	22.53	22.52	22.66			
3	QPSK	8	4	22.66	22.60	22.63			
3	QPSK	8	7	22.59	22.60	22.60	24.5	1	
3	QPSK	15	0	22.66	22.63	22.59			
3	16QAM	1	0	22.56	22.62	22.78			
3	16QAM	1	8	22.66	22.80	22.63			
3	16QAM	1	14	22.86	22.68	22.56			
3	16QAM	8	0	21.56	21.63	21.56	23.5	2	
3	16QAM	8	4	21.50	21.63	21.50			
3	16QAM	8	7	21.55	21.52	21.63			
3	16QAM	15	0	21.67	21.66	21.51			
3	64QAM	1	0	21.63	21.54	21.56			
3	64QAM	1	8	21.55	21.63	21.52	23.5	2	
3	64QAM	1	14	21.68	21.57	21.65			
3	64QAM	8	0	20.64	20.62	20.58			
3	64QAM	8	4	20.64	20.59	20.66			
3	64QAM	8	7	20.57	20.62	20.61			
3	64QAM	15	0	20.60	20.62	20.59	22.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.57	23.55	23.52	25.5	0	
1.4	QPSK	1	3	23.55	23.52	23.50			
1.4	QPSK	1	5	23.57	23.56	23.53			
1.4	QPSK	3	0	23.60	23.56	23.53			
1.4	QPSK	3	1	23.53	23.56	23.53			
1.4	QPSK	3	3	23.60	23.58	23.56	24.5	1	
1.4	QPSK	6	0	22.57	22.57	22.60			
1.4	16QAM	1	0	22.76	22.84	22.75			
1.4	16QAM	1	3	22.74	22.83	22.72			
1.4	16QAM	1	5	22.71	22.83	22.72			
1.4	16QAM	3	0	22.50	22.57	22.57	24.5	1	
1.4	16QAM	3	1	22.55	22.56	22.56			
1.4	16QAM	3	3	22.52	22.57	22.61			
1.4	16QAM	6	0	21.55	21.62	21.55			
1.4	64QAM	1	0	21.57	21.72	21.62			
1.4	64QAM	1	3	21.61	21.71	21.64	23.5	2	
1.4	64QAM	1	5	21.56	21.70	21.56			
1.4	64QAM	3	0	21.51	21.66	21.52			
1.4	64QAM	3	1	21.61	21.64	21.50			
1.4	64QAM	3	3	21.56	21.65	21.52			
1.4	64QAM	6	0	20.51	20.51	20.51	22.5	3	

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			25.5	0	
Frequency (MHz)				762					
10	QPSK	1	0		24.51		24.5	1	
10	QPSK	1	25		24.49				
10	QPSK	1	49		24.50				
10	QPSK	25	0		23.48				
10	QPSK	25	12		23.46				
10	QPSK	25	25		23.44		24.5	1	
10	QPSK	50	0		23.52				
10	16QAM	1	0		23.75				
10	16QAM	1	25		23.81				
10	16QAM	1	49		23.74				
10	16QAM	25	0		22.49		23.5	2	
10	16QAM	25	12		22.46				
10	16QAM	25	25		22.46				
10	16QAM	50	0		22.48				
10	64QAM	1	0		22.64				
10	64QAM	1	25		22.61		23.5	2	
10	64QAM	1	49		22.63				
10	64QAM	25	0		21.48				
10	64QAM	25	12		21.44				
10	64QAM	25	25		21.40				
10	64QAM	50	0		21.44		22.5	3	
Channel				23205					
Frequency (MHz)				779.5					
5	QPSK	1	0	24.37	24.37	24.44	25.5	0	
5	QPSK	1	12	24.44	24.42	24.37			
5	QPSK	1	24	24.45	24.44	24.39			
5	QPSK	12	0	23.42	23.38	23.43			
5	QPSK	12	7	23.33	23.38	23.35			
5	QPSK	12	13	23.33	23.34	23.33	24.5	1	
5	QPSK	25	0	23.37	23.42	23.40			
5	16QAM	1	0	23.65	23.63	23.60			
5	16QAM	1	12	23.76	23.71	23.68			
5	16QAM	1	24	23.64	23.59	23.68			
5	16QAM	12	0	22.39	22.34	22.37	23.5	2	
5	16QAM	12	7	22.39	22.35	22.37			
5	16QAM	12	13	22.40	22.31	22.39			
5	16QAM	25	0	22.43	22.42	22.42			
5	64QAM	1	0	22.65	22.63	22.60			
5	64QAM	1	12	22.48	22.56	22.53	23.5	2	
5	64QAM	1	24	22.56	22.54	22.54			
5	64QAM	12	0	21.42	21.43	21.41			
5	64QAM	12	7	21.36	21.31	21.36			
5	64QAM	12	13	21.35	21.29	21.35			
5	64QAM	25	0	21.05	21.06	21.05	22.5	3	
Channel				716.5					
Frequency (MHz)				716.5					
3	QPSK	1	0	24.46	24.39	24.40	25.5	0	
3	QPSK	1	8	24.35	24.39	24.37			
3	QPSK	1	14	24.45	24.37	24.42			
3	QPSK	8	0	23.40	23.37	23.36			
3	QPSK	8	4	23.34	23.31	23.37			
3	QPSK	8	7	23.30	23.31	23.37	24.5	1	
3	QPSK	15	0	23.68	23.39	23.44			
3	16QAM	1	0	23.62	23.63	23.66			
3	16QAM	1	8	23.68	23.76	23.68			
3	16QAM	1	14	23.62	23.61	23.61			
3	16QAM	8	0	22.34	22.38	22.43	23.5	2	
3	16QAM	8	4	22.37	22.37	22.37			
3	16QAM	8	7	22.31	22.36	22.37			
3	16QAM	15	0	22.35	22.43	22.40			
3	64QAM	1	0	22.53	22.51	22.59			
3	64QAM	1	8	22.50	22.56	22.55	23.5	2	
3	64QAM	1	14	22.56	22.51	22.55			
3	64QAM	8	0	21.33	21.38	21.37			
3	64QAM	8	4	21.30	21.38	21.36			
3	64QAM	8	7	21.34	21.36	21.28			
3	64QAM	15	0	21.29	21.33	21.39	22.5	3	
Channel				23187					
Frequency (MHz)				23230					
1.4	QPSK	1	0	24.34	24.41	24.39	25.5	0	
1.4	QPSK	1	3	24.44	24.43	24.44			
1.4	QPSK	1	5	24.42	24.43	24.43			
1.4	QPSK	3	0	24.38	24.43	24.42			
1.4	QPSK	3	1	24.43	24.44	24.43			
1.4	QPSK	3	2	24.46	24.45	24.44	24.5	1	
1.4	QPSK	6	0	23.44	23.44	23.44			
1.4	16QAM	1	0	23.63	23.70	23.71			
1.4	16QAM	1	3	23.71	23.72	23.73			
1.4	16QAM	1	5	23.68	23.69	23.69			
1.4	16QAM	3	0	23.41	23.41	23.42	24.5	1	
1.4	16QAM	3	1	23.44	23.44	23.44			
1.4	16QAM	3	3	23.44	23.41	23.42			
1.4	16QAM	6	0	22.48	22.48	22.49			
1.4	64QAM	1	0	22.49	22.50	22.54			
1.4	64QAM	1	3	22.58	22.55	22.56	23.5	2	
1.4	64QAM	1	5	22.52	22.53	22.53			
1.4	64QAM	3	0	22.47	22.48	22.53			
1.4	64QAM	3	1	22.52	22.55	22.52			
1.4	64QAM	3	3	22.54	22.53	22.52			
1.4	64QAM	6	0	21.36	21.36	21.36	22.5	3	

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	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.56	24.63	24.67			
10	QPSK	1	25	24.52	24.61	24.50			
10	QPSK	1	49	24.55	24.53	24.54	24	1	
10	QPSK	25	0	23.52	23.56	23.52			
10	QPSK	25	12	23.51	23.51	23.50			
10	QPSK	25	25	23.50	23.53	23.48			
10	QPSK	50	0	23.52	23.57	23.54	24	1	
10	16QAM	1	0	23.63	23.80	23.62			
10	16QAM	1	25	23.83	23.76	23.76			
10	16QAM	1	49	23.77	23.78	23.75			
10	16QAM	25	0	22.53	22.51	22.50	23	2	
10	16QAM	25	12	22.57	22.55	22.59			
10	16QAM	25	25	22.53	22.49	22.49			
10	16QAM	50	0	22.52	22.51	22.52			
10	64QAM	1	0	22.66	22.71	22.68	23	2	
10	64QAM	1	25	22.71	22.70	22.67			
10	64QAM	1	49	22.67	22.70	22.70			
10	64QAM	25	0	21.48	21.52	21.47			
10	64QAM	25	12	21.57	21.54	21.57	22	3	
10	64QAM	25	25	21.48	21.51	21.49			
10	64QAM	50	0	21.51	21.48	21.51			
Channel				23755	23790	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.45	24.51	24.48			
5	QPSK	1	12	24.41	24.53	24.45			
5	QPSK	1	24	24.50	24.44	24.42	24	1	
5	QPSK	12	0	23.46	23.41	23.43			
5	QPSK	12	7	23.37	23.39	23.41			
5	QPSK	12	13	23.38	23.42	23.38			
5	QPSK	25	0	23.41	23.47	23.47	24	1	
5	16QAM	1	0	23.68	23.75	23.70			
5	16QAM	1	12	23.73	23.69	23.64			
5	16QAM	1	24	23.62	23.70	23.69			
5	16QAM	12	0	22.46	22.45	22.43	23	2	
5	16QAM	12	7	22.52	22.43	22.47			
5	16QAM	12	13	22.45	22.38	22.37			
5	16QAM	25	0	22.42	22.46	22.39			
5	64QAM	1	0	22.54	22.56	22.57	23	2	
5	64QAM	1	12	22.66	22.58	22.52			
5	64QAM	1	24	22.55	22.61	22.55			
5	64QAM	12	0	21.40	21.40	21.38			
5	64QAM	12	7	21.46	21.40	21.47	22	3	
5	64QAM	12	13	21.43	21.36	21.34			
5	64QAM	25	0	21.39	21.35	21.42			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.87	23.81	23.80			
10	QPSK	1	25	23.82	23.90	23.86			
10	QPSK	1	49	23.84	23.87	23.85	24	1	
10	QPSK	25	0	22.82	22.87	22.86			
10	QPSK	25	12	22.78	22.78	22.77			
10	QPSK	25	25	22.79	22.81	22.78			
10	QPSK	50	0	22.80	22.86	22.82	24	1	
10	16QAM	1	0	23.06	23.16	23.13			
10	16QAM	1	25	23.10	23.05	23.12			
10	16QAM	1	49	23.06	23.08	23.05			
10	16QAM	25	0	21.75	21.81	21.82	23	2	
10	16QAM	25	12	21.86	21.87	21.90			
10	16QAM	25	25	21.81	21.83	21.78			
10	16QAM	50	0	21.80	21.82	21.80			
10	64QAM	1	0	21.93	22.01	21.99	23	2	
10	64QAM	1	25	22.02	21.97	21.99			
10	64QAM	1	49	21.97	21.96	22.00			
10	64QAM	25	0	20.77	20.78	20.77			
10	64QAM	25	12	20.85	20.84	20.88	22	3	
10	64QAM	25	25	20.76	20.79	20.77			
10	64QAM	50	0	20.77	20.79	20.78			
Channel				23755	23790	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.75	23.76	23.84			
5	QPSK	1	12	23.73	23.77	23.75			
5	QPSK	1	24	23.75	23.79	23.70	24	1	
5	QPSK	12	0	22.76	22.76	22.71			
5	QPSK	12	7	22.68	22.71	22.62			
5	QPSK	12	13	22.71	22.71	22.69			
5	QPSK	25	0	22.66	22.72	22.70	24	1	
5	16QAM	1	0	22.93	23.13	23.07			
5	16QAM	1	12	22.99	23.04	23.00			
5	16QAM	1	24	22.98	23.02	22.90			
5	16QAM	12	0	21.65	21.66	21.73	23	2	
5	16QAM	12	7	21.78	21.82	21.75			
5	16QAM	12	13	21.68	21.71	21.73			
5	16QAM	25	0	21.68	21.68	21.75			
5	64QAM	1	0	21.84	21.88	21.85	23	2	
5	64QAM	1	12	21.94	21.92	21.88			
5	64QAM	1	24	21.82	21.87	21.89			
5	64QAM	12	0	20.71	20.66	20.68			
5	64QAM	12	7	20.73	20.71	20.75	22	3	
5	64QAM	12	13	20.63	20.64	20.62			
5	64QAM	25	0	20.63	20.67	20.69			

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	24.56	24.57	24.49	25.5	0	
15	QPSK	1	37	24.55	24.53	24.48			
15	QPSK	1	74	24.52	24.55	24.43			
15	QPSK	36	0	23.47	23.52	23.51			
15	QPSK	36	20	23.45	23.51	23.50	24.5	1	
15	QPSK	36	39	23.44	23.49	23.47			
15	QPSK	75	0	23.49	23.50	23.47			
15	16QAM	1	0	23.62	23.73	23.69			
15	16QAM	1	37	23.77	23.78	23.77	24.5	1	
15	16QAM	1	74	23.75	23.73	23.78			
15	16QAM	36	0	22.48	22.43	22.58			
15	16QAM	36	20	22.51	22.51	22.56			
15	16QAM	36	39	22.49	22.48	22.55	23.5	2	
15	16QAM	75	0	22.46	22.47	22.60			
15	64QAM	1	0	22.51	22.66	22.61			
15	64QAM	1	37	22.66	22.67	22.70			
15	64QAM	1	74	22.60	22.59	22.65	23.5	2	
15	64QAM	36	0	21.48	21.43	21.58			
15	64QAM	36	20	21.45	21.51	21.56			
15	64QAM	36	39	21.46	21.51	21.57			
15	64QAM	75	0	21.48	21.45	21.57	22.5	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.41	24.50	24.36	25.5	0	
10	QPSK	1	25	24.41	24.43	24.33			
10	QPSK	1	49	24.46	24.40	24.34			
10	QPSK	25	0	23.37	23.47	23.38			
10	QPSK	25	12	23.36	23.36	23.42	24.5	1	
10	QPSK	25	25	23.35	23.38	23.34			
10	QPSK	50	0	23.40	23.35	23.41			
10	16QAM	1	0	23.47	23.64	23.62			
10	16QAM	1	25	23.63	23.66	23.68	24.5	1	
10	16QAM	1	49	23.60	23.60	23.66			
10	16QAM	25	0	22.34	22.36	22.50			
10	16QAM	25	12	22.44	22.39	22.51			
10	16QAM	25	25	22.39	22.38	22.46	23.5	2	
10	16QAM	50	0	22.35	22.38	22.49			
10	64QAM	1	0	22.45	22.61	22.48			
10	64QAM	1	25	22.61	22.53	22.65			
10	64QAM	1	49	22.49	22.46	22.51	23.5	2	
10	64QAM	25	0	21.38	21.38	21.43			
10	64QAM	25	12	21.40	21.40	21.42			
10	64QAM	25	25	21.39	21.41	21.43			
10	64QAM	50	0	21.41	21.32	21.42	22.5	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.51	24.45	24.36	25.5	0	
5	QPSK	1	12	24.49	24.48	24.41			
5	QPSK	1	24	24.41	24.50	24.30			
5	QPSK	12	0	23.36	23.38	23.40			
5	QPSK	12	7	23.34	23.46	23.39	24.5	1	
5	QPSK	12	13	23.30	23.39	23.38			
5	QPSK	25	0	23.44	23.45	23.33			
5	16QAM	1	0	23.54	23.58	23.58			
5	16QAM	1	12	23.69	23.69	23.68	24.5	1	
5	16QAM	1	24	23.65	23.65	23.70			
5	16QAM	12	0	22.34	22.35	22.46			
5	16QAM	12	7	22.44	22.36	22.49			
5	16QAM	12	13	22.42	22.37	22.41	23.5	2	
5	16QAM	25	0	22.43	22.34	22.52			
5	64QAM	1	0	22.43	22.51	22.48			
5	64QAM	1	12	22.58	22.55	22.58			
5	64QAM	1	24	22.49	22.46	22.51	23.5	2	
5	64QAM	12	0	21.39	21.31	21.46			
5	64QAM	12	7	21.33	21.38	21.42			
5	64QAM	12	13	21.32	21.37	21.49			
5	64QAM	25	0	21.33	21.31	21.44	22.5	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.50	24.49	24.43	25.5	0	
3	QPSK	1	8	24.43	24.45	24.39			
3	QPSK	1	14	24.44	24.50	24.30			
3	QPSK	8	0	23.41	23.45	23.44			
3	QPSK	8	4	23.30	23.45	23.45	24.5	1	
3	QPSK	8	7	23.30	23.38	23.38			
3	QPSK	15	0	23.37	23.38	23.32			
3	16QAM	1	0	23.50	23.61	23.59			
3	16QAM	1	8	23.66	23.71	23.72	24.5	1	
3	16QAM	1	14	23.67	23.58	23.72			
3	16QAM	8	0	22.43	22.32	22.53			
3	16QAM	8	4	22.45	22.44	22.50			
3	16QAM	8	7	22.36	22.40	22.40	23.5	2	
3	16QAM	15	0	22.43	22.35	22.49			
3	64QAM	1	0	22.37	22.56	22.47			
3	64QAM	1	8	22.56	22.62	22.60			
3	64QAM	1	14	22.49	22.53	22.52	23.5	2	
3	64QAM	8	0	21.40	21.37	21.49			
3	64QAM	8	4	21.34	21.39	21.42			
3	64QAM	8	7	21.34	21.46	21.42			
3	64QAM	15	0	21.42	21.39	21.51	22.5	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.36	24.48	24.56	25.5	0	
1.4	QPSK	1	3	24.38	24.49	24.42			
1.4	QPSK	1	5	24.37	24.49	24.36			
1.4	QPSK	3	0	24.41	24.52	24.43			
1.4	QPSK	3	1	24.44	24.52	24.43	24.5	1	
1.4	QPSK	3	3	24.44	24.51	24.45			
1.4	QPSK	6	0	23.43	23.51	23.59			
1.4	16QAM	1	0	23.61	23.70	23.80			
1.4	16QAM	1	3	23.64	23.77	23.81	24.5	1	
1.4	16QAM	1	5	23.60	23.75	23.82			
1.4	16QAM	3	0	23.47	23.52	23.59			
1.4	16QAM	3	1	23.45	23.50	23.62			
1.4	16QAM	3	3	23.43	23.46	23.62	23.5	2	
1.4	16QAM	6	0	22.48	22.56	22.67			
1.4	64QAM	1	0	22.51	22.59	22.67			
1.4	64QAM	1	3	22.53	22.63	22.68			
1.4	64QAM	1	5	22.50	22.61	22.71	23.5	2	
1.4	64QAM	3	0	22.49	22.57	22.65			
1.4	64QAM	3	1	22.49	22.57	22.68			
1.4	64QAM	3	3	22.49	22.54	22.67			
1.4	64QAM	6	0	21.36	21.43	21.53	22.5	3	

Band 26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.81	23.83	23.82	25.5	0	
15	QPSK	1	37	23.79	23.80	23.77			
15	QPSK	1	74	23.76	23.79	23.81			
15	QPSK	36	0	22.76	22.77	22.75	24.5	1	
15	QPSK	36	20	22.72	22.71	22.70			
15	QPSK	36	39	22.74	22.73	22.71			
15	QPSK	75	0	22.76	22.82	22.77	24.5	1	
15	16QAM	1	0	22.88	22.96	22.99			
15	16QAM	1	37	23.08	23.02	23.08			
15	16QAM	1	74	23.01	23.03	23.01	23.5	2	
15	16QAM	36	0	21.67	21.67	21.67			
15	16QAM	36	20	21.80	21.79	21.79			
15	16QAM	36	39	21.75	21.84	21.70	22.5	3	
15	16QAM	75	0	21.72	21.77	21.75			
15	64QAM	1	0	21.82	21.90	21.88			
15	64QAM	1	37	21.96	21.82	21.93	23.5	2	
15	64QAM	1	74	21.93	21.89	21.87			
15	64QAM	36	0	20.69	20.74	20.74			
15	64QAM	36	20	20.73	20.78	20.80	22.5	3	
15	64QAM	36	39	20.73	20.80	20.71			
15	64QAM	75	0	20.70	20.76	20.66			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.73	23.73	23.75	25.5	0	
10	QPSK	1	37	23.73	23.73	23.73			
10	QPSK	1	49	23.62	23.67	23.76			
10	QPSK	25	0	22.61	22.62	22.61	24.5	1	
10	QPSK	25	12	22.57	22.64	22.62			
10	QPSK	25	25	22.59	22.66	22.59			
10	QPSK	50	0	22.69	22.70	22.62	24.5	1	
10	16QAM	1	0	22.83	22.86	22.87			
10	16QAM	1	25	22.93	22.87	22.91			
10	16QAM	1	49	22.96	22.97	22.87	23.5	2	
10	16QAM	25	0	21.53	21.61	21.66			
10	16QAM	25	12	21.73	21.68	21.74			
10	16QAM	25	25	21.66	21.79	21.56	22.5	3	
10	16QAM	50	0	21.62	21.61	21.67			
10	64QAM	1	0	21.70	21.79	21.76			
10	64QAM	1	25	21.83	21.83	21.84	22.5	2	
10	64QAM	1	49	21.82	21.80	21.73			
10	64QAM	25	0	20.64	20.60	20.68			
10	64QAM	25	12	20.67	20.64	20.70	22.5	3	
10	64QAM	25	25	20.62	20.71	20.63			
10	64QAM	50	0	20.60	20.66	20.53			
Channel				26715	26855	26985	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	846.5			
5	QPSK	1	0	23.71	23.72	23.68	25.5	0	
5	QPSK	1	12	23.71	23.74	23.72			
5	QPSK	1	24	23.71	23.73	23.69			
5	QPSK	12	0	22.68	22.72	22.61	24.5	1	
5	QPSK	12	7	22.58	22.57	22.57			
5	QPSK	12	13	22.59	22.66	22.57			
5	QPSK	25	0	22.65	22.70	22.67	24.5	1	
5	16QAM	1	0	22.82	22.87	22.84			
5	16QAM	1	12	23.02	22.96	22.97			
5	16QAM	1	24	22.90	22.94	22.94	23.5	2	
5	16QAM	12	0	21.59	21.62	21.69			
5	16QAM	12	7	21.72	21.64	21.66			
5	16QAM	12	13	21.60	21.74	21.56	23.5	2	
5	16QAM	25	0	21.61	21.62	21.61			
5	64QAM	1	0	21.72	21.81	21.83			
5	64QAM	1	12	21.89	21.80	21.87	23.5	2	
5	64QAM	1	24	21.84	21.75	21.78			
5	64QAM	12	0	20.63	20.63	20.59			
5	64QAM	12	7	20.62	20.68	20.73	22.5	3	
5	64QAM	12	13	20.63	20.66	20.66			
5	64QAM	25	0	20.61	20.69	20.51			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.70	23.75	23.77	25.5	0	
3	QPSK	1	8	23.65	23.66	23.65			
3	QPSK	1	14	23.70	23.72	23.75			
3	QPSK	8	0	22.61	22.62	22.64	24.5	1	
3	QPSK	8	4	22.67	22.56	22.65			
3	QPSK	8	7	22.68	22.66	22.67			
3	QPSK	15	0	22.62	22.71	22.64	24.5	1	
3	16QAM	1	0	22.82	22.91	22.84			
3	16QAM	1	8	22.97	22.95	22.92			
3	16QAM	1	14	22.89	22.96	22.91	23.5	2	
3	16QAM	8	0	21.58	21.61	21.65			
3	16QAM	8	4	21.68	21.72	21.67			
3	16QAM	8	7	21.68	21.67	21.67	22.5	3	
3	16QAM	15	0	21.59	21.67	21.65			
3	64QAM	1	0	21.75	21.83	21.80			
3	64QAM	1	8	21.92	21.86	21.87	23.5	2	
3	64QAM	1	14	21.84	21.74	21.74			
3	64QAM	8	0	20.58	20.61	20.59			
3	64QAM	8	4	20.67	20.67	20.61	22.5	3	
3	64QAM	8	7	20.65	20.67	20.65			
3	64QAM	15	0	20.57	20.63	20.57			
Channel				26897	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.67	23.76	23.74	25.5	0	
1.4	QPSK	1	3	23.73	23.75	23.76			
1.4	QPSK	1	5	23.70	23.74	23.77			
1.4	QPSK	3	0	23.73	23.74	23.73	24.5	1	
1.4	QPSK	3	1	23.74	23.76	23.76			
1.4	QPSK	3	3	23.73	23.74	23.77			
1.4	QPSK	6	0	22.72	22.77	22.82	24.5	1	
1.4	16QAM	1	0	22.89	22.96	23.02			
1.4	16QAM	1	3	22.91	22.95	23.07			
1.4	16QAM	1	5	22.87	22.94	23.02	23.5	2	
1.4	16QAM	3	0	22.74	22.76	22.84			
1.4	16QAM	3	3	22.72	22.71	22.83			
1.4	64QAM	1	0	21.76	21.79	21.88	23.5	2	
1.4	64QAM	1	3	21.81	21.88	21.92			
1.4	64QAM	1	3	21.81	21.86	21.94			
1.4	64QAM	1	5	21.79	21.85	21.93	22.5	3	
1.4	64QAM	3	0	21.78	21.82	21.87			
1.4	64QAM	3	1	21.78	21.83	21.91			
1.4	64QAM	3	3	21.77	21.79	21.90	22.5		
1.4	64QAM	6	0	20.62	20.67	20.73			

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.65	24.67	24.44		
20	QPSK	1	49	24.61	24.50	24.39	25.7	0
20	QPSK	1	99	24.64	24.48	24.36		
20	QPSK	50	0	23.76	23.94	23.80		
20	QPSK	50	24	23.77	23.66	23.57		
20	QPSK	50	50	23.77	23.62	23.55	24.7	1
20	QPSK	100	0	23.67	23.76	23.56		
20	16QAM	1	0	23.83	23.66	23.54		
20	16QAM	1	49	23.81	23.64	23.56	24.7	1
20	16QAM	1	99	23.76	23.59	23.55		
20	16QAM	50	0	22.84	22.82	22.53		
20	16QAM	50	24	22.78	22.64	22.56	23.7	2
20	16QAM	50	50	22.76	22.62	22.60		
20	16QAM	100	0	22.77	22.63	22.55		
20	64QAM	1	0	22.54	22.36	22.24		
20	64QAM	1	49	22.51	22.33	22.25	23.7	2
20	64QAM	1	99	22.44	22.27	22.29		
20	64QAM	50	0	21.79	21.62	21.52		
20	64QAM	50	24	21.74	21.61	21.55	22.7	3
20	64QAM	50	50	21.75	21.58	21.55		
20	64QAM	100	0	21.74	21.61	21.53		
Channel				37825	38000	38175		
Frequency (MHz)				25725	2595	2612.5		
15	QPSK	1	0	24.56	24.52	24.38	25.7	0
15	QPSK	1	37	24.52	24.37	24.23		
15	QPSK	1	74	24.56	24.33	24.39		
15	QPSK	36	0	23.67	23.72	23.54		
15	QPSK	36	20	23.72	23.57	23.42	24.7	1
15	QPSK	36	39	23.66	23.54	23.41		
15	QPSK	75	0	23.52	23.67	23.44		
15	16QAM	1	0	23.76	23.61	23.41		
15	16QAM	1	37	23.74	23.58	23.48	24.7	1
15	16QAM	1	74	23.71	23.53	23.44		
15	16QAM	36	0	22.78	22.47	22.44		
15	16QAM	36	20	22.64	22.58	22.50	23.7	2
15	16QAM	36	39	22.66	22.51	22.46		
15	16QAM	75	0	22.69	22.45	22.49		
15	64QAM	1	0	22.40	22.25	22.11		
15	64QAM	1	37	22.38	22.18	22.10	23.7	2
15	64QAM	1	74	22.33	22.22	22.16		
15	64QAM	36	0	21.70	21.53	21.46		
15	64QAM	36	20	21.63	21.52	21.41	22.7	3
15	64QAM	36	39	21.61	21.43	21.50		
15	64QAM	75	0	21.64	21.46	21.47		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.54	24.62	24.34	25.7	0
10	QPSK	1	25	24.56	24.44	24.30		
10	QPSK	1	49	24.54	24.39	24.28		
10	QPSK	25	0	23.67	23.76	23.53		
10	QPSK	25	12	23.72	23.52	23.45	24.7	1
10	QPSK	25	25	23.71	23.50	23.45		
10	QPSK	50	0	23.59	23.64	23.44		
10	16QAM	1	0	23.78	23.59	23.48		
10	16QAM	1	25	23.68	23.49	23.43	24.7	1
10	16QAM	1	49	23.63	23.53	23.44		
10	16QAM	25	0	22.71	22.47	22.41		
10	16QAM	25	12	22.72	22.54	22.51	23.7	2
10	16QAM	25	25	22.68	22.55	22.51		
10	16QAM	50	0	22.62	22.56	22.49		
10	64QAM	1	0	22.47	22.27	22.12	23.7	2
10	64QAM	1	25	22.40	22.19	22.19		
10	64QAM	1	49	22.34	22.12	22.19		
10	64QAM	25	0	21.71	21.51	21.39		
10	64QAM	25	12	21.60	21.55	21.45	22.7	3
10	64QAM	25	25	21.61	21.51	21.43		
10	64QAM	50	0	21.66	21.56	21.44		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.50	24.62	24.33	25.7	0
5	QPSK	1	12	24.48	24.40	24.27		
5	QPSK	1	24	24.49	24.37	24.25		
5	QPSK	12	0	23.65	23.75	23.50		
5	QPSK	12	7	23.64	23.60	23.46	24.7	1
5	QPSK	12	13	23.70	23.49	23.46		
5	QPSK	25	0	23.52	23.71	23.48		
5	16QAM	1	0	23.71	23.59	23.39		
5	16QAM	1	12	23.71	23.49	23.45	24.7	1
5	16QAM	1	24	23.65	23.44	23.50		
5	16QAM	12	0	22.70	22.47	22.47		
5	16QAM	12	7	22.72	22.51	22.41	23.7	2
5	16QAM	12	13	22.64	22.49	22.54		
5	16QAM	25	0	22.71	22.49	22.48		
5	64QAM	1	0	22.42	22.28	22.10	23.7	2
5	64QAM	1	12	22.43	22.23	22.13		
5	64QAM	1	24	22.33	22.15	22.19		
5	64QAM	12	0	21.71	21.57	21.46		
5	64QAM	12	7	21.68	21.50	21.41	22.7	3
5	64QAM	12	13	21.67	21.53	21.40		
5	64QAM	25	0	21.62	21.55	21.39		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.52	24.55	24.80	25.7	0
20	QPSK	1	49	24.90	24.83	24.73		
20	QPSK	1	99	24.90	24.83	24.75		
20	QPSK	50	0	23.85	24.10	23.93		
20	QPSK	50	24	23.91	23.94	23.91	24.7	1
20	QPSK	50	50	23.94	23.95	23.90		
20	QPSK	100	0	23.93	24.04	23.91		
20	16QAM	1	0	24.09	23.96	23.87		
20	16QAM	1	49	24.08	23.95	23.93	24.7	1
20	16QAM	1	99	24.05	23.93	23.93		
20	16QAM	50	0	23.11	22.93	22.92		
20	16QAM	50	24	23.05	22.95	22.89	23.7	2
20	16QAM	50	50	23.06	22.92	22.93		
20	16QAM	100	0	23.03	22.95	22.88		
20	64QAM	1	0	22.80	22.71	22.61		
20	64QAM	1	49	22.80	22.68	22.62	23.7	2
20	64QAM	1	99	22.76	22.64	22.63		
20	64QAM	50	0	22.08	21.93	21.87		
20	64QAM	50	24	22.02	21.95	21.88	22.7	3
20	64QAM	50	50	22.02	21.91	21.93		
20	64QAM	100	0	22.04	21.93	21.89		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.79	24.80	24.70	25.7	0
15	QPSK	1	37	24.76	24.71	24.67		
15	QPSK	1	74	24.82	24.75	24.66		
15	QPSK	36	0	23.87	23.86	23.83		
15	QPSK	36	20	23.81	23.86	23.78	24.7	1
15	QPSK	36	39	23.84	23.83	23.83		
15	QPSK	75	0	23.85	23.95	23.80		
15	16QAM	1	0	23.96	23.91	23.79		
15	16QAM	1	37	23.97	23.90	23.82	24.7	1
15	16QAM	1	74	23.95	23.82	23.83		
15	16QAM	36	0	23.03	22.80	22.87		
15	16QAM	36	20	23.00	22.86	22.76	23.7	2
15	16QAM	36	39	22.97	22.87	22.79		
15	16QAM	75	0	22.90	22.83	22.80		
15	64QAM	1	0	22.70	22.64	22.55		
15	64QAM	1	37	22.65	22.54	22.47	23.7	2
15	64QAM	1	74	22.70	22.67	22.54		
15	64QAM	36	0	21.98	21.83	21.80		
15	64QAM	36	20	21.95	21.82	21.78	22.7	3
15	64QAM	36	39	21.97	21.84	21.79		
15	64QAM	75	0	21.94	21.88	21.79		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.79	24.81	24.65	25.7	0
10	QPSK	1	25	24.77	24.70	24.58		
10	QPSK	1	49	24.79	24.77	24.70		
10	QPSK	25	0	23.80	24.00	23.84		
10	QPSK	25	12	23.83	23.81	23.82	24.7	1
10	QPSK	25	25	23.83	23.81	23.77		
10	QPSK	50	0	23.84	23.96	23.84		
10	16QAM	1	0	23.98	23.91	23.82		
10	16QAM	1	25	24.03	23.90	23.86	24.7	1
10	16QAM	1	49	23.95	23.78	23.61		
10	16QAM	25	0	23.00	22.84	22.87		
10	16QAM	25	12	23.00	22.84	22.80	23.7	2
10	16QAM	25	25	22.91	22.81	22.87		
10	16QAM	50	0	22.95	22.86	22.81		
10	64QAM	1	0	22.65	22.61	22.51		
10	64QAM	1	25	22.70	22.58	22.56	23.7	2
10	64QAM	1	49	22.67	22.59	22.50		
10	64QAM	25	0	22.02	21.78	21.75		
10	64QAM	25	12	21.89	21.86	21.78	22.7	3
10	64QAM	25	25	21.92	21.77	21.80		
10	64QAM	50	0	21.99	21.79	21.78		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.84	24.80	24.67	25.7	0
5	QPSK	1	24	24.79	24.71	24.64		
5	QPSK	1	24	24.76	24.71	24.65		
5	QPSK	12	0	23.80	24.01	23.83		
5	QPSK	12	7	23.86	23.83	23.86	24.7	1
5	QPSK	12	13	23.83	23.80	23.77		
5	QPSK	25	0	23.88	23.94	23.76		
5	16QAM	1	0	23.99	23.96	23.86		
5	16QAM	1	12	23.93	23.85	23.78	24.7	1
5	16QAM	1	24	24.00	23.79	23.85		
5	16QAM	12	0	23.05	22.88	22.80		
5	16QAM	12	7	23.07	22.87	22.83	23.7	2
5	16QAM	12	13	23.07	22.87	22.85		
5	16QAM	25	0	22.92	22.82	22.82		
5	64QAM	1	0	22.66	22.60	22.49		
5	64QAM	1	12	22.70	22.59	22.51	23.7	2
5	64QAM	1	24	22.71	22.57	22.52		
5	64QAM	12	0	21.97	21.86	21.81		
5	64QAM	12	13	21.92	21.80	21.76	22.7	3
5	64QAM	12	25	21.95	21.86	21.85		
5	64QAM	25	0	21.87	21.76	21.80		

Band 41_Ant 2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2502	2549.5	2593	2636.5	2680			
20	QPSK	1	0	24.72	24.66	24.75	24.45	24.74	25.7	0	
20	QPSK	1	49	24.71	24.64	24.74	24.43	24.71			
20	QPSK	1	99	24.69	24.65	24.68	24.44	24.72			
20	QPSK	50	0	23.87	23.80	23.93	23.69	23.92	24.7	1	
20	QPSK	50	24	23.83	23.87	23.88	23.67	23.91			
20	QPSK	50	50	23.85	23.87	23.89	23.66	23.88			
20	QPSK	100	0	23.85	23.81	23.87	23.67	23.84	24.7	1	
20	16QAM	1	0	24.16	23.86	23.93	23.58	24.06			
20	16QAM	1	49	24.18	23.88	23.92	23.67	24.08			
20	16QAM	1	99	24.14	24.02	23.84	23.72	24.00	23.7	2	
20	16QAM	50	0	23.11	22.84	22.92	22.68	23.10			
20	16QAM	50	24	23.15	22.88	22.90	22.72	23.08			
20	16QAM	50	50	23.20	22.94	22.87	22.66	23.05	23.7	2	
20	16QAM	100	0	23.14	22.90	22.87	22.67	23.07			
20	64QAM	1	0	22.89	22.56	22.64	22.30	22.76			
20	64QAM	1	49	22.92	22.60	22.62	22.36	22.78	23.7	2	
20	64QAM	1	99	22.84	22.71	22.53	22.43	22.71			
20	64QAM	50	0	22.09	21.80	21.90	21.66	22.06			
20	64QAM	50	24	22.12	21.86	21.87	21.69	22.05	22.7	3	
20	64QAM	50	50	22.16	21.90	21.85	21.63	22.01			
20	64QAM	100	0	22.13	21.89	21.87	21.65	22.04			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	24.59	24.51	24.67	24.30	24.65	25.7	0	
15	QPSK	1	37	24.59	24.54	24.62	24.29	24.58			
15	QPSK	1	74	24.58	24.5	24.61	24.37	24.61			
15	QPSK	36	0	23.74	23.81	23.80	23.61	23.79	24.7	1	
15	QPSK	36	20	23.77	23.82	23.77	23.60	23.79			
15	QPSK	36	39	23.76	23.82	23.81	23.59	23.82			
15	QPSK	75	0	23.60	23.75	23.74	23.62	23.79	24.7	1	
15	16QAM	1	0	24.07	23.72	23.78	23.43	23.98			
15	16QAM	1	37	24.09	23.74	23.84	23.53	23.93			
15	16QAM	1	74	24.08	23.91	23.69	23.58	23.85	23.7	2	
15	16QAM	36	0	23.03	22.69	22.77	22.61	23.00			
15	16QAM	36	20	23.01	22.76	22.85	22.64	23.02			
15	16QAM	36	39	23.09	22.87	22.73	22.61	22.91	23.7	2	
15	16QAM	75	0	23.04	22.81	22.81	22.57	23.02			
15	64QAM	1	0	22.77	22.51	22.52	22.16	22.71			
15	64QAM	1	37	22.87	22.51	22.49	22.31	22.64	23.7	2	
15	64QAM	1	74	22.79	22.62	22.38	22.34	22.61			
15	64QAM	36	0	21.99	21.69	21.80	21.53	21.97			
15	64QAM	36	20	22.07	21.81	21.82	21.59	21.99	22.7	3	
15	64QAM	36	39	22.06	21.77	21.72	21.53	21.88			
15	64QAM	75	0	21.98	21.77	21.81	21.52	21.98			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	24.66	24.61	24.63	24.36	24.60	25.7	0	
10	QPSK	1	25	24.57	24.54	24.64	24.38	24.66			
10	QPSK	1	49	24.61	24.53	24.56	24.29	24.62			
10	QPSK	25	0	23.81	23.82	23.78	23.56	23.82	24.7	1	
10	QPSK	25	12	23.78	23.80	23.79	23.53	23.77			
10	QPSK	25	25	23.75	23.77	23.82	23.59	23.80			
10	QPSK	50	0	23.78	23.71	23.77	23.58	23.70	23.7	2	
10	16QAM	1	0	24.02	23.73	23.83	23.45	23.93			
10	16QAM	1	25	24.09	23.81	23.80	23.62	23.99			
10	16QAM	1	49	24.09	23.89	23.73	23.64	23.90	23.7	2	
10	16QAM	25	0	23.01	22.72	22.79	22.53	23.05			
10	16QAM	25	12	23.08	22.77	22.85	22.66	22.94			
10	16QAM	25	25	23.14	22.82	22.72	22.55	22.99	23.7	2	
10	16QAM	50	0	23.06	22.83	22.81	22.61	22.94			
10	64QAM	1	0	22.74	22.47	22.51	22.24	22.61			
10	64QAM	1	25	22.82	22.52	22.52	22.27	22.66	23.7	2	
10	64QAM	1	49	22.69	22.56	22.36	22.33	22.62			
10	64QAM	25	0	21.94	21.66	21.75	21.56	21.99			
10	64QAM	25	12	22.00	21.81	21.72	21.54	21.93	22.7	3	
10	64QAM	25	25	22.02	21.79	21.74	21.50	21.93			
10	64QAM	50	0	21.98	21.76	21.79	21.57	21.96			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	24.58	24.58	24.67	24.40	24.67	25.7	0	
5	QPSK	1	12	24.62	24.57	24.63	24.38	24.58			
5	QPSK	1	24	24.58	24.58	24.55	24.35	24.67			
5	QPSK	12	0	23.77	23.82	23.78	23.61	23.80	24.7	1	
5	QPSK	12	7	23.78	23.78	23.78	23.54	23.80			
5	QPSK	12	13	23.70	23.80	23.78	23.56	23.82			
5	QPSK	25	0	23.72	23.74	23.78	23.57	23.78	23.7	2	
5	16QAM	1	0	24.02	23.77	23.88	23.53	23.98			
5	16QAM	1	12	24.10	23.81	23.81	23.62	23.94			
5	16QAM	1	24	24.01	23.90	23.72	23.58	23.87	23.7	2	
5	16QAM	12	0	22.99	22.77	22.83	22.53	22.99			
5	16QAM	12	7	23.00	22.81	22.80	22.63	22.93			
5	16QAM	12	13	23.14	22.84	22.76	22.53	22.96	23.7	2	
5	16QAM	25	0	23.01	22.80	22.76	22.59	22.95			
5	64QAM	1	0	22.84	22.50	22.53	22.17	22.61			
5	64QAM	1	12	22.79	22.55	22.51	22.23	22.67	23.7	2	
5	64QAM	1	24	22.74	22.65	22.38	22.35	22.60			
5	64QAM	12	0	21.97	21.75	21.82	21.52	22.00			
5	64QAM	12	7	21.99	21.72	21.73	21.56	21.97	22.7	3	
5	64QAM	12	13	22.04	21.83	21.78	21.59	21.86			
5	64QAM	25	0	22.00	21.78	21.80	21.54	21.91			

Band 41_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	Time-up limit (dBm)		MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.47	23.47	23.63	23.55	23.60	24.5	0	
20	QPSK	1	49	23.41	23.33	23.58	23.51	23.51			
20	QPSK	1	99	23.42	23.24	23.53	23.45	23.39			
20	QPSK	50	0	22.76	22.61	22.78	22.76	22.74	23.5	1	
20	QPSK	50	24	22.68	22.47	22.72	22.74	22.73			
20	QPSK	50	50	22.57	22.44	22.77	22.70	22.70			
20	QPSK	100	0	22.64	22.49	22.75	22.72	22.71	23.5	1	
20	16QAM	1	0	22.64	22.43	22.70	22.67	22.64			
20	16QAM	1	49	22.70	22.47	22.75	22.75	22.65			
20	16QAM	1	99	22.66	22.63	22.77	22.81	22.66	22.5	2	
20	16QAM	50	0	21.62	21.43	21.72	21.75	21.63			
20	16QAM	50	24	21.66	21.47	21.73	21.78	21.63			
20	16QAM	50	50	21.75	21.54	21.77	21.78	21.76	21.5	3	
20	16QAM	100	0	21.66	21.50	21.73	21.75	21.85			
20	64QAM	1	0	21.37	21.11	21.39	21.38	21.64			
20	64QAM	1	49	21.40	21.17	21.43	21.50	21.56	22.5	2	
20	64QAM	1	99	21.38	21.31	21.45	21.51	21.37			
20	64QAM	50	0	20.38	20.30	20.41	20.70	20.91			
20	64QAM	50	24	20.63	20.44	20.70	20.78	20.81	21.5	3	
20	64QAM	50	50	20.70	20.49	20.73	20.75	20.74			
20	64QAM	100	0	20.62	20.48	20.69	20.74	20.81			
Channel				39725	40173	40620	41068	41515	Time-up limit (dBm)		MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.36	23.42	23.56	23.46	23.47	24.5	0	
15	QPSK	1	37	23.27	23.22	23.46	23.43	23.36			
15	QPSK	1	74	23.33	23.15	23.41	23.29	23.26			
15	QPSK	36	0	22.68	22.46	22.73	22.70	22.63	23.5	1	
15	QPSK	36	20	22.59	22.39	22.61	22.68	22.67			
15	QPSK	36	39	22.44	22.29	22.67	22.55	22.55			
15	QPSK	75	0	22.53	22.38	22.70	22.62	22.63	23.5	1	
15	16QAM	1	0	22.54	22.29	22.58	22.55	22.80			
15	16QAM	1	37	22.56	22.34	22.61	22.70	22.74			
15	16QAM	1	74	22.58	22.51	22.65	22.62	22.64	22.5	2	
15	16QAM	36	0	21.50	21.32	21.64	21.65	21.85			
15	16QAM	36	20	21.53	21.39	21.61	21.74	21.78			
15	16QAM	36	39	21.69	21.40	21.67	21.69	21.70	21.5	3	
15	16QAM	75	0	21.54	21.43	21.62	21.61	21.73			
15	64QAM	1	0	21.27	21.00	21.30	21.33	21.49			
15	64QAM	1	37	21.30	21.07	21.32	21.38	21.43	22.5	2	
15	64QAM	1	74	21.23	21.21	21.38	21.39	21.23			
15	64QAM	36	0	20.52	20.28	20.55	20.65	20.77			
15	64QAM	36	20	20.53	20.31	20.63	20.72	20.68	21.5	3	
15	64QAM	36	39	20.65	20.41	20.65	20.66	20.65			
15	64QAM	75	0	20.47	20.36	20.63	20.68	20.66			
Channel				39700	40160	40620	41086	41540	Time-up limit (dBm)		MPR (dB)
Frequency (MHz)				25047	25493	2593	26403	26853			
10	QPSK	1	0	23.36	23.38	23.48	23.50	23.47	24.5	0	
10	QPSK	1	26	23.36	23.25	23.48	23.46	23.38			
10	QPSK	1	49	23.37	23.10	23.39	23.32	23.26			
10	QPSK	25	12	22.61	22.46	22.64	22.69	22.64	23.5	1	
10	QPSK	25	12	22.63	22.32	22.59	22.66	22.62			
10	QPSK	50	0	22.42	22.36	22.67	22.69	22.59			
10	16QAM	1	0	22.56	22.38	22.57	22.62	22.63	23.5	1	
10	16QAM	1	25	22.60	22.38	22.60	22.69	22.81			
10	16QAM	1	49	22.57	22.57	22.67	22.68	22.59			
10	16QAM	25	0	21.47	21.28	21.57	21.69	21.88	22.5	2	
10	16QAM	25	12	21.56	21.35	21.68	21.69	21.71			
10	16QAM	25	25	21.62	21.46	21.71	21.70	21.84			
10	16QAM	50	0	21.68	21.41	21.62	21.67	21.74	22.5	2	
10	64QAM	1	0	21.29	20.97	21.27	21.28	21.57			
10	64QAM	1	25	21.26	21.02	21.32	21.38	21.48			
10	64QAM	1	49	21.32	21.19	21.36	21.37	21.31	21.5	3	
10	64QAM	25	0	20.50	20.34	20.59	20.63	20.82			
10	64QAM	25	12	20.49	20.36	20.59	20.65	20.71			
10	64QAM	25	25	20.58	20.41	20.65	20.65	20.61	21.5	3	
10	64QAM	50	0	20.47	20.38	20.61	20.69	20.74			
10	64QAM	50	0	20.47	20.38	20.61	20.69	20.74			
Channel				39675	40148	40620	41093	41565	Time-up limit (dBm)		MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.36	23.41	23.54	23.42	23.52	24.5	0	
5	QPSK	1	12	23.34	23.26	23.48	23.39	23.40			
5	QPSK	1	24	23.27	23.10	23.47	23.31	23.25			
5	QPSK	12	0	22.64	22.45	22.69	22.66	22.63	23.5	1	
5	QPSK	12	7	22.60	22.33	22.65	22.66	22.66			
5	QPSK	12	13	22.62	22.36	22.62	22.67	22.61			
5	QPSK	25	0	22.57	22.34	22.64	22.64	22.65	23.5	1	
5	16QAM	1	0	22.55	22.29	22.64	22.53	22.85			
5	16QAM	1	12	22.57	22.41	22.70	22.68	22.70			
5	16QAM	1	24	22.54	22.58	22.72	22.75	22.59	22.5	2	
5	16QAM	12	0	21.51	21.34	21.59	21.65	21.80			
5	16QAM	12	7	21.61	21.39	21.64	21.70	21.72			
5	16QAM	12	13	21.68	21.42	21.62	21.65	21.69	21.5	3	
5	16QAM	25	0	21.59	21.45	21.59	21.70	21.78			
5	64QAM	1	0	21.27	20.97	21.26	21.24	21.59			
5	64QAM	1	12	21.26	21.11	21.28	21.44	21.46	22.5	2	
5	64QAM	1	24	21.32	21.24	21.36	21.36	21.30			
5	64QAM	12	0	20.53	20.32	20.56	20.58	20.78			
5	64QAM	12	7	20.53	20.37	20.61	20.68	20.68	21.5	3	
5	64QAM	12	13	20.64	20.38	20.63	20.69	20.61			
5	64QAM	25	0	20.55	20.39	20.58	20.67	20.75			

Band 41_Ant 4													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	25.09	25.07	25.13	24.75	24.93	25.7	0			
20	QPSK	1	49	25.02	24.98	25.04	24.70	24.92					
20	QPSK	1	99	25.02	24.96	25.01	24.73	24.85					
20	QPSK	50	0	24.23	24.13	24.25	24.03	24.24					
20	QPSK	50	24	24.21	24.07	24.19	24.00	24.21	24.7	1			
20	QPSK	50	50	24.20	24.05	24.17	23.99	24.18					
20	QPSK	100	0	24.18	24.09	24.22	23.99	24.13					
20	16QAM	1	0	24.31	24.05	24.21	23.94	24.29					
20	16QAM	1	49	24.36	24.11	24.20	24.00	24.24	24.7	1			
20	16QAM	1	99	24.34	24.24	24.16	24.05	24.14					
20	16QAM	50	0	23.26	23.04	23.21	23.01	23.30					
20	16QAM	50	24	23.32	23.08	23.21	23.04	23.24					
20	16QAM	50	50	23.40	23.14	23.17	22.99	23.18	23.7	2			
20	16QAM	100	0	23.28	23.10	23.16	22.98	23.23					
20	64QAM	1	0	23.03	22.75	22.92	22.64	22.98					
20	64QAM	1	49	23.04	22.80	22.91	22.71	22.97					
20	64QAM	1	99	23.02	22.92	22.86	22.74	22.83	23.7	2			
20	64QAM	50	0	22.22	22.02	22.18	21.96	22.29					
20	64QAM	50	24	22.30	22.04	22.18	22.01	22.22					
20	64QAM	50	50	22.36	22.13	22.14	21.97	22.15					
20	64QAM	100	0	22.29	22.08	22.16	21.99	22.22	Tune-up limit (dBm) MPR (dB)				
Channel				39725	40173	40620	41068	41515					
Frequency (MHz)				25015	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	25.00	24.99	25.02	24.68	24.79	25.7	0			
15	QPSK	1	37	24.88	24.89	24.92	24.59	24.80					
15	QPSK	1	74	24.94	24.91	24.92	24.68	24.73					
15	QPSK	36	0	24.16	24.03	24.16	23.93	24.16					
15	QPSK	36	20	24.16	23.96	24.14	23.88	24.11	24.7	1			
15	QPSK	36	36	24.10	23.94	24.09	23.93	24.07					
15	QPSK	75	0	24.07	23.99	24.08	23.87	24.01					
15	16QAM	1	0	24.22	23.90	24.06	23.85	24.20					
15	16QAM	1	37	24.29	23.96	24.08	23.93	24.17	24.7	1			
15	16QAM	1	74	24.20	24.19	24.06	23.99	23.99					
15	16QAM	36	0	23.13	22.93	23.11	22.89	23.23					
15	16QAM	36	20	23.20	22.98	23.11	22.90	23.12					
15	16QAM	36	36	23.26	23.04	23.04	22.94	23.05	23.7	2			
15	16QAM	75	0	23.23	22.98	23.09	22.92	23.08					
15	64QAM	1	0	22.96	22.60	22.82	22.59	22.93					
15	64QAM	1	37	22.95	22.73	22.85	22.64	22.83					
15	64QAM	1	74	22.91	22.85	22.74	22.65	22.69	22.7	3			
15	64QAM	36	0	22.11	21.96	22.12	21.85	22.23					
15	64QAM	36	20	22.18	21.92	22.08	21.94	22.17					
15	64QAM	36	36	22.23	21.98	22.05	21.90	22.08					
15	64QAM	75	0	22.16	22.00	22.06	21.93	22.07	Tune-up limit (dBm) MPR (dB)				
Channel				39700	40160	40620	41080	41540					
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	25.04	25.00	25.03	24.64	24.83	25.7	0			
10	QPSK	1	25	24.91	24.90	24.96	24.61	24.77					
10	QPSK	1	49	24.90	24.84	24.88	24.62	24.80					
10	QPSK	25	0	24.13	24.04	24.19	23.94	24.10					
10	QPSK	25	12	24.14	24.01	24.06	23.85	24.11	24.7	1			
10	QPSK	25	25	24.09	23.94	24.11	23.88	24.07					
10	QPSK	50	0	24.09	23.99	24.10	23.88	24.03					
10	16QAM	1	0	24.17	24.00	24.15	23.84	24.14					
10	16QAM	1	25	24.24	24.01	24.05	23.94	24.16	24.7	1			
10	16QAM	1	49	24.24	24.13	24.07	24.00	24.01					
10	16QAM	25	0	23.21	22.90	23.16	22.91	23.17					
10	16QAM	25	12	23.21	22.93	23.07	22.98	23.09					
10	16QAM	25	25	23.27	23.01	23.03	22.86	23.13	23.7	2			
10	16QAM	50	0	23.16	23.05	23.03	22.83	23.16					
10	64QAM	1	0	22.96	22.61	22.82	22.50	22.85					
10	64QAM	1	25	22.98	22.72	22.80	22.64	22.85					
10	64QAM	1	49	22.96	22.86	22.78	22.67	22.73	22.7	3			
10	64QAM	25	0	22.10	21.95	22.09	21.82	22.16					
10	64QAM	25	12	22.18	21.98	22.07	21.92	22.08					
10	64QAM	25	25	22.22	22.06	22.05	21.86	22.10					
10	64QAM	50	0	22.23	21.97	22.06	21.93	22.17	Tune-up limit (dBm) MPR (dB)				
Channel				39675	40148	40620	41093	41565					
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	24.96	24.95	24.99	24.66	24.83	25.7	0			
5	QPSK	1	12	24.90	24.92	24.96	24.58	24.77					
5	QPSK	1	24	24.89	24.89	24.91	24.67	24.77					
5	QPSK	12	0	24.08	24.02	24.20	23.91	24.14					
5	QPSK	12	7	24.12	23.92	24.10	23.93	24.06	24.7	1			
5	QPSK	12	13	24.15	23.91	24.04	23.84	24.13					
5	QPSK	25	0	24.06	24.01	24.15	23.92	24.04					
5	16QAM	1	0	24.26	23.92	24.15	23.88	24.21					
5	16QAM	1	12	24.26	24.04	24.08	23.86	24.17	24.7	1			
5	16QAM	1	24	24.24	24.16	24.06	23.93	24.04					
5	16QAM	12	0	23.17	22.89	23.10	22.88	23.25					
5	16QAM	12	7	23.19	22.95	23.06	22.97	23.09					
5	16QAM	12	13	23.25	23.05	23.07	22.86	23.07	23.7	2			
5	16QAM	25	0	23.15	23.03	23.06	22.83	23.16					
5	64QAM	1	0	22.82	22.62	22.82	22.56	22.84					
5	64QAM	1	12	22.90	22.65	22.79	22.62	22.82					
5	64QAM	1	24	22.91	22.79	22.77	22.62	22.77	22.7	3			
5	64QAM	12	0	22.14	21.96	22.11	21.89	22.18					
5	64QAM	12	7	22.19	21.99	22.11	21.92	22.09					
5	64QAM	12	13	22.30	22.06	22.04	21.86	22.04					
5	64QAM	25	0	22.17	21.93	22.07	21.84	22.13	Tune-up limit (dBm) MPR (dB)				

Band 42_Ant 1 (3450-3550MHz) Part 27Q										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)		
Channel				42190	42590	42990				
Frequency (MHz)				3460	3500	3540				
20	QPSK	1	0	23.33	23.56	23.50	25	0		
20	QPSK	1	49	23.26	23.38	23.48				
20	QPSK	1	99	23.21	23.41	23.42				
20	QPSK	50	0	22.52	22.60	22.58				
20	QPSK	50	24	22.48	22.58	22.52	24	1		
20	QPSK	50	50	22.42	22.56	22.57				
20	QPSK	100	0	22.44	22.56	22.50				
20	16QAM	1	0	22.51	22.66	22.75				
20	16QAM	1	49	22.45	22.53	22.70	24	1		
20	16QAM	1	99	22.52	22.60	22.69				
20	16QAM	50	0	21.50	21.59	21.73	23	2		
20	16QAM	50	24	21.45	21.54	21.71				
20	16QAM	50	50	21.45	21.57	21.68				
20	16QAM	100	0	21.45	21.55	21.70				
20	64QAM	1	0	21.27	21.39	21.47	23	2		
20	64QAM	1	49	21.19	21.28	21.44				
20	64QAM	1	99	21.24	21.36	21.46				
20	64QAM	50	0	20.49	20.57	20.71				
20	64QAM	50	24	20.42	20.56	20.71	22	3		
20	64QAM	50	50	20.41	20.52	20.68				
20	64QAM	100	0	20.45	20.53	20.66				
Channel				42185	42590	43015			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3457.5	3500	3542.5				
15	QPSK	1	0	23.20	23.49	23.37	25	0		
15	QPSK	1	37	23.15	23.25	23.36				
15	QPSK	1	74	23.16	23.30	23.32				
15	QPSK	36	0	22.38	22.50	22.52				
15	QPSK	36	20	22.43	22.47	22.37	24	1		
15	QPSK	36	39	22.36	22.45	22.46				
15	QPSK	75	0	22.35	22.49	22.38				
15	16QAM	1	0	22.39	22.52	22.68				
15	16QAM	1	37	22.30	22.46	22.60	24	1		
15	16QAM	1	74	22.29	22.42	22.58				
15	16QAM	36	0	21.43	21.51	21.63				
15	16QAM	36	20	21.30	21.45	21.63				
15	16QAM	36	39	21.30	21.45	21.56	23	2		
15	16QAM	75	0	21.30	21.41	21.58				
15	64QAM	1	0	21.14	21.27	21.39				
15	64QAM	1	37	21.05	21.19	21.30				
15	64QAM	1	74	21.12	21.27	21.38	23	2		
15	64QAM	36	0	20.42	20.44	20.59				
15	64QAM	36	20	20.34	20.51	20.60				
15	64QAM	36	39	20.34	20.37	20.63				
15	64QAM	75	0	20.30	20.43	20.60	22	3		
Channel				42140	42590	43040			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3455	3500	3545				
10	QPSK	1	0	23.20	23.45	23.41			25	0
10	QPSK	1	25	23.20	23.39	23.41				
10	QPSK	1	49	23.09	23.34	23.34				
10	QPSK	25	0	22.46	22.47	22.48				
10	QPSK	25	12	22.43	22.53	22.47	24	1		
10	QPSK	25	25	22.27	22.41	22.43				
10	QPSK	50	0	22.35	22.51	22.39				
10	16QAM	1	0	22.39	22.53	22.68				
10	16QAM	1	25	22.37	22.48	22.58	24	1		
10	16QAM	1	49	22.37	22.49	22.59				
10	16QAM	25	0	21.38	21.49	21.68				
10	16QAM	25	12	21.32	21.48	21.66				
10	16QAM	25	25	21.39	21.51	21.62	23	2		
10	16QAM	50	0	21.40	21.50	21.64				
10	64QAM	1	0	21.22	21.51	21.36				
10	64QAM	1	25	21.07	21.23	21.33				
10	64QAM	1	49	21.18	21.25	21.31	23	2		
10	64QAM	25	0	20.43	20.47	20.58				
10	64QAM	25	12	20.30	20.50	20.66				
10	64QAM	25	25	20.29	20.45	20.56				
10	64QAM	50	0	20.31	20.43	20.54	22	3		
Channel				42115	42590	43065			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3452.5	3500	3547.5				
5	QPSK	1	0	23.26	23.41	23.36			25	0
5	QPSK	1	12	23.21	23.29	23.40				
5	QPSK	1	24	23.09	23.36	23.28				
5	QPSK	12	0	22.42	22.51	22.53				
5	QPSK	12	7	22.41	22.52	22.38	24	1		
5	QPSK	12	13	22.34	22.46	22.48				
5	QPSK	26	0	22.32	22.47	22.43				
5	16QAM	1	0	22.40	22.55	22.68				
5	16QAM	1	12	22.39	22.44	22.64	24	1		
5	16QAM	1	24	22.41	22.54	22.65				
5	16QAM	12	0	21.38	21.44	21.63				
5	16QAM	12	7	21.37	21.42	21.64				
5	16QAM	12	13	21.37	21.43	21.64	23	2		
5	16QAM	25	0	21.40	21.47	21.56				
5	64QAM	1	0	21.17	21.29	21.33				
5	64QAM	1	12	21.13	21.13	21.38				
5	64QAM	1	24	21.12	21.27	21.33	23	2		
5	64QAM	12	0	20.44	20.45	20.56				
5	64QAM	12	7	20.35	20.42	20.55				
5	64QAM	12	13	20.26	20.38	20.55				
5	64QAM	25	0	20.32	20.38	20.56	22	3		

Band 42 _Ant 5 (3450-3550MHz) Part 27Q									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	25.5	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	24.50	24.53	24.43			
20	QPSK	1	49	24.35	24.38	24.37	24.5	1	
20	QPSK	1	99	24.28	24.31	24.34			
20	QPSK	50	0	23.51	23.55	23.46			
20	QPSK	50	24	23.37	23.41	23.39	24.5	1	
20	QPSK	50	50	23.33	23.37	23.41			
20	QPSK	100	0	23.34	23.35	23.32			
20	16QAM	1	0	23.53	23.56	23.43	24.5	1	
20	16QAM	1	49	23.46	23.47	23.39			
20	16QAM	1	99	23.26	23.35	23.39			
20	16QAM	50	0	22.64	22.61	22.61	23.5	2	
20	16QAM	50	24	22.52	22.55	22.55			
20	16QAM	50	50	22.54	22.56	22.51			
20	16QAM	100	0	22.56	22.58	22.58	23.5	2	
20	64QAM	1	0	22.45	22.48	22.46			
20	64QAM	1	49	22.31	22.32	22.26			
20	64QAM	1	99	22.25	22.20	22.23	22.5	3	
20	64QAM	50	0	21.60	21.60	21.56			
20	64QAM	50	24	21.55	21.52	21.56			
20	64QAM	50	50	21.48	21.46	21.52	22.5	3	
20	64QAM	100	0	21.53	21.51	21.54			
Channel				42165	42590	43015	25.5	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	24.42	24.47	24.34			
15	QPSK	1	37	24.25	24.33	24.22	24.5	1	
15	QPSK	1	74	24.20	24.26	24.24			
15	QPSK	36	0	23.38	23.40	23.38			
15	QPSK	36	20	23.31	23.30	23.32	24.5	1	
15	QPSK	36	39	23.28	23.31	23.27			
15	QPSK	75	0	23.20	23.21	23.22			
15	16QAM	1	0	23.40	23.43	23.34	24.5	1	
15	16QAM	1	37	23.36	23.35	23.27			
15	16QAM	1	74	23.21	23.21	23.27			
15	16QAM	36	0	22.49	22.52	22.46	23.5	2	
15	16QAM	36	20	22.47	22.44	22.41			
15	16QAM	36	39	22.44	22.46	22.44			
15	16QAM	75	0	22.48	22.45	22.46	23.5	2	
15	64QAM	1	0	22.35	22.42	22.37			
15	64QAM	1	37	22.21	22.17	22.17			
15	64QAM	1	74	22.20	22.07	22.12	22.5	3	
15	64QAM	36	0	21.54	21.53	21.43			
15	64QAM	36	20	21.46	21.38	21.42			
15	64QAM	36	39	21.36	21.35	21.43	22.5	3	
15	64QAM	75	0	21.40	21.45	21.45			
Channel				42140	42590	43040	25.5	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	24.40	24.44	24.29			
10	QPSK	1	25	24.24	24.30	24.28	24.5	1	
10	QPSK	1	49	24.23	24.21	24.23			
10	QPSK	25	0	23.40	23.40	23.36			
10	QPSK	25	12	23.28	23.30	23.31	24.5	1	
10	QPSK	25	25	23.21	23.25	23.35			
10	QPSK	50	0	23.25	23.24	23.17			
10	16QAM	1	0	23.45	23.42	23.38	24.5	1	
10	16QAM	1	25	23.41	23.36	23.24			
10	16QAM	1	49	23.11	23.26	23.25			
10	16QAM	25	0	22.53	22.49	22.56	23.5	2	
10	16QAM	25	12	22.47	22.43	22.42			
10	16QAM	25	25	22.45	22.44	22.46			
10	16QAM	50	0	22.51	22.44	22.48	23.5	2	
10	64QAM	1	0	22.35	22.35	22.35			
10	64QAM	1	25	22.23	22.17	22.19			
10	64QAM	1	49	22.16	22.06	22.15	22.5	3	
10	64QAM	25	0	21.51	21.46	21.44			
10	64QAM	25	12	21.43	21.45	21.45			
10	64QAM	25	25	21.43	21.37	21.47	22.5	3	
10	64QAM	50	0	21.41	21.43	21.44			
Channel				42115	42590	43065	25.5	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	24.38	24.41	24.36			
5	QPSK	1	12	24.21	24.29	24.22	24.5	1	
5	QPSK	1	24	24.18	24.22	24.28			
5	QPSK	12	0	23.36	23.43	23.31			
5	QPSK	12	7	23.29	23.29	23.26	24.5	1	
5	QPSK	12	13	23.22	23.29	23.30			
5	QPSK	25	0	23.25	23.20	23.24			
5	16QAM	1	0	23.45	23.47	23.34	24.5	1	
5	16QAM	1	12	23.38	23.37	23.27			
5	16QAM	1	24	23.18	23.23	23.25			
5	16QAM	12	0	22.52	22.54	22.48	23.5	2	
5	16QAM	12	7	22.38	22.40	22.48			
5	16QAM	12	13	22.43	22.46	22.39			
5	16QAM	25	0	22.44	22.44	22.43	23.5	2	
5	64QAM	1	0	22.33	22.34	22.35			
5	64QAM	1	12	22.22	22.22	22.15			
5	64QAM	1	24	22.11	22.05	22.12	22.5	3	
5	64QAM	12	0	21.49	21.45	21.49			
5	64QAM	12	7	21.47	21.38	21.49			
5	64QAM	12	13	21.38	21.39	21.47	22.5	3	
5	64QAM	25	0	21.43	21.38	21.40			

Band 42 _Ant 6 (3450-3550MHz) Part 27Q												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				42190	42590	42990	25.5	0				
Frequency (MHz)				3460	3500	3540						
20	QPSK	1	0	23.99	24.00	23.95						
20	QPSK	1	49	23.85	23.89	23.93						
20	QPSK	1	99	23.74	23.89	23.92						
20	QPSK	50	0	22.89	22.96	22.95	24.5	1				
20	QPSK	50	24	22.88	22.91	22.93						
20	QPSK	50	50	22.87	22.93	22.94						
20	QPSK	100	0	22.89	22.91	22.88						
20	16QAM	1	0	22.98	22.96	23.01						
20	16QAM	1	49	22.88	22.93	23.08	24.5	1				
20	16QAM	1	99	22.81	22.89	22.94						
20	16QAM	50	0	22.14	22.14	22.15						
20	16QAM	50	24	22.07	22.06	22.10						
20	16QAM	50	50	22.06	22.06	22.12						
20	16QAM	100	0	22.16	22.10	22.09	23.5	2				
20	64QAM	1	0	21.91	22.03	21.97						
20	64QAM	1	49	21.78	21.87	21.83						
20	64QAM	1	99	21.86	21.84	21.73						
20	64QAM	50	0	21.10	21.10	21.14						
20	64QAM	50	24	21.04	21.04	21.08	22.5	3				
20	64QAM	50	50	21.03	21.06	21.10						
20	64QAM	100	0	21.05	21.03	21.15						
Channel				42165	42590	43015				25.5	0	
Frequency (MHz)				3457.5	3500	3542.5						
15	QPSK	1	0	23.88	23.87	23.82						
15	QPSK	1	37	23.76	23.80	23.78						
15	QPSK	1	74	23.69	23.80	23.87						
15	QPSK	36	0	22.76	22.90	22.87	24.5	1				
15	QPSK	36	20	22.76	22.76	22.84						
15	QPSK	36	39	22.75	22.86	22.80						
15	QPSK	75	0	22.74	22.86	22.76						
15	16QAM	1	0	22.91	22.86	22.90						
15	16QAM	1	37	22.78	22.80	22.99	24.5	1				
15	16QAM	1	74	22.74	22.84	22.83						
15	16QAM	36	0	22.04	21.99	22.04						
15	16QAM	36	20	21.96	21.96	21.95						
15	16QAM	36	39	21.94	21.94	22.05						
15	16QAM	75	0	22.11	21.96	21.97	23.5	2				
15	64QAM	1	0	21.86	21.90	21.85						
15	64QAM	1	37	21.71	21.78	21.75						
15	64QAM	1	74	21.80	21.76	21.58						
15	64QAM	36	0	21.00	20.97	21.02						
15	64QAM	36	20	20.97	20.95	20.94	22.5	3				
15	64QAM	36	39	20.95	21.00	21.03						
15	64QAM	75	0	20.91	20.92	21.00						
Channel				42140	42590	43040				25.5	0	
Frequency (MHz)				3455	3500	3545						
10	QPSK	1	0	23.84	23.94	23.88						
10	QPSK	1	25	23.71	23.82	23.81						
10	QPSK	1	49	23.65	23.74	23.79						
10	QPSK	25	0	22.83	22.87	22.90	24.5	1				
10	QPSK	25	12	22.82	22.86	22.79						
10	QPSK	25	25	22.74	22.88	22.88						
10	QPSK	50	0	22.80	22.81	22.77						
10	16QAM	1	0	22.86	22.82	22.86						
10	16QAM	1	25	22.80	22.88	22.94	24.5	1				
10	16QAM	1	49	22.70	22.83	22.79						
10	16QAM	25	0	22.09	22.03	22.06						
10	16QAM	25	12	21.97	21.95	22.02						
10	16QAM	25	25	21.99	21.91	21.98						
10	16QAM	50	0	22.04	21.97	22.03	23.5	2				
10	64QAM	1	0	21.82	21.91	21.84						
10	64QAM	1	25	21.73	21.77	21.73						
10	64QAM	1	49	21.72	21.79	21.68						
10	64QAM	25	0	20.99	20.97	21.07						
10	64QAM	25	12	20.90	20.90	21.00	22.5	3				
10	64QAM	25	25	20.88	20.96	21.03						
10	64QAM	50	0	20.90	20.94	21.03						
Channel				42115	42590	43095				25.5	0	
Frequency (MHz)				3452.5	3500	3547.5						
5	QPSK	1	0	23.85	23.89	23.83						
5	QPSK	1	12	23.71	23.83	23.88						
5	QPSK	1	24	23.63	23.78	23.87						
5	QPSK	12	0	22.82	22.91	22.88	24.5	1				
5	QPSK	12	7	22.79	22.85	22.82						
5	QPSK	12	13	22.75	22.83	22.86						
5	QPSK	25	0	22.80	22.78	22.76						
5	16QAM	1	0	22.91	22.91	22.89						
5	16QAM	1	12	22.79	22.86	22.95	24.5	1				
5	16QAM	1	24	22.76	22.84	22.82						
5	16QAM	12	0	22.02	22.08	22.10						
5	16QAM	12	7	22.02	21.95	21.96						
5	16QAM	12	13	21.99	21.91	22.03						
5	16QAM	25	0	22.03	22.02	21.99	23.5	2				
5	64QAM	1	0	21.86	21.88	21.85						
5	64QAM	1	12	21.73	21.74	21.71						
5	64QAM	1	24	21.75	21.69	21.64						
5	64QAM	12	0	21.00	20.96	21.00						
5	64QAM	12	7	20.89	20.89	21.00	22.5	3				
5	64QAM	12	13	20.93	20.97	21.05						
5	64QAM	25	0	20.99	20.88	21.09						

Band 42_Ant 7 (3450-3550MHz) Part 27Q									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	25.5	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	24.35	24.48	24.44			
20	QPSK	1	49	24.28	24.32	24.30	24.5	1	
20	QPSK	1	99	24.30	24.31	24.25			
20	QPSK	50	0	23.38	23.44	23.38			
20	QPSK	50	24	23.30	23.32	23.32	24.5	1	
20	QPSK	50	50	23.26	23.28	23.30			
20	QPSK	100	0	23.32	23.41	23.31			
20	16QAM	1	0	23.41	23.50	23.50	24.5	1	
20	16QAM	1	49	23.29	23.35	23.36			
20	16QAM	1	99	23.35	23.38	23.28			
20	16QAM	50	0	22.44	22.42	22.43	23.5	2	
20	16QAM	50	24	22.32	22.35	22.35			
20	16QAM	50	50	22.32	22.27	22.33			
20	16QAM	100	0	22.32	22.31	22.29	23.5	2	
20	64QAM	1	0	22.23	22.23	22.19			
20	64QAM	1	49	22.04	22.08	22.08			
20	64QAM	1	99	22.08	22.04	21.99	22.5	3	
20	64QAM	50	0	21.41	21.36	21.33			
20	64QAM	50	24	21.34	21.30	21.30			
20	64QAM	50	50	21.24	21.25	21.27	21.30	21.27	
20	64QAM	100	0	21.30	21.27	21.32			
Channel				42165	42590	43015	25.5	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	24.28	24.35	24.29			
15	QPSK	1	37	24.19	24.21	24.18	24.5	1	
15	QPSK	1	74	24.21	24.26	24.20			
15	QPSK	36	0	23.28	23.34	23.30			
15	QPSK	36	20	23.25	23.22	23.21	24.5	1	
15	QPSK	36	39	23.13	23.20	23.17			
15	QPSK	75	0	23.25	23.31	23.17			
15	16QAM	1	0	23.35	23.42	23.40	24.5	1	
15	16QAM	1	37	23.18	23.20	23.26			
15	16QAM	1	74	23.26	23.27	23.22			
15	16QAM	36	0	22.32	22.29	22.32	23.5	2	
15	16QAM	36	20	22.24	22.26	22.24			
15	16QAM	36	39	22.26	22.14	22.26			
15	16QAM	75	0	22.18	22.24	22.15	23.5	2	
15	64QAM	1	0	22.12	22.10	22.07			
15	64QAM	1	37	21.92	21.96	21.93			
15	64QAM	1	74	22.01	21.96	21.90	22.5	3	
15	64QAM	36	0	21.31	21.24	21.21			
15	64QAM	36	20	21.26	21.17	21.19			
15	64QAM	36	39	21.18	21.17	21.22	21.24	21.25	
15	64QAM	75	0	21.24	21.22	21.25			
Channel				42140	42590	43040	25.5	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	24.28	24.35	24.29			
10	QPSK	1	25	24.16	24.22	24.15	24.5	1	
10	QPSK	1	49	24.17	24.16	24.11			
10	QPSK	25	0	23.24	23.29	23.28			
10	QPSK	25	12	23.17	23.23	23.25	24.5	1	
10	QPSK	25	25	23.19	23.14	23.21			
10	QPSK	50	0	23.18	23.28	23.23			
10	16QAM	1	0	23.29	23.38	23.39	24.5	1	
10	16QAM	1	25	23.21	23.21	23.26			
10	16QAM	1	49	23.28	23.34	23.15			
10	16QAM	25	0	22.32	22.37	22.38	23.5	2	
10	16QAM	25	12	22.25	22.25	22.27			
10	16QAM	25	25	22.22	22.14	22.25			
10	16QAM	50	0	22.27	22.20	22.21	23.5	2	
10	64QAM	1	0	22.09	22.14	22.09			
10	64QAM	1	25	21.94	21.99	21.92			
10	64QAM	1	49	21.96	21.90	21.86	22.5	3	
10	64QAM	25	0	21.96	21.29	21.24			
10	64QAM	25	12	21.25	21.21	21.22			
10	64QAM	25	25	21.18	21.18	21.20	21.17	21.12	
10	64QAM	50	0	21.17	21.12	21.22			
Channel				42115	42590	43065	25.5	0	
Frequency (MHz)				3462.5	3500	3547.5			
5	QPSK	1	0	24.28	24.42	24.36			
5	QPSK	1	12	24.13	24.21	24.15	24.5	1	
5	QPSK	1	24	24.15	24.19	24.19			
5	QPSK	12	0	23.25	23.35	23.32			
5	QPSK	12	7	23.18	23.24	23.19	24.5	1	
5	QPSK	12	13	23.11	23.15	23.22			
5	QPSK	25	0	23.23	23.30	23.20			
5	16QAM	1	0	23.35	23.37	23.37	24.5	1	
5	16QAM	1	12	23.15	23.22	23.21			
5	16QAM	1	24	23.22	23.33	23.19			
5	16QAM	12	0	22.39	22.28	22.32	23.5	2	
5	16QAM	12	7	22.24	22.25	22.25			
5	16QAM	12	13	22.25	22.13	22.21			
5	16QAM	25	0	22.18	22.18	22.16	23.5	2	
5	64QAM	1	0	22.06	22.15	22.10			
5	64QAM	1	12	21.99	22.03	21.91			
5	64QAM	1	24	21.97	21.94	21.89	22.5	3	
5	64QAM	12	0	21.26	21.24	21.18			
5	64QAM	12	7	21.28	21.19	21.23			
5	64QAM	12	13	21.09	21.12	21.14	21.23	21.22	
5	64QAM	25	0	21.23	21.22	21.18			



DSI 0 Power

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.82	32.88	32.87	34.00	23.82	23.88	23.87	25.00
GPRS 1 Tx slot	32.84	32.92	32.90	34.00	23.84	23.92	23.90	25.00
GPRS 2 Tx slots	29.89	29.96	30.05	31.00	23.89	23.96	24.05	25.00
GPRS 3 Tx slots	28.11	28.15	28.24	29.20	23.85	23.89	23.98	24.94
GPRS 4 Tx slots	26.76	26.78	26.74	28.00	23.76	23.78	23.74	25.00
EDGE 1 Tx slot	27.15	27.12	27.31	28.00	18.15	18.12	18.31	19.00
EDGE 2 Tx slots	24.22	24.24	24.35	25.00	18.22	18.24	18.35	19.00
EDGE 3 Tx slots	22.42	22.33	22.43	23.20	18.16	18.07	18.17	18.94
EDGE 4 Tx slots	21.05	21.12	21.13	22.00	18.05	18.12	18.13	19.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.27	31.39	31.42	32.50	22.27	22.39	22.42	23.50
GPRS 1 Tx slot	31.30	31.40	31.44	32.50	22.30	22.40	22.44	23.50
GPRS 2 Tx slots	28.23	28.33	28.39	29.50	22.23	22.33	22.39	23.50
GPRS 3 Tx slots	26.47	26.56	26.62	27.70	22.21	22.30	22.36	23.44
GPRS 4 Tx slots	25.23	25.28	25.26	26.50	22.23	22.28	22.26	23.50
EDGE 1 Tx slot	25.54	25.60	25.75	26.50	16.54	16.60	16.75	17.50
EDGE 2 Tx slots	22.76	22.75	22.75	23.50	16.76	16.75	16.75	17.50
EDGE 3 Tx slots	21.00	21.00	20.99	21.70	16.74	16.74	16.73	17.44
EDGE 4 Tx slots	19.34	19.50	19.42	20.50	16.34	16.50	16.42	17.50

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	681	810		512	681	810	
TX Channel	1850.2	1880	1898.8		1850.2	1880	1898.8	
Frequency (MHz)	1850.2	1880	1898.8		1850.2	1880	1898.8	
GSM 1 Tx slot	26.77	26.85	26.70	28.00	17.77	17.85	17.70	19.00
GPRS 1 Tx slot	26.88	26.89	26.77	28.00	17.88	17.89	17.77	19.00
GPRS 2 Tx slots	23.72	23.70	23.60	25.00	17.72	17.70	17.60	19.00
GPRS 3 Tx slots	21.04	21.00	21.82	23.20	17.68	17.64	17.56	18.94
GPRS 4 Tx slots	20.60	20.64	20.58	22.00	17.60	17.64	17.58	19.00
EDGE 1 Tx slot	23.12	23.22	23.30	24.00	14.12	14.22	14.30	15.00
EDGE 2 Tx slots	19.71	19.80	19.90	21.00	13.71	13.80	13.90	15.00
EDGE 3 Tx slots	17.35	17.78	17.58	19.20	13.09	13.52	13.32	14.94
EDGE 4 Tx slots	16.02	16.11	16.07	18.00	13.02	13.11	13.07	15.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	681	810		512	681	810	
TX Channel	1850.2	1880	1898.8		1850.2	1880	1898.8	
Frequency (MHz)	1850.2	1880	1898.8		1850.2	1880	1898.8	
GSM 1 Tx slot	30.10	30.15	29.98	31.00	21.10	21.15	20.98	22.00
GPRS 1 Tx slot	30.13	30.18	30.00	31.00	21.13	21.18	21.00	22.00
GPRS 2 Tx slots	27.16	27.15	27.02	28.00	21.16	21.15	21.02	22.00
GPRS 3 Tx slots	25.34	25.35	25.26	26.20	21.08	21.09	21.00	21.84
GPRS 4 Tx slots	24.03	24.05	23.93	25.00	21.03	21.05	20.93	22.00
EDGE 1 Tx slot	26.28	26.54	26.48	27.00	17.28	17.54	17.48	18.00
EDGE 2 Tx slots	23.14	23.28	23.32	24.00	17.14	17.28	17.32	18.00
EDGE 3 Tx slots	21.02	21.24	21.17	22.20	16.76	16.98	16.91	17.94
EDGE 4 Tx slots	19.22	19.44	19.55	21.00	16.22	16.44	16.55	18.00

Band		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	16.98	17.00	16.97	18.50	24.05	24.21	24.24	25.00
3GPP Rel 99	RMC 12.2Kbps	17.05	17.09	17.03	18.50	24.21	24.42	24.38	25.00
3GPP Rel 6	HSDPA Subtest-1	16.25	16.24	16.30	17.50	23.21	23.48	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	16.23	16.26	16.34	17.50	23.20	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-3	15.71	15.85	15.87	17.00	22.65	23.03	22.91	23.50
3GPP Rel 6	HSDPA Subtest-4	15.77	15.78	15.73	17.00	22.70	22.98	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.22	16.18	16.22	17.50	23.09	23.46	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.17	16.24	16.26	17.50	23.13	23.42	23.32	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.67	15.73	15.79	17.00	22.57	22.97	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.67	15.70	15.66	17.00	22.65	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-1	15.78	15.80	15.83	17.50	23.01	23.04	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	15.75	15.75	15.76	17.50	23.09	23.13	23.10	24.00
3GPP Rel 6	HSUPA Subtest-3	15.31	15.40	15.39	17.00	22.52	22.63	22.58	23.50
3GPP Rel 6	HSUPA Subtest-4	15.87	15.90	15.93	17.50	23.01	23.05	23.04	24.00
3GPP Rel 6	HSUPA Subtest-5	14.94	14.93	14.97	16.50	21.94	22.00	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.87	13.85	13.91	15.50	21.21	21.32	21.24	22.00

Band		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.42	17.40	17.40	19.00	24.32	24.27	24.35	25.00
3GPP Rel 99	RMC 12.2Kbps	17.43	17.49	17.46	19.00	24.42	24.47	24.45	25.00
3GPP Rel 6	HSDPA Subtest-1	16.57	16.63	16.60	18.00	23.47	23.50	23.45	24.00
3GPP Rel 6	HSDPA Subtest-2	16.61	16.69	16.60	18.00	23.46	23.51	23.48	24.00
3GPP Rel 6	HSDPA Subtest-3	16.08	16.17	16.16	17.50	23.01	23.00	22.94	23.50
3GPP Rel 6	HSDPA Subtest-4	16.10	16.10	16.12	17.50	23.02	22.95	22.86	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.55	16.52	16.53	18.50	23.42	23.48	23.42	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.51	16.55	16.52	18.50	23.41	23.46	23.47	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.99	16.06	16.04	18.00	22.99	22.94	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.08	16.06	16.12	18.00	22.98	22.93	22.81	24.00
3GPP Rel 6	HSUPA Subtest-1	16.68	16.68	16.64	18.00	23.24	23.27	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	16.70	16.71	16.74	18.00	23.22	23.26	23.20	24.00
3GPP Rel 6	HSUPA Subtest-3	16.19	16.19	16.23	17.50	22.63	22.74	22.70	23.50
3GPP Rel 6	HSUPA Subtest-4	16.66	16.71	16.71	18.00	23.17	23.24	23.18	24.00
3GPP Rel 6	HSUPA Subtest-5	15.64	15.70	15.67	17.00	22.20	22.25	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.61	14.62	14.66	16.00	21.11	21.20	21.03	22.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.05	23.99	25.00	21.69	21.76	21.71	23.50
3GPP Rel 99	RMC 12.2Kbps	24.06	24.09	24.01	25.00	21.72	21.78	21.75	23.50
3GPP Rel 6	HSDPA Subtest-1	23.08	23.05	23.20	24.00	20.97	20.96	21.05	22.50
3GPP Rel 6	HSDPA Subtest-2	23.10	23.04	23.18	24.00	20.93	20.78	20.97	22.50
3GPP Rel 6	HSDPA Subtest-3	22.81	22.56	22.68	23.50	20.48	20.40	20.60	22.00
3GPP Rel 6	HSDPA Subtest-4	22.85	22.57	22.66	23.50	20.44	20.37	20.58	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	22.94	23.15	24.50	20.86	20.83	21.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.01	23.01	23.11	24.50	20.85	20.72	20.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.52	22.44	22.64	24.00	20.35	20.39	20.51	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.56	22.65	24.00	20.43	20.28	20.47	22.50
3GPP Rel 6	HSUPA Subtest-1	23.17	23.21	23.19	24.00	21.07	21.10	21.04	22.50
3GPP Rel 6	HSUPA Subtest-2	23.15	23.18	23.18	24.00	21.02	21.00	21.05	22.50
3GPP Rel 6	HSUPA Subtest-3	22.63	22.71	22.67	23.50	20.57	20.50	20.51	22.00
3GPP Rel 6	HSUPA Subtest-4	23.15	23.19	23.17	24.00	21.00	21.01	21.07	22.50
3GPP Rel 6	HSUPA Subtest-5	22.15	22.18	22.17	23.00	20.03	20.06	20.05	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.13	21.06	22.00	18.97	19.01	18.99	20.50



Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.65	23.76	23.75	25	0	
20	QPSK	1	49	23.71	23.82	23.88			
20	QPSK	1	99	23.56	23.70	23.67			
20	QPSK	50	0	22.67	22.75	22.74	24	1	
20	QPSK	50	24	22.60	22.67	22.73			
20	QPSK	50	50	22.63	22.71	22.64			
20	QPSK	100	0	22.64	22.72	22.66	24	1	
20	16QAM	1	0	22.30	22.35	22.36			
20	16QAM	1	49	22.28	22.05	22.91			
20	16QAM	1	99	22.85	22.89	22.91	23	2	
20	16QAM	50	0	21.57	21.73	21.78			
20	16QAM	50	24	21.62	21.73	21.67			
20	16QAM	50	50	21.64	21.71	21.62	23	2	
20	16QAM	100	0	21.60	21.70	21.67			
20	64QAM	1	0	21.84	21.80	21.86			
20	64QAM	1	49	21.69	21.86	21.83	22	3	
20	64QAM	1	99	21.71	21.78	21.71			
20	64QAM	50	0	20.61	20.77	20.81			
20	64QAM	50	24	20.65	20.79	20.69	22	3	
20	64QAM	50	50	20.64	20.7	20.67			
20	64QAM	100	0	20.68	20.77	20.71			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	23.53	23.70	23.61	25	0	
15	QPSK	1	37	23.48	23.58	23.55			
15	QPSK	1	74	23.44	23.62	23.54			
15	QPSK	36	0	22.53	22.61	22.65	24	1	
15	QPSK	36	20	22.52	22.62	22.64			
15	QPSK	36	39	22.45	22.56	22.59			
15	QPSK	75	0	22.50	22.57	22.56	24	1	
15	16QAM	1	0	22.82	22.89	22.92			
15	16QAM	1	37	22.80	22.98	22.92			
15	16QAM	1	74	22.76	22.81	22.81	23	2	
15	16QAM	36	0	21.42	21.62	21.71			
15	16QAM	36	20	21.52	21.68	21.52			
15	16QAM	36	39	21.53	21.66	21.47	22	3	
15	16QAM	75	0	21.45	21.56	21.57			
15	64QAM	1	0	21.73	21.65	21.76			
15	64QAM	1	37	21.61	21.72	21.76	22	3	
15	64QAM	1	74	21.64	21.65	21.55			
15	64QAM	36	0	20.70	20.70	20.75			
15	64QAM	36	20	20.54	20.67	20.57	22	3	
15	64QAM	36	39	20.56	20.61	20.61			
15	64QAM	75	0	20.63	20.72	20.64			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	23.52	23.65	23.65	25	0	
10	QPSK	1	25	23.42	23.64	23.62			
10	QPSK	1	49	23.45	23.60	23.62			
10	QPSK	25	0	22.52	22.66	22.65	24	1	
10	QPSK	25	12	22.52	22.57	22.67			
10	QPSK	25	25	22.57	22.62	22.55			
10	QPSK	50	0	22.52	22.57	22.60	24	1	
10	16QAM	1	0	22.64	22.64	22.64			
10	16QAM	1	25	22.78	22.72	22.82			
10	16QAM	1	49	22.79	22.76	22.86	23	2	
10	16QAM	25	0	21.50	21.58	21.65			
10	16QAM	25	12	21.56	21.63	21.58			
10	16QAM	25	25	21.57	21.62	21.53	22	3	
10	16QAM	50	0	21.54	21.64	21.55			
10	64QAM	1	0	21.52	21.51	21.77			
10	64QAM	1	25	21.54	21.74	21.73	22	3	
10	64QAM	1	49	21.66	21.71	21.61			
10	64QAM	25	0	20.52	20.66	20.67			
10	64QAM	25	12	20.53	20.67	20.61	22	3	
10	64QAM	25	25	20.55	20.56	20.55			
10	64QAM	50	0	20.50	20.60	20.62			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	23.52	23.61	23.63	25	0	
5	QPSK	1	12	23.56	23.56	23.60			
5	QPSK	1	24	23.49	23.65	23.57			
5	QPSK	12	0	22.62	22.64	22.67	24	1	
5	QPSK	12	7	22.51	22.52	22.61			
5	QPSK	12	13	22.52	22.58	22.58			
5	QPSK	25	0	22.50	22.58	22.61	24	1	
5	16QAM	1	0	22.80	22.83	22.86			
5	16QAM	1	12	22.81	22.82	22.83			
5	16QAM	1	24	22.80	22.76	22.82	23	2	
5	16QAM	12	0	21.48	21.61	21.73			
5	16QAM	12	7	21.49	21.63	21.63			
5	16QAM	12	13	21.59	21.65	21.47	22	3	
5	16QAM	25	0	21.48	21.58	21.55			
5	64QAM	1	0	21.76	21.67	21.76			
5	64QAM	1	12	21.63	21.78	21.70	22	3	
5	64QAM	1	24	21.63	21.70	21.59			
5	64QAM	12	0	20.52	20.66	20.74			
5	64QAM	12	7	20.53	20.70	20.56	22	3	
5	64QAM	12	13	20.52	20.58	20.59			
5	64QAM	25	0	20.62	20.64	20.61			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	23.56	23.61	23.66	25	0	
3	QPSK	1	8	23.54	23.61	23.60			
3	QPSK	1	14	22.50	22.68	22.65			
3	QPSK	8	0	22.45	22.61	22.65	24	1	
3	QPSK	8	7	22.56	22.61	22.54			
3	QPSK	15	0	22.57	22.60	22.53			
3	16QAM	1	0	22.75	22.83	22.84	24	1	
3	16QAM	1	8	22.76	22.84	22.82			
3	16QAM	1	14	22.77	22.77	22.84			
3	16QAM	8	0	21.42	21.60	21.64	23	2	
3	16QAM	8	4	21.48	21.65	21.60			
3	16QAM	8	7	21.58	21.64	21.51			
3	16QAM	15	0	21.48	21.65	21.59	23	2	
3	64QAM	1	0	21.78	21.66	21.61			
3	64QAM	1	8	21.57	21.80	21.74			
3	64QAM	1	14	21.65	21.71	21.63	22	3	
3	64QAM	8	0	20.55	20.70	20.68			
3	64QAM	8	4	20.50	20.71	20.54			
3	64QAM	8	7	20.56	20.59	20.57	22	3	
3	64QAM	15	0	20.57	20.71	20.56			
Channel				18597	18900	19163	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	23.43	23.34	23.31	25	0	
1.4	QPSK	1	3	23.45	23.37	23.30			
1.4	QPSK	1	5	23.44	23.39	23.30			
1.4	QPSK	3	0	23.41	23.36	23.27	24	1	
1.4	QPSK	3	1	23.46	23.37	23.26			
1.4	QPSK	3	3	23.42	23.34	23.27			
1.4	QPSK	6	0	22.76	22.71	22.63	24	1	
1.4	16QAM	1	0	22.78	22.96	22.87			
1.4	16QAM	1	3	22.72	22.99	22.87			
1.4	16QAM	1	5	22.73	22.95	22.84	23	2	
1.4	16QAM	3	0	22.53	22.74	22.64			
1.4	16QAM	3	1	22.54	22.75	22.64			

Band 4_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				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	24.59	24.71	24.63	25.5	0		
20	QPSK	1	49	24.54	24.65	24.62				
20	QPSK	1	99	24.57	24.60	24.60				
20	QPSK	50	0	23.57	23.75	23.73	24.5	1		
20	QPSK	50	24	23.34	23.70	23.68				
20	QPSK	50	50	23.56	23.64	23.70				
20	QPSK	100	0	23.52	23.70	23.68	24.5	1		
20	16QAM	1	0	23.70	23.77	23.84				
20	16QAM	1	49	23.75	23.87	23.86				
20	16QAM	1	99	23.79	23.82	23.74	23.5	2		
20	16QAM	50	0	22.35	22.71	22.70				
20	16QAM	50	24	22.55	22.69	22.67				
20	16QAM	50	50	22.57	22.65	22.70	23.5	2		
20	16QAM	100	0	22.52	22.65	22.67				
20	64QAM	1	0	22.59	22.60	22.75				
20	64QAM	1	49	22.74	22.75	22.76	22.5	3		
20	64QAM	1	99	22.69	22.64	22.62				
20	64QAM	50	0	21.37	21.75	21.68				
20	64QAM	50	24	21.60	21.69	21.72	20.625	2		
20	64QAM	50	50	21.62	21.66	21.73				
20	64QAM	100	0	21.59	21.68	21.67				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	24.47	24.60	24.56	25.5	0		
15	QPSK	1	37	24.43	24.52	24.54				
15	QPSK	1	74	24.43	24.51	24.45				
15	QPSK	36	0	23.44	23.60	23.67	24.5	1		
15	QPSK	36	20	23.45	23.58	23.63				
15	QPSK	36	39	23.41	23.49	23.62				
15	QPSK	75	0	23.40	23.61	23.54	24.5	1		
15	16QAM	1	0	23.56	23.64	23.74				
15	16QAM	1	37	23.72	23.81	23.80				
15	16QAM	1	74	23.71	23.73	23.63	23.5	2		
15	16QAM	36	0	22.20	22.64	22.59				
15	16QAM	36	20	22.44	22.54	22.55				
15	16QAM	36	39	22.49	22.58	22.56	23.5	2		
15	16QAM	75	0	22.45	22.53	22.53				
15	64QAM	1	0	22.44	22.72	22.61				
15	64QAM	1	37	22.61	22.60	22.62	22.5	3		
15	64QAM	1	74	22.60	22.58	22.53				
15	64QAM	36	0	21.31	21.61	21.56				
15	64QAM	36	20	21.55	21.63	21.64	20.625	2		
15	64QAM	36	39	21.47	21.57	21.63				
15	64QAM	75	0	21.44	21.63	21.60				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	24.49	24.57	24.52	25.5	0		
10	QPSK	1	25	24.44	24.52	24.43				
10	QPSK	1	49	24.46	24.53	24.48				
10	QPSK	25	0	23.52	23.70	23.66	24.5	1		
10	QPSK	25	12	23.23	23.55	23.59				
10	QPSK	25	25	23.49	23.49	23.59				
10	QPSK	50	0	23.42	23.60	23.61	24.5	1		
10	16QAM	1	0	23.64	23.69	23.76				
10	16QAM	1	25	23.69	23.78	23.82				
10	16QAM	1	49	23.68	23.67	23.62	23.5	2		
10	16QAM	25	0	22.27	22.63	22.62				
10	16QAM	25	12	22.41	22.62	22.61				
10	16QAM	25	25	22.52	22.55	22.62	23.5	2		
10	16QAM	50	0	22.46	22.51	22.53				
10	64QAM	1	0	22.44	22.68	22.67				
10	64QAM	1	25	22.69	22.61	22.63	22.5	3		
10	64QAM	1	49	22.54	22.54	22.52				
10	64QAM	25	0	21.23	21.69	21.63				
10	64QAM	25	12	21.48	21.62	21.67	20.625	2		
10	64QAM	25	25	21.53	21.56	21.66				
10	64QAM	50	0	21.46	21.51	21.57				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	24.48	24.59	24.50	25.5	0		
5	QPSK	1	12	24.39	24.56	24.53				
5	QPSK	1	24	24.51	24.53	24.55				
5	QPSK	12	0	23.44	23.68	23.65	24.5	1		
5	QPSK	12	7	23.27	23.59	23.62				
5	QPSK	12	14	23.41	23.58	23.63				
5	QPSK	25	0	23.37	23.64	23.53	24.5	1		
5	16QAM	1	0	23.61	23.66	23.72				
5	16QAM	1	12	23.72	23.72	23.73				
5	16QAM	1	24	23.72	23.73	23.61	23.5	2		
5	16QAM	12	0	22.24	22.57	22.58				
5	16QAM	12	7	22.40	22.62	22.56				
5	16QAM	12	13	22.46	22.50	22.56	23.5	2		
5	16QAM	25	0	22.45	22.56	22.58				
5	64QAM	1	0	22.44	22.65	22.68				
5	64QAM	1	12	22.68	22.66	22.61	22.5	3		
5	64QAM	1	24	22.59	22.50	22.51				
5	64QAM	12	0	21.26	21.64	21.55				
5	64QAM	12	7	21.55	21.64	21.66	20.625	2		
5	64QAM	12	13	21.47	21.53	21.67				
5	64QAM	25	0	21.44	21.56	21.55				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	24.50	24.65	24.52	25.5	0		
3	QPSK	1	8	24.42	24.56	24.53				
3	QPSK	1	14	24.52	24.51	24.47				
3	QPSK	8	0	23.49	23.63	23.66	24.5	1		
3	QPSK	8	4	23.27	23.61	23.61				
3	QPSK	8	7	23.50	23.50	23.65				
3	QPSK	15	0	23.40	23.62	23.62	24.5	1		
3	16QAM	1	0	23.62	23.66	23.73				
3	16QAM	1	8	23.72	23.72	23.81				
3	16QAM	1	14	23.73	23.75	23.63	23.5	2		
3	16QAM	8	0	22.23	22.59	22.58				
3	16QAM	8	4	22.42	22.61	22.53				
3	16QAM	8	7	22.51	22.50	22.62	22.5	3		
3	16QAM	15	0	22.37	22.62	22.55				
3	64QAM	1	0	22.50	22.65	22.66				
3	64QAM	1	8	22.64	22.63	22.65	20.625	2		
3	64QAM	1	14	22.58	22.53	22.48				
3	64QAM	8	0	21.25	21.63	21.60				
3	64QAM	8	4	21.45	21.64	21.65	22.5	3		
3	64QAM	8	7	21.52	21.56	21.58				
3	64QAM	15	0	21.53	21.53	21.56				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	24.34	24.55	24.53	25.5	0		
1.4	QPSK	1	3	24.29	24.52	24.56				
1.4	QPSK	1	5	24.38	24.58	24.56				
1.4	QPSK	3	0	24.37	24.57	24.59	24.5	1		
1.4	QPSK	3	1	24.37	24.54	24.58				
1.4	QPSK	3	3	24.37	24.54	24.58				
1.4	QPSK	3	0	23.38	23.57	23.58	23.5	2		
1.4	16QAM	1	0	23.54	23.75	23.76				
1.4	16QAM	1	3	23.56	23.78	23.78				
1.4	16QAM	1	5	23.55	23.75	23.75	24.5	1		
1.4	16QAM	3	0	23.40	23.59	23.61				
1.4	16QAM	3	1	23.41	23.58	23.61				
1.4	16QAM	3	3	23.39	23.54	23.58	23.5	2		
1.4	16QAM	6	0	22.46	22.64	22.65				
1.4	64QAM	1	0	22.47	22.71	22.71				
1.4	64QAM	1	3	22.48	22.65	22.69	23.5	2		
1.4	64QAM	1	5	22.48	22.65	22.69				
1.4	64QAM	3	0	22.48	22.66	22.67				
1.4	64QAM	3	4	22.45	22.65	22.66	22.5	3		
1.4	64QAM	3	3	22.50	22.63	22.67				
1.4	64QAM	6	0	21.42	21.59	21.57				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.52	24.55	24.47	25.5	0	
20	QPSK	1	49	24.47	24.51	24.35			
20	QPSK	1	99	24.50	24.52	24.42			
20	QPSK	50	0	23.55	23.56	23.51	24.5	1	
20	QPSK	50	24	23.59	23.53	23.49			
20	QPSK	50	50	23.56	23.60	23.45			
20	QPSK	100	0	23.49	23.53	23.46	24.5	1	
20	16QAM	1	0	23.59	23.69	23.71			
20	16QAM	1	49	23.83	23.81	23.72			
20	16QAM	1	99	23.78	23.79	23.63	23.5	2	
20	16QAM	50	0	22.48	22.63	22.49			
20	16QAM	50	24	22.59	22.59	22.51			
20	16QAM	50	50	22.66	22.55	22.44	23.5	2	
20	16QAM	100	0	22.52	22.52	22.45			
20	64QAM	1	0	22.52	22.62	22.56			
20	64QAM	1	49	22.77	22.74	22.63	23.5	2	
20	64QAM	1	99	22.70	22.67	22.57			
20	64QAM	50	0	21.48	21.62	21.51			
20	64QAM	50	24	21.51	21.52	21.49	22.5	3	
20	64QAM	50	50	21.63	21.54	21.43			
20	64QAM	100	0	21.49	21.52	21.45			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.43	24.40	24.37	25.5	0	
15	QPSK	1	37	24.32	24.39	24.23			
15	QPSK	1	74	24.45	24.38	24.28			
15	QPSK	36	0	23.53	23.61	23.39	24.5	1	
15	QPSK	36	20	23.54	23.48	23.42			
15	QPSK	36	39	23.46	23.49	23.39			
15	QPSK	75	0	23.34	23.50	23.31	24.5	1	
15	16QAM	1	0	23.47	23.54	23.64			
15	16QAM	1	37	23.68	23.76	23.66			
15	16QAM	1	74	23.65	23.64	23.52	23.5	2	
15	16QAM	36	0	22.41	22.51	22.42			
15	16QAM	36	20	22.44	22.44	22.38			
15	16QAM	36	39	22.56	22.42	22.29	23.5	2	
15	16QAM	75	0	22.40	22.41	22.32			
15	64QAM	1	0	22.37	22.51	22.50			
15	64QAM	1	37	22.70	22.67	22.56	22.5	3	
15	64QAM	1	74	22.61	22.56	22.49			
15	64QAM	36	0	21.34	21.54	21.41			
15	64QAM	36	20	21.46	21.47	21.41	22.5	3	
15	64QAM	36	39	21.55	21.45	21.37			
15	64QAM	75	0	21.43	21.46	21.38			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.38	24.47	24.42	25.5	0	
10	QPSK	1	25	24.38	24.42	24.28			
10	QPSK	1	49	24.42	24.39	24.33			
10	QPSK	25	0	23.47	23.54	23.45	24.5	1	
10	QPSK	25	12	23.47	23.46	23.39			
10	QPSK	25	25	23.41	23.50	23.32			
10	QPSK	50	0	23.39	23.47	23.32	24.5	1	
10	16QAM	1	0	23.51	23.62	23.56			
10	16QAM	1	25	23.71	23.74	23.58			
10	16QAM	1	49	23.66	23.70	23.55	24.5	1	
10	16QAM	25	0	22.37	22.49	22.43			
10	16QAM	25	12	22.50	22.51	22.37			
10	16QAM	25	25	22.61	22.45	22.31	23.5	2	
10	16QAM	50	0	22.40	22.41	22.38			
10	64QAM	1	0	22.45	22.53	22.49			
10	64QAM	1	25	22.71	22.69	22.52	23.5	2	
10	64QAM	1	49	22.63	22.55	22.52			
10	64QAM	25	0	21.35	21.57	21.41			
10	64QAM	25	12	21.45	21.39	21.43	22.5	3	
10	64QAM	25	25	21.48	21.43	21.36			
10	64QAM	50	0	21.41	21.41	21.35			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	24.44	24.45	24.41	25.5	0	
5	QPSK	1	12	24.37	24.43	24.29			
5	QPSK	1	24	24.35	24.47	24.32			
5	QPSK	12	0	23.47	23.61	23.45	24.5	1	
5	QPSK	12	7	23.52	23.43	23.35			
5	QPSK	12	13	23.48	23.53	23.30			
5	QPSK	25	0	23.34	23.38	23.37	24.5	1	
5	16QAM	1	0	23.47	23.61	23.57			
5	16QAM	1	12	23.74	23.71	23.63			
5	16QAM	1	24	23.68	23.70	23.53	23.5	2	
5	16QAM	12	0	22.36	22.48	22.39			
5	16QAM	12	7	22.45	22.52	22.40			
5	16QAM	12	13	22.55	22.50	22.31	23.5	2	
5	16QAM	25	0	22.47	22.44	22.31			
5	64QAM	1	0	22.41	22.50	22.47			
5	64QAM	1	12	22.63	22.66	22.50	23.5	2	
5	64QAM	1	24	22.62	22.62	22.43			
5	64QAM	12	0	21.35	21.57	21.38			
5	64QAM	12	7	21.37	21.41	21.40	22.5	3	
5	64QAM	12	13	21.54	21.42	21.29			
5	64QAM	25	0	21.34	21.43	21.40			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.16	20.27	20.25	21	0	
20	QPSK	1	49	20.07	20.19	20.18			
20	QPSK	1	99	20.10	20.26	20.23			
20	QPSK	50	0	20.15	20.25	20.19	21	0	
20	QPSK	50	24	20.13	20.24	20.18			
20	QPSK	50	50	20.04	20.07	20.16			
20	QPSK	100	0	19.99	20.22	20.21	21	0	
20	16QAM	1	0	20.10	20.15	20.20			
20	16QAM	1	49	20.02	20.12	20.15			
20	16QAM	1	99	20.04	20.19	20.16	21	0	
20	16QAM	50	0	20.11	20.20	20.11			
20	16QAM	50	24	20.03	20.20	20.07			
20	16QAM	50	50	19.95	20.04	20.10	21	0	
20	16QAM	100	0	19.98	20.17	20.17			
20	64QAM	1	0	20.16	20.26	20.24			
20	64QAM	1	49	19.98	20.17	20.14	21	0	
20	64QAM	1	99	19.99	20.18	20.11			
20	64QAM	50	0	20.04	20.19	20.09			
20	64QAM	50	24	20.06	20.12	20.09	21	0	
20	64QAM	50	50	19.99	20.06	20.04			
20	64QAM	100	0	19.93	20.17	20.13			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.09	20.15	20.14	21	0	
15	QPSK	1	37	20.01	20.10	20.08			
15	QPSK	1	74	19.99	20.21	20.15			
15	QPSK	36	0	20.08	20.15	20.07	21	0	
15	QPSK	36	20	20.05	20.15	20.12			
15	QPSK	36	39	20.03	19.98	20.04			
15	QPSK	75	0	19.93	20.19	20.09	21	0	
15	16QAM	1	0	20.08	20.14	20.18			
15	16QAM	1	37	19.98	20.10	20.12			
15	16QAM	1	74	19.92	20.11	20.13	21	0	
15	16QAM	36	0	20.05	20.15	20.09			
15	16QAM	36	20	20.06	20.08	20.06			
15	16QAM	36	39	19.93	19.99	20.04	21	0	
15	16QAM	75	0	19.81	20.11	20.15			
15	16QAM	1	0	20.07	20.15	20.12			
15	64QAM	1	37	19.91	20.11	20.05	21	0	
15	64QAM	1	74	19.90	20.09	20.02			
15	64QAM	36	0	20.00	20.18	20.00			
15	64QAM	36	20	19.96	20.06	19.97	21	0	
15	64QAM	36	39	19.94	20.01	19.92			
15	64QAM	75	0	19.81	20.07	20.08			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505.0	2535	2565			
10	QPSK	1	0	20.06	20.18	20.24	21	0	
10	QPSK	1	25	20.05	20.13	20.15			
10	QPSK	1	49	19.98	20.21	20.13			
10	QPSK	25	0	20.10	20.13	20.08	21	0	
10	QPSK	25	12	20.12	20.16	20.13			
10	QPSK	25	25	20.01	20.03	20.04			
10	QPSK	50	0	19.90	20.04	20.15	21	0	
10	16QAM	1	0	20.07	20.07	20.10			
10	16QAM	1	25	19.90	20.02	20.13			
10	16QAM	1	49	19.96	20.08	20.10	21	0	
10	16QAM	25	0	20.02	20.18	20.02			
10	16QAM	25	12	20.01	20.12	20.05			
10	16QAM	25	25	19.89	20.06	20.08	21	0	
10	16QAM	50	0	19.82	20.10	20.09			
10	64QAM	1	0	20.15	20.17	20.21			
10	64QAM	1	25	19.94	20.12	20.09	21	0	
10	64QAM	1	49	19.89	20.20	20.13			
10	64QAM	25	0	19.98	20.09	20.06			
10	64QAM	25	12	19.99	20.05	20.01	21	0	
10	64QAM	25	25	19.87	20.04	20.03			
10	64QAM	50	0	19.85	20.06	20.12			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.12	20.22	20.20	21	0	
5	QPSK	1	12	20.01	20.15	20.07			
5	QPSK	1	24	20.01	20.19	20.13			
5	QPSK	12	0	20.13	20.18	20.07	21	0	
5	QPSK	12	7	20.02	20.19	20.09			
5	QPSK	12	13	20.00	19.96	20.05			
5	QPSK	25	0	19.97	20.11	20.10	21	0	
5	16QAM	1	0	20.05	20.06	20.08			
5	16QAM	1	12	19.93	20.11	20.09			
5	16QAM	1	24	19.94	20.17	20.09	21	0	
5	16QAM	12	0	20.07	20.15	20.03			
5	16QAM	12	7	19.96	20.14	20.05			
5	16QAM	12	13	19.83	19.96	20.04	21	0	
5	16QAM	25	0	19.85	20.10	20.08			
5	64QAM	1	0	20.05	20.20	20.20			
5	64QAM	1	12	19.87	20.13	20.10	21	0	
5	64QAM	1	24	19.93	20.17	20.07			
5	64QAM	12	0	20.00	20.18	20.07			
5	64QAM	12	7	19.98	20.04	20.05	21	0	
5	64QAM	12	13	19.88	20.00	19.99			
5	64QAM	25	0	19.89	20.12	20.05			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	25.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.55	23.65	23.61	24.5	1	
10	QPSK	1	25	23.54	23.56	23.57			
10	QPSK	1	49	23.52	23.63	23.52			
10	QPSK	25	0	22.58	22.60	22.55			
10	QPSK	25	12	22.57	22.56	22.50	24.5	1	
10	QPSK	25	25	22.51	22.54	22.53			
10	QPSK	50	0	22.54	22.58	22.52			
10	16QAM	1	0	22.51	22.72	22.86			
10	16QAM	1	25	22.76	22.89	22.78	24.5	1	
10	16QAM	1	49	22.93	22.79	22.53			
10	16QAM	25	0	21.62	21.52	21.51			
10	16QAM	25	12	21.59	21.58	21.59			
10	16QAM	25	25	21.66	21.57	21.54	23.5	2	
10	16QAM	50	0	21.58	21.56	21.55			
10	64QAM	1	0	21.53	21.66	21.68			
10	64QAM	1	25	21.65	21.73	21.67			
10	64QAM	1	49	21.77	21.72	21.52	23.5	2	
10	64QAM	25	0	20.59	20.55	20.51			
10	64QAM	25	12	20.53	20.56	20.54			
10	64QAM	25	25	20.64	20.57	20.52			
10	64QAM	50	0	20.56	20.54	20.53	22.5	3	
10	64QAM	50	0	20.56	20.54	20.53			
Channel				23035	23095	23155	25.5	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.60	23.55	23.55	24.5	1	
5	QPSK	1	12	23.59	23.59	23.62			
5	QPSK	1	24	23.60	23.54	23.56			
5	QPSK	12	0	22.53	22.64	22.62			
5	QPSK	12	7	22.60	22.59	22.61	24.5	1	
5	QPSK	12	13	22.63	22.66	22.57			
5	QPSK	25	0	22.64	22.51	22.62			
5	16QAM	1	0	22.58	22.59	22.74			
5	16QAM	1	12	22.67	22.84	22.69	24.5	1	
5	16QAM	1	24	22.88	22.66	22.63			
5	16QAM	12	0	21.52	21.56	21.63			
5	16QAM	12	7	21.64	21.64	21.52			
5	16QAM	12	13	21.54	21.63	21.62	23.5	2	
5	16QAM	25	0	21.62	21.67	21.66			
5	64QAM	1	0	21.61	21.52	21.60			
5	64QAM	1	12	21.53	21.61	21.55			
5	64QAM	1	24	21.63	21.63	21.60	23.5	2	
5	64QAM	12	0	20.69	20.61	20.60			
5	64QAM	12	7	20.58	20.66	20.61			
5	64QAM	12	13	20.50	20.65	20.64			
5	64QAM	25	0	20.62	20.65	20.67	22.5	3	
5	64QAM	25	0	20.62	20.65	20.67			
Channel				23025	23095	23165	25.5	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.64	23.60	23.51	24.5	1	
3	QPSK	1	8	23.62	23.64	23.64			
3	QPSK	1	14	23.57	23.61	23.59			
3	QPSK	8	0	22.63	22.62	22.66			
3	QPSK	8	4	22.66	22.60	22.63	24.5	1	
3	QPSK	8	7	22.59	22.60	22.60			
3	QPSK	15	0	22.66	22.63	22.59			
3	16QAM	1	0	22.56	22.62	22.78			
3	16QAM	1	8	22.66	22.80	22.63	24.5	1	
3	16QAM	1	14	22.86	22.68	22.56			
3	16QAM	8	0	21.56	21.63	21.56			
3	16QAM	8	4	21.50	21.63	21.50			
3	16QAM	8	7	21.55	21.52	21.63	23.5	2	
3	16QAM	15	0	21.67	21.66	21.61			
3	64QAM	1	0	21.63	21.54	21.56			
3	64QAM	1	8	21.55	21.63	21.52			
3	64QAM	1	14	21.68	21.57	21.65	23.5	2	
3	64QAM	8	0	20.64	20.62	20.58			
3	64QAM	8	4	20.64	20.59	20.66			
3	64QAM	8	7	20.57	20.62	20.61			
3	64QAM	15	0	20.60	20.62	20.59	22.5	3	
3	64QAM	15	0	20.60	20.62	20.59			
Channel				23017	23095	23173	25.5	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.57	23.55	23.52	25.5	0	
1.4	QPSK	1	3	23.55	23.52	23.50			
1.4	QPSK	1	5	23.57	23.56	23.53			
1.4	QPSK	3	0	23.60	23.56	23.53			
1.4	QPSK	3	1	23.53	23.56	23.53	24.5	1	
1.4	QPSK	3	3	23.60	23.58	23.56			
1.4	QPSK	6	0	22.57	22.57	22.60			
1.4	16QAM	1	0	22.76	22.84	22.75			
1.4	16QAM	1	3	22.74	22.83	22.72	24.5	1	
1.4	16QAM	1	5	22.71	22.83	22.72			
1.4	16QAM	3	0	22.50	22.57	22.57			
1.4	16QAM	3	1	22.55	22.56	22.56			
1.4	16QAM	3	3	22.52	22.57	22.61	23.5	2	
1.4	16QAM	6	0	21.55	21.62	21.55			
1.4	64QAM	1	0	21.57	21.72	21.62			
1.4	64QAM	1	3	21.61	21.71	21.64			
1.4	64QAM	1	5	21.56	21.70	21.56	23.5	2	
1.4	64QAM	3	0	21.51	21.66	21.52			
1.4	64QAM	3	1	21.61	21.64	21.50			
1.4	64QAM	3	3	21.56	21.65	21.52			
1.4	64QAM	6	0	20.51	20.51	20.51	22.5	3	
1.4	64QAM	6	0	20.51	20.51	20.51			

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			25.5	0	
Frequency (MHz)				762					
10	QPSK	1	0		24.51		24.5	1	
10	QPSK	1	25		24.49				
10	QPSK	1	49		24.50				
10	QPSK	25	0		23.48				
10	QPSK	25	12		23.46		24.5	1	
10	QPSK	25	25		23.44				
10	QPSK	50	0		23.52				
10	16QAM	1	0		23.75				
10	16QAM	1	25		23.81		24.5	1	
10	16QAM	1	49		23.74				
10	16QAM	25	0		22.49				
10	16QAM	25	12		22.46				
10	16QAM	25	25		22.46		23.5	2	
10	16QAM	50	0		22.48				
10	64QAM	1	0		22.64				
10	64QAM	1	25		22.61				
10	64QAM	1	49		22.63		23.5	2	
10	64QAM	25	0		21.48				
10	64QAM	25	12		21.44				
10	64QAM	25	25		21.40				
10	64QAM	50	0		21.44		22.5	3	
10	64QAM	50	0		21.44				
Channel				23205	23230	23255	25.5	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.37	24.37	24.44	24.5	0	
5	QPSK	1	12	24.44	24.42	24.37			
5	QPSK	1	24	24.45	24.44	24.39			
5	QPSK	12	0	23.42	23.38	23.43	24.5	1	
5	QPSK	12	7	23.33	23.38	23.35			
5	QPSK	12	13	23.33	23.34	23.33			
5	QPSK	25	0	23.37	23.42	23.40	24.5	1	
5	16QAM	1	0	23.66	23.63	23.60			
5	16QAM	1	12	23.76	23.71	23.69			
5	16QAM	1	24	23.64	23.59	23.68	24.5	1	
5	16QAM	12	0	22.39	22.34	22.37			
5	16QAM	12	7	22.39	22.35	22.37			
5	16QAM	12	13	22.40	22.31	22.39	23.5	2	
5	16QAM	25	0	22.43	22.42	22.42			
5	64QAM	1	0	22.58	22.49	22.51			
5	64QAM	1	12	22.49	22.56	22.53	23.5	2	
5	64QAM	1	24	22.56	22.54	22.54			
5	64QAM	12	0	21.42	21.43	21.41			
5	64QAM	12	7	21.36	21.31	21.36	22.5	3	
5	64QAM	12	13	21.35	21.30	21.25			
5	64QAM	25	0	21.39	21.29	21.34			
Channel				23205	23230	23273	25.5	0	
Frequency (MHz)				779.5 <th>782</th> <th>785.5</th>	782	785.5			
3	QPSK	1	0	24.46	24.39	24.40	25.5	0	
3	QPSK	1	8	24.35	24.39	24.37			
3	QPSK	1	14	24.45	24.37	24.42			
3	QPSK	8	0	23.40	23.37	23.36	24.5	1	
3	QPSK	8	4	23.34	23.31	23.37			
3	QPSK	8	7	23.30	23.31	23.34			
3	QPSK	15	0	23.46	23.39	23.44	24.5	1	
3	16QAM	1	0	23.62	23.63	23.66			
3	16QAM	1	8	23.68	23.76	23.68			
3	16QAM	1	14	23.62	23.61	23.61	23.5	2	
3	16QAM	8	0	22.34	22.38	22.43			
3	16QAM	8	4	22.37	22.37	22.37			
3	16QAM	8	7	22.31	22.36	22.37	23.5	2	
3	16QAM	15	0	22.35	22.35	22.40			
3	64QAM	1	0	22.53	22.51	22.59			
3	64QAM	1	8	22.50	22.56	22.55	23.5	2	
3	64QAM	1	14	22.56	22.51	22.55			
3	64QAM	8	0	21.33	21.38	21.37			
3	64QAM	8	4	21.30	21.38	21.36	22.5	3	
3	64QAM	8	7	21.34	21.34	21.28			
3	64QAM	15	0	21.29	21.33	21.29			
Channel				23177	23230	23273	25.5	0	
Frequency (MHz)				777.7 <th>782<th>786.3</th></th>	782 <th>786.3</th>	786.3			
1.4	QPSK	1	0	24.34	24.41	24.39	25.5	0	
1.4	QPSK	1	3	24.44	24.43	24.44			
1.4	QPSK	1	5	24.42	24.43	24.42			
1.4	QPSK	3	0	24.38	24.43	24.43	24.5	0	
1.4	QPSK	3	1	24.43	24.44	24.43			
1.4	QPSK	3	3	24.46	24.45	24.44			
1.4	QPSK	6	0	24.44	24.44	24.44	24.5	1	
1.4	16QAM	1	0	23.63	23.70	23.71			
1.4	16QAM	1	3	23.71	23.72	23.73			
1.4	16QAM	1	5	23.68	23.69	23.69	24.5	1	
1.4	16QAM	3	0	23.41	23.41	23.42			
1.4	16QAM	3	1	23.45	23.44	23.44			
1.4	16QAM	3	3	23.44	23.41	23.42	23.5	2	
1.4	16QAM	6	0	22.48	22.48	22.49			
1.4	64QAM	1	0	22.49	22.50	22.54			
1.4	64QAM	1	3	22.58	22.55	22.56	23.5	2	
1.4	64QAM	1	5	22.52	22.53	22.53			
1.4	64QAM	3	0	22.47	22.48	22.53			
1.4	64QAM	3	1	22.52	22.55	22.52	22.5	3	
1.4	64QAM	3	3	22.54	22.53	22.52			
1.4	64QAM	6	0	21.36	21.36	21.36			

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	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.96	24.63	24.07			
10	QPSK	1	25	24.52	24.61	24.50			
10	QPSK	1	49	24.55	24.53	24.54	24	1	
10	QPSK	25	0	23.52	23.56	23.52			
10	QPSK	25	12	23.51	23.51	23.50			
10	QPSK	25	25	23.50	23.53	23.48			
10	QPSK	50	0	23.52	23.57	23.54	24	1	
10	16QAM	1	0	23.83	23.80	23.82			
10	16QAM	1	25	23.83	23.78	23.78			
10	16QAM	1	49	23.77	23.78	23.75			
10	16QAM	25	0	22.53	22.51	22.50	23	2	
10	16QAM	25	12	22.57	22.55	22.59			
10	16QAM	25	25	22.53	22.49	22.49			
10	16QAM	50	0	22.52	22.51	22.52			
10	64QAM	1	0	22.66	22.71	22.68	23	2	
10	64QAM	1	25	22.71	22.70	22.67			
10	64QAM	1	49	22.67	22.70	22.70			
10	64QAM	25	0	21.48	21.52	21.47			
10	64QAM	25	12	21.57	21.54	21.57	22	3	
10	64QAM	25	25	21.48	21.51	21.49			
10	64QAM	50	0	21.51	21.48	21.51			
Channel				23755	23760	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.45	24.51	24.48			
5	QPSK	1	12	24.41	24.53	24.45			
5	QPSK	1	24	24.50	24.44	24.42	24	1	
5	QPSK	12	0	23.46	23.41	23.43			
5	QPSK	12	7	23.37	23.39	23.41			
5	QPSK	12	13	23.38	23.42	23.36			
5	QPSK	25	0	23.41	23.47	23.47	24	1	
5	16QAM	1	0	23.68	23.75	23.70			
5	16QAM	1	12	23.73	23.69	23.64			
5	16QAM	1	24	23.62	23.70	23.69			
5	16QAM	12	0	22.46	22.45	22.43	23	2	
5	16QAM	12	7	22.52	22.43	22.47			
5	16QAM	12	13	22.45	22.38	22.37			
5	16QAM	25	0	22.42	22.46	22.39			
5	64QAM	1	0	22.54	22.56	22.57	23	2	
5	64QAM	1	12	22.66	22.58	22.52			
5	64QAM	1	24	22.55	22.61	22.55			
5	64QAM	12	0	21.40	21.40	21.38			
5	64QAM	12	7	21.46	21.40	21.47	22	3	
5	64QAM	12	13	21.43	21.36	21.34			
5	64QAM	25	0	21.39	21.35	21.42			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.87	23.91	23.90			
10	QPSK	1	25	23.82	23.90	23.88			
10	QPSK	1	49	23.84	23.87	23.85	24	1	
10	QPSK	25	0	22.82	22.87	22.86			
10	QPSK	25	12	22.78	22.78	22.77			
10	QPSK	25	25	22.79	22.81	22.78			
10	QPSK	50	0	22.80	22.86	22.82	24	1	
10	16QAM	1	0	23.06	23.16	23.13			
10	16QAM	1	25	23.10	23.09	23.12			
10	16QAM	1	49	23.06	23.06	23.05			
10	16QAM	25	0	21.75	21.81	21.82	23	2	
10	16QAM	25	12	21.86	21.87	21.90			
10	16QAM	25	25	21.81	21.83	21.78			
10	16QAM	50	0	21.80	21.82	21.80			
10	64QAM	1	0	21.93	22.01	21.99	23	2	
10	64QAM	1	25	22.02	21.97	21.99			
10	64QAM	1	49	21.97	21.96	22.00			
10	64QAM	25	0	20.77	20.78	20.77			
10	64QAM	25	12	20.85	20.84	20.88	22	3	
10	64QAM	25	25	20.76	20.79	20.77			
10	64QAM	50	0	20.77	20.79	20.78			
Channel				23755	23760	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.75	23.76	23.84			
5	QPSK	1	12	23.73	23.77	23.75			
5	QPSK	1	24	23.75	23.79	23.70	24	1	
5	QPSK	12	0	22.76	22.76	22.71			
5	QPSK	12	7	22.66	22.71	22.62			
5	QPSK	12	13	22.71	22.71	22.69			
5	QPSK	25	0	22.66	22.72	22.70	24	1	
5	16QAM	1	0	22.93	23.13	23.07			
5	16QAM	1	12	22.99	23.04	23.00			
5	16QAM	1	24	22.98	23.02	22.90			
5	16QAM	12	0	21.65	21.66	21.73	23	2	
5	16QAM	12	7	21.78	21.82	21.75			
5	16QAM	12	13	21.68	21.71	21.73			
5	16QAM	25	0	21.68	21.68	21.75			
5	64QAM	1	0	21.84	21.88	21.85	23	2	
5	64QAM	1	12	21.94	21.92	21.88			
5	64QAM	1	24	21.82	21.87	21.89			
5	64QAM	12	0	20.71	20.66	20.68			
5	64QAM	12	7	20.73	20.71	20.75	22	3	
5	64QAM	12	13	20.63	20.64	20.62			
5	64QAM	25	0	20.63	20.67	20.69			

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	24.56	24.57	24.49	25.5	0	
15	QPSK	1	37	24.55	24.53	24.48			
15	QPSK	1	74	24.52	24.55	24.43			
15	QPSK	36	0	23.47	23.52	23.51	24.5	1	
15	QPSK	36	39	23.44	23.49	23.50			
15	QPSK	75	0	23.49	23.50	23.47			
15	16QAM	1	0	23.62	23.73	23.69	24.5	1	
15	16QAM	1	37	23.77	23.79	23.77			
15	16QAM	1	74	23.75	23.73	23.78			
15	16QAM	36	0	22.48	22.43	22.58	23.5	2	
15	16QAM	36	20	22.51	22.51	22.56			
15	16QAM	36	39	22.49	22.48	22.55			
15	16QAM	75	0	22.48	22.47	22.60	23.5	2	
15	64QAM	1	0	22.51	22.66	22.61			
15	64QAM	1	37	22.66	22.67	22.70			
15	64QAM	1	74	22.60	22.59	22.65	22.5	3	
15	64QAM	36	0	21.48	21.43	21.58			
15	64QAM	36	20	21.45	21.51	21.56			
15	64QAM	36	39	21.46	21.51	21.57	22.5	3	
15	64QAM	75	0	21.48	21.45	21.57			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.41	24.50	24.36	25.5	0	
10	QPSK	1	25	24.41	24.43	24.33			
10	QPSK	1	49	24.46	24.40	24.34			
10	QPSK	25	0	23.37	23.47	23.38	24.5	1	
10	QPSK	25	12	23.36	23.36	23.42			
10	QPSK	25	25	23.35	23.38	23.34			
10	QPSK	50	0	23.40	23.35	23.41	24.5	1	
10	16QAM	1	0	23.47	23.64	23.62			
10	16QAM	1	25	23.63	23.66	23.68			
10	16QAM	1	49	23.60	23.60	23.66	23.5	2	
10	16QAM	25	0	22.34	22.32	22.50			
10	16QAM	25	12	22.44	22.39	22.51			
10	16QAM	25	25	22.39	22.38	22.46	23.5	2	
10	16QAM	50	0	22.35	22.38	22.49			
10	64QAM	1	0	22.45	22.61	22.48			
10	64QAM	1	25	22.61	22.53	22.65	23.5	2	
10	64QAM	1	49	22.49	22.45	22.51			
10	64QAM	25	0	21.38	21.38	21.43			
10	64QAM	25	12	21.40	21.40	21.42	22.5	3	
10	64QAM	25	25	21.39	21.41	21.43			
10	64QAM	50	0	21.41	21.32	21.42			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.51	24.45	24.36	25.5	0	
5	QPSK	1	12	24.49	24.48	24.41			
5	QPSK	1	24	24.41	24.50	24.30			
5	QPSK	12	0	23.36	23.38	23.40	24.5	1	
5	QPSK	12	7	23.34	23.46	23.39			
5	QPSK	12	13	23.30	23.39	23.38			
5	QPSK	25	0	23.44	23.45	23.33	24.5	1	
5	16QAM	1	0	23.54	23.58	23.58			
5	16QAM	1	12	23.69	23.69	23.68			
5	16QAM	1	24	23.65	23.65	23.70	23.5	2	
5	16QAM	12	0	22.34	22.35	22.46			
5	16QAM	12	7	22.44	22.37	22.49			
5	16QAM	12	13	22.42	22.37	22.41	23.5	2	
5	16QAM	25	0	22.43	22.34	22.52			
5	64QAM	1	0	22.43	22.51	22.48			
5	64QAM	1	12	22.58	22.55	22.58	23.5	2	
5	64QAM	1	24	22.49	22.46	22.51			
5	64QAM	12	0	21.39	21.31	21.46			
5	64QAM	12	7	21.33	21.38	21.42	22.5	3	
5	64QAM	12	13	21.32	21.37	21.49			
5	64QAM	25	0	21.33	21.31	21.44			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.50	24.49	24.43	25.5	0	
3	QPSK	1	8	24.43	24.45	24.39			
3	QPSK	1	14	24.44	24.50	24.30			
3	QPSK	8	0	23.41	23.45	23.44	24.5	1	
3	QPSK	8	4	23.30	23.45	23.45			
3	QPSK	8	7	23.30	23.38	23.38			
3	QPSK	15	0	23.37	23.38	23.32	24.5	1	
3	16QAM	1	0	23.50	23.61	23.59			
3	16QAM	1	8	23.66	23.71	23.72			
3	16QAM	1	14	23.67	23.58	23.72	23.5	2	
3	16QAM	8	0	22.43	22.52	22.53			
3	16QAM	8	4	22.45	22.44	22.50			
3	16QAM	8	7	22.36	22.40	22.40	23.5	2	
3	16QAM	15	0	22.43	22.35	22.49			
3	64QAM	1	0	22.37	22.56	22.47			
3	64QAM	1	8	22.56	22.62	22.60	23.5	2	
3	64QAM	1	14	22.49	22.53	22.52			
3	64QAM	8	0	21.40	21.37	21.49			
3	64QAM	8	4	21.34	21.39	21.42	22.5	3	
3	64QAM	8	7	21.34	21.46	21.42			
3	64QAM	15	0	21.42	21.39	21.51			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.36	24.48	24.56	25.5	0	
1.4	QPSK	1	3	24.38	24.49	24.42			
1.4	QPSK	1	5	24.37	24.49	24.36			
1.4	QPSK	3	0	24.41	24.52	24.43	24.5	1	
1.4	QPSK	3	1	24.44	24.52	24.43			
1.4	QPSK	3	3	24.44	24.51	24.45			
1.4	QPSK	6	0	23.43	23.51	23.59	24.5	1	
1.4	16QAM	1	0	23.61	23.70	23.80			
1.4	16QAM	1	3	23.64	23.77	23.81			
1.4	16QAM	1	5	23.60	23.75	23.82	24.5	1	
1.4	16QAM	3	0	23.47	23.52	23.59			
1.4	16QAM	3	1	23.45	23.50	23.62			
1.4	16QAM	3	3	23.43	23.46	23.62	23.5	2	
1.4	16QAM	6	0	22.48	22.56	22.67			
1.4	64QAM	1	0	22.51	22.59	22.67			
1.4	64QAM	1	3	22.53	22.63	22.68	23.5	2	
1.4	64QAM	1	5	22.50	22.61	22.71			
1.4	64QAM	3	0	22.49	22.57	22.68			
1.4	64QAM	3	1	22.49	22.54	22.67	22.5	3	
1.4	64QAM	3	3	22.49	22.54	22.67			
1.4	64QAM	6	0	21.36	21.43	21.53			

Band 26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.49	22.57	22.44	24	0	
15	QPSK	1	37	22.36	22.50	22.34			
15	QPSK	1	74	22.37	22.32	22.33			
15	QPSK	36	0	22.29	22.32	22.25	24	0	
15	QPSK	36	20	22.26	22.18	22.22			
15	QPSK	36	39	22.22	22.11	22.24			
15	QPSK	75	0	22.24	22.26	22.17	24	0	
15	16QAM	1	0	22.41	22.35	22.52			
15	16QAM	1	37	22.42	22.32	22.39			
15	16QAM	1	74	21.88	21.86	22.40	23.5	0.5	
15	16QAM	36	0	21.69	21.69	21.76			
15	16QAM	36	20	21.69	21.79	21.67			
15	16QAM	36	39	21.76	21.72	21.68	23.5	0.5	
15	16QAM	75	0	21.66	21.65	21.68			
15	8QAM	1	0	21.77	21.88	21.86			
15	8QAM	1	37	21.76	21.79	21.73	23.5	0.5	
15	8QAM	1	74	21.88	21.86	21.85			
15	8QAM	36	0	20.60	20.68	20.76			
15	8QAM	36	20	20.76	20.68	20.74	22.5	1.5	
15	8QAM	36	39	20.69	20.63	20.63			
15	8QAM	75	0	20.76	20.69	20.77			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.40	22.54	22.42	24	0	
10	QPSK	1	25	22.35	22.46	22.31			
10	QPSK	1	49	22.36	22.24	22.31			
10	QPSK	25	0	22.24	22.20	22.24	24	0	
10	QPSK	25	12	22.25	22.07	22.19			
10	QPSK	25	25	22.17	22.00	22.04			
10	QPSK	50	0	22.13	22.14	22.16	24	0	
10	16QAM	1	0	22.39	22.33	22.48			
10	16QAM	1	25	22.39	22.39	22.48			
10	16QAM	1	49	22.36	22.29	22.39	23.5	0.5	
10	16QAM	25	0	21.64	21.66	21.75			
10	16QAM	25	12	21.58	21.72	21.56			
10	16QAM	25	25	21.67	21.84	21.67	23.5	0.5	
10	16QAM	50	0	21.60	21.83	21.67			
10	8QAM	1	0	21.85	21.87	21.77			
10	8QAM	1	25	21.64	21.70	21.79	22.5	1.5	
10	8QAM	1	49	21.84	21.82	21.74			
10	8QAM	25	0	20.56	20.63	20.65			
10	8QAM	25	12	20.69	20.64	20.66	22.5	1.5	
10	8QAM	25	25	20.64	20.62	20.61			
10	8QAM	50	0	20.70	20.56	20.65			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
5	QPSK	1	0	22.44	22.49	22.33	24	0	
5	QPSK	1	12	22.34	22.46	22.24			
5	QPSK	1	24	22.34	22.21	22.23			
5	QPSK	12	0	22.22	22.28	22.21	24	0	
5	QPSK	12	7	22.25	22.18	22.16			
5	QPSK	12	13	22.18	22.08	22.07			
5	QPSK	25	0	22.13	22.24	22.11	24	0	
5	16QAM	1	0	22.38	22.31	22.40			
5	16QAM	1	12	22.44	22.26	22.33			
5	16QAM	1	24	22.32	22.34	22.37	23.5	0.5	
5	16QAM	12	0	21.66	21.61	21.67			
5	16QAM	12	7	21.60	21.72	21.60			
5	16QAM	12	13	21.70	21.62	21.61	23.5	0.5	
5	16QAM	25	0	21.56	21.57	21.57			
5	8QAM	1	0	21.75	21.81	21.79			
5	8QAM	1	12	21.66	21.71	21.79	22.5	1.5	
5	8QAM	1	24	21.85	21.85	21.82			
5	8QAM	12	0	20.51	20.62	20.66			
5	8QAM	12	7	20.66	20.59	20.63	22.5	1.5	
5	8QAM	12	13	20.63	20.55	20.51			
5	8QAM	25	0	20.68	20.64	20.68			
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	22.46	22.50	22.34	24	0	
3	QPSK	1	8	22.26	22.38	22.24			
3	QPSK	1	14	22.34	22.31	22.27			
3	QPSK	8	0	22.19	22.27	22.20	24	0	
3	QPSK	8	4	22.18	22.07	22.18			
3	QPSK	8	11	22.15	22.03	22.07			
3	QPSK	15	0	22.12	22.16	22.06	24	0	
3	16QAM	1	0	22.31	22.26	22.42			
3	16QAM	1	8	22.45	22.20	22.33			
3	16QAM	1	14	22.34	22.30	22.31	23.5	0.5	
3	16QAM	8	0	21.57	21.57	21.64			
3	16QAM	8	4	21.58	21.76	21.63			
3	16QAM	8	11	21.75	21.76	21.67	23.5	0.5	
3	16QAM	15	0	21.54	21.62	21.67			
3	8QAM	1	0	21.76	21.87	21.80			
3	8QAM	1	8	21.71	21.78	21.73	23.5	0.5	
3	8QAM	1	14	21.84	21.79	21.84			
3	8QAM	8	0	20.51	20.67	20.67			
3	8QAM	8	4	20.69	20.59	20.66	22.5	1.5	
3	8QAM	8	11	20.69	20.58	20.66			
3	8QAM	8	7	20.62	20.55	20.56			
3	8QAM	15	0	20.75	20.62	20.65	22.5	1.5	
3	8QAM	15	0	20.75	20.60	20.67			
3	8QAM	15	0	20.75	20.60	20.67			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.45	22.46	22.33	24	0	
1.4	QPSK	1	3	22.30	22.48	22.32			
1.4	QPSK	1	5	22.29	22.20	22.22			
1.4	QPSK	3	0	22.28	22.22	22.21	24	0	
1.4	QPSK	3	1	22.25	22.16	22.18			
1.4	QPSK	3	3	22.16	22.10	22.04			
1.4	QPSK	6	0	22.12	22.20	22.14	24	0	
1.4	16QAM	1	0	22.32	22.29	22.46			
1.4	16QAM	1	3	22.46	22.25	22.36			
1.4	16QAM	1	5	22.34	22.34	22.32	24	0	
1.4	16QAM	3	0	22.29	22.19	22.40			
1.4	16QAM	3	1	22.42	22.22	22.24			
1.4	16QAM	3	3	22.29	22.33	22.21	23.5	0.5	
1.4	16QAM	6	0	21.64	21.63	21.58			
1.4	8QAM	1	0	21.65	21.84	21.82			
1.4	8QAM	1	3	21.73	21.74	21.82	23.5	0.5	
1.4	8QAM	1	5	21.82	21.80	21.79			
1.4	8QAM	3	0	21.59	21.78	21.74			
1.4	8QAM	3	1	21.62	21.68	21.71	22.5	1.5	
1.4	8QAM	3	3	21.77	21.73	21.74			
1.4	8QAM	6	0	20.75	20.60	20.67			

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.65	24.67	24.44		
20	QPSK	1	49	24.61	24.50	24.39	25.7	0
20	QPSK	1	99	24.64	24.48	24.36		
20	QPSK	50	0	23.78	23.94	23.80		
20	QPSK	50	24	23.77	23.66	23.57	24.7	1
20	QPSK	50	50	23.77	23.62	23.55		
20	QPSK	100	0	23.67	23.76	23.56		
20	16QAM	1	0	23.83	23.66	23.54		
20	16QAM	1	49	23.81	23.64	23.56	24.7	1
20	16QAM	1	99	23.76	23.59	23.55		
20	16QAM	50	0	22.84	22.62	22.53		
20	16QAM	50	24	22.78	22.64	22.56	23.7	2
20	16QAM	50	50	22.76	22.62	22.60		
20	16QAM	100	0	22.77	22.63	22.55		
20	64QAM	1	0	22.54	22.36	22.24		
20	64QAM	1	49	22.51	22.33	22.25	23.7	2
20	64QAM	1	99	22.44	22.27	22.25		
20	64QAM	50	0	21.79	21.62	21.52		
20	64QAM	50	24	21.74	21.61	21.55	22.7	3
20	64QAM	50	50	21.75	21.58	21.55		
20	64QAM	100	0	21.74	21.61	21.53		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	24.56	24.52	24.39	25.7	0
15	QPSK	1	37	24.52	24.37	24.33		
15	QPSK	1	74	24.56	24.33	24.29		
15	QPSK	36	0	23.67	23.72	23.54		
15	QPSK	36	20	23.72	23.57	23.42	24.7	1
15	QPSK	36	39	23.66	23.54	23.41		
15	QPSK	75	0	23.52	23.67	23.44		
15	16QAM	1	0	23.76	23.61	23.41		
15	16QAM	1	37	23.74	23.58	23.48	24.7	1
15	16QAM	1	74	23.71	23.53	23.44		
15	16QAM	36	0	22.78	22.47	22.44		
15	16QAM	36	20	22.64	22.58	22.50	23.7	2
15	16QAM	36	39	22.66	22.51	22.46		
15	16QAM	75	0	22.60	22.46	22.46		
15	64QAM	1	0	22.40	22.25	22.11		
15	64QAM	1	37	22.38	22.18	22.10	23.7	2
15	64QAM	1	74	22.33	22.22	22.16		
15	64QAM	36	0	21.70	21.53	21.46		
15	64QAM	36	20	21.63	21.52	21.41	22.7	3
15	64QAM	36	39	21.61	21.43	21.50		
15	64QAM	75	0	21.64	21.46	21.47		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	24.54	24.62	24.34	25.7	0
10	QPSK	1	25	24.56	24.44	24.30		
10	QPSK	1	49	24.54	24.39	24.28		
10	QPSK	25	0	23.67	23.78	23.53		
10	QPSK	25	12	23.72	23.52	23.45	24.7	1
10	QPSK	25	25	23.71	23.50	23.45		
10	QPSK	50	0	23.59	23.64	23.44		
10	16QAM	1	0	23.78	23.59	23.48		
10	16QAM	1	25	23.68	23.49	23.43	24.7	1
10	16QAM	1	49	23.63	23.53	23.44		
10	16QAM	25	0	22.71	22.12	22.16		
10	16QAM	25	12	22.72	22.54	22.51	23.7	2
10	16QAM	25	25	22.68	22.55	22.51		
10	16QAM	50	0	22.62	22.56	22.49		
10	64QAM	1	0	22.47	22.27	22.12		
10	64QAM	1	25	22.40	22.19	22.19	23.7	2
10	64QAM	1	49	22.34	22.12	22.16		
10	64QAM	25	0	21.71	21.51	21.39		
10	64QAM	25	12	21.60	21.55	21.45	22.7	3
10	64QAM	25	25	21.61	21.51	21.43		
10	64QAM	50	0	21.66	21.56	21.44		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.50	24.62	24.33	25.7	0
5	QPSK	1	12	24.48	24.40	24.27		
5	QPSK	1	24	24.49	24.37	24.25		
5	QPSK	12	0	23.65	23.75	23.50		
5	QPSK	12	7	23.64	23.60	23.46	24.7	1
5	QPSK	12	13	23.70	23.49	23.46		
5	QPSK	25	0	23.52	23.71	23.48		
5	16QAM	1	0	23.71	23.59	23.39		
5	16QAM	1	12	23.71	23.49	23.45	24.7	1
5	16QAM	1	24	23.65	23.44	23.50		
5	16QAM	12	0	22.70	22.47	22.47		
5	16QAM	12	7	22.72	22.51	22.41	23.7	2
5	16QAM	12	13	22.64	22.49	22.54		
5	16QAM	25	0	22.71	22.49	22.46		
5	64QAM	1	0	22.42	22.28	22.10		
5	64QAM	1	12	22.43	22.23	22.13	23.7	2
5	64QAM	1	24	22.33	22.15	22.19		
5	64QAM	12	0	21.71	21.57	21.46		
5	64QAM	12	7	21.66	21.50	21.41	22.7	3
5	64QAM	12	13	21.67	21.53	21.40		
5	64QAM	25	0	21.62	21.55	21.39		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.36	21.42	21.31		
20	QPSK	1	49	21.33	21.38	21.28	22.2	0
20	QPSK	1	99	21.30	21.36	21.22		
20	QPSK	50	0	21.33	21.41	21.29		
20	QPSK	50	24	21.29	21.31	21.26	22.2	0
20	QPSK	50	50	21.32	21.36	21.28		
20	QPSK	100	0	21.29	21.37	21.25		
20	16QAM	1	0	21.30	21.30	21.22		
20	16QAM	1	49	21.22	21.23	21.17	22.2	0
20	16QAM	1	99	21.22	21.33	21.20		
20	16QAM	50	0	21.31	21.34	21.21		
20	16QAM	50	24	21.24	21.28	21.17	22.2	0
20	16QAM	50	50	21.20	21.25	21.25		
20	16QAM	100	0	21.26	21.29	21.22		
20	64QAM	1	0	21.26	21.38	21.28		
20	64QAM	1	49	21.24	21.24	21.27	22.2	0
20	64QAM	1	99	21.29	21.27	21.19		
20	64QAM	50	0	21.29	21.33	21.23		
20	64QAM	50	24	21.17	21.19	21.16	22.2	0
20	64QAM	50	50	21.29	21.24	21.18		
20	64QAM	100	0	21.24	21.27	21.24		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.24	21.38	21.19	22.2	0
15	QPSK	1	37	21.21	21.21	21.27		
15	QPSK	1	74	21.29	21.35	21.12		
15	QPSK	36	0	21.23	21.36	21.23		
15	QPSK	36	20	21.27	21.30	21.14	22.2	0
15	QPSK	36	39	21.20	21.27	21.19		
15	QPSK	75	0	21.26	21.26	21.24		
15	16QAM	1	0	21.25	21.28	21.19		
15	16QAM	1	37	21.18	21.20	21.08	22.2	0
15	16QAM	1	74	21.16	21.25	21.12		
15	16QAM	36	0	21.25	21.29	21.14		
15	16QAM	36	20	21.16	21.17	21.12	22.2	0
15	16QAM	36	39	21.09	21.14	21.20		
15	16QAM	75	0	21.25	21.18	21.18		
15	64QAM	1	0	21.17	21.29	21.22		
15	64QAM	1	37	21.22	21.18	21.21	22.2	0
15	64QAM	1	74	21.23	21.18	21.16		
15	64QAM	36	0	21.23	21.32	21.12		
15	64QAM	36	20	21.15	21.07	21.15	22.2	0
15	64QAM	36	39	21.20	21.20	21.12		
15	64QAM	75	0	21.21	21.15	21.18		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.31	21.37	21.24	22.2	0
10	QPSK	1	25	21.23	21.28	21.24		
10	QPSK	1	49	21.20	21.24	21.13		
10	QPSK	25	0	21.27	21.34	21.22		
10	QPSK	25	12	21.23	21.20	21.23	22.2	0
10	QPSK	25	25	21.26	21.30	21.22		
10	QPSK	50	0	21.19	21.35	21.18		
10	16QAM	1	0	21.29	21.29	21.19		
10	16QAM	1	25	21.15	21.12	21.08	22.2	0
10	16QAM	1	49	21.20	21.25	21.14		
10	16QAM	25	0	21.20	21.22	21.19		
10	16QAM	25	12	21.22	21.25	21.16	22.2	0
10	16QAM	25	25	21.08	21.22	21.14		
10	16QAM	50	0	21.23	21.25	21.11		
10	64QAM	1	0	21.21	21.29	21.25	22.2	0
10	64QAM	1	25	21.12	21.22	21.21		
10	64QAM	1	49	21.25	21.20	21.15		
10	64QAM	25	0	21.23	21.24	21.21		
10	64QAM	25	12	21.08	21.17	21.09	22.2	0
10	64QAM	25	25	21.24	21.18	21.09		
10	64QAM	50	0	21.20	21.25	21.14		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.28	21.31	21.27	22.2	0
5	QPSK	1	12	21.21	21.26	21.22		
5	QPSK	1	24	21.25	21.34	21.17		
5	QPSK	12	0	21.25	21.39	21.21		
5	QPSK	12	7	21.26	21.28	21.22	22.2	0
5	QPSK	12	13	21.24	21.31	21.21		
5	QPSK	25	0	21.24	21.33	21.24		
5	16QAM	1	0	21.23	21.36	21.16		
5	16QAM	1	12	21.21	21.24	21.09	22.2	0
5	16QAM	1	24	21.16	21.26	21.10		
5	16QAM	12	0	21.30	21.23	21.09		
5	16QAM	12	7	21.14	21.25	21.11	22.2	0
5	16QAM	12	13	21.11	21.21	21.22		
5	16QAM	25	0	21.14	21.25	21.16		
5	64QAM	1	0	21.24	21.35	21.23		
5	64QAM	1	12	21.17	21.22	21.15	22.2	0
5	64QAM	1	24	21.20	21.31	21.15		
5	64QAM	12	0	21.17	21.31	21.17		
5	64QAM	12	7	21.09	21.16	21.08	22.2	0
5	64QAM	12	13	21.26	21.14	21.06		
5	64QAM	25	0	21.15	21.17	21.20		

Band 41_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.72	24.66	24.75	24.45	24.74	25.7	0		
20	QPSK	1	49	24.71	24.64	24.74	24.43	24.71				
20	QPSK	1	99	24.69	24.65	24.68	24.44	24.72				
20	QPSK	50	0	23.87	23.90	23.93	23.69	23.92	24.7	1		
20	QPSK	50	24	23.83	23.89	23.89	23.67	23.91				
20	QPSK	50	50	23.85	23.87	23.87	23.66	23.88				
20	QPSK	100	0	23.85	23.81	23.87	23.67	23.84	24.7	1		
20	16QAM	1	0	24.16	23.86	23.93	23.58	24.06				
20	16QAM	1	49	24.18	23.88	23.92	23.67	24.08				
20	16QAM	1	99	24.14	24.02	23.84	23.72	24.00	23.7	2		
20	16QAM	50	0	23.11	22.84	22.92	22.68	23.10				
20	16QAM	50	24	23.15	22.86	22.86	22.72	23.08				
20	16QAM	50	50	23.20	22.94	22.87	22.66	23.05	23.7	2		
20	16QAM	100	0	23.14	22.90	22.87	22.67	23.07				
20	64QAM	1	0	22.89	22.56	22.64	22.30	22.76				
20	64QAM	1	49	22.92	22.60	22.62	22.38	22.78	23.7	2		
20	64QAM	1	99	22.84	22.71	22.53	22.43	22.71				
20	64QAM	50	0	22.09	21.80	21.90	21.66	22.06				
20	64QAM	50	24	22.12	21.86	21.87	21.69	22.05	22.7	3		
20	64QAM	50	50	22.16	21.90	21.85	21.63	22.01				
20	64QAM	100	0	22.13	21.89	21.87	21.65	22.04				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	24.59	24.51	24.67	24.30	24.65	25.7	0		
15	QPSK	1	37	24.59	24.54	24.62	24.29	24.56				
15	QPSK	1	74	24.58	24.5	24.61	24.37	24.61				
15	QPSK	36	0	23.74	23.81	23.80	23.61	23.79	24.7	1		
15	QPSK	36	20	23.77	23.82	23.77	23.60	23.79				
15	QPSK	36	39	23.76	23.82	23.81	23.59	23.82				
15	QPSK	75	0	23.80	23.75	23.74	23.62	23.79	24.7	1		
15	16QAM	1	0	24.07	23.72	23.78	23.43	23.98				
15	16QAM	1	37	24.09	23.74	23.84	23.53	23.93				
15	16QAM	1	74	24.08	23.81	23.69	23.58	23.85	23.7	2		
15	16QAM	36	0	23.03	22.69	22.77	22.61	23.00				
15	16QAM	36	20	23.01	22.76	22.85	22.84	23.02				
15	16QAM	36	39	23.08	22.87	22.73	22.81	22.91	23.7	2		
15	16QAM	75	0	23.94	23.81	23.81	22.57	23.02				
15	64QAM	1	0	22.77	22.51	22.52	22.16	22.71				
15	64QAM	1	37	22.87	22.51	22.49	22.31	22.64	23.7	2		
15	64QAM	1	74	22.79	22.62	22.38	22.34	22.61				
15	64QAM	36	0	21.99	21.69	21.80	21.53	21.97				
15	64QAM	36	20	22.07	21.81	21.82	21.59	21.99	22.7	3		
15	64QAM	36	39	22.06	21.77	21.72	21.53	21.88				
15	64QAM	75	0	21.98	21.77	21.81	21.52	21.98				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.66	24.61	24.63	24.36	24.60	25.7	0		
10	QPSK	1	25	24.57	24.54	24.64	24.38	24.66				
10	QPSK	1	49	24.61	24.53	24.56	24.29	24.62				
10	QPSK	25	0	23.81	23.82	23.78	23.56	23.82	24.7	1		
10	QPSK	25	12	23.78	23.80	23.79	23.53	23.77				
10	QPSK	25	25	23.75	23.77	23.82	23.59	23.80				
10	QPSK	50	0	23.78	23.71	23.77	23.58	23.70	24.7	1		
10	16QAM	1	0	24.02	23.73	23.83	23.45	23.93				
10	16QAM	1	25	24.09	23.81	23.80	23.62	23.99				
10	16QAM	1	49	24.09	23.89	23.73	23.64	23.90	23.7	2		
10	16QAM	25	0	23.01	22.72	22.79	22.53	23.05				
10	16QAM	25	12	23.08	22.77	22.85	22.66	22.94				
10	16QAM	25	25	23.14	22.82	22.72	22.55	22.99	23.7	2		
10	16QAM	50	0	23.06	22.83	22.81	22.61	22.94				
10	64QAM	1	0	22.74	22.47	22.51	22.24	22.61				
10	64QAM	1	25	22.82	22.52	22.52	22.27	22.66	22.7	2		
10	64QAM	1	49	22.96	22.56	22.38	22.33	22.62				
10	64QAM	25	0	21.94	21.66	21.75	21.56	21.99				
10	64QAM	25	12	22.00	21.81	21.72	21.54	21.93	22.7	3		
10	64QAM	25	25	22.02	21.79	21.74	21.50	21.93				
10	64QAM	50	0	21.98	21.76	21.79	21.57	21.96				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5				
5	QPSK	1	0	24.58	24.58	24.67	24.40	24.67	25.7	0		
5	QPSK	1	12	24.62	24.57	24.63	24.38	24.58				
5	QPSK	1	24	24.58	24.58	24.55	24.35	24.67				
5	QPSK	12	0	23.77	23.82	23.78	23.61	23.80	24.7	1		
5	QPSK	12	7	23.78	23.78	23.78	23.54	23.80				
5	QPSK	12	13	23.70	23.80	23.78	23.56	23.82				
5	QPSK	25	0	23.72	23.74	23.78	23.57	23.78	24.7	1		
5	16QAM	1	0	24.02	23.77	23.88	23.53	23.96				
5	16QAM	1	12	24.10	23.81	23.81	23.62	23.94				
5	16QAM	1	24	24.01	23.90	23.72	23.58	23.87	23.7	2		
5	16QAM	12	0	22.99	22.77	22.83	22.53	22.99				
5	16QAM	12	7	23.00	22.81	22.80	22.63	22.93				
5	16QAM	12	13	23.14	22.84	22.76	22.53	22.96	23.7	2		
5	16QAM	25	0	23.01	22.80	22.76	22.59	22.95				
5	64QAM	1	0	22.84	22.50	22.53	22.17	22.61				
5	64QAM	1	12	22.79	22.55	22.51	22.23	22.67	23.7	2		
5	64QAM	1	24	22.74	22.65	22.38	22.35	22.60				
5	64QAM	12	0	21.97	21.75	21.82	21.52	22.00				
5	64QAM	12	7	21.99	21.72	21.73	21.57	21.97	22.7	3		
5	64QAM	12	13	22.04	21.83	21.78	21.59	21.88				
5	64QAM	25	0	22.00	21.78	21.80	21.54	21.91				

Band 41_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	21.93	22.00	22.04	21.90	21.99				
20	QPSK	1	49	21.81	21.90	21.95	21.83	21.88	23		0	
20	QPSK	1	99	21.81	21.93	21.96	21.80	21.98				
20	QPSK	50	0	21.96	21.95	21.98	21.82	21.97				
20	QPSK	50	24	21.76	21.82	21.87	21.80	21.76	23		0	
20	QPSK	50	50	21.79	21.89	21.95	21.70	21.90				
20	QPSK	100	0	21.82	21.88	21.95	21.84	21.92				
20	16QAM	1	0	21.81	21.92	21.92	21.99	21.96				
20	16QAM	1	49	21.80	21.88	21.89	21.89	21.83	23		0	
20	16QAM	1	99	21.76	21.86	21.87	21.80	21.93				
20	16QAM	50	0	21.88	21.82	21.78	21.75	22.00				
20	16QAM	50	24	21.71	21.74	21.68	21.75	21.84	22.5		0.5	
20	16QAM	50	50	21.76	21.56	21.77	21.81	21.78				
20	16QAM	100	0	21.70	21.58	21.77	21.73	21.84				
20	64QAM	1	0	21.41	21.20	21.42	21.43	21.71				
20	64QAM	1	49	21.46	21.24	21.44	21.48	21.55	22.5		0.5	
20	64QAM	1	99	21.40	21.40	21.52	21.50	21.45				
20	64QAM	50	0	20.59	20.39	20.76	20.81	20.97				
20	64QAM	50	24	20.61	20.43	20.74	20.76	20.92	21.5		1.5	
20	64QAM	50	50	20.70	20.54	20.71	20.78	20.74				
20	64QAM	100	0	20.63	20.52	20.68	20.79	20.88				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	21.82	21.88	21.94	21.97	21.87				
15	QPSK	1	37	21.77	21.79	21.91	21.88	21.78	23		0	
15	QPSK	1	74	21.72	21.81	21.95	21.85	21.87				
15	QPSK	36	0	21.85	21.85	21.91	21.81	21.92				
15	QPSK	36	20	21.73	21.74	21.86	21.75	21.71	23		0	
15	QPSK	36	39	21.69	21.83	21.82	21.78	21.85				
15	QPSK	75	0	21.78	21.86	21.93	21.73	21.83				
15	16QAM	1	0	21.75	21.87	21.87	21.88	21.90				
15	16QAM	1	37	21.68	21.82	21.79	21.84	21.77	23		0	
15	16QAM	1	74	21.71	21.71	21.74	21.64	21.84				
15	16QAM	36	0	21.57	21.30	21.66	21.73	21.90				
15	16QAM	36	20	21.69	21.38	21.70	21.87	21.83	22.5		0.5	
15	16QAM	36	39	21.74	21.50	21.71	21.70	21.68				
15	16QAM	75	0	21.59	21.57	21.71	21.70	21.72				
15	64QAM	1	0	21.40	21.08	21.36	21.38	21.82				
15	64QAM	1	37	21.41	21.07	21.28	21.39	21.48	22.5		0.5	
15	64QAM	1	74	21.30	21.34	21.45	21.44	21.49				
15	64QAM	36	0	20.51	20.30	20.73	20.70	20.96				
15	64QAM	36	20	20.52	20.41	20.71	20.70	20.70	21.5		1.5	
15	64QAM	36	39	20.63	20.46	20.64	20.70	20.63				
15	64QAM	75	0	20.56	20.51	20.63	20.67	20.78				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2686				
10	QPSK	1	0	21.85	21.88	21.92	22.01	21.93				
10	QPSK	1	25	21.75	21.87	21.89	21.82	21.84	23		0	
10	QPSK	1	49	21.76	21.90	21.83	21.86	21.89				
10	QPSK	25	0	21.84	21.93	21.90	21.89	21.95				
10	QPSK	25	12	21.75	21.71	21.78	21.75	21.74	23		0	
10	QPSK	25	25	21.73	21.78	21.78	21.78	21.89				
10	QPSK	50	0	21.71	21.76	21.89	21.81	21.89				
10	16QAM	1	0	21.73	21.85	21.86	21.82	21.96				
10	16QAM	1	25	21.78	21.76	21.88	21.85	21.78	23		0	
10	16QAM	1	49	21.72	21.78	21.79	21.71	21.83				
10	16QAM	25	0	21.58	21.33	21.71	21.67	21.99				
10	16QAM	25	12	21.59	21.41	21.73	21.79	21.80	22.5		0.5	
10	16QAM	25	25	21.69	21.54	21.66	21.76	21.76				
10	16QAM	50	0	21.67	21.50	21.68	21.62	21.80				
10	64QAM	1	0	21.37	21.09	21.35	21.40	21.63				
10	64QAM	1	25	21.43	21.21	21.41	21.38	21.45	22.5		0.5	
10	64QAM	1	49	21.38	21.30	21.46	21.39	21.41				
10	64QAM	25	0	20.50	20.28	20.75	20.76	20.94				
10	64QAM	25	12	20.50	20.36	20.71	20.67	20.77				
10	64QAM	25	25	20.69	20.52	20.67	20.76	20.72	21.5		1.5	
10	64QAM	50	0	20.60	20.51	20.62	20.67	20.85				
Channel				39575	40148	40620	41093	41566	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	21.88	21.99	22.03	22.00	21.87				
5	QPSK	1	12	21.73	21.78	21.84	21.88	21.77	23		0	
5	QPSK	1	24	21.70	21.84	21.83	21.84	21.88				
5	QPSK	12	0	21.85	21.91	21.89	21.85	21.85				
5	QPSK	12	7	21.70	21.76	21.80	21.81	21.74	23		0	
5	QPSK	12	13	21.76	21.82	21.82	21.82	21.81				
5	QPSK	25	0	21.77	21.79	21.92	21.79	21.83				
5	16QAM	1	0	21.75	21.84	21.86	21.95	21.93				
5	16QAM	1	12	21.69	21.77	21.79	21.77	21.80	23		0	
5	16QAM	1	24	21.72	21.83	21.79	21.72	21.85				
5	16QAM	12	0	21.58	21.32	21.67	21.73	21.93				
5	16QAM	12	7	21.60	21.42	21.66	21.67	21.96	22.5		0.5	
5	16QAM	12	13	21.71	21.54	21.70	21.72	21.71				
5	16QAM	25	0	21.64	21.48	21.69	21.66	21.72				
5	64QAM	1	0	21.40	21.10	21.32	21.42	21.60				
5	64QAM	1	12	21.36	21.22	21.39	21.44	21.48	22.5		0.5	
5	64QAM	1	24	21.30	21.37	21.45	21.47	21.34				
5	64QAM	12	0	20.53	20.32	20.66	20.74	20.96				
5	64QAM	12	7	20.51	20.41	20.65	20.68	20.79	21.5		1.5	
5	64QAM	12	13	20.59	20.47	20.64	20.74	20.88				
5	64QAM	25	0	20.55	20.44	20.56	20.78	20.86				

Band 41_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	22.2	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.34	21.48	21.52	21.45	21.29	22.2	0
20	QPSK	1	49	21.26	21.36	21.40	21.34	21.27		
20	QPSK	1	99	21.29	21.41	21.44	21.36	21.24	22.2	0
20	QPSK	50	0	21.27	21.45	21.50	21.43	21.21		
20	QPSK	50	24	21.18	21.25	21.36	21.29	21.16	22.2	0
20	QPSK	50	50	21.25	21.40	21.38	21.32	21.15		
20	QPSK	100	0	21.18	21.39	21.47	21.37	21.10	22.2	0
20	16QAM	1	0	21.30	21.40	21.43	21.35	21.26		
20	16QAM	1	49	21.16	21.24	21.30	21.28	21.16	22.2	0
20	16QAM	1	99	21.26	21.30	21.34	21.34	21.15		
20	16QAM	50	0	21.22	21.40	21.50	21.34	21.27	22.2	0
20	16QAM	50	24	21.19	21.24	21.34	21.22	21.18		
20	16QAM	50	50	21.17	21.34	21.37	21.29	21.15	22.2	0
20	16QAM	100	0	21.25	21.38	21.45	21.33	21.19		
20	64QAM	1	0	21.30	21.40	21.45	21.44	21.24	22.2	0
20	64QAM	1	49	21.24	21.25	21.35	21.28	21.16		
20	64QAM	1	99	21.25	21.33	21.33	21.33	21.19	22.2	0
20	64QAM	50	0	21.21	21.38	21.41	21.37	21.20		
20	64QAM	50	24	21.17	21.22	21.35	21.24	21.14	22.2	0
20	64QAM	50	50	21.14	21.29	21.34	21.25	21.14		
20	64QAM	100	0	21.12	21.31	21.39	21.34	21.04	Tune-up limit (dBm)	MPR (dB)
Channel				39725	40173	40620	41068	41515	22.2	0
Frequency (MHz)				25015	25433	2593	2637.8	2682.5		
15	QPSK	1	0	21.27	21.36	21.46	21.42	21.24	22.2	0
15	QPSK	1	37	21.21	21.35	21.34	21.32	21.22		
15	QPSK	1	74	21.21	21.29	21.32	21.29	21.16	22.2	0
15	QPSK	36	0	21.23	21.37	21.45	21.35	21.09		
15	QPSK	36	20	21.15	21.17	21.29	21.28	21.07	22.2	0
15	QPSK	36	39	21.13	21.38	21.27	21.22	21.04		
15	QPSK	75	0	21.07	21.34	21.41	21.32	20.98	22.2	0
15	16QAM	1	0	21.27	21.36	21.39	21.31	21.15		
15	16QAM	1	37	21.14	21.15	21.19	21.19	21.10	22.2	0
15	16QAM	1	74	21.24	21.24	21.23	21.29	21.04		
15	16QAM	36	0	21.16	21.36	21.42	21.22	21.23	22.2	0
15	16QAM	36	20	21.14	21.23	21.29	21.17	21.14		
15	16QAM	36	39	21.08	21.22	21.29	21.20	21.13	22.2	0
15	16QAM	75	0	21.19	21.26	21.35	21.25	21.08		
15	64QAM	1	0	21.28	21.37	21.37	21.42	21.18	22.2	0
15	64QAM	1	37	21.23	21.20	21.28	21.20	21.07		
15	64QAM	1	74	21.15	21.32	21.21	21.23	21.08	22.2	0
15	64QAM	36	0	21.17	21.32	21.36	21.32	21.16		
15	64QAM	36	20	21.08	21.19	21.23	21.14	21.10	22.2	0
15	64QAM	36	39	21.02	21.24	21.31	21.24	21.10		
15	64QAM	75	0	21.09	21.29	21.35	21.30	20.99	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40160	40620	41080	41540	22.2	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.26	21.42	21.42	21.40	21.17	22.2	0
10	QPSK	1	25	21.24	21.29	21.36	21.26	21.16		
10	QPSK	1	49	21.21	21.34	21.37	21.29	21.23	22.2	0
10	QPSK	25	0	21.25	21.34	21.44	21.40	21.17		
10	QPSK	25	12	21.08	21.17	21.30	21.19	21.15	22.2	0
10	QPSK	25	25	21.14	21.37	21.27	21.29	21.04		
10	QPSK	50	0	21.13	21.38	21.43	21.27	21.06	22.2	0
10	16QAM	1	0	21.19	21.28	21.42	21.25	21.24		
10	16QAM	1	25	21.10	21.17	21.29	21.25	21.15	22.2	0
10	16QAM	1	49	21.21	21.23	21.26	21.31	21.13		
10	16QAM	25	0	21.16	21.28	21.38	21.26	21.21	22.2	0
10	16QAM	25	12	21.08	21.21	21.32	21.19	21.07		
10	16QAM	25	25	21.08	21.22	21.33	21.25	21.05	22.2	0
10	16QAM	50	0	21.14	21.26	21.41	21.31	21.11		
10	64QAM	1	0	21.26	21.30	21.42	21.42	21.14	22.2	0
10	64QAM	1	25	21.21	21.13	21.25	21.19	21.04		
10	64QAM	1	49	21.21	21.26	21.24	21.25	21.16	22.2	0
10	64QAM	25	0	21.20	21.25	21.39	21.31	21.19		
10	64QAM	25	12	21.16	21.16	21.25	21.16	21.11	22.2	0
10	64QAM	25	25	21.04	21.18	21.29	21.21	21.03		
10	64QAM	50	0	21.11	21.29	21.37	21.32	20.93	Tune-up limit (dBm)	MPR (dB)
Channel				39675	40148	40620	41093	41565	22.2	0
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.30	21.43	21.44	21.39	21.20	22.2	0
5	QPSK	1	12	21.16	21.29	21.39	21.29	21.16		
5	QPSK	1	24	21.22	21.40	21.37	21.28	21.14	22.2	0
5	QPSK	12	0	21.26	21.43	21.43	21.37	21.15		
5	QPSK	12	7	21.10	21.20	21.34	21.26	21.15	22.2	0
5	QPSK	12	13	21.22	21.36	21.35	21.25	21.12		
5	QPSK	25	0	21.08	21.35	21.39	21.25	21.05	22.2	0
5	16QAM	1	0	21.24	21.29	21.36	21.28	21.24		
5	16QAM	1	12	21.08	21.22	21.26	21.16	21.06	22.2	0
5	16QAM	1	24	21.17	21.23	21.32	21.24	21.04		
5	16QAM	12	0	21.14	21.33	21.39	21.26	21.17	22.2	0
5	16QAM	12	7	21.10	21.21	21.30	21.13	21.09		
5	16QAM	12	13	21.05	21.30	21.32	21.28	21.11	22.2	0
5	16QAM	25	0	21.15	21.27	21.44	21.21	21.17		
5	64QAM	1	0	21.26	21.30	21.37	21.34	21.15	22.2	0
5	64QAM	1	12	21.20	21.21	21.28	21.27	21.13		
5	64QAM	1	24	21.13	21.29	21.23	21.32	21.18	22.2	0
5	64QAM	12	0	21.16	21.26	21.31	21.31	21.12		
5	64QAM	12	7	21.09	21.11	21.30	21.20	21.10	22.2	0
5	64QAM	12	13	21.12	21.23	21.33	21.20	21.02		
5	64QAM	25	0	21.02	21.20	21.34	21.27	20.97	Tune-up limit (dBm)	MPR (dB)

Band 42_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.67	19.76	19.75	21	0
20	QPSK	1	49	19.55	19.64	19.68		
20	QPSK	1	99	19.66	19.69	19.68		
20	QPSK	50	0	19.63	19.75	19.73		
20	QPSK	50	24	19.61	19.72	19.72	21	0
20	QPSK	50	50	19.54	19.67	19.58		
20	QPSK	100	0	19.64	19.65	19.58		
20	16QAM	1	0	19.63	19.70	19.66		
20	16QAM	1	49	19.53	19.58	19.67	21	0
20	16QAM	1	99	19.65	19.68	19.61		
20	16QAM	50	0	19.62	19.72	19.72		
20	16QAM	50	24	19.50	19.53	19.56		
20	16QAM	50	50	19.58	19.59	19.60	21	0
20	16QAM	100	0	19.53	19.71	19.66		
20	64QAM	1	0	19.53	19.64	19.65		
20	64QAM	1	49	19.51	19.45	19.52		
20	64QAM	1	99	19.63	19.59	19.54	21	0
20	64QAM	50	0	19.47	19.67	19.62		
20	64QAM	50	24	19.44	19.61	19.59		
20	64QAM	50	50	19.42	19.55	19.62		
20	64QAM	100	0	19.43	19.44	19.47		
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.65	19.72	19.67	21	0
15	QPSK	1	37	19.54	19.56	19.67		
15	QPSK	1	74	19.54	19.66	19.58		
15	QPSK	36	0	19.55	19.71	19.61		
15	QPSK	36	20	19.50	19.64	19.69	21	0
15	QPSK	36	39	19.49	19.54	19.54		
15	QPSK	75	0	19.54	19.58	19.57		
15	16QAM	1	0	19.58	19.60	19.62		
15	16QAM	1	37	19.49	19.53	19.58	21	0
15	16QAM	1	74	19.55	19.62	19.54		
15	16QAM	36	0	19.50	19.60	19.67		
15	16QAM	36	20	19.46	19.48	19.55		
15	16QAM	36	39	19.54	19.50	19.54	21	0
15	16QAM	75	0	19.46	19.59	19.64		
15	64QAM	1	0	19.49	19.58	19.61		
15	64QAM	1	37	19.49	19.70	19.40		
15	64QAM	1	74	19.60	19.55	19.51	21	0
15	64QAM	36	0	19.40	19.62	19.54		
15	64QAM	36	20	19.37	19.59	19.49		
15	64QAM	36	39	19.30	19.44	19.56		
15	64QAM	75	0	19.38	19.37	19.36		
Channel				42140	42590	43040	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.62	19.70	19.68	21	0
10	QPSK	1	25	19.45	19.62	19.59		
10	QPSK	1	49	19.57	19.63	19.63		
10	QPSK	25	0	19.60	19.72	19.63		
10	QPSK	25	12	19.55	19.68	19.70	21	0
10	QPSK	25	25	19.53	19.46	19.55		
10	QPSK	50	0	19.53	19.57	19.46		
10	1	0	19.58	19.66	19.56			
10	16QAM	1	25	19.48	19.66	19.60	21	0
10	16QAM	1	49	19.63	19.62	19.49		
10	16QAM	25	0	19.56	19.60	19.62		
10	16QAM	25	12	19.38	19.43	19.47		
10	16QAM	25	25	19.50	19.52	19.50	21	0
10	16QAM	50	0	19.52	19.66	19.55		
10	64QAM	1	0	19.43	19.61	19.63		
10	64QAM	1	25	19.47	19.42	19.48		
10	64QAM	1	49	19.62	19.57	19.51	21	0
10	64QAM	25	0	19.46	19.59	19.56		
10	64QAM	25	12	19.38	19.51	19.50		
10	64QAM	25	25	19.30	19.45	19.53		
10	64QAM	50	0	19.35	19.34	19.34		
Channel				42115	42590	43065	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.58	19.69	19.71	21	0
5	QPSK	1	12	19.49	19.52	19.67		
5	QPSK	1	24	19.64	19.57	19.67		
5	QPSK	12	0	19.62	19.64	19.64		
5	QPSK	12	7	19.59	19.60	19.65	21	0
5	QPSK	12	13	19.48	19.64	19.50		
5	QPSK	25	0	19.52	19.54	19.50		
5	16QAM	1	0	19.59	19.64	19.56		
5	16QAM	1	12	19.52	19.51	19.59	21	0
5	16QAM	1	24	19.60	19.65	19.55		
5	16QAM	12	0	19.55	19.67	19.67		
5	16QAM	12	7	19.40	19.50	19.45		
5	16QAM	12	13	19.49	19.55	19.50	21	0
5	16QAM	25	0	19.50	19.67	19.61		
5	64QAM	1	0	19.44	19.59	19.59		
5	64QAM	1	12	19.43	19.44	19.44		
5	64QAM	1	24	19.62	19.51	19.44	21	0
5	64QAM	12	0	19.44	19.57	19.60		
5	64QAM	12	7	19.37	19.60	19.56		
5	64QAM	12	13	19.39	19.53	19.57		
5	64QAM	25	0	19.33	19.36	19.35		

Band 42_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	20.5	0	
20	QPSK	1	0	19.65	19.81	19.75			
20	QPSK	1	49	19.54	19.73	19.65	20.5	0	
20	QPSK	1	99	19.53	19.77	19.67			
20	QPSK	50	0	19.59	19.75	19.71	20.5	0	
20	QPSK	50	24	19.42	19.66	19.64			
20	QPSK	50	50	19.52	19.71	19.66	20.5	0	
20	QPSK	100	0	19.47	19.66	19.62			
20	16QAM	1	0	19.56	19.76	19.73	20.5	0	
20	16QAM	1	49	19.56	19.75	19.67			
20	16QAM	1	99	19.56	19.75	19.71	20.5	0	
20	16QAM	50	0	19.58	19.76	19.67			
20	16QAM	50	24	19.60	19.79	19.70	20.5	0	
20	16QAM	50	50	19.56	19.72	19.68			
20	16QAM	100	0	19.58	19.78	19.72	20.5	0	
20	64QAM	1	0	19.58	19.80	19.66			
20	64QAM	1	49	19.58	19.80	19.73	20.5	0	
20	64QAM	1	99	19.63	19.75	19.72			
20	64QAM	50	0	19.58	19.80	19.69	20.5	0	
20	64QAM	50	24	19.62	19.78	19.68			
20	64QAM	50	50	19.57	19.72	19.74	20.5	0	
20	64QAM	100	0	19.57	19.75	19.73			
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.80	19.74	19.74	20.5	0	
15	QPSK	1	37	19.68	19.72	19.70			
15	QPSK	1	74	19.74	19.70	19.68	20.5	0	
15	QPSK	36	0	19.74	19.68	19.73			
15	QPSK	36	20	19.60	19.60	19.63	20.5	0	
15	QPSK	36	39	19.61	19.64	19.66			
15	QPSK	75	0	19.56	19.58	19.58	20.5	0	
15	16QAM	1	0	19.71	19.66	19.74			
15	16QAM	1	37	19.66	19.65	19.72	20.5	0	
15	16QAM	1	74	19.65	19.65	19.67			
15	16QAM	36	0	19.74	19.71	19.67	20.5	0	
15	16QAM	36	20	19.74	19.72	19.76			
15	16QAM	36	39	19.63	19.66	19.64	20.5	0	
15	16QAM	75	0	19.70	19.73	19.71			
15	64QAM	1	0	19.71	19.75	19.73	20.5	0	
15	64QAM	1	37	19.76	19.71	19.77			
15	64QAM	1	74	19.71	19.65	19.73	20.5	0	
15	64QAM	36	0	19.75	19.74	19.79			
15	64QAM	36	20	19.70	19.77	19.68	20.5	0	
15	64QAM	36	39	19.62	19.70	19.66			
15	64QAM	75	0	19.70	19.70	19.70	Tune-up limit (dbm)	MPR (db)	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.71	19.75	19.79	20.5	0	
10	QPSK	1	25	19.65	19.63	19.70			
10	QPSK	1	49	19.76	19.69	19.76	20.5	0	
10	QPSK	25	0	19.73	19.67	19.71			
10	QPSK	25	12	19.56	19.63	19.58	20.5	0	
10	QPSK	25	25	19.64	19.62	19.64			
10	QPSK	50	0	19.59	19.56	19.59	20.5	0	
10	16QAM	1	0	19.73	19.69	19.74			
10	16QAM	1	25	19.67	19.66	19.72	20.5	0	
10	16QAM	1	49	19.72	19.71	19.72			
10	16QAM	25	0	19.66	19.67	19.66	20.5	0	
10	16QAM	25	12	19.78	19.73	19.72			
10	16QAM	25	25	19.70	19.68	19.70	20.5	0	
10	16QAM	50	0	19.72	19.69	19.69			
10	64QAM	1	0	19.71	19.72	19.78	20.5	0	
10	64QAM	1	25	19.75	19.74	19.76			
10	64QAM	1	49	19.66	19.71	19.73	20.5	0	
10	64QAM	25	0	19.72	19.70	19.76			
10	64QAM	25	12	19.75	19.77	19.73	20.5	0	
10	64QAM	25	25	19.62	19.69	19.63			
10	64QAM	50	0	19.67	19.66	19.70	Tune-up limit (dbm)	MPR (db)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.79	19.74	19.71	20.5	0	
5	QPSK	1	12	19.72	19.72	19.67			
5	QPSK	1	24	19.72	19.67	19.68	20.5	0	
5	QPSK	12	0	19.71	19.69	19.66			
5	QPSK	12	7	19.61	19.58	19.62	20.5	0	
5	QPSK	12	13	19.65	19.65	19.66			
5	QPSK	25	0	19.64	19.65	19.56	20.5	0	
5	16QAM	1	0	19.69	19.68	19.70			
5	16QAM	1	12	19.65	19.69	19.69	20.5	0	
5	16QAM	1	24	19.68	19.69	19.68			
5	16QAM	12	0	19.70	19.70	19.67	20.5	0	
5	16QAM	12	7	19.74	19.73	19.72			
5	16QAM	12	13	19.71	19.70	19.62	20.5	0	
5	16QAM	25	0	19.72	19.68	19.75			
5	64QAM	1	0	19.71	19.76	19.76	20.5	0	
5	64QAM	1	12	19.74	19.71	19.74			
5	64QAM	1	24	19.70	19.73	19.73	20.5	0	
5	64QAM	12	0	19.78	19.77	19.70			
5	64QAM	12	7	19.77	19.74	19.74	20.5	0	
5	64QAM	12	13	19.70	19.65	19.67			
5	64QAM	25	0	19.66	19.73	19.71	20		

Band 42_Ant 6												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				42190	42590	42990						
Frequency (MHz)				3460	3500	3540	17.5	0				
20	QPSK	1	0	15.98	16.22	16.19						
20	QPSK	1	49	15.95	16.07	16.00						
20	QPSK	1	99	15.97	16.00	15.96						
20	QPSK	50	0	15.95	16.19	16.17						
20	QPSK	50	24	15.91	16.05	15.98						
20	QPSK	50	50	15.87	16.05	15.91	17.5	0				
20	QPSK	100	0	15.96	15.98	15.93						
20	16QAM	1	0	15.96	16.07	16.01						
20	16QAM	1	49	15.87	15.99	15.91						
20	16QAM	1	99	15.91	15.91	15.94						
20	16QAM	50	0	15.91	16.01	15.98						
20	16QAM	50	24	15.82	15.96	15.95	17.5	0				
20	16QAM	50	50	15.78	15.95	15.83						
20	16QAM	100	0	15.85	15.93	15.87						
20	64QAM	1	0	15.95	15.98	15.96						
20	64QAM	1	49	15.90	16.03	15.94						
20	64QAM	1	99	15.90	15.97	15.84						
20	64QAM	50	0	15.84	16.05	15.95	17.5	0				
20	64QAM	50	24	15.81	15.98	15.93						
20	64QAM	50	50	15.78	16.04	15.85						
20	64QAM	100	0	15.93	15.87	15.83						
Channel				42165	42590	43015				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5						
15	QPSK	1	0	15.96	16.06	15.94	17.5	0				
15	QPSK	1	37	15.84	16.04	15.96						
15	QPSK	1	74	15.88	15.94	15.86						
15	QPSK	36	0	15.84	15.97	15.98						
15	QPSK	36	20	15.82	15.99	15.94						
15	QPSK	36	39	15.77	15.93	15.85						
15	QPSK	75	0	15.94	15.92	15.90	17.5	0				
15	16QAM	1	0	15.91	16.05	15.89						
15	16QAM	1	37	15.79	15.84	15.89						
15	16QAM	1	74	15.98	15.81	15.87						
15	16QAM	36	0	15.81	15.90	15.88						
15	16QAM	36	20	15.71	15.93	15.83						
15	16QAM	36	39	15.77	15.85	15.77	17.5	0				
15	16QAM	75	0	15.78	15.91	15.82						
15	64QAM	1	0	15.83	15.82	15.89						
15	64QAM	1	37	15.78	15.80	15.83						
15	64QAM	1	74	15.80	15.94	15.83						
15	64QAM	36	0	15.73	16.04	15.94						
15	64QAM	36	20	15.80	15.89	15.82	17.5	0				
15	64QAM	36	39	15.75	15.96	15.79						
15	64QAM	75	0	15.82	15.84	15.73						
Channel				42140	42590	43040				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500	3545						
10	QPSK	1	0	15.87	16.08	15.96				17.5	0	
10	QPSK	1	25	15.83	16.06	15.98						
10	QPSK	1	49	15.91	15.98	15.85						
10	QPSK	25	0	15.87	15.98	15.91						
10	QPSK	25	12	15.87	16.02	15.86						
10	QPSK	25	25	15.81	15.93	15.83						
10	QPSK	50	0	15.88	15.91	15.85	17.5	0				
10	16QAM	1	0	15.94	16.06	15.97						
10	16QAM	1	25	15.76	15.95	15.85						
10	16QAM	1	49	15.85	15.83	15.87						
10	16QAM	25	0	15.79	15.90	15.91						
10	16QAM	25	12	15.72	15.92	15.94						
10	16QAM	25	25	15.72	15.89	15.74	17.5	0				
10	16QAM	50	0	15.77	15.90	15.76						
10	64QAM	1	0	15.89	15.96	15.92						
10	64QAM	1	25	15.84	15.93	15.93						
10	64QAM	1	49	15.79	15.93	15.79						
10	64QAM	25	0	15.80	15.96	15.93						
10	64QAM	25	12	15.75	15.87	15.82	17.5	0				
10	64QAM	25	25	15.69	15.95	15.80						
10	64QAM	50	0	15.85	15.77	15.76						
Channel				42115	42590	43065				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5						
5	QPSK	1	0	15.97	15.99	16.04				17.5	0	
5	QPSK	1	12	15.87	16.06	15.91						
5	QPSK	1	24	15.95	15.89	15.94						
5	QPSK	12	0	15.87	15.98	15.98						
5	QPSK	12	7	15.86	15.94	15.94						
5	QPSK	12	13	15.85	15.94	15.89						
5	QPSK	26	0	15.84	15.95	15.89	17.5	0				
5	16QAM	1	0	15.91	16.05	15.92						
5	16QAM	1	12	15.75	15.88	15.87						
5	16QAM	1	24	15.81	15.82	15.82						
5	16QAM	12	0	15.84	15.99	15.93						
5	16QAM	12	7	15.77	15.90	15.83						
5	16QAM	12	13	15.88	15.90	15.81	17.5	0				
5	16QAM	25	0	15.76	15.87	15.78						
5	64QAM	1	0	15.93	15.96	15.89						
5	64QAM	1	12	15.80	15.95	15.87						
5	64QAM	1	24	15.78	15.92	15.74						
5	64QAM	12	0	15.83	15.95	15.86						
5	64QAM	12	7	15.74	15.87	15.90	17.5	0				
5	64QAM	12	13	15.77	15.97	15.83						
5	64QAM	25	0	15.88	15.75	15.73						

Band 42_Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540	25.5	0
20	QPSK	1	0	24.35	24.48	24.44		
20	QPSK	1	49	24.28	24.32	24.30		
20	QPSK	1	99	24.30	24.31	24.25		
20	QPSK	50	0	23.38	23.44	23.38		
20	QPSK	50	24	23.30	23.32	23.32		
20	QPSK	50	50	23.26	23.28	23.30	24.5	1
20	QPSK	100	0	23.32	23.41	23.31		
20	16QAM	1	0	23.41	23.50	23.50		
20	16QAM	1	49	23.29	23.35	23.36		
20	16QAM	1	99	23.35	23.38	23.28		
20	16QAM	50	0	22.44	22.42	22.43		
20	16QAM	50	24	22.32	22.35	22.35	23.5	2
20	16QAM	50	50	22.32	22.27	22.33		
20	16QAM	100	0	22.32	22.31	22.29		
20	64QAM	1	0	22.23	22.23	22.19		
20	64QAM	1	49	22.04	22.08	22.06		
20	64QAM	1	99	22.38	22.04	21.99		
20	64QAM	50	0	21.41	21.36	21.33	22.5	3
20	64QAM	50	24	21.34	21.30	21.30		
20	64QAM	50	50	21.24	21.25	21.27		
20	64QAM	100	0	21.30	21.27	21.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.28	24.35	24.29	25.5	0
15	QPSK	1	37	24.19	24.21	24.18		
15	QPSK	1	74	24.21	24.26	24.20		
15	QPSK	36	0	23.28	23.34	23.30		
15	QPSK	36	20	23.25	23.22	23.21		
15	QPSK	36	39	23.13	23.20	23.17		
15	QPSK	75	0	23.25	23.31	23.17	24.5	1
15	16QAM	1	0	23.35	23.42	23.40		
15	16QAM	1	37	23.18	23.20	23.26		
15	16QAM	1	74	23.26	23.27	23.22		
15	16QAM	36	0	22.32	22.29	22.32		
15	16QAM	36	20	22.24	22.26	22.24		
15	16QAM	36	39	22.26	22.14	22.26	23.5	2
15	16QAM	75	0	22.18	22.24	22.15		
15	64QAM	1	0	22.12	22.10	22.07		
15	64QAM	1	37	21.92	21.96	21.93		
15	64QAM	1	74	22.01	21.96	21.90		
15	64QAM	36	0	21.31	21.24	21.21		
15	64QAM	36	20	21.26	21.17	21.19	22.5	3
15	64QAM	36	39	21.18	21.17	21.22		
15	64QAM	75	0	21.24	21.22	21.25		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.28	24.35	24.29	25.5	0
10	QPSK	1	25	24.16	24.22	24.15		
10	QPSK	1	49	24.17	24.16	24.11		
10	QPSK	25	0	23.24	23.29	23.28		
10	QPSK	25	12	23.17	23.23	23.25		
10	QPSK	25	25	23.19	23.14	23.21		
10	QPSK	50	0	23.18	23.28	23.23	24.5	1
10	16QAM	1	0	23.29	23.38	23.39		
10	16QAM	1	25	23.21	23.21	23.26		
10	16QAM	1	49	23.28	23.34	23.15		
10	16QAM	25	0	22.32	22.37	22.38		
10	16QAM	25	12	22.25	22.25	22.27		
10	16QAM	25	25	22.22	22.14	22.25	23.5	2
10	16QAM	50	0	22.27	22.20	22.21		
10	64QAM	1	0	22.09	22.14	22.09		
10	64QAM	1	25	21.94	21.99	21.92		
10	64QAM	1	49	21.96	21.90	21.85		
10	64QAM	25	0	21.96	21.29	21.24		
10	64QAM	25	12	21.25	21.21	21.22	22.5	3
10	64QAM	25	25	21.18	21.18	21.20		
10	64QAM	50	0	21.17	21.12	21.22		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.5	3500	3547.5		
5	QPSK	1	0	24.28	24.42	24.36	25.5	0
5	QPSK	1	12	24.13	24.21	24.15		
5	QPSK	1	24	24.15	24.19	24.19		
5	QPSK	12	0	23.25	23.35	23.32		
5	QPSK	12	7	23.18	23.24	23.19		
5	QPSK	12	13	23.11	23.15	23.22		
5	QPSK	25	0	23.23	23.30	23.20	24.5	1
5	16QAM	1	0	23.35	23.37	23.37		
5	16QAM	1	12	23.15	23.22	23.21		
5	16QAM	1	24	23.22	23.33	23.19		
5	16QAM	12	0	22.39	22.28	22.32		
5	16QAM	12	7	22.24	22.25	22.25		
5	16QAM	12	13	22.25	22.13	22.21	23.5	2
5	16QAM	25	0	22.18	22.18	22.16		
5	64QAM	1	0	22.08	22.15	22.10		
5	64QAM	1	12	21.99	22.03	21.91		
5	64QAM	1	24	21.97	21.94	21.89		
5	64QAM	12	0	21.26	21.24	21.18		
5	64QAM	12	7	21.28	21.19	21.23	22.5	3
5	64QAM	12	13	21.09	21.12	21.14		
5	64QAM	25	0	21.23	21.22	21.18		



DSI 1 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			32.82	32.88	32.87	34.00	23.82	23.88	23.87	25.00			
			32.84	32.92	32.90	34.00	23.84	23.92	23.90	25.00			
			GPRS 2 Tx slots			29.89	29.96	30.05	31.00	23.89	23.96	24.05	25.00
			GPRS 3 Tx slots			28.11	28.15	28.24	29.20	23.85	23.89	23.98	24.94
			GPRS 4 Tx slots			26.76	26.78	26.74	28.00	23.76	23.78	23.74	25.00
			EDGE 1 Tx slot			27.15	27.12	27.31	28.00	18.15	18.12	18.31	19.00
			EDGE 2 Tx slots			24.22	24.24	24.35	25.00	18.22	18.24	18.35	19.00
			EDGE 3 Tx slots			22.42	22.33	22.43	23.20	18.16	18.07	18.17	18.94
			EDGE 4 Tx slots			21.05	21.12	21.13	22.00	18.05	18.12	18.13	19.00

GSM850_Ant 1				Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)				
TX Channel				128	189	251			128	189	251						
Frequency (MHz)				824.2	836.4	848.8			824.2	836.4	848.8						
GSM 1 Tx slot				32.21	32.26	32.26	33.50		23.21	23.26	23.26	24.50					
				32.25	32.30	32.32	33.50		23.25	23.30	23.32	24.50					
				GPRS 2 Tx slots				29.33	29.35	29.38	30.50		23.33	23.35	23.38	24.50	
				GPRS 3 Tx slots				27.54	27.55	27.58	28.70		23.28	23.29	23.32	24.44	
				GPRS 4 Tx slots				26.18	26.23	26.21	27.50		23.18	23.23	23.21	24.50	
				EDGE 1 Tx slot				26.63	26.44	26.64	27.50		17.63	17.44	17.64	18.50	
				EDGE 2 Tx slots				23.72	23.70	23.65	24.50		17.72	17.70	17.65	18.50	
				EDGE 3 Tx slots				21.95	22.03	22.00	22.70		17.69	17.77	17.74	18.44	
				EDGE 4 Tx slots				20.48	20.59	20.63	21.50		17.48	17.59	17.63	18.50	

GSM1900_Ant 1				Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
TX Channel				512	661	810			512	661	810		
Frequency (MHz)				1850.2	1880	1909.8			1850.2	1880	1909.8		
GSM 1 Tx slot				28.78	29.79	28.65	30.00		19.78	20.79	19.65	21.00	
GPRS 1 Tx slot				28.86	28.87	28.70	30.00		19.86	19.87	19.70	21.00	
GPRS 2 Tx slots				25.86	25.80	25.66	27.00		19.86	19.80	19.66	21.00	
GPRS 3 Tx slots				24.04	23.96	23.85	25.20		19.78	19.70	19.59	20.94	
GPRS 4 Tx slots				22.58	22.70	22.49	24.00		19.58	19.70	19.49	21.00	
EDGE 1 Tx slot				24.88	25.14	25.12	26.00		15.88	16.14	16.12	17.00	
EDGE 2 Tx slots				21.71	21.72	22.04	23.00		15.71	15.72	16.04	17.00	
EDGE 3 Tx slots				19.67	19.70	19.87	21.20		15.41	15.44	15.61	16.94	
EDGE 4 Tx slots				18.00	18.18	18.28	20.00		15.00	15.18	15.28	17.00	

GSM1900_Ant 2			Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
TX Channel			512	661	810	512		661	810			
Frequency (MHz)			1850.2	1880	1909.8		1850.2	1880	1909.8			
GSM 1 Tx slot			30.10	30.15	29.98	31.00	21.10	21.15	20.98	22.00		
GPRS 1 Tx slot			30.13	30.18	30.00	31.00	21.13	21.18	21.00	22.00		
GPRS 2 Tx slots			27.16	27.15	27.02	28.00	21.16	21.15	21.02	22.00		
GPRS 3 Tx slots			25.34	25.35	25.26	26.20	21.08	21.09	21.00	21.94		
GPRS 4 Tx slots			24.03	24.05	23.93	25.00	21.03	21.05	20.93	22.00		
EDGE 1 Tx slot			26.28	26.54	26.48	27.00	17.28	17.54	17.48	18.00		
EDGE 2 Tx slots			23.14	23.28	23.32	24.00	17.14	17.28	17.32	18.00		
EDGE 3 Tx slots			21.02	21.24	21.17	22.20	16.76	16.98	16.91	17.94		
EDGE 4 Tx slots			19.22	19.44	19.55	21.00	16.22	16.44	16.55	18.00		

Band		WCDMA II_Ant 1						Tune-up Limit (dBm)	WCDMA II_Ant 2						Tune-up Limit (dBm)
TX Channel		9262	9400	9538					9262	9400	9538				
Rx Channel		9662	9800	9938					9662	9800	9938				
Frequency (MHz)		1852.4	1880	1907.6					1852.4	1880	1907.6				
3GPP Rel 99	AMR 12.2Kbps	21.42	21.54	21.54	23.00				21.26	21.46	21.36	22.00			
3GPP Rel 99	RMC 12.2Kbps	21.53	21.66	21.61	23.00				21.47	21.50	21.44	22.00			
3GPP Rel 6	HSDPA Subtest-1	20.56	20.62	20.61	22.00				20.24	20.43	20.50	21.00			
3GPP Rel 6	HSDPA Subtest-2	20.62	20.54	20.61	22.00				20.22	20.49	20.49	21.00			
3GPP Rel 6	HSDPA Subtest-3	20.06	20.14	20.13	21.50				19.69	20.00	19.96	20.50			
3GPP Rel 6	HSDPA Subtest-4	20.05	20.08	20.04	21.50				19.67	20.03	19.92	20.50			
3GPP Rel 8	DC-HSDPA Subtest-1	20.56	20.58	20.63	22.00				20.09	20.49	20.49	21.00			
3GPP Rel 8	DC-HSDPA Subtest-2	20.51	20.51	20.59	22.00				20.13	20.40	20.33	21.00			
3GPP Rel 8	DC-HSDPA Subtest-3	20.00	20.11	20.21	21.50				19.55	20.03	19.80	20.50			
3GPP Rel 8	DC-HSDPA Subtest-4	20.08	20.13	20.05	21.50				19.70	19.90	19.86	20.50			
3GPP Rel 6	HSUPA Subtest-1	20.55	20.62	20.61	22.00				20.03	20.07	20.09	21.00			
3GPP Rel 6	HSUPA Subtest-2	20.51	20.59	20.63	22.00				20.10	20.16	20.09	21.00			
3GPP Rel 6	HSUPA Subtest-3	20.15	20.12	20.09	21.50				19.55	19.61	19.65	20.50			
3GPP Rel 6	HSUPA Subtest-4	20.64	20.72	20.75	22.00				20.05	20.01	20.04	21.00			
3GPP Rel 6	HSUPA Subtest-5	19.68	19.71	19.72	21.00				18.98	18.98	18.95	20.00			
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.62	18.67	18.68	20.00				17.94	17.90	17.86	19.00			

Band		WCDMA IV_Ant 1						Tune-up Limit (dBm)	WCDMA IV_Ant 2						Tune-up Limit (dBm)
TX Channel		1312	1413	1513					1312	1413	1513				
Rx Channel		1537	1638	1738					1537	1638	1738				
Frequency (MHz)		1712.4	1732.6	1752.6					1712.4	1732.6	1752.6				
3GPP Rel 99	AMR 12.2Kbps	22.29	22.36	22.29	24.00				21.91	21.97	21.94	22.50			
3GPP Rel 99	RMC 12.2Kbps	22.35	22.42	22.39	24.00				22.01	22.07	21.95	22.50			
3GPP Rel 6	HSDPA Subtest-1	21.43	21.48	21.43	23.00				20.97	21.08	21.04	21.50			
3GPP Rel 6	HSDPA Subtest-2	21.40	21.43	21.43	23.00				21.05	21.00	21.05	21.50			
3GPP Rel 6	HSDPA Subtest-3	20.95	21.04	21.02	22.50				20.50	20.50	20.53	21.00			
3GPP Rel 6	HSDPA Subtest-4	20.95	20.91	20.98	22.50				20.50	20.49	20.43	21.00			
3GPP Rel 8	DC-HSDPA Subtest-1	21.38	21.40	21.35	23.50				20.90	21.06	20.93	22.00			
3GPP Rel 8	DC-HSDPA Subtest-2	21.31	21.43	21.41	23.50				20.93	21.05	21.02	22.00			
3GPP Rel 8	DC-HSDPA Subtest-3	20.89	20.92	20.90	23.00				20.58	20.49	20.39	21.50			
3GPP Rel 8	DC-HSDPA Subtest-4	20.86	20.87	20.96	23.00				20.57	20.50	20.40	21.50			
3GPP Rel 6	HSUPA Subtest-1	21.57	21.51	21.59	23.00				20.67	20.67	20.63	21.50			
3GPP Rel 6	HSUPA Subtest-2	21.53	21.52	21.50	23.00				20.64	20.68	20.64	21.50			
3GPP Rel 6	HSUPA Subtest-3	21.01	21.00	21.03	22.50				20.05	20.18	20.15	21.00			
3GPP Rel 6	HSUPA Subtest-4	21.52	21.51	21.55	23.00				20.56	20.72	20.63	21.50			
3GPP Rel 6	HSUPA Subtest-5	20.51	20.53	20.53	22.00				19.60	19.63	19.69	20.50			
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.49	19.44	19.49	21.00				18.55	18.61	18.68	19.50			

Band		WCDMA V_Ant 0		
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Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	20.12	20.20	20.18	21.5	0	
20	QPSK	1	49	20.05	20.15	20.12			
20	QPSK	1	99	20.06	20.17	20.09			
20	QPSK	50	0	20.01	20.12	20.09	21.5	0	
20	QPSK	50	24	20.00	20.04	20.08			
20	QPSK	50	50	20.00	20.10	20.01			
20	QPSK	100	0	19.91	20.07	20.03	21.5	0	
20	16QAM	1	0	20.11	20.18	20.15			
20	16QAM	1	49	20.01	20.13	20.07			
20	16QAM	1	99	20.04	20.12	20.06	21.5	0	
20	16QAM	50	0	20.00	20.01	20.07			
20	16QAM	50	24	19.97	20.02	20.07			
20	16QAM	50	50	19.93	20.07	19.89	21.5	0	
20	16QAM	100	0	19.91	20.02	19.99			
20	64QAM	1	0	20.04	20.13	20.16			
20	64QAM	1	49	19.99	20.09	20.10	21.5	0	
20	64QAM	1	99	20.02	20.09	19.97			
20	64QAM	50	0	19.97	20.11	20.05			
20	64QAM	50	24	19.99	20.03	20.03	21.5	0	
20	64QAM	50	50	19.92	20.03	19.97			
20	64QAM	100	0	19.87	20.02	20.01			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	20.01	20.12	20.16	21.5	0	
15	QPSK	1	37	20.03	20.03	20.05			
15	QPSK	1	74	19.99	20.08	20.00			
15	QPSK	36	0	19.91	20.02	20.01	21.5	0	
15	QPSK	36	20	19.91	20.03	19.97			
15	QPSK	36	39	19.91	20.04	20.00			
15	QPSK	75	0	19.83	20.05	19.94	21.5	0	
15	16QAM	1	0	19.99	20.14	20.11			
15	16QAM	1	37	19.98	20.11	19.95			
15	16QAM	1	74	20.03	20.05	20.04	21.5	0	
15	16QAM	36	0	19.92	19.99	20.01			
15	16QAM	36	20	19.95	19.97	20.01			
15	16QAM	36	39	19.85	20.05	19.78	21.5	0	
15	16QAM	75	0	19.76	20.00	19.93			
15	64QAM	1	0	19.95	20.08	20.08			
15	64QAM	1	37	19.95	20.03	20.05	21.5	0	
15	64QAM	1	74	20.01	20.06	19.92			
15	64QAM	36	0	19.92	20.10	19.96			
15	64QAM	36	20	19.92	19.99	19.93	21.5	0	
15	64QAM	36	39	19.87	20.01	19.92			
15	64QAM	75	0	19.83	19.93	19.92			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	20.09	20.17	20.10	21.5	0	
10	QPSK	1	25	20.02	20.10	20.09			
10	QPSK	1	49	20.03	20.09	20.00			
10	QPSK	25	0	19.97	20.03	20.05	21.5	0	
10	QPSK	25	12	19.90	19.96	19.98			
10	QPSK	25	25	19.90	20.00	19.93			
10	QPSK	50	0	19.82	20.01	19.93	21.5	0	
10	16QAM	1	0	20.04	20.15	20.11			
10	16QAM	1	25	19.99	20.12	20.00			
10	16QAM	1	49	19.94	20.01	19.95	21.5	0	
10	16QAM	25	0	19.96	19.89	20.04			
10	16QAM	25	12	19.96	19.96	19.97			
10	16QAM	25	25	19.82	20.02	19.84	21.5	0	
10	16QAM	50	0	19.75	19.83	19.87			
10	64QAM	1	0	19.92	20.06	20.04			
10	64QAM	1	49	19.99	20.06	19.95	21.5	0	
10	64QAM	25	0	19.95	20.06	19.97			
10	64QAM	25	12	19.90	19.94	19.97			
10	64QAM	25	25	19.88	19.97	19.96	21.5	0	
10	64QAM	50	0	19.83	19.93	19.94			
10	64QAM	50	0	19.85	19.91	19.94			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	20.01	20.19	20.06	21.5	0	
5	QPSK	1	12	20.01	20.11	20.07			
5	QPSK	1	24	20.03	20.09	19.98			
5	QPSK	12	0	19.92	20.05	19.98	21.5	0	
5	QPSK	12	7	19.96	20.00	19.99			
5	QPSK	12	13	19.92	20.02	19.99			
5	QPSK	25	0	19.82	19.95	19.94	21.5	0	
5	16QAM	1	0	20.03	20.07	20.09			
5	16QAM	1	12	19.93	20.08	19.98			
5	16QAM	1	24	20.03	20.06	20.02	21.5	0	
5	16QAM	12	0	19.98	19.91	19.95			
5	16QAM	12	7	19.85	19.94	19.98			
5	16QAM	12	13	19.87	20.04	19.82	21.5	0	
5	16QAM	25	0	19.79	19.94	19.92			
5	64QAM	1	0	19.94	20.05	20.08			
5	64QAM	1	12	19.95	20.05	20.04	21.5	0	
5	64QAM	1	24	19.95	20.00	19.90			
5	64QAM	12	0	19.85	20.00	19.93			
5	64QAM	12	7	19.92	20.01	19.96	21.5	0	
5	64QAM	12	13	19.84	20.02	19.96			
5	64QAM	25	0	19.76	19.94	19.97			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	20.05	20.09	20.11	21.5	0	
3	QPSK	1	8	20.03	20.04	20.08			
3	QPSK	1	14	20.01	20.07	20.05			
3	QPSK	8	0	19.90	20.07	20.05	21.5	0	
3	QPSK	8	4	19.91	20.01	19.98			
3	QPSK	8	7	19.89	19.98	19.93			
3	QPSK	15	0	19.85	20.00	19.91	21.5	0	
3	16QAM	1	0	20.00	20.17	20.13			
3	16QAM	1	8	19.97	20.12	20.03			
3	16QAM	1	14	19.93	20.02	20.04	21.5	0	
3	16QAM	8	0	19.99	19.89	19.96			
3	16QAM	8	4	19.93	19.90	20.06			
3	16QAM	8	7	19.90	19.97	19.87	21.5	0	
3	16QAM	15	0	19.79	20.01	19.95			
3	64QAM	1	0	19.92	20.03	20.04			
3	64QAM	1	8	19.92	20.06	20.09	21.5	0	
3	64QAM	1	14	19.95	20.05	19.94			
3	64QAM	8	0	19.86	19.99	19.95			
3	64QAM	8	4	19.94	19.98	19.93	21.5	0	
3	64QAM	8	7	19.90	19.92	19.89			
3	64QAM	15	0	19.81	20.01	19.96			
Channel				18592	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	20.05	20.15	20.12	21.5	0	
1.4	QPSK	1	3	20.04	20.04	20.05			
1.4	QPSK	1	5	20.05	20.07	19.98			
1.4	QPSK	3	0	20.00	20.06	19.97	21.5	0	
1.4	QPSK	3	1	19.99	19.99	20.02			
1.4	QPSK	3	3	19.94	20.09	19.92			
1.4	QPSK	6	0	19.94	20.03	19.96	21.5	0	
1.4	16QAM	1	0	20.09	20.07	20.08			
1.4	16QAM	1	3	19.95	20.06	19.95			
1.4	16QAM	1	5	19.96	20.05	20.00	21.5	0	
1.4	16QAM	3	0	19.91	19.94	19.98			
1.4	16QAM	3	1	19.92	19.96	20.05			
1.4	16QAM	3	3	19.90	20.03	19.96	21.5	0	
1.4	16QAM	6	0	19.76	19.97	19.94			
1.4	64QAM	1	0	19.92	20.10	20.06			
1.4	64QAM	1	3	19.92	20.00	20.01	21.5	0	
1.4	64QAM	1	5	19.92	20.07	19.89			
1.4	64QAM	3	0	19.95	20.03	19.97			
1.4	64QAM	3	1	19.94	20.09	19.96	21.5	0	
1.4	64QAM	3	3	19.90	20.00	19.88			
1.4	64QAM	6	0	19.78	19.97	19.91			

Band 4_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				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	24.59	24.71	24.63	25.5	0			
20	QPSK	1	49	24.54	24.65	24.62					
20	QPSK	1	99	24.57	24.60	24.60					
20	QPSK	50	0	23.57	23.75	23.73					
20	QPSK	50	24	23.34	23.70	23.68	24.5	1			
20	QPSK	50	50	23.56	23.64	23.70					
20	QPSK	100	0	23.52	23.70	23.68					
20	16QAM	1	0	23.70	23.77	23.84					
20	16QAM	1	49	23.75	23.87	23.86	24.5	1			
20	16QAM	1	99	23.79	23.82	23.74					
20	16QAM	50	0	22.35	22.71	22.70					
20	16QAM	50	24	22.55	22.69	22.67					
20	16QAM	50	50	22.57	22.65	22.70	23.5	2			
20	16QAM	100	0	22.52	22.65	22.67					
20	64QAM	1	0	22.59	22.60	22.75					
20	64QAM	1	49	22.74	22.75	22.76					
20	64QAM	1	99	22.69	22.64	22.62	23.5	2			
20	64QAM	50	0	21.37	21.75	21.68					
20	64QAM	50	24	21.60	21.69	21.72					
20	64QAM	50	50	21.62	21.66	21.73					
20	64QAM	100	0	21.59	21.68	21.67	22.5	3			
20	64QAM	100	0	21.59	21.68	21.67					
Channel				20025	20175	20300					
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	24.47	24.60	24.56	25.5	0			
15	QPSK	1	37	24.43	24.52	24.54					
15	QPSK	1	74	24.43	24.51	24.45					
15	QPSK	36	0	23.44	23.60	23.67					
15	QPSK	36	20	23.46	23.58	23.63	24.5	1			
15	QPSK	36	39	23.41	23.49	23.62					
15	QPSK	75	0	23.40	23.61	23.54					
15	16QAM	1	0	23.56	23.64	23.74					
15	16QAM	1	37	23.72	23.81	23.80	24.5	1			
15	16QAM	1	74	23.71	23.73	23.63					
15	16QAM	36	0	22.20	22.64	22.59					
15	16QAM	36	20	22.44	22.54	22.59					
15	16QAM	36	39	22.49	22.58	22.56	23.5	2			
15	16QAM	75	0	22.45	22.53	22.53					
15	64QAM	1	0	22.44	22.72	22.61					
15	64QAM	1	37	22.61	22.60	22.62					
15	64QAM	1	74	22.60	22.58	22.53	23.5	2			
15	64QAM	36	0	21.31	21.61	21.56					
15	64QAM	36	20	21.55	21.63	21.64					
15	64QAM	36	39	21.47	21.57	21.63					
15	64QAM	75	0	21.44	21.63	21.60	22.5	3			
15	64QAM	75	0	21.44	21.63	21.60					
Channel				20000	20175	20300					
Frequency (MHz)				1715	1732.5	1750					
10	QPSK	1	0	24.49	24.57	24.52	25.5	0			
10	QPSK	1	25	24.47	24.52	24.53					
10	QPSK	1	49	24.46	24.53	24.48					
10	QPSK	25	0	23.52	23.70	23.66					
10	QPSK	25	12	23.23	23.55	23.59	24.5	1			
10	QPSK	25	25	23.49	23.49	23.59					
10	QPSK	50	0	23.42	23.60	23.61					
10	16QAM	1	0	23.64	23.69	23.78					
10	16QAM	1	25	23.69	23.78	23.80	24.5	1			
10	16QAM	1	49	23.68	23.67	23.62					
10	16QAM	25	0	22.27	22.63	22.62					
10	16QAM	25	12	22.41	22.62	22.61					
10	16QAM	25	25	22.52	22.55	22.62	23.5	2			
10	16QAM	50	0	22.46	22.51	22.53					
10	64QAM	1	0	22.44	22.58	22.67					
10	64QAM	1	25	22.69	22.61	22.63					
10	64QAM	1	49	22.54	22.54	22.52	23.5	2			
10	64QAM	25	0	21.23	21.69	21.63					
10	64QAM	25	12	21.48	21.62	21.67					
10	64QAM	25	25	21.53	21.56	21.66					
10	64QAM	50	0	21.44	21.57	21.57	21.5				
Channel				19975	20175	20375					
Frequency (MHz)				1712.5	1732.5	1752.5					
5	QPSK	1	0	24.48	24.59	24.50	25.5	0			
5	QPSK	1	12	24.39	24.56	24.53					
5	QPSK	1	24	24.51	24.53	24.55					
5	QPSK	12	0	23.44	23.68	23.65					
5	QPSK	12	7	23.27	23.59	23.62	24.5	1			
5	QPSK	12	14	23.41	23.58	23.63					
5	QPSK	25	0	23.37	23.64	23.53					
5	16QAM	1	0	23.61	23.66	23.72					
5	16QAM	1	12	23.72	23.72	23.73	24.5	1			
5	16QAM	1	24	23.72	23.73	23.61					
5	16QAM	12	0	22.24	22.57	22.58					
5	16QAM	12	7	22.40	22.62	22.56					
5	16QAM	12	13	22.46	22.50	22.56	23.5	2			
5	16QAM	25	0	22.45	22.56	22.58					
5	64QAM	1	0	22.44	22.65	22.68					
5	64QAM	1	12	22.68	22.66	22.61					
5	64QAM	1	24	22.59	22.50	22.51	23.5	2			
5	64QAM	12	0	21.26	21.64	21.55					
5	64QAM	12	7	21.55	21.64	21.66					
5	64QAM	12	13	21.47	21.53	21.67					
5	64QAM	25	0	21.44	21.56	21.55	21.5				
Channel				19965	20175	20385					
Frequency (MHz)				1711.5	1732.5	1753.5					
3	QPSK	1	0	24.50	24.65	24.52	25.5	0			
3	QPSK	1	8	24.42	24.56	24.53					
3	QPSK	1	14	24.52	24.51	24.47					
3	QPSK	8	0	23.49	23.63	23.66					
3	QPSK	8	4	23.27	23.61	23.61	24.5	1			
3	QPSK	8	7	23.50	23.50	23.65					
3	QPSK	15	0	23.40	23.62	23.62					
3	16QAM	1	0	23.62	23.66	23.73					
3	16QAM	1	8	23.72	23.72	23.81	24.5	1			
3	16QAM	1	14	23.73	23.75	23.83					
3	16QAM	8	0	22.23	22.59	22.58					
3	16QAM	8	4	22.42	22.61	22.53					
3	16QAM	8	7	22.51	22.50	22.62	23.5	2			
3	16QAM	15	0	22.37	22.62	22.55					
3	64QAM	1	0	22.50	22.65	22.66					
3	64QAM	1	8	22.64	22.63	22.65					
3	64QAM	1	14	22.58	22.53	22.48	22.5	3			
3	64QAM	8	0	21.25	21.63	21.60					
3	64QAM	8	4	21.45	21.64	21.65					
3	64QAM	8	7	21.52	21.56	21.58					
3	64QAM	15	0	21.53	21.53	21.56	21.5				
Channel				19957	20175	20393					
Frequency (MHz)				1710.7	1732.5	1754.3					
1.4	QPSK	1	0	24.34	24.55	24.53	25.5	0			
1.4	QPSK	1	3	24.29	24.52	24.56					
1.4	QPSK	1	5	24.38	24.58	24.56					
1.4	QPSK	3	0	24.37	24.57	24.59					
1.4	QPSK	3	1	24.37	24.56	24.58	24.5	1			
1.4	QPSK	3	3	24.37	24.54	24.58					
1.4	QPSK	6	0	23.39	23.57	23.58					
1.4	16QAM	1	0	23.54	23.75	23.76					
1.4	16QAM	1	3	23.56	23.78	23.78	24.5	1			
1.4	16QAM	1	5	23.55	23.75	23.75					
1.4	16QAM	3	0	23.40	23.59	23.61					
1.4	16QAM	3	1	23.41	23.58	23.61					
1.4	16QAM	3	3	23.39	23.54	23.58	23.5	2			
1.4	16QAM	6	0	22.46	22.64	22.65					
1.4	64QAM	1	0	22.47	22.71	22.71					
1.4	64QAM	1	3	22.48	22.65	22.69					
1.4	64QAM	1	5	22.48	22.65	22.69	23.5	2			
1.4	64QAM	3	0	22.48	22.66	22.67					
1.4	64QAM	3	4	22.48	22.67	22.68					
1.4	64QAM	3	3	22.50	22.63	22.67					
1.4	64QAM	6	0	21.42	21.59	21.57	22.5	3			

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	21.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.04	20.35	20.66	21.5	0	
20	QPSK	1	49	20.04	20.26	20.15			
20	QPSK	1	99	20.05	20.27	20.18			
20	QPSK	50	0	20.09	20.34	20.16			
20	QPSK	50	24	20.05	20.31	20.14	21.5	0	
20	QPSK	50	50	19.92	20.21	20.09			
20	QPSK	100	0	19.95	20.24	20.11			
20	16QAM	1	0	20.07	20.33	20.16			
20	16QAM	1	49	19.97	20.24	20.04	21.5	0	
20	16QAM	1	99	20.03	20.20	20.09			
20	16QAM	50	0	19.96	20.29	20.13			
20	16QAM	50	24	20.02	20.21	20.12			
20	16QAM	50	50	19.98	20.20	19.98	21.5	0	
20	16QAM	100	0	19.92	20.20	20.10			
20	64QAM	1	0	20.03	20.32	20.14			
20	64QAM	1	49	19.98	20.14	20.03			
20	64QAM	1	99	19.99	20.21	20.14	21.5	0	
20	64QAM	50	0	20.06	20.27	20.15			
20	64QAM	50	24	19.99	20.27	20.13			
20	64QAM	50	50	19.89	20.19	20.01			
20	64QAM	100	0	19.92	20.12	19.99	21.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	21.5	0	
15	QPSK	1	0	20.06	20.29	20.11			
15	QPSK	1	37	19.97	20.16	20.06	21.5	0	
15	QPSK	1	74	20.00	20.17	20.15			
15	QPSK	36	0	20.01	20.25	20.11			
15	QPSK	36	20	19.96	20.25	20.06			
15	QPSK	36	39	19.90	20.15	20.03	21.5	0	
15	QPSK	75	0	19.94	20.21	20.07			
15	16QAM	1	0	20.03	20.24	20.13			
15	16QAM	1	37	19.93	20.22	19.98			
15	16QAM	1	74	19.96	20.19	20.08	21.5	0	
15	16QAM	36	0	19.96	20.26	20.11			
15	16QAM	36	20	20.00	20.09	20.07			
15	16QAM	36	39	19.79	20.09	19.91			
15	16QAM	75	0	19.88	20.10	20.00	21.5	0	
15	64QAM	1	0	19.92	20.28	20.09			
15	64QAM	1	37	19.91	20.07	20.01			
15	64QAM	1	74	19.98	20.11	20.12			
15	64QAM	36	0	20.02	20.21	20.14	21.5	0	
15	64QAM	36	20	19.95	20.25	20.09			
15	64QAM	36	39	19.84	20.09	19.99			
15	64QAM	75	0	19.89	20.04	19.87			
Channel				20800	21100	21400	21.5	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.03	20.31	20.18	21.5	0	
10	QPSK	1	25	19.97	20.18	20.06			
10	QPSK	1	49	20.03	20.17	20.10			
10	QPSK	25	0	20.08	20.27	20.13			
10	QPSK	25	12	19.93	20.21	20.05	21.5	0	
10	QPSK	25	25	19.81	20.09	20.01			
10	QPSK	50	0	19.84	20.19	20.03			
10	16QAM	1	0	19.97	20.24	20.12			
10	16QAM	1	25	19.94	20.18	20.03	21.5	0	
10	16QAM	1	49	19.91	20.16	19.99			
10	16QAM	25	0	19.91	20.22	20.08			
10	16QAM	25	12	19.96	20.11	20.03			
10	16QAM	25	25	19.79	20.10	19.94	21.5	0	
10	16QAM	50	0	19.86	20.09	19.99			
10	64QAM	1	0	19.99	20.27	20.10			
10	64QAM	1	25	19.95	20.04	19.92			
10	64QAM	1	49	19.93	20.18	20.12	21.5	0	
10	64QAM	25	0	20.02	20.19	20.09			
10	64QAM	25	12	19.96	20.15	20.07			
10	64QAM	25	25	19.86	20.16	19.92			
10	64QAM	50	0	19.86	20.07	19.94	21.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	21.5	0	
5	QPSK	1	0	20.17	20.24	20.09			
5	QPSK	1	12	20.00	20.25	20.07	21.5	0	
5	QPSK	1	24	20.03	20.16	20.06			
5	QPSK	12	0	20.03	20.31	20.09			
5	QPSK	12	7	19.96	20.19	20.05			
5	QPSK	12	13	19.81	20.20	20.02	21.5	0	
5	QPSK	25	0	19.88	20.14	20.07			
5	16QAM	1	0	20.05	20.22	20.15			
5	16QAM	1	12	19.87	20.20	19.94			
5	16QAM	1	24	20.02	20.17	20.04	21.5	0	
5	16QAM	12	0	19.86	20.27	20.05			
5	16QAM	12	7	19.96	20.14	20.09			
5	16QAM	12	13	19.84	20.14	19.86			
5	16QAM	25	0	19.90	20.18	19.99	21.5	0	
5	64QAM	1	0	19.91	20.26	20.02			
5	64QAM	1	12	19.97	20.06	20.02			
5	64QAM	1	24	19.93	20.14	20.11			
5	64QAM	12	0	19.96	20.18	20.11	21.5	0	
5	64QAM	12	7	19.97	20.21	20.02			
5	64QAM	12	13	19.84	20.08	19.98			
5	64QAM	25	0	19.83	20.10	19.97			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.48	21.59	21.53	22.5	0	
20	QPSK	1	49	21.40	21.58	21.41			
20	QPSK	1	99	21.47	21.58	21.42			
20	QPSK	50	0	21.45	21.56	21.48			
20	QPSK	50	24	21.44	21.49	21.45	22.5	0	
20	QPSK	50	50	21.36	21.53	21.36			
20	QPSK	100	0	21.46	21.49	21.31			
20	16QAM	1	0	21.41	21.51	21.51			
20	16QAM	1	49	21.36	21.52	21.29	22.5	0	
20	16QAM	1	99	21.43	21.57	21.34			
20	16QAM	50	0	21.38	21.52	21.45			
20	16QAM	50	24	21.41	21.37	21.41			
20	16QAM	50	50	21.28	21.45	21.32	22.5	0	
20	16QAM	100	0	21.45	21.41	21.19			
20	64QAM	1	0	21.47	21.57	21.48			
20	64QAM	1	49	21.39	21.48	21.29			
20	64QAM	1	99	21.36	21.56	21.41	22.5	0	
20	64QAM	50	0	21.33	21.55	21.46			
20	64QAM	50	24	21.40	21.48	21.37			
20	64QAM	50	50	21.25	21.51	21.30			
20	64QAM	100	0	21.42	21.41	21.20	22.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.41	21.53	21.44	22.5	0	
15	QPSK	1	37	21.36	21.46	21.35			
15	QPSK	1	74	21.38	21.50	21.30			
15	QPSK	36	0	21.35	21.49	21.47			
15	QPSK	36	20	21.32	21.37	21.40	22.5	0	
15	QPSK	36	39	21.33	21.47	21.32			
15	QPSK	75	0	21.39	21.38	21.19			
15	16QAM	1	0	21.33	21.42	21.50	22.5	0	
15	16QAM	1	37	21.29	21.44	21.21			
15	16QAM	1	74	21.34	21.47	21.23			
15	16QAM	36	0	21.34	21.50	21.37			
15	16QAM	36	20	21.32	21.32	21.36	22.5	0	
15	16QAM	36	39	21.24	21.34	21.24			
15	16QAM	75	0	21.44	21.32	21.07			
15	64QAM	1	0	21.42	21.48	21.40			
15	64QAM	1	37	21.37	21.43	21.24	22.5	0	
15	64QAM	1	74	21.27	21.49	21.29			
15	64QAM	36	0	21.27	21.48	21.42			
15	64QAM	36	20	21.36	21.40	21.34			
15	64QAM	36	39	21.15	21.46	21.25	22.5	0	
15	64QAM	75	0	21.32	21.29	21.16			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.44	21.58	21.48	22.5	0	
10	QPSK	1	25	21.35	21.48	21.34			
10	QPSK	1	49	21.43	21.52	21.30			
10	QPSK	25	0	21.43	21.45	21.43			
10	QPSK	25	12	21.32	21.38	21.44	22.5	0	
10	QPSK	25	25	21.33	21.51	21.33			
10	QPSK	50	0	21.42	21.42	21.30			
10	16QAM	1	0	21.30	21.48	21.43			
10	16QAM	1	25	21.31	21.41	21.23	22.5	0	
10	16QAM	1	49	21.37	21.56	21.26			
10	16QAM	25	0	21.30	21.49	21.33			
10	16QAM	25	12	21.37	21.33	21.40			
10	16QAM	25	25	21.21	21.39	21.24	22.5	0	
10	16QAM	50	0	21.37	21.37	21.21			
10	64QAM	1	0	21.43	21.51	21.43			
10	64QAM	1	25	21.28	21.41	21.23			
10	64QAM	1	49	21.24	21.46	21.30	22.5	0	
10	64QAM	25	0	21.22	21.44	21.35			
10	64QAM	25	12	21.32	21.44	21.30			
10	64QAM	25	25	21.24	21.49	21.25			
10	64QAM	50	0	21.33	21.30	21.22	22.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.39	21.56	21.43	22.5	0	
5	QPSK	1	12	21.28	21.46	21.32			
5	QPSK	1	24	21.40	21.47	21.43			
5	QPSK	12	0	21.33	21.51	21.37			
5	QPSK	12	0	21.36	21.43	21.38	22.5	0	
5	QPSK	12	13	21.32	21.43	21.25			
5	QPSK	25	0	21.34	21.45	21.21			
5	16QAM	1	0	21.37	21.49	21.43			
5	16QAM	1	12	21.24	21.45	21.24	22.5	0	
5	16QAM	1	24	21.32	21.53	21.33			
5	16QAM	12	0	21.31	21.47	21.40			
5	16QAM	12	7	21.36	21.39	21.39			
5	16QAM	12	13	21.25	21.42	21.20	22.5	0	
5	16QAM	25	0	21.35	21.39	21.17			
5	64QAM	1	0	21.40	21.48	21.46			
5	64QAM	1	12	21.32	21.42	21.19			
5	64QAM	1	24	21.25	21.45	21.31	22.5	0	
5	64QAM	12	0	21.26	21.48	21.38			
5	64QAM	12	7	21.31	21.47	21.35			
5	64QAM	12	13	21.16	21.40	21.23			
5	64QAM	25	0	21.32	21.33	21.29			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.55	23.65	23.61	25.5	0	
10	QPSK	1	25	23.54	23.56	23.57			
10	QPSK	1	49	23.52	23.63	23.52			
10	QPSK	25	0	22.58	22.58	22.60	24.5	1	
10	QPSK	25	25	22.51	22.54	22.53			
10	QPSK	50	0	22.54	22.58	22.52			
10	16QAM	1	0	22.51	22.72	22.86	24.5	1	
10	16QAM	1	25	22.76	22.89	22.78			
10	16QAM	1	49	22.93	22.79	22.53			
10	16QAM	25	0	21.62	21.52	21.51	23.5	2	
10	16QAM	25	12	21.59	21.58	21.59			
10	16QAM	25	25	21.66	21.57	21.54			
10	16QAM	50	0	21.58	21.56	21.55	23.5	2	
10	64QAM	1	0	21.53	21.66	21.68			
10	64QAM	1	25	21.65	21.73	21.67			
10	64QAM	1	49	21.77	21.72	21.52	22.5	3	
10	64QAM	25	0	20.59	20.55	20.51			
10	64QAM	25	12	20.53	20.56	20.54			
10	64QAM	25	25	20.64	20.57	20.52	Tune-up limit (dBm)	MPR (dB)	
10	64QAM	50	0	20.56	20.54	20.53			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.60	23.55	23.55	25.5	0	
5	QPSK	1	12	23.59	23.59	23.62			
5	QPSK	1	24	23.60	23.54	23.56			
5	QPSK	12	0	22.53	22.64	22.62	24.5	1	
5	QPSK	12	7	22.60	22.59	22.61			
5	QPSK	12	13	22.63	22.66	22.57			
5	QPSK	25	0	22.64	22.51	22.62	24.5	1	
5	16QAM	1	0	22.58	22.59	22.74			
5	16QAM	1	12	22.67	22.84	22.69			
5	16QAM	1	24	22.88	22.66	22.63	23.5	2	
5	16QAM	12	0	21.52	21.56	21.63			
5	16QAM	12	7	21.64	21.64	21.52			
5	16QAM	12	13	21.54	21.63	21.62	23.5	2	
5	16QAM	25	0	21.62	21.67	21.66			
5	64QAM	1	0	21.61	21.52	21.60			
5	64QAM	1	12	21.53	21.61	21.55	22.5	3	
5	64QAM	1	24	21.63	21.63	21.60			
5	64QAM	12	0	20.69	20.61	20.60			
5	64QAM	12	7	20.58	20.66	20.61	Tune-up limit (dBm)	MPR (dB)	
5	64QAM	12	13	20.50	20.65	20.64			
5	64QAM	25	0	20.62	20.65	20.57			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	707.5	714.5			
3	QPSK	1	0	23.64	23.60	23.51	25.5	0	
3	QPSK	1	8	23.62	23.64	23.64			
3	QPSK	1	14	23.57	23.61	23.59			
3	QPSK	8	0	22.63	22.62	22.66	24.5	1	
3	QPSK	8	4	22.66	22.60	22.63			
3	QPSK	8	7	22.59	22.60	22.60			
3	QPSK	15	0	22.66	22.63	22.59	24.5	1	
3	16QAM	1	0	22.56	22.62	22.78			
3	16QAM	1	8	22.66	22.60	22.63			
3	16QAM	1	14	22.86	22.68	22.56	23.5	2	
3	16QAM	8	0	21.56	21.63	21.56			
3	16QAM	8	4	21.50	21.63	21.50			
3	16QAM	8	7	21.55	21.52	21.63	23.5	2	
3	16QAM	15	0	21.67	21.66	21.61			
3	64QAM	1	0	21.63	21.54	21.56			
3	64QAM	1	8	21.55	21.63	21.52	22.5	3	
3	64QAM	1	14	21.68	21.57	21.65			
3	64QAM	8	0	20.64	20.62	20.58			
3	64QAM	8	4	20.64	20.59	20.66	Tune-up limit (dBm)	MPR (dB)	
3	64QAM	8	7	20.57	20.62	20.61			
3	64QAM	15	0	20.60	20.62	20.59			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.57	23.55	23.52	25.5	0	
1.4	QPSK	1	3	23.55	23.52	23.50			
1.4	QPSK	1	5	23.57	23.56	23.53			
1.4	QPSK	3	0	23.60	23.56	23.53	24.5	1	
1.4	QPSK	3	1	23.53	23.56	23.53			
1.4	QPSK	3	3	23.60	23.58	23.56			
1.4	QPSK	6	0	22.57	22.57	22.60	24.5	1	
1.4	16QAM	1	0	22.76	22.84	22.75			
1.4	16QAM	1	3	22.74	22.83	22.72			
1.4	16QAM	1	5	22.71	22.83	22.72	24.5	1	
1.4	16QAM	3	0	22.50	22.57	22.57			
1.4	16QAM	3	1	22.55	22.56	22.56			
1.4	16QAM	3	3	22.52	22.57	22.61	23.5	2	
1.4	16QAM	6	0	21.55	21.62	21.55			
1.4	64QAM	1	0	21.57	21.72	21.62			
1.4	64QAM	1	3	21.61	21.71	21.64	23.5	2	
1.4	64QAM	1	5	21.56	21.70	21.56			
1.4	64QAM	3	0	21.51	21.66	21.52			
1.4	64QAM	3	1	21.61	21.64	21.50	Tune-up limit (dBm)	MPR (dB)	
1.4	64QAM	3	3	21.56	21.65	21.52			
1.4	64QAM	6	0	20.51	20.51	20.51			

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			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				762						
10	QPSK	1	0		24.51		25.5	0		
10	QPSK	1	25		24.49					
10	QPSK	1	49		24.50					
10	QPSK	25	0		23.48		24.5	1		
10	QPSK	25	12		23.46					
10	QPSK	25	25		23.44					
10	QPSK	50	0		23.52		24.5	1		
10	16QAM	1	0		23.75					
10	16QAM	1	25		23.81					
10	16QAM	1	49		23.74		23.5	2		
10	16QAM	25	0		22.49					
10	16QAM	25	12		22.46					
10	16QAM	25	25		22.46		23.5	2		
10	16QAM	50	0		22.48					
10	64QAM	1	0		22.64					
10	64QAM	1	25		22.61		22.5	3		
10	64QAM	1	49		22.63					
10	64QAM	25	0		21.48					
10	64QAM	25	12		21.44		Tune-up limit (dBm)	MPR (dB)		
10	64QAM	25	25		21.40					
10	64QAM	50	0		21.44					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				779.5	782	784.5				
5	QPSK	1	0	24.37	24.37	24.44	25.5	0		
5	QPSK	1	12	24.44	24.42	24.37				
5	QPSK	1	24	24.45	24.44	24.39				
5	QPSK	12	0	23.42	23.38	23.43	24.5	1		
5	QPSK	12	7	23.33	23.38	23.35				
5	QPSK	12	13	23.33	23.34	23.33				
5	QPSK	25	0	23.37	23.42	23.40	24.5	1		
5	16QAM	1	0	23.66	23.63	23.60				
5	16QAM	1	12	23.76	23.71	23.69				
5	16QAM	1	24	23.64	23.59	23.68	23.5	2		
5	16QAM	12	0	22.39	22.34	22.37				
5	16QAM	12	7	22.39	22.35	22.37				
5	16QAM	12	13	22.40	22.31	22.39	23.5	2		
5	16QAM	25	0	22.43	22.42	22.42				
5	64QAM	1	0	22.58	22.49	22.51				
5	64QAM	1	12	22.49	22.56	22.53	22.5	3		
5	64QAM	1	24	22.56	22.54	22.54				
5	64QAM	12	0	21.42	21.43	21.41				
5	64QAM	12	7	21.36	21.31	21.36	22.5	3		
5	64QAM	12	13	21.35	21.30	21.25				
5	64QAM	25	0	21.39	21.29	21.34				
Channel				779.5 <th>782</th> <th>785.5</th> <th rowspan="2">Tune-up limit (dBm)</th> <th colspan="2" rowspan="2">MPR (dB)</th>	782	785.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				24.46 <th>24.39<th>24.44</th></th>	24.39 <th>24.44</th>	24.44				
3	QPSK	1	0	24.35	24.39	24.37	25.5	0		
3	QPSK	1	8	24.26	24.30	24.37				
3	QPSK	1	14	24.45	24.37	24.42				
3	QPSK	8	0	23.40	23.37	23.36	24.5	1		
3	QPSK	8	4	23.34	23.31	23.37				
3	QPSK	8	7	23.30	23.31	23.34				
3	QPSK	15	0	23.46	23.43	23.44	24.5	1		
3	16QAM	1	0	23.62	23.63	23.66				
3	16QAM	1	8	23.68	23.76	23.68				
3	16QAM	1	14	23.62	23.61	23.61	23.5	2		
3	16QAM	8	0	22.34	22.38	22.43				
3	16QAM	8	4	22.37	22.37	22.37				
3	16QAM	8	7	22.31	22.36	22.37	23.5	2		
3	16QAM	15	0	22.35	22.35	22.40				
3	64QAM	1	0	22.53	22.51	22.59				
3	64QAM	1	8	22.50	22.56	22.55	22.5	3		
3	64QAM	1	14	22.56	22.51	22.55				
3	64QAM	8	0	21.33	21.38	21.37				
3	64QAM	8	4	21.30	21.38	21.36	Tune-up limit (dBm)	MPR (dB)		
3	64QAM	8	7	21.34	21.36	21.28				
3	64QAM	15	0	21.29	21.33	21.39				
Channel				23177	23230	23273	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				777.7	782	786.3				
1.4	QPSK	1	0	24.34	24.41	24.39	25.5	0		
1.4	QPSK	1	3	24.44	24.43	24.44				
1.4	QPSK	1	5	24.42	24.43	24.43				
1.4	QPSK	3	0	24.38	24.43	24.43	24.5	1		
1.4	QPSK	3	1	24.43	24.44	24.43				
1.4	QPSK	3	3	24.46	24.45	24.44				
1.4	QPSK	6	0	24.44	24.44	24.44	23.5	2		
1.4	16QAM	1	0	23.63	23.70	23.71				
1.4	16QAM	1	3	23.71	23.72	23.73				
1.4	16QAM	1	5	23.68	23.69	23.69	24.5	1		
1.4	16QAM	3	0	23.41	23.41	23.42				
1.4	16QAM	3	1	23.45	23.44	23.44				
1.4	16QAM	3	3	23.44	23.41	23.42	23.5	2		
1.4	16QAM	6	0	22.48	22.48	22.49				
1.4	64QAM	1	0	22.49	22.50	22.54				
1.4	64QAM	1	3	22.58	22.55	22.56	22.5	2		
1.4	64QAM	1	5	22.52	22.53	22.53				
1.4	64QAM	3	0	22.47	22.48	22.53				
1.4	64QAM	3	1	22.52	22.55	22.52	22.5	3		
1.4	64QAM	3	3	22.54	22.53	22.52				
1.4	64QAM	6	0	21.36	21.36	21.36				

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	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.96	24.63	24.07			
10	QPSK	1	25	24.52	24.61	24.50			
10	QPSK	1	49	24.55	24.53	24.54	24	1	
10	QPSK	25	0	23.52	23.56	23.52			
10	QPSK	25	12	23.51	23.51	23.50			
10	QPSK	25	25	23.50	23.53	23.48			
10	QPSK	50	0	23.52	23.57	23.54	24	1	
10	16QAM	1	0	23.83	23.80	23.82			
10	16QAM	1	25	23.83	23.78	23.78			
10	16QAM	1	49	23.77	23.78	23.75			
10	16QAM	25	0	22.53	22.51	22.50	23	2	
10	16QAM	25	12	22.57	22.55	22.59			
10	16QAM	25	25	22.53	22.49	22.49			
10	16QAM	50	0	22.52	22.51	22.52			
10	64QAM	1	0	22.66	22.71	22.68	23	2	
10	64QAM	1	25	22.71	22.70	22.67			
10	64QAM	1	49	22.67	22.70	22.70			
10	64QAM	25	0	21.48	21.52	21.47			
10	64QAM	25	12	21.57	21.54	21.57	22	3	
10	64QAM	25	25	21.48	21.51	21.49			
10	64QAM	50	0	21.51	21.48	21.51			
Channel				23755	23760	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.45	24.51	24.48			
5	QPSK	1	12	24.41	24.53	24.45			
5	QPSK	1	24	24.50	24.44	24.42	24	1	
5	QPSK	12	0	23.46	23.41	23.43			
5	QPSK	12	7	23.37	23.39	23.41			
5	QPSK	12	13	23.38	23.42	23.36			
5	QPSK	25	0	23.41	23.47	23.47	24	1	
5	16QAM	1	0	23.68	23.75	23.70			
5	16QAM	1	12	23.73	23.69	23.64			
5	16QAM	1	24	23.62	23.70	23.69			
5	16QAM	12	0	22.46	22.45	22.43	23	2	
5	16QAM	12	7	22.52	22.43	22.47			
5	16QAM	12	13	22.45	22.38	22.37			
5	16QAM	25	0	22.42	22.46	22.39			
5	64QAM	1	0	22.54	22.56	22.57	23	2	
5	64QAM	1	12	22.66	22.58	22.52			
5	64QAM	1	24	22.55	22.61	22.55			
5	64QAM	12	0	21.40	21.40	21.38			
5	64QAM	12	7	21.46	21.40	21.47	22	3	
5	64QAM	12	13	21.43	21.36	21.34			
5	64QAM	25	0	21.39	21.35	21.42			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	25	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.87	23.91	23.90			
10	QPSK	1	25	23.82	23.90	23.88			
10	QPSK	1	49	23.84	23.87	23.85	24	1	
10	QPSK	25	0	22.82	22.87	22.86			
10	QPSK	25	12	22.78	22.78	22.77			
10	QPSK	25	25	22.79	22.81	22.78			
10	QPSK	50	0	22.80	22.86	22.82	24	1	
10	16QAM	1	0	23.06	23.16	23.13			
10	16QAM	1	25	23.10	23.09	23.12			
10	16QAM	1	49	23.06	23.06	23.05			
10	16QAM	25	0	21.75	21.81	21.82	23	2	
10	16QAM	25	12	21.86	21.87	21.90			
10	16QAM	25	25	21.81	21.83	21.78			
10	16QAM	50	0	21.80	21.82	21.80			
10	64QAM	1	0	21.93	22.01	21.99	23	2	
10	64QAM	1	25	22.02	21.97	21.99			
10	64QAM	1	49	21.97	21.96	22.00			
10	64QAM	25	0	20.77	20.78	20.77			
10	64QAM	25	12	20.85	20.84	20.88	22	3	
10	64QAM	25	25	20.76	20.79	20.77			
10	64QAM	50	0	20.77	20.79	20.78			
Channel				23755	23760	23825	25	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.75	23.76	23.84			
5	QPSK	1	12	23.73	23.77	23.75			
5	QPSK	1	24	23.75	23.79	23.70	24	1	
5	QPSK	12	0	22.76	22.76	22.71			
5	QPSK	12	7	22.66	22.71	22.62			
5	QPSK	12	13	22.71	22.71	22.69			
5	QPSK	25	0	22.66	22.72	22.70	24	1	
5	16QAM	1	0	22.93	23.13	23.07			
5	16QAM	1	12	22.99	23.04	23.00			
5	16QAM	1	24	22.98	23.02	22.90			
5	16QAM	12	0	21.65	21.66	21.73	23	2	
5	16QAM	12	7	21.78	21.82	21.75			
5	16QAM	12	13	21.68	21.71	21.73			
5	16QAM	25	0	21.68	21.68	21.75			
5	64QAM	1	0	21.84	21.88	21.85	23	2	
5	64QAM	1	12	21.94	21.92	21.88			
5	64QAM	1	24	21.82	21.87	21.89			
5	64QAM	12	0	20.71	20.66	20.68			
5	64QAM	12	7	20.73	20.71	20.75	22	3	
5	64QAM	12	13	20.63	20.64	20.62			
5	64QAM	25	0	20.63	20.67	20.69			

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	24.56	24.57	24.49	25.5	0	
15	QPSK	1	37	24.55	24.53	24.48			
15	QPSK	1	74	24.52	24.55	24.43			
15	QPSK	36	0	23.47	23.47	23.52	24.5	1	
15	QPSK	36	20	23.45	23.51	23.50			
15	QPSK	36	39	23.44	23.49	23.47			
15	QPSK	75	0	23.49	23.50	23.47	24.5	1	
15	16QAM	1	0	23.62	23.73	23.69			
15	16QAM	1	37	23.77	23.79	23.77			
15	16QAM	1	74	23.75	23.73	23.78	23.5	2	
15	16QAM	36	0	22.48	22.43	22.58			
15	16QAM	36	20	22.51	22.51	22.56			
15	16QAM	36	39	22.49	22.48	22.55	22.5	3	
15	16QAM	75	0	22.48	22.47	22.60			
15	84QAM	1	0	22.51	22.66	22.81			
15	84QAM	1	37	22.66	22.67	22.70	23.5	2	
15	84QAM	1	74	22.60	22.59	22.65			
15	84QAM	36	0	21.48	21.43	21.58			
15	84QAM	36	20	21.45	21.51	21.56	22.5	3	
15	84QAM	36	39	21.46	21.51	21.57			
15	84QAM	75	0	21.48	21.45	21.57			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.41	24.50	24.36	25.5	0	
10	QPSK	1	25	24.41	24.43	24.33			
10	QPSK	1	49	24.46	24.40	24.34			
10	QPSK	25	0	23.37	23.47	23.38	24.5	1	
10	QPSK	25	12	23.36	23.36	23.42			
10	QPSK	25	25	23.35	23.38	23.34			
10	QPSK	50	0	23.40	23.35	23.41	24.5	1	
10	16QAM	1	0	23.47	23.64	23.62			
10	16QAM	1	25	23.63	23.66	23.68			
10	16QAM	1	49	23.60	23.60	23.66	23.5	2	
10	16QAM	25	0	22.34	22.32	22.59			
10	16QAM	25	12	22.44	22.39	22.51			
10	16QAM	25	25	22.39	22.38	22.46	22.5	3	
10	16QAM	50	0	22.35	22.38	22.49			
10	84QAM	1	0	22.45	22.61	22.48			
10	84QAM	1	25	22.61	22.53	22.65	22.5	3	
10	84QAM	1	49	22.49	22.45	22.51			
10	84QAM	25	0	21.38	21.38	21.43			
10	84QAM	25	12	21.40	21.40	21.42	22.5	3	
10	84QAM	25	25	21.39	21.41	21.43			
10	84QAM	50	0	21.41	21.32	21.42			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.51	24.45	24.36	25.5	0	
5	QPSK	1	12	24.49	24.48	24.41			
5	QPSK	1	24	24.41	24.50	24.30			
5	QPSK	12	0	23.36	23.38	23.40	24.5	1	
5	QPSK	12	7	23.34	23.46	23.39			
5	QPSK	12	13	23.30	23.39	23.38			
5	QPSK	25	0	23.44	23.45	23.33	24.5	1	
5	16QAM	1	0	23.54	23.58	23.58			
5	16QAM	1	12	23.69	23.69	23.68			
5	16QAM	1	24	23.65	23.65	23.70	23.5	2	
5	16QAM	12	0	22.34	22.35	22.46			
5	16QAM	12	7	22.44	22.38	22.49			
5	16QAM	12	13	22.42	22.37	22.41	22.5	3	
5	16QAM	25	0	22.43	22.34	22.52			
5	84QAM	1	0	22.43	22.51	22.48			
5	84QAM	1	12	22.58	22.55	22.58	22.5	3	
5	84QAM	1	24	22.49	22.46	22.51			
5	84QAM	12	0	21.39	21.31	21.46			
5	84QAM	12	7	21.33	21.38	21.42	22.5	3	
5	84QAM	12	13	21.32	21.37	21.49			
5	84QAM	25	0	21.33	21.31	21.44			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.50	24.49	24.43	25.5	0	
3	QPSK	1	8	24.43	24.45	24.39			
3	QPSK	1	14	24.44	24.50	24.30			
3	QPSK	8	0	23.41	23.45	23.44	24.5	1	
3	QPSK	8	4	23.30	23.45	23.45			
3	QPSK	8	7	23.30	23.38	23.38			
3	QPSK	15	0	23.37	23.38	23.32	24.5	1	
3	16QAM	1	0	23.50	23.61	23.59			
3	16QAM	1	8	23.66	23.71	23.72			
3	16QAM	1	14	23.67	23.58	23.72	23.5	2	
3	16QAM	8	0	22.43	22.52	22.53			
3	16QAM	8	4	22.45	22.44	22.50			
3	16QAM	8	7	22.36	22.40	22.40	23.5	2	
3	16QAM	15	0	22.43	22.35	22.49			
3	84QAM	1	0	22.37	22.56	22.47	23.5	2	
3	84QAM	1	8	22.56	22.62	22.60			
3	84QAM	1	14	22.49	22.53	22.52			
3	84QAM	8	0	21.40	21.37	21.49	22.5	3	
3	84QAM	8	4	21.34	21.39	21.42			
3	84QAM	8	7	21.34	21.46	21.42			
3	84QAM	15	0	21.42	21.39	21.51	22.5	3	
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.36	24.48	24.56	25.5	0	
1.4	QPSK	1	3	24.38	24.49	24.42			
1.4	QPSK	1	5	24.37	24.49	24.36			
1.4	QPSK	3	0	24.41	24.52	24.43	24.5	1	
1.4	QPSK	3	1	24.44	24.52	24.43			
1.4	QPSK	3	3	24.44	24.51	24.45			
1.4	QPSK	6	0	23.43	23.51	23.59	24.5	1	
1.4	16QAM	1	0	23.61	23.70	23.80			
1.4	16QAM	1	3	23.64	23.77	23.61			
1.4	16QAM	1	5	23.60	23.75	23.82	23.5	2	
1.4	16QAM	3	0	23.47	23.52	23.59			
1.4	16QAM	3	1	23.45	23.50	23.62			
1.4	16QAM	3	3	23.43	23.46	23.62	22.5	3	
1.4	16QAM	6	0	22.48	22.56	22.67			
1.4	84QAM	1	0	22.51	22.59	22.67			
1.4	84QAM	1	3	22.53	22.63	22.68	23.5	2	
1.4	84QAM	1	5	22.50	22.61	22.71			
1.4	84QAM	3	0	22.49	22.57	22.65			
1.4	84QAM	3	1	22.49	22.57	22.68	22.5	3	
1.4	84QAM	3	3	22.49	22.54	22.67			
1.4	84QAM	6	0	21.36	21.43	21.53			

Band 26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.61	23.63	23.62	25.5	0	
15	QPSK	1	37	23.79	23.80	23.77			
15	QPSK	1	74	23.76	23.79	23.81			
15	QPSK	36	0	22.72	22.77	22.75	24.5	1	
15	QPSK	36	39	22.72	22.73	22.70			
15	QPSK	75	0	22.76	22.82	22.77			
15	16QAM	1	0	22.86	22.98	22.99	24.5	1	
15	16QAM	1	37	23.02	23.02	23.06			
15	16QAM	1	74	23.02	23.09	23.01			
15	16QAM	36	0	21.67	21.75	21.78	23.5	2	
15	16QAM	36	20	21.80	21.79	21.79			
15	16QAM	75	0	21.72	21.77	21.75			
15	8QAM	1	0	21.82	21.90	21.88	23.5	2	
15	8QAM	1	37	21.98	21.92	21.83			
15	8QAM	1	74	21.82	21.89	21.87			
15	8QAM	36	0	20.69	20.74	20.74	22.5	3	
15	8QAM	36	20	20.73	20.78	20.80			
15	8QAM	36	39	20.73	20.80	20.71			
15	8QAM	75	0	20.70	20.76	20.69			
Channel				26740	26865	26990	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.73	23.73	23.75	25.5	0	
10	QPSK	1	25	23.73	23.73	23.75			
10	QPSK	1	49	23.62	23.67	23.76			
10	QPSK	25	0	22.61	22.66	22.61	24.5	1	
10	QPSK	25	12	22.57	22.64	22.62			
10	QPSK	25	25	22.59	22.66	22.59			
10	QPSK	50	0	22.69	22.70	22.62	24.5	1	
10	16QAM	1	0	22.83	22.85	22.83			
10	16QAM	1	25	22.93	22.97	22.91			
10	16QAM	1	49	22.96	22.97	22.87	23.5	2	
10	16QAM	25	0	21.53	21.61	21.66			
10	16QAM	25	12	21.73	21.68	21.74			
10	16QAM	25	25	21.66	21.79	21.56	23.5	2	
10	16QAM	50	0	21.62	21.68	21.67			
10	8QAM	1	0	21.76	21.78	21.76			
10	8QAM	1	25	21.83	21.83	21.82	22.5	3	
10	8QAM	1	49	21.82	21.80	21.73			
10	8QAM	25	0	20.64	20.60	20.68			
10	8QAM	25	12	20.67	20.64	20.70	22.5	3	
10	8QAM	25	25	20.62	20.71	20.63			
10	8QAM	50	0	20.60	20.56	20.53			
Channel				26715	26865	27015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				815.5	831.5	847.5			
5	QPSK	1	0	23.71	23.72	23.68	25.5	0	
5	QPSK	1	12	23.71	23.74	23.72			
5	QPSK	1	24	23.71	23.73	23.69			
5	QPSK	12	0	22.68	22.72	22.61	24.5	1	
5	QPSK	12	7	22.58	22.57	22.57			
5	QPSK	12	13	22.59	22.66	22.57			
5	QPSK	25	0	22.69	22.76	22.67	24.5	1	
5	16QAM	1	0	22.82	22.91	22.84			
5	16QAM	1	12	23.02	22.96	22.92			
5	16QAM	1	24	22.90	22.94	22.92	23.5	2	
5	16QAM	12	0	21.59	21.62	21.69			
5	16QAM	12	7	21.72	21.74	21.66			
5	16QAM	12	13	21.80	21.85	21.67	23.5	2	
5	16QAM	25	0	21.68	21.72	21.68			
5	8QAM	1	0	21.72	21.81	21.83			
5	8QAM	1	12	21.89	21.80	21.87	22.5	3	
5	8QAM	1	24	21.84	21.75	21.78			
5	8QAM	12	0	20.63	20.63	20.59			
5	8QAM	12	7	20.62	20.68	20.73	22.5	3	
5	8QAM	12	13	20.63	20.68	20.66			
5	8QAM	25	0	20.61	20.69	20.51			
Channel				26705	26865	27025	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.70	23.75	23.77	25.5	0	
3	QPSK	1	8	23.65	23.68	23.65			
3	QPSK	1	14	23.70	23.72	23.75			
3	QPSK	8	0	22.61	22.62	22.64	24.5	1	
3	QPSK	8	4	22.67	22.56	22.65			
3	QPSK	8	12	22.66	22.65	22.66			
3	QPSK	15	0	22.62	22.71	22.64	24.5	1	
3	16QAM	1	0	22.82	22.91	22.84			
3	16QAM	1	8	22.97	22.95	22.92			
3	16QAM	1	14	22.89	22.96	22.91	23.5	2	
3	16QAM	8	0	21.58	21.61	21.65			
3	16QAM	8	4	21.68	21.72	21.67			
3	16QAM	8	12	21.61	21.67	21.58	23.5	2	
3	16QAM	15	0	21.59	21.67	21.65			
3	8QAM	1	0	21.75	21.83	21.80			
3	8QAM	1	8	21.92	21.86	21.87	22.5	3	
3	8QAM	1	14	21.84	21.74	21.74			
3	8QAM	8	0	20.58	20.61	20.59			
3	8QAM	8	4	20.67	20.67	20.69	22.5	3	
3	8QAM	8	12	20.67	20.66	20.66			
3	8QAM	8	15	20.65	20.67	20.65			
3	8QAM	15	0	20.57	20.63	20.57			
Channel				26697	26865	27033	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.67	23.78	23.74	25.5	0	
1.4	QPSK	1	3	23.73	23.75	23.76			
1.4	QPSK	1	5	23.70	23.74	23.77			
1.4	QPSK	3	0	23.73	23.75	23.76	24.5	1	
1.4	QPSK	3	1	23.74	23.75	23.76			
1.4	QPSK	3	3	23.73	23.74	23.73			
1.4	QPSK	6	0	22.72	22.77	22.82	24.5	1	
1.4	16QAM	1	0	22.89	22.96	23.02			
1.4	16QAM	1	3	22.91	22.95	23.07			
1.4	16QAM	1	5	22.87	22.94	23.02	24.5	1	
1.4	16QAM	3	0	22.73	22.76	22.82			
1.4	16QAM	3	1	22.74	22.77	22.84			
1.4	16QAM	3	3	22.72	22.71	22.83	23.5	2	
1.4	16QAM	6	0	21.76	21.79	21.88			
1.4	8QAM	1	0	21.81	21.88	21.92			
1.4	8QAM	1	3	21.81	21.86	21.94	23.5	2	
1.4	8QAM	1	5	21.79	21.85	21.93			
1.4	8QAM	3	0	21.78	21.82	21.87			
1.4	8QAM	3	1	21.78	21.83	21.83	22.5	3	
1.4	8QAM	3	3	21.77	21.79	21.90			
1.4	8QAM	6	0	20.62	20.67	20.73			

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.75	22.85	22.81		
20	QPSK	1	49	22.70	22.85	22.75	23.7	0
20	QPSK	1	99	22.72	22.77	22.74		
20	QPSK	50	0	22.98	22.95	22.74		
20	QPSK	50	24	22.87	22.84	22.69		
20	QPSK	50	50	22.67	22.71	22.63	23.7	0
20	QPSK	100	0	22.67	22.71	22.66		
20	16QAM	1	0	22.65	22.79	22.75		
20	16QAM	1	49	22.65	22.80	22.72	23.7	0
20	16QAM	1	99	22.63	22.72	22.66		
20	16QAM	50	0	22.65	22.75	22.64		
20	16QAM	50	24	22.61	22.74	22.57		
20	16QAM	50	50	22.60	22.70	22.53	23.7	0
20	16QAM	100	0	22.60	22.61	22.63		
20	64QAM	1	0	22.66	22.83	22.75		
20	64QAM	1	49	22.60	22.79	22.66	23.7	0
20	64QAM	1	99	22.60	22.70	22.72		
20	64QAM	50	0	21.69	21.59	21.44		
20	64QAM	50	24	21.72	21.53	21.45		
20	64QAM	50	50	21.72	21.53	21.51	22.7	1
20	64QAM	100	0	21.63	21.57	21.52		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.85	22.94	22.72		
15	QPSK	1	37	22.69	22.81	22.74	23.7	0
15	QPSK	1	74	22.71	22.66	22.67		
15	QPSK	36	0	22.60	22.83	22.63		
15	QPSK	36	20	22.60	22.83	22.57	23.7	0
15	QPSK	36	39	22.61	22.68	22.62		
15	QPSK	75	0	22.62	22.60	22.64		
15	16QAM	1	0	22.59	22.74	22.63		
15	16QAM	1	37	22.59	22.68	22.71	23.7	0
15	16QAM	1	74	22.58	22.64	22.54		
15	16QAM	36	0	22.60	22.71	22.54		
15	16QAM	36	20	22.53	22.66	22.49	23.7	0
15	16QAM	36	39	22.56	22.60	22.42		
15	16QAM	75	0	22.53	22.70	22.61		
15	64QAM	1	0	22.61	22.79	22.63		
15	64QAM	1	37	22.55	22.75	22.62	23.7	0
15	64QAM	1	74	22.50	22.58	22.71		
15	64QAM	36	0	21.65	21.54	21.43		
15	64QAM	36	20	21.65	21.50	21.37	22.7	1
15	64QAM	36	39	21.64	21.46	21.49		
15	64QAM	75	0	21.59	21.55	21.49		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.68	22.82	22.70		
10	QPSK	1	25	22.66	22.78	22.70	23.7	0
10	QPSK	1	49	22.63	22.75	22.68		
10	QPSK	25	0	22.63	22.80	22.72		
10	QPSK	25	12	22.57	22.70	22.59	23.7	0
10	QPSK	25	25	22.66	22.68	22.60		
10	QPSK	50	0	22.64	22.59	22.59		
10	16QAM	1	0	22.58	22.72	22.67		
10	16QAM	1	25	22.56	22.74	22.62	23.7	0
10	16QAM	1	49	22.52	22.68	22.64		
10	16QAM	25	0	22.61	22.69	22.60		
10	16QAM	25	12	22.55	22.68	22.46	23.7	0
10	16QAM	25	25	22.48	22.60	22.43		
10	16QAM	50	0	22.55	22.55	22.53		
10	64QAM	1	0	22.65	22.77	22.71		
10	64QAM	1	25	22.54	22.72	22.57	23.7	0
10	64QAM	1	49	22.56	22.66	22.66		
10	64QAM	25	0	21.81	21.51	21.38		
10	64QAM	25	12	21.65	21.50	21.35		
10	64QAM	25	25	21.69	21.47	21.42	22.7	1
10	64QAM	50	0	21.52	21.53	21.51		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.78	22.78		
5	QPSK	1	12	22.66	22.73	22.69	23.7	0
5	QPSK	1	24	22.60	22.67	22.67		
5	QPSK	12	0	22.65	22.80	22.72		
5	QPSK	12	7	22.66	22.79	22.60	23.7	0
5	QPSK	12	13	22.66	22.70	22.51		
5	QPSK	25	0	22.58	22.61	22.59		
5	16QAM	1	0	22.59	22.75	22.72		
5	16QAM	1	12	22.59	22.75	22.71	23.7	0
5	16QAM	1	24	22.55	22.65	22.54		
5	16QAM	12	0	22.61	22.70	22.52		
5	16QAM	12	7	22.50	22.63	22.52	23.7	0
5	16QAM	12	13	22.53	22.62	22.46		
5	16QAM	25	0	22.48	22.56	22.51		
5	64QAM	1	0	22.55	22.79	22.69		
5	64QAM	1	12	22.50	22.71	22.63	23.7	0
5	64QAM	1	24	22.48	22.63	22.66		
5	64QAM	12	0	21.68	21.52	21.43		
5	64QAM	12	7	21.70	21.52	21.40		
5	64QAM	12	13	21.80	21.46	21.46	22.7	1
5	64QAM	25	0	21.59	21.47	21.46		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.42	23.58	23.52		
20	QPSK	1	49	23.38	23.52	23.40	24.2	0
20	QPSK	1	99	23.35	23.47	23.48		
20	QPSK	50	0	23.36	23.37	23.51		
20	QPSK	50	24	23.31	23.40	23.32	24.2	0
20	QPSK	50	50	23.29	23.37	23.47		
20	QPSK	100	0	23.33	23.46	23.46		
20	16QAM	1	0	23.41	23.52	23.49		
20	16QAM	1	49	23.30	23.51	23.36	24.2	0
20	16QAM	1	99	23.25	23.40	23.46		
20	16QAM	50	0	23.09	22.81	22.90		
20	16QAM	50	24	22.98	22.90	22.85	23.7	0.5
20	16QAM	50	50	22.95	22.89	22.89		
20	16QAM	100	0	22.91	22.84	22.77		
20	64QAM	1	0	22.78	22.68	22.53		
20	64QAM	1	49	22.74	22.60	22.51	23.7	0.5
20	64QAM	1	99	22.70	22.53	22.61		
20	64QAM	50	0	21.98	21.89	21.76		
20	64QAM	50	24	21.90	21.91	21.78	22.7	1.5
20	64QAM	50	50	21.98	21.87	21.86		
20	64QAM	100	0	21.97	21.92	21.85		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2617.5		
15	QPSK	1	0	23.30	23.55	23.42		
15	QPSK	1	37	23.30	23.41	23.39	24.2	0
15	QPSK	1	74	23.32	23.45	23.43		
15	QPSK	36	0	23.27	23.47	23.44		
15	QPSK	36	20	23.20	23.30	23.26	24.2	0
15	QPSK	36	39	23.27	23.25	23.46		
15	QPSK	75	0	23.29	23.44	23.40		
15	16QAM	1	0	23.40	23.43	23.48		
15	16QAM	1	37	23.18	23.40	23.26	24.2	0
15	16QAM	1	74	23.15	23.31	23.39		
15	16QAM	36	0	23.06	22.72	22.86		
15	16QAM	36	20	22.88	22.86	22.77	23.7	0.5
15	16QAM	36	39	22.88	22.82	22.87		
15	16QAM	75	0	22.89	22.81	22.74		
15	64QAM	1	0	22.68	22.62	22.52	23.7	0.5
15	64QAM	1	37	22.64	22.54	22.42		
15	64QAM	1	74	22.58	22.44	22.57		
15	64QAM	36	0	21.66	21.78	21.64		
15	64QAM	36	20	21.64	21.60	21.69	22.7	1.5
15	64QAM	36	39	21.64	21.83	21.85		
15	64QAM	75	0	21.91	21.87	21.78		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.35	23.54	23.40		
10	QPSK	1	25	23.33	23.51	23.31	24.2	0
10	QPSK	1	49	23.34	23.36	23.47		
10	QPSK	25	0	23.24	23.47	23.40		
10	QPSK	25	12	23.26	23.33	23.27	24.2	0
10	QPSK	25	25	23.22	23.29	23.41		
10	QPSK	50	0	23.30	23.45	23.45		
10	16QAM	1	0	23.33	23.46	23.41		
10	16QAM	1	25	23.18	23.40	23.31	24.2	0
10	16QAM	1	49	23.13	23.39	23.42		
10	16QAM	25	0	23.06	22.79	22.85		
10	16QAM	25	12	22.97	22.86	22.75	23.7	0.5
10	16QAM	25	25	22.89	22.85	22.82		
10	16QAM	50	0	22.85	22.77	22.69		
10	64QAM	1	0	22.77	22.63	22.50		
10	64QAM	1	25	22.68	22.49	22.40	23.7	0.5
10	64QAM	1	49	22.61	22.47	22.56		
10	64QAM	25	0	21.86	21.85	21.70		
10	64QAM	25	12	21.80	21.82	21.73	22.7	1.5
10	64QAM	25	25	21.95	21.77	21.75		
10	64QAM	50	0	21.88	21.88	21.81		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.32	23.47	23.46		
5	QPSK	1	12	23.37	23.42	23.38	24.2	0
5	QPSK	1	24	23.28	23.36	23.45		
5	QPSK	12	0	23.26	23.49	23.41		
5	QPSK	12	7	23.24	23.38	23.28	24.2	0
5	QPSK	12	13	23.28	23.32	23.43		
5	QPSK	25	0	23.23	23.44	23.40		
5	16QAM	1	0	23.40	23.42	23.48		
5	16QAM	1	12	23.22	23.42	23.28	24.2	0
5	16QAM	1	24	23.18	23.32	23.38		
5	16QAM	12	0	23.03	22.71	22.85		
5	16QAM	12	7	22.86	22.89	22.79	23.7	0.5
5	16QAM	12	13	22.94	22.94	22.81		
5	64QAM	1	0	22.69	22.65	22.50		
5	64QAM	1	12	22.65	22.52	22.42	23.7	0.5
5	64QAM	1	24	22.67	22.47	22.53		
5	64QAM	12	0	21.96	21.85	21.74		
5	64QAM	12	13	21.84	21.79	21.69	22.7	1.5
5	64QAM	12	13	21.92	21.82	21.83		
5	64QAM	25	0	21.87	21.82	21.77		

Band 41_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	23.39	23.35	23.44	23.31	23.25	24.2	0		
20	QPSK	1	49	23.31	23.24	23.43	23.25	23.21				
20	QPSK	1	99	23.32	23.26	23.43	23.29	23.16				
20	QPSK	50	0	23.31	23.32	23.38	23.28	23.21				
20	QPSK	50	24	23.25	23.22	23.31	23.19	23.15				
20	QPSK	50	50	23.23	23.17	23.37	23.27	23.04	24.2	0		
20	QPSK	100	0	23.30	23.16	23.35	23.26	23.14				
20	16QAM	1	0	23.21	23.22	23.34	23.20	23.16				
20	16QAM	1	49	23.19	23.19	23.30	23.16	23.07				
20	16QAM	1	99	23.19	23.14	23.26	23.22	22.95				
20	16QAM	50	0	23.02	22.73	22.91	22.66	23.09	23.7	0.5		
20	16QAM	50	24	23.06	22.76	22.89	22.59	22.98				
20	16QAM	50	50	23.17	22.91	22.86	22.57	22.96				
20	16QAM	100	0	23.10	22.86	22.78	22.62	23.01				
20	64QAM	1	0	22.77	22.49	22.55	22.23	22.72				
20	64QAM	1	49	22.89	22.54	22.50	22.34	22.76	23.7	0.5		
20	64QAM	1	99	22.75	22.62	22.51	22.33	22.63				
20	64QAM	50	0	22.08	21.77	21.86	21.56	22.03				
20	64QAM	50	24	22.10	21.75	21.80	21.60	22.00				
20	64QAM	50	50	22.09	21.81	21.74	21.61	21.90				
20	64QAM	100	0	22.07	21.84	21.79	21.61	21.95	22.7	1.5		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	23.30	23.23	23.42	23.25	23.14	24.2	0		
15	QPSK	1	37	23.26	23.17	23.39	23.14	23.14				
15	QPSK	1	74	23.22	23.22	23.31	23.26	23.12				
15	QPSK	36	0	23.22	23.21	23.30	23.23	23.18				
15	QPSK	36	20	23.17	23.12	23.29	23.08	23.07				
15	QPSK	36	39	23.15	23.07	23.27	23.18	22.95	24.2	0		
15	QPSK	75	0	23.27	23.16	23.24	23.20	23.02				
15	16QAM	1	0	23.10	23.16	23.28	23.16	23.11				
15	16QAM	1	37	23.09	23.07	23.28	23.13	23.01				
15	16QAM	1	74	23.13	23.13	23.26	23.12	22.94				
15	16QAM	36	0	22.92	22.72	22.87	22.65	23.00	23.7	0.5		
15	16QAM	36	20	23.02	22.75	22.79	22.59	22.86				
15	16QAM	36	39	23.07	22.82	22.79	22.53	22.86				
15	16QAM	75	0	23.02	22.83	22.87	22.51	22.95				
15	64QAM	1	0	22.69	22.39	22.47	22.12	22.64				
15	64QAM	1	37	22.80	22.5	22.39	22.29	22.71	23.7	0.5		
15	64QAM	1	74	22.71	22.55	22.39	22.21	22.60				
15	64QAM	36	0	21.95	21.72	21.74	21.47	21.99				
15	64QAM	36	20	21.99	21.66	21.77	21.56	21.92				
15	64QAM	36	39	21.99	21.7	21.63	21.53	21.87				
15	64QAM	75	0	21.97	21.74	21.67	21.55	21.92	22.7	1.5		
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	23.30	23.23	23.40	23.30	23.14	24.2	0		
10	QPSK	1	25	23.26	23.12	23.36	23.19	23.09				
10	QPSK	1	49	23.24	23.16	23.41	23.21	23.13				
10	QPSK	25	0	23.21	23.25	23.34	23.23	23.12				
10	QPSK	25	12	23.16	23.16	23.19	23.08	23.13				
10	QPSK	25	25	23.16	23.16	23.35	23.26	22.96	24.2	0		
10	QPSK	50	0	23.28	23.08	23.23	23.24	23.04				
10	16QAM	1	0	23.13	23.12	23.29	23.12	23.05				
10	16QAM	1	25	23.10	23.14	23.27	23.11	23.05				
10	16QAM	1	49	23.17	23.07	23.26	23.19	22.86				
10	16QAM	25	0	22.98	22.70	22.83	22.54	23.08	23.7	0.5		
10	16QAM	25	12	22.99	22.69	22.83	22.49	22.88				
10	16QAM	25	25	23.06	22.89	22.78	22.50	22.95				
10	16QAM	50	0	22.98	22.74	22.72	22.60	22.91				
10	64QAM	1	0	22.74	22.39	22.45	22.12	22.71				
10	64QAM	1	25	22.78	22.42	22.39	22.31	22.72	23.7	0.5		
10	64QAM	1	49	22.72	22.60	22.43	22.28	22.61				
10	64QAM	25	0	22.00	21.65	21.83	21.45	21.92				
10	64QAM	25	12	22.01	21.63	21.75	21.55	21.99				
10	64QAM	25	25	22.02	21.72	21.63	21.53	21.82				
10	64QAM	50	0	22.00	21.73	21.73	21.58	21.91	22.7	1.5		
Channel				39675	40148	40620	41093	41565				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	23.34	23.33	23.37	23.19	23.24	24.2	0		
5	QPSK	1	12	23.29	23.22	23.38	23.22	23.14				
5	QPSK	1	24	23.30	23.20	23.36	23.25	23.12				
5	QPSK	12	0	23.24	23.28	23.29	23.24	23.14				
5	QPSK	12	7	23.24	23.21	23.21	23.13	23.07				
5	QPSK	12	13	23.11	23.09	23.35	23.21	23.01	24.2	0		
5	QPSK	25	0	23.28	23.09	23.33	23.20	23.02				
5	16QAM	1	0	23.18	23.17	23.30	23.09	23.06				
5	16QAM	1	12	23.09	23.14	23.29	23.04	23.04				
5	16QAM	1	24	23.14	23.07	23.27	23.11	22.94				
5	16QAM	12	0	22.96	22.66	22.87	22.59	23.01	23.7	0.5		
5	16QAM	12	7	23.06	22.68	22.82	22.59	22.91				
5	16QAM	12	13	23.13	22.87	22.79	22.46	22.90				
5	16QAM	25	0	22.96	22.79	22.75	22.37	22.89				
5	64QAM	1	0	22.72	22.39	22.54	22.22	22.65				
5	64QAM	1	12	22.87	22.45	22.47	22.31	22.66	23.7	0.5		
5	64QAM	1	24	22.64	22.60	22.50	22.21	22.57				
5	64QAM	12	0	22.05	21.76	21.80	21.55	21.97				
5	64QAM	12	7	22.09	21.69	21.74	21.57	21.93				
5	64QAM	12	13	21.99	21.78	21.86	21.53	21.89				
5	64QAM	25	0	22.02	21.81	21.72	21.58	21.85	22.7	1.5		

Band 41_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	22.83	22.91	22.95	22.81	22.75	24	0		
20	QPSK	1	49	22.74	22.82	22.89	22.73	22.63				
20	QPSK	1	99	22.71	22.84	22.93	22.71	22.67				
20	QPSK	50	0	22.29	22.30	22.42	22.29	22.17				
20	QPSK	50	24	22.23	22.29	22.37	22.18	22.12				
20	QPSK	50	50	22.11	22.25	22.30	22.10	22.13	23.5	0.5		
20	QPSK	100	0	22.23	22.29	22.31	22.18	22.15				
20	16QAM	1	0	22.20	22.27	22.36	22.27	22.11				
20	16QAM	1	49	22.11	22.19	22.33	22.15	22.04				
20	16QAM	1	99	22.09	22.19	22.32	22.14	22.09				
20	16QAM	50	0	21.50	21.31	21.70	21.67	21.92	22.5	1.5		
20	16QAM	50	24	21.54	21.36	21.65	21.51	21.73				
20	16QAM	50	50	21.63	21.48	21.69	21.75	21.68				
20	16QAM	100	0	21.61	21.42	21.72	21.66	21.75				
20	64QAM	1	0	21.29	21.09	21.30	21.29	21.52				
20	64QAM	1	49	21.32	21.12	21.40	21.46	21.49				
20	64QAM	1	99	21.27	21.31	21.34	21.44	21.27				
20	64QAM	50	0	20.55	20.37	20.59	20.63	20.87	21.5	2.5		
20	64QAM	50	24	20.56	20.39	20.43	20.70	20.73				
20	64QAM	50	50	20.62	20.44	20.61	20.69	20.65				
20	64QAM	100	0	20.57	20.46	20.60	20.71	20.70				
Channel				39725	40173	40620	41068	41515			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	22.80	22.87	22.89	22.72	22.68				
15	QPSK	1	37	22.69	22.74	22.81	22.69	22.54				
15	QPSK	1	74	22.70	22.74	22.85	22.61	22.58				
15	QPSK	36	0	22.18	22.19	22.29	22.10	22.05				
15	QPSK	36	20	22.13	22.22	22.29	22.10	22.05				
15	QPSK	36	39	22.05	22.13	22.32	22.07	22.10				
15	QPSK	75	0	22.20	22.18	22.19	22.09	22.10				
15	16QAM	1	0	22.16	22.18	22.33	22.26	22.02				
15	16QAM	1	37	22.07	22.12	22.23	22.09	22.03				
15	16QAM	1	74	22.08	22.13	22.24	22.04	22.08				
15	16QAM	36	0	21.44	21.24	21.69	21.65	21.82				
15	16QAM	36	20	21.42	21.33	21.61	21.65	21.70				
15	16QAM	36	39	21.60	21.37	21.61	21.67	21.67				
15	16QAM	75	0	21.58	21.36	21.68	21.62	21.71				
15	64QAM	1	0	21.21	21.07	21.21	21.24	21.46				
15	64QAM	1	37	21.26	21.11	21.21	21.24	21.46				
15	64QAM	1	74	21.15	21.19	21.26	21.38	21.25				
15	64QAM	36	0	20.49	20.29	20.49	20.61	20.84				
15	64QAM	36	20	20.44	20.31	20.51	20.66	20.69				
15	64QAM	36	39	20.50	20.43	20.56	20.66	20.53				
15	64QAM	75	0	20.49	20.35	20.50	20.65	20.69	21.5	2.5		
Channel				39700	40160	40620	41080	41540			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2686	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	22.78	22.79	22.89	22.78	22.70				
10	QPSK	1	25	22.63	22.81	22.84	22.62	22.54				
10	QPSK	1	49	22.68	22.75	22.88	22.60	22.58				
10	QPSK	25	0	22.23	22.22	22.36	22.28	22.09				
10	QPSK	25	12	22.11	22.20	22.28	22.09	22.00				
10	QPSK	25	25	22.09	22.15	22.35	22.07	22.05				
10	QPSK	50	0	22.02	22.28	22.28	22.10	22.14				
10	16QAM	1	0	22.10	22.23	22.32	22.24	21.92				
10	16QAM	1	25	22.04	22.17	22.23	22.10	21.83				
10	16QAM	1	49	22.06	22.15	22.22	22.12	21.99				
10	16QAM	25	0	21.46	21.28	21.68	21.56	21.85				
10	16QAM	25	12	21.50	21.31	21.64	21.67	21.69				
10	16QAM	25	25	21.54	21.38	21.62	21.71	21.64				
10	16QAM	50	0	21.54	21.36	21.65	21.65	21.65				
10	64QAM	1	0	21.19	21.04	21.25	21.25	21.43				
10	64QAM	1	25	21.26	21.01	21.29	21.44	21.45				
10	64QAM	1	49	21.21	21.28	21.23	21.41	21.23				
10	64QAM	25	0	20.43	20.27	20.58	20.62	20.80				
10	64QAM	25	12	20.52	20.39	20.57	20.60	20.62				
10	64QAM	25	25	20.50	20.42	20.49	20.64	20.61				
10	64QAM	50	0	20.55	20.42	20.50	20.65	20.61	21.5	2.5		
Channel				39675	40146	40620	41093	41566			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.79	22.88	22.85	22.80	22.70				
5	QPSK	1	12	22.72	22.72	22.86	22.72	22.62				
5	QPSK	1	24	22.69	22.81	22.90	22.66	22.59				
5	QPSK	12	0	22.19	22.21	22.34	22.27	22.16				
5	QPSK	12	13	22.14	22.22	22.34	22.09	22.05				
5	QPSK	12	19	22.04	22.18	22.30	22.15	22.11				
5	QPSK	25	0	22.21	22.20	22.20	22.07	22.06				
5	16QAM	1	0	22.19	22.20	22.27	22.16	22.02				
5	16QAM	1	12	22.01	22.14	22.25	22.14	21.97				
5	16QAM	1	24	21.98	22.08	22.28	22.07	21.99				
5	16QAM	12	0	21.48	21.34	21.59	21.67	21.83				
5	16QAM	12	7	21.46	21.34	21.70	21.63	21.66				
5	16QAM	12	13	21.59	21.44	21.58	21.73	21.59				
5	16QAM	25	0	21.51	21.32	21.71	21.54	21.68				
5	64QAM	1	0	21.26	21.01	21.21	21.28	21.47				
5	64QAM	1	12	21.21	21.11	21.38	21.39	21.37				
5	64QAM	1	24	21.23	21.30	21.28	21.39	21.15				
5	64QAM	12	0	20.54	20.28	20.48	20.58	20.84				
5	64QAM	12	7	20.51	20.37	20.50	20.60	20.69				
5	64QAM	12	13	20.59	20.39	20.59	20.66	20.60				
5	64QAM	25	0	20.45	20.37	20.51	20.63	20.65				

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Power High Ch. / Freq	Turn-up limit (dbm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.35	23.41	23.44	23.33	23.28	24.2	0	
20	QPSK	1	49	23.23	23.35	23.38	23.30	23.19			
20	QPSK	1	99	23.28	23.39	23.43	23.22	23.27			
20	QPSK	50	0	23.28	23.36	23.43	23.25	23.23			
20	QPSK	50	24	23.15	23.25	23.29	23.27	23.16	24.2	0	
20	QPSK	50	50	23.16	23.27	23.32	23.19	23.17			
20	QPSK	100	0	23.25	23.31	23.33	23.22	23.22			
20	16QAM	1	0	23.24	23.25	23.37	23.22	23.17			
20	16QAM	1	49	23.10	23.24	23.22	23.23	23.15	24.2	0	
20	16QAM	1	99	23.14	23.19	23.23	23.16	23.12			
20	16QAM	50	0	23.16	22.96	23.09	22.95	23.23			
20	16QAM	50	24	23.23	22.97	23.11	23.00	23.16			
20	16QAM	50	50	23.28	23.08	23.08	22.90	23.11	23.7	0.5	
20	16QAM	100	0	23.19	23.05	23.07	22.86	23.12			
20	64QAM	1	0	23.00	22.65	22.89	22.55	22.90			
20	64QAM	1	49	23.01	22.73	22.84	22.60	22.96			
20	64QAM	1	99	22.92	22.85	22.74	22.67	22.79	23.7	0.5	
20	64QAM	50	0	22.14	21.95	22.07	21.89	22.17			
20	64QAM	50	24	22.29	21.96	22.10	21.95	22.19			
20	64QAM	50	50	22.31	22.07	22.09	21.94	22.13			
20	64QAM	100	0	22.26	21.98	22.04	21.94	22.20	22.7	1.5	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.23	23.32	23.37	23.30	23.17	24.2	0	
15	QPSK	1	37	23.21	23.30	23.27	23.23	23.17			
15	QPSK	1	74	23.26	23.27	23.34	23.18	23.21			
15	QPSK	36	0	23.20	23.30	23.33	23.26	23.18			
15	QPSK	36	20	23.07	23.20	23.24	23.21	23.13	24.2	0	
15	QPSK	36	39	23.12	23.20	23.33	23.15	23.16			
15	QPSK	75	0	23.13	23.22	23.30	23.16	23.14			
15	16QAM	1	0	23.20	23.21	23.36	23.20	23.12			
15	16QAM	1	37	23.01	23.16	23.16	23.21	23.06	24.2	0	
15	16QAM	1	74	23.12	23.09	23.22	23.11	23.00			
15	16QAM	36	0	23.07	22.84	23.07	22.94	23.16			
15	16QAM	36	20	23.13	22.94	23.01	22.88	23.10			
15	16QAM	36	39	23.24	22.99	23.07	22.82	23.00	23.7	0.5	
15	16QAM	75	0	23.09	22.94	23.00	22.76	23.04			
15	64QAM	1	0	22.94	22.56	22.87	22.52	22.87			
15	64QAM	1	37	22.99	22.64	22.75	22.58	22.92			
15	64QAM	1	74	22.84	22.77	22.89	22.58	22.77	23.7	0.5	
15	64QAM	36	0	22.11	21.84	21.99	21.83	22.06			
15	64QAM	36	20	22.17	21.92	22.06	21.89	22.09			
15	64QAM	36	39	22.22	22.04	21.99	21.92	22.05			
15	64QAM	75	0	22.18	21.97	21.96	21.82	22.11	22.7	1.5	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.26	23.34	23.32	23.23	23.20	24.2	0	
10	QPSK	1	25	23.15	23.27	23.28	23.21	23.13			
10	QPSK	1	49	23.20	23.35	23.39	23.19	23.16			
10	QPSK	25	0	23.27	23.24	23.34	23.26	23.19			
10	QPSK	25	12	23.13	23.22	23.21	23.26	23.13	24.2	0	
10	QPSK	25	25	23.04	23.20	23.25	23.11	23.07			
10	QPSK	50	0	23.23	23.20	23.26	23.13	23.21			
10	16QAM	1	0	23.22	23.20	23.32	23.11	23.12			
10	16QAM	1	25	22.98	23.21	23.18	23.11	23.10	24.2	0	
10	16QAM	1	49	23.07	23.17	23.15	23.15	23.06			
10	16QAM	25	0	23.12	22.87	23.02	22.89	23.17			
10	16QAM	25	12	23.13	22.85	23.00	22.99	23.04			
10	16QAM	25	25	23.23	23.04	22.97	22.84	23.08	23.7	0.5	
10	16QAM	50	0	23.15	22.98	22.99	22.79	23.00			
10	64QAM	1	0	22.81	22.59	22.81	22.50	22.88			
10	64QAM	1	25	22.97	22.69	22.82	22.49	22.88			
10	64QAM	1	49	22.83	22.82	22.68	22.63	22.72	22.7	1.5	
10	64QAM	25	0	22.03	21.86	22.01	21.81	22.09			
10	64QAM	25	12	22.24	21.87	22.00	21.84	22.08			
10	64QAM	25	25	22.25	21.98	22.07	21.92	22.12			
10	64QAM	50	0	22.16	21.87	21.92	21.92	22.15	Tune-up limit (dbm) MPR (dB)		
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.31	23.37	23.36	23.22	23.21	24.2	0	
5	QPSK	1	12	23.21	23.25	23.27	23.26	23.08			
5	QPSK	1	24	23.20	23.37	23.38	23.11	23.15			
5	QPSK	12	0	23.16	23.29	23.39	23.23	23.20			
5	QPSK	12	7	23.08	23.16	23.20	23.26	23.15	24.2	0	
5	QPSK	12	13	23.12	23.15	23.25	23.10	23.10			
5	QPSK	25	0	23.21	23.27	23.32	23.21	23.20			
5	16QAM	1	0	23.14	23.24	23.35	23.16	23.06			
5	16QAM	1	12	23.04	23.14	23.13	23.11	23.09	24.2	0	
5	16QAM	1	24	23.07	23.14	23.19	23.08	23.04			
5	16QAM	12	0	23.04	22.87	22.99	22.83	23.22			
5	16QAM	12	7	23.13	22.90	23.05	22.93	23.15			
5	16QAM	12	13	23.19	23.01	23.04	22.89	23.06	23.7	0.5	
5	16QAM	25	0	23.17	22.93	22.95	22.81	23.04			
5	64QAM	1	0	22.92	22.58	22.82	22.54	22.79			
5	64QAM	1	12	22.91	22.70	22.77	22.54	22.84			
5	64QAM	1	24	22.86	22.79	22.65	22.62	22.72	22.7	1.5	
5	64QAM	12	0	22.07	21.83	21.95	21.84	22.06			
5	64QAM	12	7	22.27	21.85	22.07	21.87	22.16			
5	64QAM	12	13	22.28	22.02	22.02	21.89	22.01			
5	64QAM	25	0	22.16	21.87	21.93	21.91	22.08	Tune-up limit (dbm) MPR (dB)		

Band 42_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				42190	42590	42990					
Frequency (MHz)				3460	3500	3540					
20	QPSK	1	0	21.37	21.42	21.20	22.5	0			
20	QPSK	1	49	21.29	21.32	21.07					
20	QPSK	1	99	21.22	21.28	21.05					
20	QPSK	50	0	21.31	21.35	21.10					
20	QPSK	50	24	21.27	21.29	21.05	22.5	0			
20	QPSK	50	50	21.26	21.33	21.03					
20	QPSK	100	0	21.27	21.31	21.15					
20	16QAM	1	0	21.31	21.31	21.13					
20	16QAM	1	49	21.25	21.31	21.09	22.5	0			
20	16QAM	1	99	21.32	21.36	21.12					
20	16QAM	50	0	21.28	21.31	21.11					
20	16QAM	50	24	21.30	21.32	21.13					
20	16QAM	50	50	21.29	21.35	21.08	22.5	0			
20	16QAM	100	0	21.29	21.31	21.11					
20	64QAM	1	0	21.26	21.31	21.13					
20	64QAM	1	49	21.28	21.27	21.10					
20	64QAM	1	99	21.23	21.27	21.12	22.5	0			
20	64QAM	50	0	20.62	20.67	20.85					
20	64QAM	50	24	20.56	20.66	20.86					
20	64QAM	50	50	20.57	20.67	20.88					
20	64QAM	100	0	20.64	20.65	20.84	22	0.5			
Channel				42165	42590	43015				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5					
15	QPSK	1	0	21.29	21.28	21.11				22.5	0
15	QPSK	1	37	21.20	21.24	20.94					
15	QPSK	1	74	21.09	21.20	20.98					
15	QPSK	36	0	21.22	21.30	21.00					
15	QPSK	36	20	21.16	21.14	20.96	22.5	0			
15	QPSK	36	39	21.11	21.27	20.94					
15	QPSK	75	0	21.20	21.23	21.02					
15	16QAM	1	0	21.25	21.24	21.04					
15	16QAM	1	37	21.12	21.26	21.04	22.5	0			
15	16QAM	1	74	21.26	21.30	21.00					
15	16QAM	36	0	21.18	21.21	20.99					
15	16QAM	36	20	21.18	21.18	21.00					
15	16QAM	36	39	21.21	21.30	20.94	22.5	0			
15	16QAM	75	0	21.15	21.18	21.04					
15	64QAM	1	0	21.20	21.25	21.03					
15	64QAM	1	37	21.17	21.14	21.05					
15	64QAM	1	74	21.10	21.19	21.05	22.5	0			
15	64QAM	36	0	20.48	20.49	20.67					
15	64QAM	36	20	20.38	20.52	20.70					
15	64QAM	36	39	20.38	20.55	20.72					
15	64QAM	75	0	20.42	20.53	20.70	22	0.5			
Channel				42140	42590	43040				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545					
10	QPSK	1	0	21.30	21.29	21.14				22.5	0
10	QPSK	1	25	21.18	21.24	20.92					
10	QPSK	1	49	21.13	21.14	20.96					
10	QPSK	25	0	21.23	21.24	21.02					
10	QPSK	25	12	21.18	21.14	20.91	22.5	0			
10	QPSK	25	25	21.18	21.27	20.89					
10	QPSK	50	0	21.22	21.18	21.01					
10	QPSK	1	0	21.19	21.24	21.08					
10	16QAM	1	25	21.13	21.17	21.03	22.5	0			
10	16QAM	1	49	21.17	21.29	20.98					
10	16QAM	25	0	21.19	21.22	21.00					
10	16QAM	25	12	21.20	21.22	21.05					
10	16QAM	25	25	21.14	21.26	20.94	22.5	0			
10	16QAM	50	0	21.18	21.22	20.96					
5	64QAM	1	25	21.13	21.20	21.05					
5	64QAM	1	49	21.13	21.22	20.99					
10	64QAM	25	0	20.48	20.54	20.72	22	0.5			
10	64QAM	25	12	20.36	20.53	20.70					
10	64QAM	25	25	20.40	20.54	20.75					
10	64QAM	50	0	20.44	20.46	20.68					
Channel				42115	42590	43035	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3452.5	3500	3547.5					
5	QPSK	1	0	21.29	21.27	21.06	22.5	0			
5	QPSK	1	12	21.16	21.21	20.92					
5	QPSK	1	24	21.09	21.17	20.99					
5	QPSK	12	0	21.20	21.29	20.97					
5	QPSK	12	7	21.20	21.15	20.97	22.5	0			
5	QPSK	12	13	21.16	21.18	20.97					
5	QPSK	24	0	21.17	21.20	21.02					
5	16QAM	1	0	21.16	21.17	21.00					
5	16QAM	1	12	21.13	21.24	20.95	22.5	0			
5	16QAM	1	24	21.20	21.24	21.01					
5	16QAM	12	0	21.17	21.23	21.03					
5	16QAM	12	7	21.19	21.23	21.01					
5	16QAM	12	13	21.16	21.21	20.98	22.5	0			
5	16QAM	25	0	21.20	21.22	21.02					
5	64QAM	1	0	21.11	21.26	21.03					
5	64QAM	1	12	21.23	21.12	20.98					
5	64QAM	1	24	21.17	21.18	21.04	22	0.5			
5	64QAM	12	0	20.50	20.50	20.64					
5	64QAM	12	7	20.34	20.54	20.67					
5	64QAM	12	13	20.37	20.47	20.73					
5	64QAM	25	0	20.44	20.44	20.57					

Band 42 _Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	23	0	
20	QPSK	1	0	21.93	22.06	22.01			
20	QPSK	1	49	21.85	22.03	21.91			
20	QPSK	1	99	21.87	22.00	22.00			
20	QPSK	50	0	21.89	22.03	21.93			
20	QPSK	50	24	21.77	21.96	21.81			
20	QPSK	50	50	21.77	21.90	21.89			
20	QPSK	100	0	21.78	21.99	21.89			
20	16QAM	1	0	21.91	21.97	21.97			
20	16QAM	1	49	21.83	21.92	21.82			
20	16QAM	1	99	21.85	21.95	21.92			
20	16QAM	50	0	21.80	21.91	21.82			
20	16QAM	50	24	21.68	21.92	21.77			
20	16QAM	50	50	21.85	21.93	21.83			
20	16QAM	100	0	21.71	21.97	21.80			
20	64QAM	1	0	21.86	21.97	21.94			
20	64QAM	1	49	21.75	21.92	21.82			
20	64QAM	1	99	21.85	21.97	21.91			
20	64QAM	50	0	21.79	21.94	21.86			
20	64QAM	50	24	21.70	21.85	21.73			
20	64QAM	50	50	21.73	21.79	21.79			
20	64QAM	100	0	21.74	21.91	21.82			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5	23	0	
15	QPSK	1	0	21.88	22.00	21.89			
15	QPSK	1	37	21.74	21.96	21.83			
15	QPSK	1	74	21.85	21.97	21.93			
15	QPSK	36	0	21.85	21.92	21.82			
15	QPSK	36	20	21.67	21.94	21.77			
15	QPSK	36	39	21.76	21.86	21.82			
15	QPSK	75	0	21.72	21.88	21.80			
15	16QAM	1	0	21.81	21.86	21.89			
15	16QAM	1	37	21.73	21.82	21.75			
15	16QAM	1	74	21.76	21.87	21.88			
15	16QAM	36	0	21.76	21.88	21.72			
15	16QAM	36	20	21.61	21.84	21.71			
15	16QAM	36	39	21.56	21.76	21.77			
15	16QAM	75	0	21.69	21.93	21.72			
15	64QAM	1	0	21.76	21.91	21.93			
15	64QAM	1	37	21.68	21.90	21.72			
15	64QAM	1	74	21.77	21.93	21.80			
15	64QAM	36	0	21.76	21.87	21.75			
15	64QAM	36	20	21.63	21.81	21.69			
15	64QAM	36	39	21.71	21.74	21.76			
15	64QAM	75	0	21.69	21.86	21.79			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545	23	0	
10	QPSK	1	0	21.84	21.96	21.94			
10	QPSK	1	25	21.79	21.96	21.82			
10	QPSK	1	49	21.78	21.95	21.91			
10	QPSK	25	0	21.88	21.94	21.87			
10	QPSK	25	12	21.66	21.92	21.70			
10	QPSK	25	25	21.71	21.81	21.84			
10	QPSK	50	0	21.72	21.98	21.77			
10	16QAM	1	0	21.81	21.85	21.93			
10	16QAM	1	25	21.80	21.87	21.73			
10	16QAM	1	49	21.79	21.88	21.82			
10	16QAM	25	0	21.71	21.89	21.81			
10	16QAM	25	12	21.57	21.84	21.68			
10	16QAM	25	25	21.60	21.78	21.82			
10	16QAM	50	0	21.70	21.85	21.74			
10	64QAM	1	0	21.75	21.89	21.83			
10	64QAM	1	25	21.73	21.82	21.78			
10	64QAM	1	49	21.64	21.85	21.89			
10	64QAM	25	0	21.67	21.87	21.79			
10	64QAM	25	12	21.66	21.76	21.64			
10	64QAM	25	25	21.70	21.68	21.69			
10	64QAM	50	0	21.73	21.83	21.80			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5	23	0	
5	QPSK	1	0	21.88	21.97	21.96			
5	QPSK	1	12	21.76	21.93	21.80			
5	QPSK	1	24	21.80	21.97	21.90			
5	QPSK	12	0	21.81	21.92	21.87			
5	QPSK	12	7	21.70	21.93	21.69			
5	QPSK	12	13	21.68	21.78	21.79			
5	QPSK	25	0	21.69	21.92	21.84			
5	16QAM	1	0	21.80	21.88	21.90			
5	16QAM	1	12	21.78	21.90	21.76			
5	16QAM	1	24	21.79	21.86	21.84			
5	16QAM	12	0	21.70	21.90	21.80			
5	16QAM	12	7	21.56	21.85	21.76			
5	16QAM	12	13	21.59	21.77	21.80			
5	16QAM	25	0	21.68	21.90	21.74			
5	64QAM	1	0	21.81	21.94	21.83			
5	64QAM	1	12	21.71	21.89	21.81			
5	64QAM	1	24	21.79	21.86	21.83			
5	64QAM	12	0	21.76	21.90	21.80			
5	64QAM	12	7	21.65	21.75	21.70			
5	64QAM	12	13	21.70	21.70	21.72			
5	64QAM	25	0	21.62	21.89	21.78			

Band 42_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	21.5	0	
20	QPSK	1	0	19.82	19.99	19.95			
20	QPSK	1	49	19.77	19.88	19.90			
20	QPSK	1	99	19.77	19.88	19.93			
20	QPSK	50	0	19.74	19.96	19.94			
20	QPSK	50	24	19.68	19.83	19.82			
20	QPSK	50	50	19.71	19.87	19.85			
20	QPSK	100	0	19.65	19.93	19.92			
20	16QAM	1	0	19.78	19.95	19.94			
20	16QAM	1	49	19.68	19.77	19.80			
20	16QAM	1	99	19.74	19.85	19.91			
20	16QAM	50	0	19.66	19.92	19.88			
20	16QAM	50	24	19.64	19.72	19.72			
20	16QAM	50	50	19.69	19.86	19.80			
20	16QAM	100	0	19.63	19.81	19.80			
20	64QAM	1	0	19.79	19.97	19.97			
20	64QAM	1	49	19.69	19.81	19.80			
20	64QAM	1	99	19.66	19.81	19.85			
20	64QAM	50	0	19.67	19.89	19.84			
20	64QAM	50	24	19.64	19.84	19.70			
20	64QAM	50	50	19.60	19.83	19.82			
20	64QAM	100	0	19.64	19.82	19.88			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.72	19.93	19.84	21.5	0	
15	QPSK	1	37	19.74	19.87	19.85			
15	QPSK	1	74	19.75	19.81	19.87			
15	QPSK	36	0	19.66	19.83	19.83			
15	QPSK	36	20	19.56	19.73	19.81			
15	QPSK	36	39	19.62	19.86	19.75			
15	QPSK	75	0	19.58	19.82	19.85			
15	16QAM	1	0	19.76	19.83	19.92			
15	16QAM	1	37	19.65	19.65	19.73			
15	16QAM	1	74	19.65	19.80	19.89			
15	16QAM	36	0	19.62	19.84	19.82			
15	16QAM	36	20	19.54	19.66	19.71			
15	16QAM	36	39	19.57	19.78	19.72			
15	16QAM	75	0	19.53	19.72	19.77			
15	64QAM	1	0	19.75	19.90	19.73			
15	64QAM	1	37	19.68	19.75	19.74			
15	64QAM	1	74	19.59	19.74	19.74			
15	64QAM	36	0	19.55	19.78	19.81			
15	64QAM	36	20	19.54	19.74	19.65			
15	64QAM	36	39	19.57	19.72	19.70			
15	64QAM	75	0	19.52	19.71	19.87			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.73	19.94	19.85	21.5	0	
10	QPSK	1	25	19.76	19.77	19.76			
10	QPSK	1	49	19.74	19.78	19.91			
10	QPSK	25	0	19.69	19.89	19.93			
10	QPSK	25	12	19.67	19.82	19.71			
10	QPSK	25	25	19.63	19.77	19.82			
10	QPSK	50	0	19.56	19.87	19.86			
10	16QAM	1	0	19.69	19.94	19.89			
10	16QAM	1	25	19.64	19.70	19.68			
10	16QAM	1	49	19.71	19.83	19.79			
10	16QAM	25	0	19.61	19.82	19.87			
10	16QAM	25	12	19.57	19.69	19.65			
10	16QAM	25	25	19.61	19.76	19.79			
10	16QAM	50	0	19.57	19.74	19.72			
10	64QAM	1	0	19.68	19.85	19.72			
10	64QAM	1	25	19.68	19.74	19.71			
10	64QAM	1	49	19.57	19.78	19.76			
10	64QAM	25	0	19.61	19.84	19.81			
10	64QAM	25	12	19.58	19.78	19.68			
10	64QAM	25	25	19.58	19.80	19.76			
10	64QAM	50	0	19.55	19.75	19.83			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.70	19.96	19.85	21.5	0	
5	QPSK	1	12	19.70	19.85	19.85			
5	QPSK	1	24	19.70	19.85	19.81			
5	QPSK	12	0	19.65	19.91	19.88			
5	QPSK	12	7	19.62	19.80	19.76			
5	QPSK	12	13	19.63	19.80	19.81			
5	QPSK	25	0	19.58	19.87	19.91			
5	16QAM	1	0	19.69	19.93	19.90			
5	16QAM	1	12	19.61	19.75	19.70			
5	16QAM	1	24	19.70	19.79	19.87			
5	16QAM	12	0	19.56	19.81	19.78			
5	16QAM	12	7	19.55	19.62	19.68			
5	16QAM	12	13	19.68	19.84	19.71			
5	16QAM	25	0	19.62	19.74	19.69			
5	64QAM	1	0	19.78	19.95	19.72			
5	64QAM	1	12	19.63	19.73	19.71			
5	64QAM	1	24	19.55	19.71	19.74			
5	64QAM	12	0	19.66	19.77	19.76			
5	64QAM	12	7	19.56	19.64	19.61			
5	64QAM	12	13	19.55	19.75	19.81			
5	64QAM	25	0	19.56	19.81	19.86			

Band 42_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	18	0	
20	QPSK	1	0	16.87	16.95	16.90			
20	QPSK	1	49	16.75	16.89	16.89			
20	QPSK	1	99	16.82	16.84	16.86			
20	QPSK	50	0	16.79	16.86	16.85			
20	QPSK	50	24	16.78	16.83	16.83			
20	QPSK	50	50	16.67	16.81	16.82			
20	QPSK	100	0	16.73	16.80	16.79			
20	16QAM	1	0	16.78	16.94	16.80			
20	16QAM	1	49	16.66	16.77	16.84			
20	16QAM	1	99	16.76	16.78	16.78	18	0	
20	16QAM	50	0	16.75	16.76	16.84			
20	16QAM	50	24	16.69	16.74	16.82			
20	16QAM	50	50	16.55	16.80	16.76			
20	16QAM	100	0	16.67	16.72	16.76			
20	64QAM	1	0	16.81	16.85	16.83			
20	64QAM	1	99	16.72	16.78	16.82			
20	64QAM	1	99	16.71	16.83	16.77			
20	64QAM	50	0	16.78	16.74	16.81			
20	64QAM	50	24	16.68	16.81	16.71	18	0	
20	64QAM	50	50	16.55	16.71	16.71			
20	64QAM	100	0	16.63	16.79	16.70			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	16.75	16.87	16.86	18	0	
15	QPSK	1	37	16.66	16.82	16.80			
15	QPSK	1	74	16.71	16.77	16.84			
15	QPSK	36	0	16.77	16.81	16.75	18	0	
15	QPSK	36	20	16.76	16.76	16.74			
15	QPSK	36	39	16.58	16.79	16.73			
15	QPSK	75	0	16.82	16.68	16.69			
15	16QAM	1	0	16.68	16.92	16.75			
15	16QAM	1	37	16.55	16.67	16.74	18	0	
15	16QAM	1	74	16.74	16.71	16.71			
15	16QAM	36	0	16.71	16.68	16.72			
15	16QAM	36	20	16.64	16.67	16.77	18	0	
15	16QAM	36	39	16.48	16.77	16.75			
15	16QAM	75	0	16.59	16.65	16.70			
15	64QAM	1	0	16.78	16.74	16.76			
15	64QAM	1	37	16.64	16.75	16.77			
15	64QAM	1	74	16.64	16.78	16.75	18	0	
15	64QAM	36	0	16.77	16.64	16.80			
15	64QAM	36	20	16.57	16.78	16.69			
15	64QAM	36	39	16.45	16.70	16.65			
15	64QAM	75	0	16.62	16.76	16.69			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	16.82	16.89	16.78	18	0	
10	QPSK	1	25	16.66	16.82	16.82			
10	QPSK	1	49	16.78	16.74	16.84			
10	QPSK	25	0	16.68	16.85	16.75	18	0	
10	QPSK	25	12	16.71	16.78	16.74			
10	QPSK	25	25	16.56	16.69	16.79			
10	QPSK	50	0	16.65	16.79	16.77			
10	16QAM	1	0	16.68	16.93	16.76			
10	16QAM	1	25	16.64	16.69	16.74	18	0	
10	16QAM	1	49	16.73	16.75	16.69			
10	16QAM	25	0	16.67	16.65	16.72			
10	16QAM	25	12	16.59	16.68	16.75			
10	16QAM	25	25	16.49	16.71	16.69			
10	16QAM	50	0	16.64	16.68	16.66	18	0	
10	64QAM	1	0	16.77	16.77	16.79			
10	64QAM	1	25	16.66	16.70	16.72			
10	64QAM	1	49	16.67	16.72	16.71			
10	64QAM	25	0	16.77	16.66	16.73			
10	64QAM	25	12	16.58	16.77	16.59	18	0	
10	64QAM	25	25	16.44	16.61	16.67			
10	64QAM	50	0	16.53	16.73	16.64			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.5	3500	3547.5			
5	QPSK	1	0	16.80	16.88	16.78	18	0	
5	QPSK	1	12	16.85	16.84	16.86			
5	QPSK	1	24	16.73	16.83	16.76			
5	QPSK	12	0	16.70	16.83	16.84	18	0	
5	QPSK	12	7	16.77	16.73	16.74			
5	QPSK	12	13	16.56	16.78	16.76			
5	QPSK	25	0	16.62	16.70	16.78			
5	16QAM	1	0	16.72	16.92	16.70			
5	16QAM	1	12	16.59	16.73	16.80	18	0	
5	16QAM	1	24	16.67	16.66	16.71			
5	16QAM	12	0	16.64	16.70	16.83			
5	16QAM	12	7	16.60	16.65	16.71			
5	16QAM	12	13	16.48	16.70	16.66			
5	16QAM	25	0	16.61	16.64	16.64	18	0	
5	64QAM	1	0	16.75	16.75	16.71			
5	64QAM	1	12	16.69	16.74	16.72			
5	64QAM	1	24	16.63	16.81	16.73			
5	64QAM	12	0	16.71	16.66	16.75			
5	64QAM	12	7	16.58	16.74	16.70	18	0	
5	64QAM	12	13	16.50	16.61	16.60			
5	64QAM	25	0	16.51	16.72	16.67			



DSI 3 Power

		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
GSM850_Ant 0		128	189	251		128	189	251	
TX Channel		824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)									
GSM 1 Tx slot	32.82	32.88	32.87	34.00		23.82	23.88	23.87	25.00
GPRS 1 Tx slot	32.84	32.92	32.90	34.00		23.84	23.92	23.90	25.00
GPRS 2 Tx slots	29.89	29.96	30.05	31.00		23.89	23.96	24.05	25.00
GPRS 3 Tx slots	28.11	28.15	28.24	29.20		23.85	23.89	23.98	24.94
GPRS 4 Tx slots	26.76	26.78	26.74	28.00		23.76	23.78	23.74	25.00
EDGE 1 Tx slot	27.15	27.12	27.31	28.00		18.15	18.12	18.31	19.00
EDGE 2 Tx slots	24.22	24.24	24.35	25.00		18.22	18.24	18.35	19.00
EDGE 3 Tx slots	22.42	22.33	22.43	23.20		18.16	18.07	18.17	18.94
EDGE 4 Tx slots	21.05	21.12	21.13	22.00		18.05	18.12	18.13	19.00

		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
GSM850_Ant 1		128	189	251		128	189	251	
TX Channel		824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)									
GSM 1 Tx slot	32.21	32.26	32.26	33.50		23.21	23.26	23.26	24.50
GPRS 1 Tx slot	32.25	32.30	32.32	33.50		23.25	23.30	23.32	24.50
GPRS 2 Tx slots	29.33	29.35	29.38	30.50		23.33	23.35	23.38	24.50
GPRS 3 Tx slots	27.54	27.55	27.58	28.70		23.28	23.29	23.32	24.44
GPRS 4 Tx slots	26.18	26.23	26.21	27.50		23.18	23.23	23.21	24.50
EDGE 1 Tx slot	26.63	26.44	26.64	27.50		17.63	17.44	17.64	18.50
EDGE 2 Tx slots	23.72	23.70	23.65	24.50		17.72	17.70	17.65	18.50
EDGE 3 Tx slots	21.95	22.03	22.00	22.70		17.69	17.77	17.74	18.44
EDGE 4 Tx slots	20.48	20.59	20.63	21.50		17.48	17.59	17.63	18.50

		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
GSM1900_Ant 1		512	681	810		512	681	810	
TX Channel		1850.2	1860	1869.8		1850.2	1860	1869.8	
Frequency (MHz)									
GSM 1 Tx slot	28.78	29.79	28.85	30.00		19.78	20.79	19.85	21.00
GPRS 1 Tx slot	28.86	28.87	28.70	30.00		19.86	19.87	19.70	21.00
GPRS 2 Tx slots	25.86	25.80	25.66	27.00		19.86	19.80	19.66	21.00
GPRS 3 Tx slots	24.04	23.96	23.85	25.20		19.78	19.70	19.59	20.94
GPRS 4 Tx slots	22.58	22.70	22.49	24.00		19.58	19.70	19.49	21.00
EDGE 1 Tx slot	24.88	25.14	25.12	26.00		15.88	16.14	16.12	17.00
EDGE 2 Tx slots	21.71	21.72	22.04	23.00		15.71	15.72	16.04	17.00
EDGE 3 Tx slots	19.67	19.70	19.87	21.20		15.41	15.44	15.61	16.94
EDGE 4 Tx slots	18.00	18.18	18.28	20.00		15.00	15.18	15.28	17.00

		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
GSM1900_Ant 2		512	681	810		512	681	810	
TX Channel		1850.2	1860	1869.8		1850.2	1860	1869.8	
Frequency (MHz)									
GSM 1 Tx slot	30.10	30.15	29.98	31.00		21.10	21.15	20.98	22.00
GPRS 1 Tx slot	30.13	30.18	30.00	31.00		21.13	21.18	21.00	22.00
GPRS 2 Tx slots	27.16	27.15	27.02	28.00		21.16	21.15	21.02	22.00
GPRS 3 Tx slots	25.34	25.35	25.26	26.20		21.08	21.09	21.00	21.94
GPRS 4 Tx slots	24.03	24.05	23.93	25.00		21.03	21.05	20.93	22.00
EDGE 1 Tx slot	26.28	26.54	26.48	27.00		17.28	17.54	17.48	18.00
EDGE 2 Tx slots	23.14	23.28	23.32	24.00		17.14	17.28	17.32	18.00
EDGE 3 Tx slots	21.02	21.24	21.17	22.20		16.76	16.98	16.91	17.94
EDGE 4 Tx slots	19.22	19.44	19.55	21.00		16.22	16.44	16.55	18.00

		WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
Band		9262	9400	9538		9262	9400	9538	
TX Channel		9662	9800	9938		9662	9800	9938	
Rx Channel		1852.4	1880	1907.6		1852.4	1880	1907.6	
Frequency (MHz)									
3GPP Rel 99	AMR 12.2Kbps	22.95	23.02	23.04	24.50	24.05	24.21	24.24	25.00
3GPP Rel 99	RMC 12.2Kbps	23.00	23.14	23.12	24.50	24.21	24.42	24.38	25.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.16	22.17	23.50	23.21	23.48	23.47	24.00
3GPP Rel 6	HSDPA Subtest-2	22.12	22.11	22.16	23.50	23.20	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-3	21.63	21.68	21.70	23.00	22.65	23.03	22.91	23.50
3GPP Rel 6	HSDPA Subtest-4	21.61	21.65	21.60	23.00	22.70	22.98	22.94	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.05	22.05	22.09	23.50	23.09	23.46	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.06	22.05	22.12	23.50	23.13	23.42	23.32	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.55	21.62	21.68	23.00	22.57	22.97	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.59	21.53	21.53	23.00	22.65	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-1	21.85	21.91	21.90	23.50	23.01	23.04	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	21.76	21.87	21.85	23.50	23.09	23.13	23.10	24.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.44	21.42	23.00	22.52	22.63	22.58	23.50
3GPP Rel 6	HSUPA Subtest-4	21.92	21.95	21.98	23.50	23.01	23.05	23.04	24.00
3GPP Rel 6	HSUPA Subtest-5	21.00	21.03	21.02	22.50	21.94	22.00	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.89	20.07	20.01	21.50	21.21	21.32	21.24	22.00

		WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
Band		1312	1413	1513		1312	1413	1513	
TX Channel		1537	1638	1738		1537	1638	1738	
Rx Channel		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
Frequency (MHz)									
3GPP Rel 99	AMR 12.2Kbps	23.00	23.01	23.05	24.50	24.32	24.27	24.35	25.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.11	23.09	24.50	24.42	24.47	24.45	25.00
3GPP Rel 6	HSDPA Subtest-1	22.03	22.04	22.02	23.50	23.47	23.50	23.45	24.00
3GPP Rel 6	HSDPA Subtest-2	22.00	22.05	22.04	23.50	23.46	23.51	23.48	24.00
3GPP Rel 6	HSDPA Subtest-3	21.54	21.56	21.55	23.00	23.01	23.00	22.94	23.50
3GPP Rel 6	HSDPA Subtest-4	21.52	21.52	21.54	23.00	23.02	22.95	22.86	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.00	21.95	21.90	24.00	23.42	23.48	23.42	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	21.97	21.92	24.00	23.41	23.46	23.47	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.45	21.47	21.49	23.50	22.99	22.94	22.83	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.45	21.48	23.50	22.98	22.93	22.81	24.00
3GPP Rel 6	HSUPA Subtest-1	21.71	21.79	21.75	23.50	23.24	23.27	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.73	21.77	21.75	23.50	23.22	23.26	23.20	24.00
3GPP Rel 6	HSUPA Subtest-3	21.22	21.27	21.25	23.00	22.63	22.74	22.70	23.50
3GPP Rel 6	HSUPA Subtest-4	21.74	21.79	21.76	23.50	23.17	23.24	23.18	24.00
3GPP Rel 6	HSUPA Subtest-5	20.72	20.77	20.75	22.50	22.20	22.25	22.23	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.98	19.88	21.50	21.11	21.20	21.03	22.00

		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
Band		4132	4182	4233		4132	4182	4233	
TX Channel		4357	4407	4458		4357	4407	4458	
Rx Channel		826.4	836.4	846.6		826.4	836.4	846.6	
Frequency (MHz)									
3GPP Rel 99	AMR 12.2Kbps	24.00	24.05	23.99	25.00	23.12	23.22	23.18	25.00
3GPP Rel 99	RMC 12.2Kbps	24.06	24.09	24.01	25.00	23.34	23.38	23.32	25.00
3GPP Rel 6	HSDPA Subtest-1	23.08	23.05	23.20	24.00	22.38	22.34	22.46	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.04	23.18	24.00	22.35	22.25	22.44	24.00
3GPP Rel 6	HSDPA Subtest-3	22.61	22.56	22.68	23.50	21.86	21.84	22.02	23.50
3GPP Rel 6	HSDPA Subtest-4	22.65	22.57	22.66	23.50	21.92	21.81	22.01	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	22.94	23.15	24.50	22.26	22.31	22.41	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.01	23.01	23.11	24.50	22.28	22.15	22.42	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.52	22.44	22.64	24.00	21.77	21.78	21.94	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.56	22.65	24.00	21.84	21.72	21.90	24.00
3GPP Rel 6	HSUPA Subtest-1	23.17	23.21	23.19	24.00	22.43	22.51	22.50	24.00
3GPP Rel 6	HSUPA Subtest-2	23.15	23.18	23.18	24.00	22.43	22.51	22.49	24.00
3GPP Rel 6	HSUPA Subtest-3	22.63	22.71	22.67	23.50	22.00	22.02	21.95	23.50
3GPP Rel 6	HSUPA Subtest-4	23.15	23.19	23.17	24.00	22.45	22.53	22.50	24.00
3GPP Rel 6	HSUPA Subtest-5	22.15	22.18	22.17	23.00	21.46	21.50	21.44	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.13	21.06	22.00	20.41	20.56	20.72	22.00



Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.65	23.76	23.75	25	0	
20	QPSK	1	49	23.71	23.82	23.88			
20	QPSK	1	99	23.56	23.70	23.67			
20	QPSK	50	0	22.67	22.75	22.74	24	1	
20	QPSK	50	24	22.60	22.67	22.73			
20	QPSK	50	50	22.63	22.71	22.64			
20	QPSK	100	0	22.64	22.72	22.66	24	1	
20	16QAM	1	0	22.30	22.35	22.36			
20	16QAM	1	49	22.88	23.05	22.91			
20	16QAM	1	99	22.85	22.89	22.91	23	2	
20	16QAM	50	0	21.57	21.73	21.78			
20	16QAM	50	24	21.62	21.73	21.67			
20	16QAM	50	50	21.64	21.71	21.62	23	2	
20	16QAM	100	0	21.60	21.70	21.67			
20	64QAM	1	0	21.84	21.80	21.86			
20	64QAM	1	49	21.69	21.86	21.83	22	3	
20	64QAM	1	99	21.71	21.78	21.71			
20	64QAM	50	0	20.61	20.77	20.81			
20	64QAM	50	24	20.65	20.79	20.69	22	3	
20	64QAM	50	50	20.64	20.77	20.67			
20	64QAM	100	0	20.68	20.77	20.71			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	23.53	23.70	23.61	25	0	
15	QPSK	1	37	23.48	23.58	23.55			
15	QPSK	1	74	23.44	23.62	23.54			
15	QPSK	36	0	22.53	22.61	22.65	24	1	
15	QPSK	36	20	22.52	22.62	22.64			
15	QPSK	36	39	22.45	22.56	22.59			
15	QPSK	75	0	22.50	22.57	22.56	24	1	
15	16QAM	1	0	22.82	22.89	22.92			
15	16QAM	1	37	22.80	22.98	22.92			
15	16QAM	1	74	22.76	22.81	22.81	23	2	
15	16QAM	36	0	21.42	21.62	21.71			
15	16QAM	36	20	21.52	21.68	21.52			
15	16QAM	36	39	21.53	21.66	21.47	22	3	
15	16QAM	75	0	21.45	21.56	21.57			
15	64QAM	1	0	21.73	21.65	21.76			
15	64QAM	1	37	21.61	21.72	21.76	22	3	
15	64QAM	1	74	21.64	21.65	21.55			
15	64QAM	36	0	20.70	20.70	20.75			
15	64QAM	36	20	20.54	20.67	20.57	22	3	
15	64QAM	36	39	20.56	20.61	20.61			
15	64QAM	75	0	20.63	20.72	20.64			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	23.52	23.65	23.65	25	0	
10	QPSK	1	25	23.42	23.64	23.62			
10	QPSK	1	49	23.45	23.60	23.62			
10	QPSK	25	0	22.52	22.66	22.65	24	1	
10	QPSK	25	12	22.52	22.57	22.67			
10	QPSK	25	25	22.57	22.62	22.55			
10	QPSK	50	0	22.52	22.57	22.60	24	1	
10	16QAM	1	0	22.64	22.64	22.64			
10	16QAM	1	25	22.78	22.72	22.82			
10	16QAM	1	49	22.79	22.76	22.86	23	2	
10	16QAM	25	0	21.50	21.58	21.65			
10	16QAM	25	12	21.56	21.63	21.58			
10	16QAM	25	25	21.57	21.62	21.53	22	3	
10	16QAM	50	0	21.54	21.64	21.55			
10	64QAM	1	0	21.52	21.51	21.77			
10	64QAM	1	25	21.54	21.74	21.73	22	3	
10	64QAM	1	49	21.66	21.71	21.61			
10	64QAM	25	0	20.52	20.66	20.67			
10	64QAM	25	12	20.53	20.67	20.61	22	3	
10	64QAM	25	25	20.55	20.56	20.55			
10	64QAM	50	0	20.50	20.60	20.62			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	23.52	23.61	23.63	25	0	
5	QPSK	1	12	23.56	23.56	23.60			
5	QPSK	1	24	23.49	23.65	23.57			
5	QPSK	12	0	22.62	22.64	22.67	24	1	
5	QPSK	12	7	22.51	22.52	22.61			
5	QPSK	12	13	22.52	22.58	22.58			
5	QPSK	25	0	22.50	22.58	22.61	24	1	
5	16QAM	1	0	22.80	22.83	22.86			
5	16QAM	1	12	22.81	22.82	22.83			
5	16QAM	1	24	22.80	22.76	22.82	23	2	
5	16QAM	12	0	21.48	21.61	21.73			
5	16QAM	12	7	21.49	21.63	21.63			
5	16QAM	12	13	21.59	21.65	21.47	22	3	
5	16QAM	25	0	21.48	21.58	21.55			
5	64QAM	1	0	21.76	21.67	21.76			
5	64QAM	1	12	21.63	21.78	21.70	22	3	
5	64QAM	1	24	21.63	21.70	21.59			
5	64QAM	12	0	20.52	20.66	20.74			
5	64QAM	12	7	20.53	20.70	20.56	22	3	
5	64QAM	12	13	20.52	20.58	20.59			
5	64QAM	25	0	20.62	20.64	20.61			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	23.56	23.61	23.66	25	0	
3	QPSK	1	8	23.54	23.61	23.60			
3	QPSK	1	14	22.56	22.68	22.65			
3	QPSK	8	0	22.45	22.61	22.65	24	1	
3	QPSK	8	7	22.56	22.61	22.54			
3	QPSK	15	0	22.57	22.60	22.53			
3	16QAM	1	0	22.75	22.83	22.84	24	1	
3	16QAM	1	8	22.76	22.84	22.82			
3	16QAM	1	14	22.77	22.77	22.84			
3	16QAM	8	0	21.42	21.60	21.64	23	2	
3	16QAM	8	4	21.48	21.65	21.60			
3	16QAM	8	7	21.58	21.64	21.51			
3	16QAM	15	0	21.48	21.65	21.59	23	2	
3	64QAM	1	0	21.78	21.66	21.61			
3	64QAM	1	8	21.57	21.80	21.74			
3	64QAM	1	14	21.65	21.71	21.63	22	3	
3	64QAM	8	0	20.55	20.70	20.68			
3	64QAM	8	4	20.50	20.71	20.54			
3	64QAM	8	7	20.56	20.59	20.57	22	3	
3	64QAM	15	0	20.57	20.71	20.56			
Channel				18597	18900	19163	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	23.43	23.34	23.31	25	0	
1.4	QPSK	1	3	23.45	23.37	23.30			
1.4	QPSK	1	5	23.44	23.39	23.30			
1.4	QPSK	3	0	23.41	23.36	23.27	24	1	
1.4	QPSK	3	1	23.46	23.37	23.26			
1.4	QPSK	3	3	23.42	23.34	23.27			
1.4	QPSK	6	0	22.76	22.71	22.63	24	1	
1.4	16QAM	1	0	22.78	22.96	22.87			
1.4	16QAM	1	3	22.72	22.99	22.87			
1.4	16QAM	1	5	22.73	22.95	22.84	23	2	
1.4	16QAM	3	0	22.53	22.74	22.64			
1.4	16QAM	3	1	22.54	22.75	22.64			

Band 4_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				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	24.59	24.71	24.63	25.5	0	
20	QPSK	1	49	24.54	24.65	24.62			
20	QPSK	1	99	24.57	24.60	24.60			
20	QPSK	50	0	23.57	23.75	23.73	24.5	1	
20	QPSK	50	24	23.34	23.70	23.68			
20	QPSK	50	50	23.56	23.64	23.70			
20	QPSK	100	0	23.52	23.70	23.68	24.5	1	
20	16QAM	1	0	23.70	23.77	23.84			
20	16QAM	1	49	23.75	23.87	23.86			
20	16QAM	1	99	23.79	23.82	23.74	24.5	1	
20	16QAM	50	0	22.35	22.71	22.70			
20	16QAM	50	24	22.55	22.69	22.67			
20	16QAM	50	50	22.57	22.65	22.70	23.5	2	
20	16QAM	100	0	22.52	22.65	22.67			
20	64QAM	1	0	22.59	22.60	22.75			
20	64QAM	1	49	22.74	22.75	22.76	23.5	2	
20	64QAM	1	99	22.69	22.64	22.62			
20	64QAM	50	0	21.37	21.75	21.68			
20	64QAM	50	24	21.60	21.69	21.72	22.5	3	
20	64QAM	50	50	21.62	21.66	21.73			
20	64QAM	100	0	21.59	21.68	21.67			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	24.47	24.60	24.56	25.5	0	
15	QPSK	1	37	24.43	24.52	24.54			
15	QPSK	1	74	24.43	24.51	24.45			
15	QPSK	36	0	23.44	23.60	23.67	24.5	1	
15	QPSK	36	20	23.42	23.58	23.63			
15	QPSK	36	39	23.41	23.49	23.62			
15	QPSK	75	0	23.40	23.61	23.54	24.5	1	
15	16QAM	1	0	23.56	23.64	23.74			
15	16QAM	1	37	23.72	23.81	23.80			
15	16QAM	1	74	23.71	23.73	23.63	24.5	1	
15	16QAM	36	0	22.20	22.64	22.59			
15	16QAM	36	20	22.44	22.54	22.59			
15	16QAM	36	39	22.49	22.58	22.56	23.5	2	
15	16QAM	75	0	22.45	22.53	22.53			
15	64QAM	1	0	22.44	22.72	22.61			
15	64QAM	1	37	22.61	22.60	22.62	23.5	2	
15	64QAM	1	74	22.60	22.58	22.53			
15	64QAM	36	0	21.31	21.61	21.56			
15	64QAM	36	20	21.55	21.63	21.64	22.5	3	
15	64QAM	36	39	21.47	21.57	21.63			
15	64QAM	75	0	21.44	21.63	21.60			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	24.49	24.57	24.52	25.5	0	
10	QPSK	1	25	24.44	24.52	24.53			
10	QPSK	1	49	24.46	24.53	24.48			
10	QPSK	25	0	23.52	23.70	23.66	24.5	1	
10	QPSK	25	12	23.23	23.55	23.59			
10	QPSK	25	25	23.49	23.49	23.59			
10	QPSK	50	0	23.42	23.60	23.61	24.5	1	
10	16QAM	1	0	23.69	23.69	23.80			
10	16QAM	1	25	23.69	23.78	23.80			
10	16QAM	1	49	23.68	23.67	23.62	24.5	1	
10	16QAM	25	0	22.27	22.63	22.62			
10	16QAM	25	12	22.41	22.62	22.61			
10	16QAM	25	25	22.52	22.55	22.62	23.5	2	
10	16QAM	50	0	22.46	22.51	22.53			
10	64QAM	1	0	22.44	22.68	22.67			
10	64QAM	1	25	22.69	22.61	22.63	23.5	2	
10	64QAM	1	49	22.54	22.54	22.52			
10	64QAM	25	0	21.23	21.69	21.63			
10	64QAM	25	12	21.48	21.62	21.67	22.5	3	
10	64QAM	25	25	21.53	21.56	21.66			
10	64QAM	50	0	21.46	21.63	21.61			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	24.48	24.59	24.50	25.5	0	
5	QPSK	1	12	24.39	24.56	24.53			
5	QPSK	1	24	24.51	24.53	24.55			
5	QPSK	12	0	23.44	23.68	23.65	24.5	1	
5	QPSK	12	7	23.27	23.59	23.62			
5	QPSK	12	14	23.41	23.58	23.63			
5	QPSK	25	0	23.37	23.64	23.53	24.5	1	
5	16QAM	1	0	23.61	23.66	23.72			
5	16QAM	1	12	23.72	23.72	23.73			
5	16QAM	1	24	23.72	23.73	23.61	24.5	1	
5	16QAM	12	0	22.24	22.57	22.58			
5	16QAM	12	7	22.40	22.62	22.56			
5	16QAM	12	13	22.46	22.50	22.56	23.5	2	
5	16QAM	25	0	22.45	22.56	22.58			
5	64QAM	1	0	22.44	22.65	22.68			
5	64QAM	1	12	22.68	22.66	22.61	23.5	2	
5	64QAM	1	24	22.59	22.50	22.51			
5	64QAM	12	0	21.26	21.64	21.55			
5	64QAM	12	7	21.55	21.64	21.66	22.5	3	
5	64QAM	12	13	21.47	21.53	21.67			
5	64QAM	25	0	21.44	21.56	21.55			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	24.50	24.65	24.52	25.5	0	
3	QPSK	1	8	24.42	24.56	24.53			
3	QPSK	1	14	24.52	24.51	24.47			
3	QPSK	8	0	23.49	23.63	23.66	24.5	1	
3	QPSK	8	4	23.27	23.61	23.61			
3	QPSK	15	0	23.40	23.62	23.62			
3	16QAM	1	0	23.62	23.66	23.73	24.5	1	
3	16QAM	1	8	23.72	23.72	23.81			
3	16QAM	1	14	23.73	23.75	23.63			
3	16QAM	8	0	22.23	22.59	22.58	23.5	2	
3	16QAM	8	4	22.42	22.61	22.53			
3	16QAM	15	0	22.37	22.52	22.55			
3	64QAM	1	0	22.50	22.65	22.66	23.5	2	
3	64QAM	1	8	22.64	22.63	22.65			
3	64QAM	1	14	22.58	22.53	22.48			
3	64QAM	8	0	21.25	21.63	21.60	22.5	3	
3	64QAM	8	4	21.45	21.64	21.65			
3	64QAM	8	7	21.52	21.56	21.58			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	24.34	24.55	24.53	25.5	0	
1.4	QPSK	1	3	24.29	24.52	24.56			
1.4	QPSK	1	5	24.38	24.58	24.56			
1.4	QPSK	3	0	24.37	24.57	24.59	24.5	1	
1.4	QPSK	3	1	24.37	24.56	24.58			
1.4	QPSK	3	3	24.37	24.54	24.58			
1.4	QPSK	6	0	23.39	23.57	23.58	24.5	1	
1.4	16QAM	1	0	23.54	23.75	23.76			
1.4	16QAM	1	3	23.56	23.78	23.78			
1.4	16QAM	1	5	23.55	23.75	23.75	24.5	1	
1.4	16QAM	3	0	23.40	23.59	23.61			
1.4	16QAM	3	1	23.41	23.58	23.61			
1.4	16QAM	3	3	23.39	23.54	23.58	23.5	2	
1.4	16QAM	6	0	22.46	22.64	22.65			
1.4	64QAM	1	0	22.47	22.71	22.71			
1.4	64QAM	1	3	22.48	22.65	22.69	23.5	2	
1.4	64QAM	1	5	22.48	22.65	22.69			
1.4	64QAM	3	0	22.48	22.66	22.67			
1.4	64QAM	3	1	22.47	22.65	22.66	23.5	2	
1.4	64QAM	3	3	22.50	22.63	22.67			
1.4	64QAM	6	0	21.42	21.59	21.57			

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	25.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.52	24.55	24.57	24.5	1	
20	QPSK	1	49	24.47	24.51	24.55			
20	QPSK	1	99	24.50	24.52	24.42	24.5	1	
20	QPSK	50	0	23.62	23.66	23.51			
20	QPSK	50	24	23.59	23.53	23.49	24.5	1	
20	QPSK	50	50	23.56	23.60	23.45			
20	QPSK	100	0	23.49	23.53	23.46	24.5	1	
20	16QAM	1	0	23.59	23.69	23.71			
20	16QAM	1	49	23.83	23.81	23.72	24.5	1	
20	16QAM	1	99	23.78	23.79	23.63			
20	16QAM	50	0	22.46	22.63	22.49	23.5	2	
20	16QAM	50	24	22.59	22.59	22.51			
20	16QAM	50	50	22.66	22.55	22.44	23.5	2	
20	16QAM	100	0	22.52	22.52	22.45			
20	64QAM	1	0	22.52	22.62	22.56	23.5	2	
20	64QAM	1	49	22.77	22.74	22.63			
20	64QAM	1	99	22.70	22.67	22.57	22.5	3	
20	64QAM	50	0	21.48	21.62	21.51			
20	64QAM	50	24	21.51	21.52	21.49	22.5	3	
20	64QAM	50	50	21.63	21.54	21.43			
20	64QAM	100	0	21.49	21.52	21.45	25.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	24.5	1	
15	QPSK	1	0	24.43	24.40	24.37			
15	QPSK	1	37	24.32	24.39	24.23	24.5	1	
15	QPSK	1	74	24.45	24.38	24.28			
15	QPSK	36	0	23.53	23.61	23.39	24.5	1	
15	QPSK	36	20	23.54	23.48	23.42			
15	QPSK	36	39	23.46	23.49	23.39	24.5	1	
15	QPSK	75	0	23.34	23.40	23.31			
15	16QAM	1	0	23.47	23.54	23.64	24.5	1	
15	16QAM	1	37	23.68	23.76	23.66			
15	16QAM	1	74	23.65	23.64	23.52	23.5	2	
15	16QAM	36	0	22.41	22.51	22.42			
15	16QAM	36	20	22.44	22.44	22.38	23.5	2	
15	16QAM	36	39	22.56	22.42	22.29			
15	16QAM	75	0	22.40	22.41	22.32	23.5	2	
15	64QAM	1	0	22.37	22.51	22.50			
15	64QAM	1	37	22.70	22.67	22.56	22.5	3	
15	64QAM	1	74	22.61	22.56	22.49			
15	64QAM	36	0	21.34	21.54	21.41	22.5	3	
15	64QAM	36	20	21.46	21.47	21.41			
15	64QAM	36	39	21.55	21.45	21.37	25.5	0	
15	64QAM	75	0	21.43	21.46	21.38			
Channel				20800	21100	21400	24.5	1	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	24.38	24.47	24.42	24.5	0	
10	QPSK	1	25	24.38	24.42	24.28			
10	QPSK	1	49	24.42	24.39	24.33	24.5	1	
10	QPSK	25	0	23.47	23.54	23.45			
10	QPSK	25	12	23.47	23.46	23.39	24.5	1	
10	QPSK	25	25	23.41	23.50	23.32			
10	QPSK	50	0	23.39	23.47	23.32	24.5	1	
10	16QAM	1	0	23.51	23.62	23.56			
10	16QAM	1	25	23.71	23.74	23.58	23.5	2	
10	16QAM	1	49	23.66	23.70	23.55			
10	16QAM	25	0	22.37	22.49	22.43	23.5	2	
10	16QAM	25	12	22.50	22.51	22.37			
10	16QAM	25	25	22.61	22.45	22.31	23.5	2	
10	16QAM	50	0	22.40	22.41	22.38			
10	64QAM	1	0	22.45	22.53	22.49	23.5	2	
10	64QAM	1	25	22.71	22.69	22.52			
10	64QAM	1	49	22.63	22.55	22.52	22.5	3	
10	64QAM	25	0	21.35	21.57	21.41			
10	64QAM	25	12	21.45	21.39	21.43	22.5	3	
10	64QAM	25	25	21.48	21.43	21.36			
10	64QAM	50	0	21.41	21.41	21.35	25.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	25.5	0	
5	QPSK	1	0	24.44	24.45	24.41			
5	QPSK	1	12	24.37	24.43	24.29	24.5	1	
5	QPSK	1	24	24.35	24.47	24.32			
5	QPSK	12	0	23.47	23.61	23.45	24.5	1	
5	QPSK	12	7	23.52	23.43	23.35			
5	QPSK	12	13	23.48	23.53	23.30	24.5	1	
5	QPSK	25	0	23.34	23.38	23.37			
5	16QAM	1	0	23.47	23.61	23.57	24.5	1	
5	16QAM	1	12	23.74	23.71	23.63			
5	16QAM	1	24	23.68	23.70	23.53	23.5	2	
5	16QAM	12	0	22.36	22.48	22.39			
5	16QAM	12	7	22.45	22.52	22.40	23.5	2	
5	16QAM	12	13	22.55	22.50	22.31			
5	16QAM	25	0	22.47	22.44	22.31	23.5	2	
5	64QAM	1	0	22.41	22.50	22.47			
5	64QAM	1	12	22.63	22.66	22.50	22.5	3	
5	64QAM	1	24	22.62	22.62	22.43			
5	64QAM	12	0	21.35	21.57	21.38	22.5	3	
5	64QAM	12	7	21.37	21.41	21.40			
5	64QAM	12	13	21.54	21.42	21.29	25.5	0	
5	64QAM	25	0	21.34	21.43	21.40			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.48	21.59	21.53	22.5		0
20	QPSK	1	49	21.40	21.58	21.41			
20	QPSK	1	99	21.47	21.58	21.42	22.5		0
20	QPSK	50	0	21.45	21.56	21.45			
20	QPSK	50	24	21.44	21.49	21.45	22.5		0
20	QPSK	50	50	21.36	21.53	21.36			
20	QPSK	100	0	21.46	21.49	21.31	22.5		0
20	16QAM	1	0	21.41	21.51	21.51			
20	16QAM	1	49	21.36	21.52	21.29	22.5		0
20	16QAM	1	99	21.43	21.57	21.34			
20	16QAM	50	0	21.38	21.52	21.45	22.5		0
20	16QAM	50	24	21.41	21.37	21.41			
20	16QAM	50	50	21.28	21.45	21.32	22.5		0
20	16QAM	100	0	21.45	21.41	21.19			
20	64QAM	1	0	21.47	21.57	21.48	22.5		0
20	64QAM	1	49	21.39	21.48	21.29			
20	64QAM	1	99	21.36	21.56	21.41	22.5		0
20	64QAM	50	0	21.33	21.55	21.46			
20	64QAM	50	24	21.40	21.48	21.37	22.5		0
20	64QAM	50	50	21.25	21.51	21.30			
20	64QAM	100	0	21.42	21.41	21.30			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.41	21.53	21.44	22.5		0
15	QPSK	1	37	21.36	21.46	21.37			
15	QPSK	1	74	21.38	21.50	21.30	22.5		0
15	QPSK	36	0	21.35	21.49	21.47			
15	QPSK	36	20	21.32	21.37	21.40	22.5		0
15	QPSK	36	39	21.33	21.47	21.32			
15	QPSK	75	0	21.39	21.38	21.19	22.5		0
15	16QAM	1	0	21.33	21.42	21.40			
15	16QAM	1	37	21.29	21.41	21.21	22.5		0
15	16QAM	1	74	21.34	21.47	21.32			
15	16QAM	36	0	21.34	21.50	21.37	22.5		0
15	16QAM	36	20	21.32	21.32	21.36			
15	16QAM	36	39	21.24	21.34	21.24	22.5		0
15	16QAM	75	0	21.44	21.32	21.07			
15	64QAM	1	0	21.42	21.46	21.44	22.5		0
15	64QAM	1	37	21.37	21.43	21.20			
15	64QAM	1	74	21.27	21.49	21.29	22.5		0
15	64QAM	36	0	21.27	21.48	21.42			
15	64QAM	36	20	21.36	21.40	21.34	22.5		0
15	64QAM	36	39	21.15	21.46	21.25			
15	64QAM	75	0	21.32	21.26	21.19			
Channel				20800	21100	21350			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.44	21.55	21.44	22.5		0
10	QPSK	1	25	21.35	21.48	21.34			
10	QPSK	1	49	21.43	21.52	21.30	22.5		0
10	QPSK	25	0	21.43	21.45	21.43			
10	QPSK	25	12	21.32	21.38	21.44	22.5		0
10	QPSK	25	25	21.33	21.51	21.33			
10	QPSK	50	0	21.42	21.42	21.41	22.5		0
10	16QAM	1	0	21.30	21.46	21.43			
10	16QAM	1	25	21.31	21.41	21.23	22.5		0
10	16QAM	1	49	21.37	21.56	21.26			
10	16QAM	25	0	21.30	21.49	21.33	22.5		0
10	16QAM	25	12	21.37	21.33	21.40			
10	16QAM	25	25	21.21	21.38	21.21	22.5		0
10	16QAM	50	0	21.37	21.37	21.14			
10	64QAM	1	0	21.43	21.51	21.43	22.5		0
10	64QAM	1	25	21.28	21.41	21.23			
10	64QAM	1	49	21.24	21.46	21.30	22.5		0
10	64QAM	25	0	21.22	21.44	21.35			
10	64QAM	25	12	21.32	21.44	21.30	22.5		0
10	64QAM	25	25	21.35	21.33	21.36			
10	64QAM	50	0	21.33	21.30	21.22			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.39	21.56	21.43	22.5		0
5	QPSK	1	12	21.28	21.46	21.32			
5	QPSK	1	24	21.40	21.47	21.37	22.5		0
5	QPSK	12	0	21.33	21.51	21.43			
5	QPSK	12	7	21.36	21.43	21.38	22.5		0
5	QPSK	12	13	21.32	21.43	21.25			
5	QPSK	25	0	21.34	21.45	21.21	22.5		0
5	16QAM	1	0	21.37	21.49	21.43			
5	16QAM	1	12	21.24	21.45	21.24	22.5		0
5	16QAM	1	24	21.32	21.53	21.33			
5	16QAM	12	0	21.31	21.47	21.30	22.5		0
5	16QAM	12	7	21.35	21.43	21.30			
5	16QAM	12	13	21.25	21.42	21.20	22.5		0
5	16QAM	25	0	21.35	21.39	21.17			
5	64QAM	1	0	21.40	21.48	21.46	22.5		0
5	64QAM	1	12	21.32	21.42	21.19			
5	64QAM	1	24	21.25	21.45	21.31	22.5		0
5	64QAM	12	0	21.25	21.46	21.38			
5	64QAM	12	7	21.31	21.35	21.47	22.5		0
5	64QAM	12	13	21.16	21.40	21.23			
5	64QAM	25	0	21.32	21.33	21.29			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	25.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.55	23.65	23.61	24.5	1	
10	QPSK	1	25	23.54	23.56	23.57			
10	QPSK	1	49	23.52	23.63	23.52			
10	QPSK	25	0	22.58	22.58	22.55			
10	QPSK	25	12	22.57	22.56	22.50	24.5	1	
10	QPSK	25	25	22.51	22.54	22.53			
10	QPSK	50	0	22.54	22.58	22.52			
10	16QAM	1	0	22.51	22.72	22.86			
10	16QAM	1	25	22.76	22.89	22.78	24.5	1	
10	16QAM	1	49	22.93	22.79	22.53			
10	16QAM	25	0	21.62	21.52	21.51			
10	16QAM	25	12	21.59	21.58	21.59			
10	16QAM	25	25	21.66	21.57	21.54	23.5	2	
10	16QAM	50	0	21.58	21.56	21.55			
10	64QAM	1	0	21.53	21.66	21.68			
10	64QAM	1	25	21.65	21.73	21.67			
10	64QAM	1	49	21.77	21.72	21.52	23.5	2	
10	64QAM	25	0	20.59	20.55	20.51			
10	64QAM	25	12	20.53	20.56	20.54			
10	64QAM	25	25	20.64	20.57	20.52			
10	64QAM	50	0	20.56	20.54	20.53	22.5	3	
10	64QAM	50	0	20.56	20.54	20.53			
Channel				23035	23095	23155	25.5	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.60	23.55	23.55	24.5	1	
5	QPSK	1	12	23.59	23.59	23.62			
5	QPSK	1	24	23.60	23.54	23.56			
5	QPSK	12	0	22.53	22.64	22.62			
5	QPSK	12	7	22.60	22.59	22.61	24.5	1	
5	QPSK	12	13	22.63	22.66	22.57			
5	QPSK	25	0	22.64	22.51	22.62			
5	16QAM	1	0	22.58	22.59	22.74			
5	16QAM	1	12	22.67	22.84	22.69	24.5	1	
5	16QAM	1	24	22.88	22.66	22.63			
5	16QAM	12	0	21.52	21.56	21.63			
5	16QAM	12	7	21.64	21.64	21.52			
5	16QAM	12	13	21.54	21.63	21.62	23.5	2	
5	16QAM	25	0	21.62	21.67	21.66			
5	64QAM	1	0	21.61	21.52	21.60			
5	64QAM	1	12	21.53	21.61	21.55			
5	64QAM	1	24	21.63	21.63	21.60	23.5	2	
5	64QAM	12	0	20.69	20.61	20.60			
5	64QAM	12	7	20.58	20.66	20.61			
5	64QAM	12	13	20.50	20.65	20.64			
5	64QAM	25	0	20.62	20.65	20.57	22.5	3	
5	64QAM	25	0	20.62	20.65	20.57			
Channel				23025	23095	23165	25.5	0	
Frequency (MHz)				706.5	707.5	714.5			
3	QPSK	1	0	23.64	23.60	23.51	24.5	1	
3	QPSK	1	8	23.62	23.64	23.64			
3	QPSK	1	14	23.57	23.61	23.59			
3	QPSK	8	0	22.63	22.62	22.66			
3	QPSK	8	4	22.66	22.60	22.63	24.5	1	
3	QPSK	8	7	22.59	22.60	22.60			
3	QPSK	15	0	22.66	22.63	22.59			
3	16QAM	1	0	22.56	22.62	22.78			
3	16QAM	1	8	22.66	22.60	22.63	24.5	1	
3	16QAM	1	14	22.86	22.68	22.56			
3	16QAM	8	0	21.56	21.63	21.56			
3	16QAM	8	4	21.50	21.63	21.50			
3	16QAM	8	7	21.55	21.52	21.63	23.5	2	
3	16QAM	15	0	21.67	21.66	21.61			
3	64QAM	1	0	21.63	21.54	21.56			
3	64QAM	1	8	21.55	21.63	21.52			
3	64QAM	1	14	21.68	21.57	21.65	23.5	2	
3	64QAM	8	0	20.64	20.62	20.58			
3	64QAM	8	4	20.64	20.59	20.66			
3	64QAM	8	7	20.57	20.62	20.61			
3	64QAM	15	0	20.60	20.62	20.59	22.5	3	
3	64QAM	15	0	20.60	20.62	20.59			
Channel				23017	23095	23173	25.5	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.57	23.55	23.52	24.5	1	
1.4	QPSK	1	3	23.55	23.52	23.50			
1.4	QPSK	1	5	23.57	23.56	23.53			
1.4	QPSK	3	0	23.60	23.56	23.53			
1.4	QPSK	3	1	23.53	23.56	23.53	24.5	1	
1.4	QPSK	3	3	23.60	23.58	23.56			
1.4	QPSK	6	0	22.57	22.57	22.60			
1.4	16QAM	1	0	22.76	22.84	22.75			
1.4	16QAM	1	3	22.74	22.83	22.72	24.5	1	
1.4	16QAM	1	5	22.71	22.83	22.72			
1.4	16QAM	3	0	22.50	22.57	22.57			
1.4	16QAM	3	1	22.55	22.56	22.56			
1.4	16QAM	3	3	22.52	22.57	22.61	23.5	2	
1.4	16QAM	6	0	21.55	21.62	21.55			
1.4	64QAM	1	0	21.57	21.72	21.62			
1.4	64QAM	1	3	21.61	21.71	21.64			
1.4	64QAM	1	5	21.56	21.70	21.56	23.5	2	
1.4	64QAM	3	0	21.51	21.66	21.52			
1.4	64QAM	3	1	21.61	21.64	21.50			
1.4	64QAM	3	3	21.56	21.65	21.52			
1.4	64QAM	6	0	20.51	20.51	20.51	22.5	3	
1.4	64QAM	6	0	20.51	20.51	20.51			

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			25.5	0	
Frequency (MHz)				762					
10	QPSK	1	0		24.51		24.5	1	
10	QPSK	1	25		24.49				
10	QPSK	1	49		24.50				
10	QPSK	25	0		23.48				
10	QPSK	25	12		23.46		24.5	1	
10	QPSK	25	25		23.44				
10	QPSK	50	0		23.52				
10	16QAM	1	0		23.75				
10	16QAM	1	25		23.81		24.5	1	
10	16QAM	1	49		23.74				
10	16QAM	25	0		22.49				
10	16QAM	25	12		22.46				
10	16QAM	25	25		22.46		23.5	2	
10	16QAM	50	0		22.48				
10	64QAM	1	0		22.64				
10	64QAM	1	25		22.61				
10	64QAM	1	49		22.63		23.5	2	
10	64QAM	25	0		21.48				
10	64QAM	25	12		21.44				
10	64QAM	25	25		21.40				
10	64QAM	50	0		21.44		22.5	3	
10	64QAM	50	0		21.44				
Channel				23205	23230	23255	25.5	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.37	24.37	24.44	24.5	1	
5	QPSK	1	12	24.44	24.42	24.37			
5	QPSK	1	24	24.45	24.44	24.39			
5	QPSK	12	0	23.42	23.38	23.43	24.5	1	
5	QPSK	12	7	23.33	23.38	23.35			
5	QPSK	12	13	23.33	23.34	23.33			
5	QPSK	25	0	23.37	23.42	23.40			
5	64QAM	1	0	23.66	23.63	23.60	24.5	1	
5	64QAM	1	12	23.76	23.71	23.69			
5	64QAM	1	24	23.64	23.59	23.68			
5	16QAM	12	0	22.39	22.34	22.37			
5	16QAM	12	7	22.39	22.35	22.37	23.5	2	
5	16QAM	12	13	22.40	22.31	22.39			
5	16QAM	25	0	22.43	22.42	22.42			
5	64QAM	1	0	22.58	22.49	22.51			
5	64QAM	1	12	22.49	22.56	22.53	23.5	2	
5	64QAM	1	24	22.56	22.54	22.54			
5	64QAM	12	0	21.42	21.43	21.41			
5	64QAM	12	7	21.36	21.31	21.36			
5	64QAM	12	13	21.35	21.30	21.25	22.5	3	
5	64QAM	12	0	21.39	21.29	21.34			
5	64QAM	12	13	21.39	21.29	21.34			
5	64QAM	25	0	21.39	21.29	21.34			
Channel				776.5 <th>782</th> <th>785.5</th> <th rowspan="2">25.5</th> <th colspan="2" rowspan="2">0</th>	782	785.5	25.5	0	
Frequency (MHz)				24.46	24.39	24.44			
3	QPSK	1	0	24.35	24.39	24.37	25.5	0	
3	QPSK	1	8	24.26	24.30	24.37			
3	QPSK	1	14	24.45	24.37	24.42			
3	QPSK	8	0	23.40	23.37	23.36	24.5	1	
3	QPSK	8	4	23.34	23.31	23.37			
3	QPSK	8	7	23.30	23.31	23.34			
3	QPSK	15	0	23.46	23.43	23.44			
3	16QAM	1	0	23.62	23.63	23.66	24.5	1	
3	16QAM	1	8	23.68	23.76	23.68			
3	16QAM	1	14	23.62	23.61	23.61			
3	16QAM	8	0	22.34	22.38	22.43			
3	16QAM	8	4	22.37	22.37	22.37	23.5	2	
3	16QAM	8	7	22.31	22.36	22.37			
3	16QAM	15	0	22.35	22.36	22.36			
3	64QAM	1	0	22.53	22.51	22.59			
3	64QAM	1	8	22.50	22.56	22.55	23.5	2	
3	64QAM	1	14	22.56	22.51	22.55			
3	64QAM	8	0	21.33	21.38	21.37			
3	64QAM	8	4	21.30	21.38	21.36			
3	64QAM	8	7	21.34	21.34	21.36	22.5	3	
3	64QAM	15	0	21.29	21.33	21.39			
3	64QAM	15	0	21.29	21.33	21.39			
3	64QAM	15	0	21.29	21.33	21.39			
Channel				23177	23230	23273	25.5	0	
Frequency (MHz)				777.7 <th>782<th>786.3</th></th>	782 <th>786.3</th>	786.3			
1.4	QPSK	1	0	24.34	24.41	24.39	25.5	0	
1.4	QPSK	1	3	24.44	24.43	24.44			
1.4	QPSK	1	5	24.42	24.43	24.42			
1.4	QPSK	3	0	24.38	24.43	24.43			
1.4	QPSK	3	1	24.43	24.44	24.43	24.5	1	
1.4	QPSK	3	3	24.46	24.45	24.44			
1.4	QPSK	6	0	24.44	24.44	24.44			
1.4	16QAM	1	0	23.63	23.70	23.71			
1.4	16QAM	1	3	23.71	23.72	23.73	24.5	1	
1.4	16QAM	1	5	23.68	23.69	23.69			
1.4	16QAM	3	0	23.41	23.41	23.42			
1.4	16QAM	3	1	23.46	23.46	23.44			
1.4	16QAM	3	3	23.44	23.41	23.42	23.5	2	
1.4	16QAM	6	0	22.48	22.48	22.49			
1.4	64QAM	1	0	22.49	22.50	22.54			
1.4	64QAM	1	3	22.58	22.55	22.56			
1.4	64QAM	1	5	22.52	22.53	22.53	23.5	2	
1.4	64QAM	3	0	22.47	22.48	22.53			
1.4	64QAM	3	1	22.52	22.55	22.52			
1.4	64QAM	3	3	22.54	22.53	22.52			
1.4	64QAM	6	0	21.36	21.36	21.36	22.5	3	
1.4	64QAM	6	0	21.36	21.36	21.36			

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	25	0				
Frequency (MHz)				709	710	711						
10	QPSK	1	0	24.56	24.63	24.57				24	1	
10	QPSK	1	25	24.52	24.61	24.50						
10	QPSK	1	49	24.55	24.53	24.54						
10	QPSK	25	0	23.52	23.56	23.52						
10	QPSK	25	12	23.51	23.51	23.50	24	1				
10	QPSK	25	25	23.50	23.53	23.48						
10	QPSK	50	0	23.52	23.57	23.54						
10	16QAM	1	0	23.63	23.80	23.62						
10	16QAM	1	25	23.83	23.76	23.76	24	1				
10	16QAM	1	49	23.77	23.78	23.75						
10	16QAM	25	0	22.53	22.51	22.50						
10	16QAM	25	12	22.57	22.55	22.59						
10	16QAM	25	25	22.53	22.49	22.49	23	2				
10	16QAM	50	0	22.52	22.51	22.52						
10	64QAM	1	0	22.06	22.71	22.68						
10	64QAM	1	25	22.71	22.70	22.67						
10	64QAM	1	49	22.67	22.70	22.70	23	2				
10	64QAM	25	0	21.48	21.52	21.47						
10	64QAM	25	12	21.57	21.54	21.57						
10	64QAM	25	25	21.48	21.51	21.49						
10	64QAM	50	0	21.51	21.48	21.51	22	3				
Channel				23755	23790	23825						
Frequency (MHz)				706.5	710	713.5						
5	QPSK	1	0	24.45	24.51	24.48				25	0	
5	QPSK	1	12	24.41	24.53	24.45						
5	QPSK	1	24	24.50	24.44	24.42						
5	QPSK	12	0	23.46	23.41	23.43						
5	QPSK	12	7	23.37	23.39	23.41	24	1				
5	QPSK	12	13	23.36	23.42	23.36						
5	QPSK	25	0	23.41	23.47	23.47						
5	16QAM	1	0	23.68	23.75	23.70						
5	16QAM	1	12	23.73	23.69	23.64	24	1				
5	16QAM	1	24	23.62	23.70	23.69						
5	16QAM	12	0	22.46	22.45	22.43						
5	16QAM	12	7	22.52	22.43	22.47						
5	16QAM	12	13	22.45	22.38	22.37	23	2				
5	16QAM	25	0	22.42	22.46	22.39						
5	64QAM	1	0	22.54	22.56	22.57						
5	64QAM	1	12	22.66	22.58	22.52						
5	64QAM	1	24	22.55	22.61	22.55	23	2				
5	64QAM	12	0	21.40	21.40	21.38						
5	64QAM	12	7	21.46	21.40	21.47						
5	64QAM	12	13	21.43	21.36	21.34						
5	64QAM	25	0	21.39	21.35	21.42	22	3				

Band 17_Ant 1												
BW [MHz]	Modulation	RB size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)				
Channel				23780	23790	23800	25	0				
Frequency (MHz)				709	710	711						
10	QPSK	1	0	23.67	23.91	23.90				24	1	
10	QPSK	1	25	23.62	23.90	23.88						
10	QPSK	1	49	23.84	23.87	23.85						
10	QPSK	25	0	22.82	22.87	22.86						
10	QPSK	25	12	22.78	22.78	22.77	24	1				
10	QPSK	25	25	22.79	22.81	22.78						
10	QPSK	50	0	22.80	22.86	22.82						
10	16QAM	1	0	23.06	23.18	23.13						
10	16QAM	1	25	23.10	23.09	23.12	24	1				
10	16QAM	1	49	23.06	23.08	23.05						
10	16QAM	25	0	21.75	21.81	21.82						
10	16QAM	25	12	21.86	21.87	21.90						
10	16QAM	25	25	21.81	21.83	21.78	23	2				
10	16QAM	50	0	21.80	21.82	21.80						
10	64QAM	1	0	21.93	22.01	21.99						
10	64QAM	1	25	22.02	21.97	21.99						
10	64QAM	1	49	21.97	21.96	22.00	23	2				
10	64QAM	25	0	20.77	20.78	20.77						
10	64QAM	25	12	20.85	20.84	20.88						
10	64QAM	25	25	20.76	20.79	20.77						
10	64QAM	50	0	20.77	20.79	20.78	22	3				
Channel				23755	23790	23825						
Frequency (MHz)				706.5 <th>710<th>713.5</th></th>	710 <th>713.5</th>	713.5						
5	QPSK	1	0	23.75	23.76	23.84				25	0	
5	QPSK	1	12	23.73	23.77	23.75						
5	QPSK	1	24	23.75	23.79	23.70						
5	QPSK	12	0	22.76	22.76	22.71						
5	QPSK	12	7	22.66	22.71	22.62	24	1				
5	QPSK	12	13	22.71	22.71	22.69						
5	QPSK	25	0	22.66	22.72	22.70						
5	16QAM	1	0	22.93	23.13	23.07						
5	16QAM	1	12	22.99	23.04	23.00	24	1				
5	16QAM	1	24	22.98	23.02	22.90						
5	16QAM	12	0	21.65	21.66	21.73						
5	16QAM	12	7	21.78	21.82	21.75						
5	16QAM	12	13	21.68	21.71	21.73	23	2				
5	16QAM	25	0	21.68	21.68	21.75						
5	64QAM	1	0	21.84	21.88	21.85						
5	64QAM	1	12	21.94	21.92	21.88						
5	64QAM	1	24	21.82	21.87	21.89	23	2				
5	64QAM	12	0	20.71	20.65	20.65						
5	64QAM	12	7	20.73	20.71	20.75						
5	64QAM	12	13	20.63	20.64	20.62						
5	64QAM	25	0	20.63	20.67	20.69	22	3				

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	24.56	24.57	24.49	25.5	0	
15	QPSK	1	37	24.55	24.53	24.48			
15	QPSK	1	74	24.52	24.55	24.53			
15	QPSK	36	0	23.47	23.52	23.51			
15	QPSK	36	20	23.45	23.51	23.50	24.5	1	
15	QPSK	36	39	23.44	23.49	23.47			
15	QPSK	75	0	23.49	23.50	23.47			
15	16QAM	1	0	23.62	23.73	23.69			
15	16QAM	1	37	23.77	23.79	23.77	24.5	1	
15	16QAM	1	74	23.75	23.76	23.78			
15	16QAM	36	0	22.48	22.43	22.58			
15	16QAM	36	20	22.51	22.51	22.56			
15	16QAM	36	39	22.49	22.48	22.55	23.5	2	
15	16QAM	75	0	22.48	22.47	22.60			
15	64QAM	1	0	22.51	22.66	22.61			
15	64QAM	1	37	22.66	22.67	22.70			
15	64QAM	1	74	22.60	22.59	22.65	23.5	2	
15	64QAM	36	0	21.48	21.43	21.58			
15	64QAM	36	20	21.45	21.51	21.56			
15	64QAM	36	39	21.46	21.51	21.57			
15	64QAM	75	0	21.48	21.45	21.57	Tune-up limit (dBm)		
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.41	24.50	24.36	25.5	0	
10	QPSK	1	25	24.41	24.43	24.33			
10	QPSK	1	49	24.46	24.40	24.34			
10	QPSK	25	0	23.37	23.47	23.38			
10	QPSK	25	12	23.36	23.36	23.42	24.5	1	
10	QPSK	25	25	23.35	23.38	23.34			
10	QPSK	50	0	23.40	23.35	23.41			
10	16QAM	1	0	23.47	23.64	23.62			
10	16QAM	1	25	23.63	23.66	23.68	24.5	1	
10	16QAM	1	49	23.60	23.60	23.66			
10	16QAM	25	0	22.34	22.32	22.50			
10	16QAM	25	12	22.44	22.36	22.51			
10	16QAM	25	25	22.39	22.38	22.46	23.5	2	
10	16QAM	50	0	22.35	22.38	22.49			
10	64QAM	1	0	22.45	22.61	22.48			
10	64QAM	1	25	22.61	22.53	22.65			
10	64QAM	1	49	22.49	22.45	22.51	22.5	3	
10	64QAM	25	0	21.38	21.38	21.43			
10	64QAM	25	12	21.40	21.40	21.42			
10	64QAM	25	25	21.39	21.41	21.43			
10	64QAM	50	0	21.41	21.32	21.42	Tune-up limit (dBm)		
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.51	24.45	24.36	25.5	0	
5	QPSK	1	12	24.49	24.48	24.41			
5	QPSK	1	24	24.41	24.50	24.30			
5	QPSK	12	0	23.36	23.38	23.40			
5	QPSK	12	7	23.34	23.46	23.39	24.5	1	
5	QPSK	12	13	23.30	23.39	23.38			
5	QPSK	25	0	23.44	23.45	23.33			
5	16QAM	1	0	23.54	23.58	23.58			
5	16QAM	1	12	23.69	23.69	23.68	24.5	1	
5	16QAM	1	24	23.65	23.65	23.70			
5	16QAM	12	0	22.34	22.35	22.46			
5	16QAM	12	7	22.44	22.36	22.49			
5	16QAM	12	13	22.42	22.37	22.41	23.5	2	
5	16QAM	25	0	22.43	22.34	22.52			
5	64QAM	1	0	22.43	22.51	22.48			
5	64QAM	1	12	22.58	22.55	22.58			
5	64QAM	1	24	22.49	22.46	22.51	22.5	3	
5	64QAM	12	0	21.39	21.31	21.46			
5	64QAM	12	7	21.33	21.38	21.42			
5	64QAM	12	13	21.32	21.37	21.49			
5	64QAM	25	0	21.33	21.31	21.44	Tune-up limit (dBm)		
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.50	24.49	24.43	25.5	0	
3	QPSK	1	8	24.43	24.45	24.39			
3	QPSK	1	14	24.44	24.50	24.30			
3	QPSK	8	0	23.41	23.45	23.44			
3	QPSK	8	4	23.30	23.45	23.45	24.5	1	
3	QPSK	8	7	23.30	23.38	23.38			
3	QPSK	15	0	23.37	23.38	23.32			
3	16QAM	1	0	23.50	23.61	23.59			
3	16QAM	1	8	23.66	23.71	23.72	24.5	1	
3	16QAM	1	14	23.67	23.58	23.72			
3	16QAM	8	0	22.43	22.32	22.53			
3	16QAM	8	4	22.45	22.44	22.50			
3	16QAM	8	7	22.36	22.40	22.40	23.5	2	
3	16QAM	15	0	22.43	22.35	22.49			
3	64QAM	1	0	22.37	22.56	22.47			
3	64QAM	1	8	22.56	22.62	22.60			
3	64QAM	1	14	22.49	22.53	22.52	22.5	3	
3	64QAM	8	0	21.40	21.37	21.49			
3	64QAM	8	4	21.34	21.39	21.42			
3	64QAM	8	7	21.34	21.46	21.42			
3	64QAM	15	0	21.42	21.39	21.51	Tune-up limit (dBm)		
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.36	24.48	24.56	25.5	0	
1.4	QPSK	1	3	24.38	24.49	24.42			
1.4	QPSK	1	5	24.37	24.49	24.36			
1.4	QPSK	3	0	24.41	24.52	24.43			
1.4	QPSK	3	1	24.44	24.52	24.43	24.5	1	
1.4	QPSK	3	3	24.44	24.51	24.45			
1.4	QPSK	6	0	23.43	23.51	23.59			
1.4	16QAM	1	0	23.61	23.70	23.80			
1.4	16QAM	1	3	23.64	23.77	23.81	24.5	1	
1.4	16QAM	1	5	23.60	23.75	23.82			
1.4	16QAM	3	0	23.47	23.52	23.59			
1.4	16QAM	3	1	23.45	23.50	23.62			
1.4	16QAM	3	3	23.43	23.46	23.62	23.5	2	
1.4	16QAM	6	0	22.48	22.56	22.67			
1.4	64QAM	1	0	22.51	22.59	22.67			
1.4	64QAM	1	3	22.53	22.63	22.68			
1.4	64QAM	1	5	22.50	22.61	22.71	22.5	3	
1.4	64QAM	3	0	22.49	22.57	22.65			
1.4	64QAM	3	1	22.49	22.57	22.68			
1.4	64QAM	3	3	22.49	22.54	22.67			
1.4	64QAM	6	0	21.36	21.43	21.53	Tune-up limit (dBm)		

Band 26(FCC)_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	23.81	23.83	23.82	25.5	0				
15	QPSK	1	37	23.79	23.80	23.77						
15	QPSK	1	74	23.76	23.79	23.81						
15	QPSK	36	0	22.76	22.77	22.75						
15	QPSK	36	39	22.74	22.73	22.70	24.5	1				
15	QPSK	75	0	22.76	22.82	22.77						
15	16QAM	1	0	22.88	22.98	22.99						
15	16QAM	1	37	23.08	23.02	23.06						
15	16QAM	1	74	23.00	23.00	23.00	24.5	1				
15	16QAM	36	0	21.67	21.75	21.78						
15	16QAM	36	20	21.80	21.79	21.79						
15	16QAM	36	39	21.75	21.84	21.70						
15	16QAM	75	0	21.72	21.77	21.75	23.5	2				
15	16QAM	1	0	21.82	21.90	21.88						
15	16QAM	1	37	21.98	21.92	21.93						
15	16QAM	1	74	21.93	21.93	21.87						
15	16QAM	36	0	20.69	20.74	20.74	22.5	3				
15	16QAM	36	20	20.73	20.78	20.80						
15	16QAM	36	39	20.73	20.80	20.71						
15	16QAM	75	0	20.70	20.76	20.66						
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)				
10	QPSK	1	0	23.73	23.73	23.75				25.5	0	
10	QPSK	1	25	23.73	23.73	23.73						
10	QPSK	1	49	23.62	23.67	23.78						
10	QPSK	25	0	22.61	22.67	22.61						
10	QPSK	25	12	22.57	22.64	22.62	24.5	1				
10	QPSK	25	25	22.59	22.66	22.59						
10	QPSK	50	0	22.69	22.70	22.62						
10	16QAM	1	0	22.83	22.85	22.83						
10	16QAM	1	25	22.80	22.80	22.80	24.5	1				
10	16QAM	1	49	22.96	22.97	22.87						
10	16QAM	25	0	21.53	21.61	21.66						
10	16QAM	25	12	21.73	21.68	21.74						
10	16QAM	25	25	21.66	21.79	21.56	23.5	2				
10	16QAM	50	0	21.62	21.68	21.67						
10	16QAM	1	0	21.70	21.74	21.76						
10	16QAM	1	25	21.83	21.83	21.84						
10	16QAM	1	49	21.82	21.80	21.73	23.5	2				
10	16QAM	25	0	20.64	20.60	20.68						
10	16QAM	25	12	20.67	20.64	20.70						
10	16QAM	25	25	20.62	20.71	20.63						
10	16QAM	50	0	20.60	20.66	20.53	22.5	3				
Channel				26715	26855	26935				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	843.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.71	23.73	23.70						
5	QPSK	1	12	23.71	23.74	23.82						
5	QPSK	1	24	23.71	23.73	23.69						
5	QPSK	12	0	22.68	22.72	22.61						
5	QPSK	12	7	22.58	22.57	22.57	24.5	1				
5	QPSK	12	13	22.59	22.66	22.57						
5	QPSK	25	0	22.62	22.63	22.67						
5	16QAM	1	0	22.82	22.81	22.84						
5	16QAM	1	12	23.02	22.96	22.97	24.5	1				
5	16QAM	1	24	22.90	22.94	22.94						
5	16QAM	12	0	21.59	21.62	21.69						
5	16QAM	12	7	21.72	21.64	21.66						
5	16QAM	12	13	21.80	21.75	21.56	23.5	2				
5	16QAM	25	0	21.61	21.61	21.67						
5	16QAM	1	0	21.72	21.81	21.83						
5	16QAM	1	12	21.89	21.80	21.87						
5	16QAM	1	24	21.84	21.75	21.78	23.5	2				
5	16QAM	12	0	20.63	20.63	20.59						
5	16QAM	12	7	20.62	20.68	20.73						
5	16QAM	12	13	20.63	20.68	20.66						
5	16QAM	25	0	20.61	20.69	20.51	22.5	3				
Channel				26705	26865	27025				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5 <th>831.5<th>847.5<th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th></th>	831.5 <th>847.5<th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th>	847.5 <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th> <th rowspan="2"></th>				Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.70	23.75	23.77						
3	QPSK	1	8	23.65	23.66	23.65						
3	QPSK	1	14	23.70	23.72	23.75						
3	QPSK	8	0	22.61	22.62	22.64						
3	QPSK	8	4	22.67	22.58	22.65	24.5	1				
3	QPSK	8	12	22.68	22.62	22.76						
3	QPSK	15	0	22.62	22.71	22.84						
3	16QAM	1	0	22.82	22.91	22.94						
3	16QAM	1	8	22.97	22.95	22.92	24.5	1				
3	16QAM	1	14	22.89	22.96	22.91						
3	16QAM	8	0	21.58	21.61	21.65						
3	16QAM	8	4	21.68	21.72	21.67						
3	16QAM	8	12	21.68	21.72	21.65	23.5	2				
3	16QAM	15	0	21.59	21.67	21.65						
3	16QAM	1	0	21.75	21.83	21.80						
3	16QAM	1	8	21.92	21.86	21.87						
3	16QAM	1	14	21.84	21.74	21.74	23.5	2				
3	16QAM	8	0	20.58	20.61	20.59						
3	16QAM	8	4	20.67	20.71	20.69						
3	16QAM	8	7	20.65	20.67	20.65						
3	16QAM	15	0	20.57	20.63	20.57	22.5	3				
Channel				26697	26865	27033				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5 <th>848.3<th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th>	848.3 <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th> <th rowspan="2"></th>				Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.67	23.75	23.74						
1.4	QPSK	1	3	23.73	23.75	23.76						
1.4	QPSK	1	5	23.70	23.74	23.77						
1.4	QPSK	3	0	23.73	23.75	23.75						
1.4	QPSK	3	1	23.74	23.75	23.76	24.5	1				
1.4	QPSK	3	3	23.73	23.74	23.77						
1.4	QPSK	6	0	22.72	22.77	22.82						
1.4	16QAM	1	0	22.89	22.96	23.02						
1.4	16QAM	1	3	22.91	22.95	23.07	24.5	1				
1.4	16QAM	1	5	22.87	22.94	23.02						
1.4	16QAM	3	0	22.73	22.76	22.82						
1.4	16QAM	3	1	22.74	22.77	22.84						
1.4	16QAM	3	3	22.72	22.71	22.83	23.5	2				
1.4	16QAM	6	0	21.76	21.79	21.88						
1.4	16QAM	1	0	21.81	21.88	21.94						
1.4	16QAM	1	5	21.79	21.85	21.93						
1.4	16QAM	3	1	21.78	21.82	21.91	23.5	2				
1.4	16QAM	3	3	21.78	21.83	21.91						
1.4	16QAM	3	5	21.77	21.79	21.90						
1.4	16QAM	6	0	20.62	20.67	20.73						

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.65	24.67	24.44		
20	QPSK	1	49	24.61	24.50	24.39	25.7	0
20	QPSK	1	99	24.64	24.48	24.36		
20	QPSK	50	0	23.78	23.94	23.80		
20	QPSK	50	24	23.77	23.86	23.57		
20	QPSK	50	50	23.77	23.82	23.55	24.7	1
20	QPSK	100	0	23.67	23.78	23.56		
20	16QAM	1	0	23.83	23.66	23.54		
20	16QAM	1	49	23.81	23.64	23.56	24.7	1
20	16QAM	1	99	23.76	23.59	23.55		
20	16QAM	50	0	22.84	22.82	22.53		
20	16QAM	50	24	22.78	22.64	22.56		
20	16QAM	50	50	22.76	22.62	22.60	23.7	2
20	16QAM	100	0	22.77	22.63	22.55		
20	64QAM	1	0	22.54	22.36	22.24		
20	64QAM	1	49	22.51	22.33	22.25	23.7	2
20	64QAM	1	99	22.44	22.27	22.29		
20	64QAM	50	0	21.79	21.62	21.52		
20	64QAM	50	24	21.74	21.61	21.55	22.7	3
20	64QAM	50	50	21.75	21.58	21.55		
20	64QAM	100	0	21.74	21.61	21.53		
Channel				37825	38000	38175		
Frequency (MHz)				2572.5	2595	2612.5		
15	QPSK	1	0	24.56	24.52	24.38	25.7	0
15	QPSK	1	37	24.52	24.37	24.33		
15	QPSK	1	74	24.56	24.33	24.29		
15	QPSK	36	0	23.67	23.72	23.54		
15	QPSK	36	20	23.72	23.57	23.42	24.7	1
15	QPSK	36	39	23.66	23.54	23.41		
15	QPSK	75	0	23.52	23.67	23.44		
15	16QAM	1	0	23.76	23.61	23.41		
15	16QAM	1	37	23.74	23.58	23.48	24.7	1
15	16QAM	1	74	23.71	23.53	23.44		
15	16QAM	36	0	22.78	22.47	22.44		
15	16QAM	36	20	22.64	22.58	22.50	23.7	2
15	16QAM	36	39	22.66	22.51	22.46		
15	16QAM	75	0	22.69	22.48	22.49		
15	64QAM	1	0	22.40	22.25	22.11		
15	64QAM	1	37	22.38	22.18	22.10	23.7	2
15	64QAM	1	74	22.33	22.22	22.16		
15	64QAM	36	0	21.70	21.53	21.46		
15	64QAM	36	20	21.63	21.52	21.41	22.7	3
15	64QAM	36	39	21.61	21.43	21.50		
15	64QAM	75	0	21.64	21.46	21.47		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.54	24.62	24.34	25.7	0
10	QPSK	1	25	24.56	24.44	24.30		
10	QPSK	1	49	24.54	24.39	24.28		
10	QPSK	25	0	23.67	23.78	23.53		
10	QPSK	25	12	23.72	23.52	23.45	24.7	1
10	QPSK	25	25	23.71	23.50	23.45		
10	QPSK	50	0	23.59	23.64	23.44		
10	16QAM	1	0	23.78	23.59	23.48		
10	16QAM	1	25	23.68	23.49	23.43	24.7	1
10	16QAM	1	49	23.63	23.53	23.44		
10	16QAM	25	0	22.71	22.47	22.41		
10	16QAM	25	12	22.72	22.54	22.51	23.7	2
10	16QAM	25	25	22.68	22.55	22.51		
10	16QAM	50	0	22.62	22.56	22.49		
10	64QAM	1	0	22.47	22.27	22.12		
10	64QAM	1	25	22.40	22.19	22.19	23.7	2
10	64QAM	1	49	22.34	22.12	22.19		
10	64QAM	25	0	21.71	21.51	21.39		
10	64QAM	25	12	21.60	21.55	21.45	22.7	3
10	64QAM	25	25	21.61	21.51	21.43		
10	64QAM	50	0	21.66	21.56	21.44		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.50	24.62	24.33	25.7	0
5	QPSK	1	12	24.48	24.40	24.27		
5	QPSK	1	24	24.49	24.37	24.25		
5	QPSK	12	0	23.65	23.75	23.50		
5	QPSK	12	7	23.64	23.60	23.46	24.7	1
5	QPSK	12	13	23.70	23.49	23.46		
5	QPSK	25	0	23.52	23.71	23.48		
5	16QAM	1	0	23.71	23.59	23.39		
5	16QAM	1	12	23.71	23.49	23.45	24.7	1
5	16QAM	1	24	23.65	23.44	23.50		
5	16QAM	12	0	22.70	22.47	22.47		
5	16QAM	12	7	22.72	22.51	22.41	23.7	2
5	16QAM	12	13	22.64	22.49	22.54		
5	16QAM	25	0	22.71	22.49	22.46		
5	64QAM	1	0	22.42	22.28	22.10		
5	64QAM	1	12	22.43	22.23	22.13	23.7	2
5	64QAM	1	24	22.33	22.15	22.19		
5	64QAM	12	0	21.71	21.57	21.46		
5	64QAM	12	7	21.68	21.50	21.41	22.7	3
5	64QAM	12	13	21.67	21.53	21.40		
5	64QAM	25	0	21.62	21.55	21.39		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.42	23.58	23.52		
20	QPSK	1	49	23.38	23.52	23.40	24.2	0
20	QPSK	1	99	23.35	23.47	23.48		
20	QPSK	50	0	23.36	23.37	23.51		
20	QPSK	50	24	23.31	23.40	23.32		
20	QPSK	50	50	23.29	23.37	23.47	24.2	0
20	QPSK	100	0	23.33	23.46	23.46		
20	16QAM	1	0	23.41	23.52	23.49		
20	16QAM	1	49	23.30	23.51	23.36	24.2	0
20	16QAM	1	99	23.25	23.40	23.46		
20	16QAM	50	0	23.09	22.81	22.90		
20	16QAM	50	24	22.98	22.90	22.85		
20	16QAM	50	50	22.95	22.89	22.89	23.7	0.5
20	16QAM	100	0	22.91	22.84	22.77		
20	64QAM	1	0	22.78	22.68	22.53		
20	64QAM	1	49	22.74	22.60	22.51	23.7	0.5
20	64QAM	1	99	22.70	22.53	22.61		
20	64QAM	50	0	21.98	21.89	21.76		
20	64QAM	50	24	21.90	21.91	21.78	22.7	1.5
20	64QAM	50	50	21.98	21.87	21.86		
20	64QAM	100	0	21.97	21.92	21.85		
Channel				37825	38000	38175		
Frequency (MHz)				2572.5	2595	2612.5		
15	QPSK	1	0	23.30	23.55	23.42	24.2	0
15	QPSK	1	37	23.30	23.41	23.39		
15	QPSK	1	74	23.32	23.45	23.43		
15	QPSK	36	0	23.27	23.47	23.44		
15	QPSK	36	20	23.20	23.30	23.26	24.2	0
15	QPSK	36	39	23.27	23.25	23.46		
15	QPSK	75	0	23.28	23.44	23.40		
15	16QAM	1	0	23.40	23.43	23.38		
15	16QAM	1	37	23.18	23.40	23.26	24.2	0
15	16QAM	1	74	23.15	23.31	23.39		
15	16QAM	36	0	23.06	22.72	22.86		
15	16QAM	36	20	22.88	22.86	22.77	23.7	0.5
15	16QAM	36	39	22.86	22.82	22.87		
15	16QAM	75	0	22.89	22.81	22.74		
15	64QAM	1	0	22.68	22.62	22.52		
15	64QAM	1	37	22.64	22.54	22.42	23.7	0.5
15	64QAM	1	74	22.58	22.44	22.57		
15	64QAM	36	0	21.86	21.78	21.64		
15	64QAM	36	20	21.84	21.90	21.69	22.7	1.5
15	64QAM	36	39	21.84	21.83	21.85		
15	64QAM	75	0	21.91	21.87	21.75		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.35	23.54	23.40	24.2	0
10	QPSK	1	25	23.33	23.51	23.31		
10	QPSK	1	49	23.34	23.36	23.47		
10	QPSK	25	0	23.26	23.33	23.27		
10	QPSK	25	25	23.22	23.29	23.41	24.2	0
10	QPSK	50	0	23.30	23.45	23.45		
10	16QAM	1	0	23.33	23.46	23.41		
10	16QAM	1	25	23.18	23.40	23.31	24.2	0
10	16QAM	1	49	23.15	23.39	23.42		
10	16QAM	25	0	23.06	22.79	22.85		
10	16QAM	25	12	22.97	22.86	22.75		
10	16QAM	25	25	22.89	22.85	22.82	23.7	0.5
10	16QAM	50	0	22.85	22.77	22.69		
10	64QAM	1	0	22.77	22.63	22.50		
10	64QAM	1	25	22.68	22.49	22.42	23.7	0.5
10	64QAM	1	49	22.61	22.47	22.56		
10	64QAM	25	0	21.96	21.85	21.70		
10	64QAM	25	12	21.80	21.82	21.73	22.7	1.5
10	64QAM	25	25	21.85	21.77	21.75		
10	64QAM	50	0	21.88	21.88	21.71		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.32	23.47	23.46	24.2	0

Band 41_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.72	24.66	24.75	24.45	24.74	25.7	0		
20	QPSK	1	49	24.71	24.64	24.74	24.43	24.71				
20	QPSK	1	99	24.69	24.65	24.68	24.44	24.72				
20	QPSK	50	0	23.87	23.90	23.93	23.69	23.92	24.7	1		
20	QPSK	50	24	23.83	23.89	23.89	23.67	23.91				
20	QPSK	50	50	23.85	23.87	23.87	23.66	23.88				
20	QPSK	100	0	23.85	23.81	23.87	23.67	23.84	24.7	1		
20	16QAM	1	0	24.16	23.86	23.93	23.58	24.06				
20	16QAM	1	49	24.18	23.88	23.92	23.67	24.08				
20	16QAM	1	99	24.14	24.02	23.84	23.72	24.00	23.7	2		
20	16QAM	50	0	23.11	22.84	22.92	22.68	23.10				
20	16QAM	50	24	23.15	22.86	22.86	22.72	23.08				
20	16QAM	50	50	23.20	22.84	22.87	22.66	23.05	22.7	3		
20	16QAM	100	0	23.14	22.90	22.87	22.67	23.07				
20	64QAM	1	0	22.89	22.56	22.64	22.30	22.76				
20	64QAM	1	49	22.92	22.60	22.62	22.38	22.78	23.7	2		
20	64QAM	1	99	22.84	22.71	22.53	22.43	22.71				
20	64QAM	50	0	22.09	21.80	21.82	21.66	22.06				
20	64QAM	50	24	22.12	21.86	21.87	21.69	22.05	22.7	3		
20	64QAM	50	50	22.16	21.90	21.85	21.63	22.01				
20	64QAM	100	0	22.13	21.89	21.87	21.65	22.04				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5				
15	QPSK	1	0	24.59	24.51	24.67	24.30	24.65	25.7	0		
15	QPSK	1	37	24.59	24.54	24.62	24.29	24.56				
15	QPSK	1	74	24.56	24.5	24.61	24.37	24.61				
15	QPSK	36	0	23.74	23.81	23.80	23.61	23.79	24.7	1		
15	QPSK	36	20	23.77	23.82	23.77	23.60	23.79				
15	QPSK	36	39	23.78	23.82	23.81	23.59	23.82				
15	QPSK	75	0	23.60	23.75	23.74	23.62	23.79	24.7	1		
15	16QAM	1	0	24.07	23.72	23.78	23.43	23.98				
15	16QAM	1	37	24.09	23.74	23.84	23.53	23.93				
15	16QAM	1	74	24.08	23.91	23.69	23.58	23.85	23.7	2		
15	16QAM	36	0	23.03	22.69	22.77	22.61	23.00				
15	16QAM	36	20	23.01	22.76	22.85	22.64	23.02				
15	16QAM	36	39	23.08	22.87	22.73	22.61	22.91	23.7	2		
15	16QAM	75	0	23.04	22.81	22.81	22.57	23.02				
15	64QAM	1	0	22.77	22.51	22.52	22.16	22.71				
15	64QAM	1	37	22.87	22.51	22.49	22.31	22.64	22.7	2		
15	64QAM	1	74	22.79	22.62	22.38	22.34	22.61				
15	64QAM	36	0	21.99	21.69	21.80	21.53	21.97				
15	64QAM	36	20	22.07	21.81	21.82	21.59	21.99	22.7	3		
15	64QAM	36	39	22.05	21.77	21.72	21.53	21.88				
15	64QAM	75	0	21.98	21.77	21.81	21.52	21.98				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.66	24.61	24.63	24.36	24.60	25.7	0		
10	QPSK	1	25	24.57	24.54	24.64	24.38	24.66				
10	QPSK	1	49	24.61	24.53	24.56	24.29	24.62				
10	QPSK	25	0	23.81	23.82	23.78	23.59	23.82	24.7	1		
10	QPSK	25	12	23.78	23.80	23.79	23.53	23.77				
10	QPSK	25	25	23.75	23.77	23.82	23.59	23.80				
10	QPSK	50	0	23.78	23.71	23.77	23.58	23.70	24.7	1		
10	16QAM	1	0	24.02	23.73	23.83	23.45	23.93				
10	16QAM	1	25	24.09	23.81	23.80	23.62	23.99				
10	16QAM	1	49	24.09	23.89	23.73	23.64	23.90	23.7	2		
10	16QAM	25	0	23.01	22.72	22.79	22.53	23.05				
10	16QAM	25	12	23.08	22.77	22.85	22.66	22.94				
10	16QAM	25	25	23.14	22.82	22.72	22.55	22.99	23.7	2		
10	16QAM	50	0	23.06	22.83	22.81	22.61	22.94				
10	64QAM	1	0	22.74	22.47	22.51	22.24	22.61				
10	64QAM	1	25	22.82	22.52	22.52	22.27	22.66	23.7	2		
10	64QAM	1	49	22.69	22.56	22.38	22.33	22.62				
10	64QAM	25	0	21.94	21.66	21.75	21.56	21.98				
10	64QAM	25	12	22.00	21.81	21.72	21.54	21.93	22.7	3		
10	64QAM	25	25	22.02	21.79	21.74	21.50	21.93				
10	64QAM	50	0	21.98	21.76	21.79	21.57	21.96				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	24.58	24.58	24.67	24.40	24.67	25.7	0		
5	QPSK	1	12	24.62	24.57	24.63	24.38	24.58				
5	QPSK	1	24	24.58	24.58	24.55	24.35	24.67				
5	QPSK	12	0	23.77	23.82	23.78	23.61	23.80	24.7	1		
5	QPSK	12	7	23.78	23.78	23.78	23.54	23.80				
5	QPSK	12	13	23.70	23.80	23.78	23.56	23.82				
5	QPSK	25	0	23.72	23.74	23.78	23.57	23.78	24.7	1		
5	16QAM	1	0	24.02	23.77	23.88	23.53	23.98				
5	16QAM	1	12	24.10	23.81	23.81	23.62	23.94				
5	16QAM	1	24	24.01	23.90	23.72	23.58	23.87	23.7	2		
5	16QAM	12	0	22.99	22.77	22.83	22.53	22.99				
5	16QAM	12	7	23.00	22.81	22.80	22.63	22.93				
5	16QAM	12	13	23.14	22.84	22.76	22.53	22.96	23.7	2		
5	16QAM	25	0	23.01	22.80	22.76	22.59	22.95				
5	64QAM	1	0	22.84	22.50	22.53	22.17	22.61				
5	64QAM	1	12	22.79	22.55	22.51	22.23	22.67	23.7	2		
5	64QAM	1	24	22.74	22.65	22.38	22.35	22.60				
5	64QAM	12	0	21.97	21.75	21.82	21.52	22.00				
5	64QAM	12	7	21.99	21.72	21.73	21.56	21.97	22.7	3		
5	64QAM	12	13	22.04	21.83	21.78	21.56	21.88				
5	64QAM	25	0	22.00	21.78	21.80	21.54	21.91				

Band 41_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.47	23.47	23.63	23.55	23.60	24.5	0			
20	QPSK	1	49	23.41	23.33	23.58	23.51	23.51					
20	QPSK	1	99	23.42	23.24	23.53	23.45	23.39					
20	QPSK	50	0	22.76	22.51	22.78	22.76	22.74					
20	QPSK	50	24	22.68	22.47	22.72	22.74	22.73					
20	QPSK	50	50	22.57	22.44	22.70	22.70	22.70	23.5	1			
20	QPSK	100	0	22.84	22.49	22.75	22.72	22.71					
20	16QAM	1	0	22.84	22.43	22.70	22.67	22.94					
20	16QAM	1	49	22.70	22.47	22.75	22.75	22.85	23.5			1	
20	16QAM	1	99	22.66	22.63	22.77	22.81	22.86					
20	16QAM	50	0	21.62	21.43	21.72	21.75	21.93					
20	16QAM	50	24	21.86	21.57	21.64	21.68	21.83	22.5	2			
20	16QAM	50	50	21.75	21.54	21.77	21.78	21.76					
20	16QAM	100	0	21.66	21.50	21.73	21.75	21.85					
20	64QAM	1	0	21.37	21.11	21.39	21.38	21.64					
20	64QAM	1	49	21.40	21.17	21.43	21.50	21.56	22.5			2	
20	64QAM	1	99	21.38	21.33	21.45	21.51	21.37					
20	64QAM	50	0	20.58	20.41	20.70	20.72	20.91					
20	64QAM	50	24	20.53	20.41	20.44	20.47	20.81					
20	64QAM	50	50	20.70	20.49	20.73	20.75	20.77	21.5	3			
20	64QAM	100	0	20.62	20.48	20.69	20.74	20.81					
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)				MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.36	23.42	23.56	23.46	23.47	24.5			0	
15	QPSK	1	37	23.27	23.22	23.46	23.43	23.36					
15	QPSK	1	74	23.33	23.15	23.41	23.34	23.26					
15	QPSK	36	0	22.68	22.48	22.67	22.70	22.63					
15	QPSK	36	20	22.59	22.39	22.61	22.68	22.67	23.5	1			
15	QPSK	36	39	22.44	22.29	22.67	22.55	22.55					
15	QPSK	75	0	22.53	22.38	22.70	22.62	22.63					
15	16QAM	1	0	22.54	22.29	22.58	22.55	22.80					
15	16QAM	1	37	22.56	22.34	22.61	22.70	22.74	23.5			1	
15	16QAM	1	74	22.58	22.51	22.67	22.67	22.54					
15	16QAM	36	0	21.50	21.32	21.64	21.65	21.85					
15	16QAM	36	20	21.53	21.39	21.61	21.74	21.76	22.5	2			
15	16QAM	36	39	21.69	21.40	21.67	21.69	21.70					
15	16QAM	75	0	21.54	21.43	21.62	21.61	21.73					
15	64QAM	1	0	21.27	21.00	21.30	21.33	21.49					
15	64QAM	1	37	21.30	21.09	21.35	21.43	21.43	22.5			2	
15	64QAM	1	74	21.31	21.21	21.38	21.39	21.23					
15	64QAM	36	0	20.52	20.28	20.55	20.65	20.77					
15	64QAM	36	20	20.53	20.31	20.63	20.72	20.88					
15	64QAM	36	39	20.65	20.41	20.65	20.66	20.65	21.5	3			
15	64QAM	75	0	20.47	20.36	20.63	20.68	20.66					
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)				MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	23.36	23.38	23.48	23.30	23.47	24.5			0	
10	QPSK	1	25	23.36	23.25	23.48	23.48	23.48					
10	QPSK	1	49	23.37	23.10	23.39	23.32	23.26					
10	QPSK	25	0	22.61	22.46	22.64	22.69	22.64					
10	QPSK	25	12	22.63	22.32	22.59	22.66	22.62	23.5	1			
10	QPSK	25	25	22.42	22.36	22.67	22.59	22.59					
10	QPSK	50	0	22.53	22.40	22.67	22.60	22.61					
10	16QAM	1	0	22.56	22.38	22.61	22.57	22.56					
10	16QAM	1	25	22.60	22.38	22.60	22.69	22.78	23.5			1	
10	16QAM	1	49	22.57	22.57	22.67	22.68	22.59					
10	16QAM	25	0	21.47	21.28	21.57	21.69	21.88					
10	16QAM	25	12	21.56	21.35	21.68	21.69	21.71	22.5	2			
10	16QAM	25	25	21.62	21.46	21.71	21.70	21.64					
10	64QAM	50	0	21.58	21.41	21.64	21.59	21.72					
10	64QAM	1	0	21.29	20.97	21.27	21.26	21.57					
10	64QAM	1	25	21.26	21.02	21.32	21.38	21.48	22.5			2	
10	64QAM	1	49	21.32	21.19	21.36	21.37	21.31					
10	64QAM	25	0	20.50	20.34	20.59	20.63	20.82					
10	64QAM	25	12	20.49	20.36	20.59	20.65	20.71					
10	64QAM	25	25	20.59	20.41	20.65	20.62	20.61	21.5	3			
10	64QAM	50	0	20.47	20.38	20.61	20.68	20.74					
Channel				39575	40145	40620	41093	41565	Tune-up limit (dBm)				MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	23.36	23.41	23.54	23.42	23.52	24.5			0	
5	QPSK	1	12	23.34	23.28	23.48	23.39	23.40					
5	QPSK	1	24	23.27	23.10	23.47	23.31	23.25					
5	QPSK	12	0	22.64	22.45	22.69	22.66	22.63					
5	QPSK	12	7	22.60	22.33	22.65	22.60	22.56	23.5	1			
5	QPSK	12	12	22.42	22.36	22.61	22.57	22.56					
5	QPSK	25	0	22.57	22.34	22.64	22.64	22.65					
5	16QAM	1	0	22.55	22.29	22.64	22.53	22.85					
5	16QAM	1	12	22.57	22.41	22.70	22.68	22.70	23.5			1	
5	16QAM	1	24	22.54	22.58	22.72	22.75	22.59					
5	16QAM	12	7	21.51	21.34	21.59	21.66	21.80					
5	16QAM	12	12	21.81	21.68	21.64	21.70	21.72	22.5	2			
5	16QAM	12	13	21.58	21.42	21.62	21.65	21.79					
5	64QAM	1	0	21.59	21.45	21.59	21.70	21.85					
5	64QAM	1	12	21.27	20.97	21.26	21.24	21.59	22.5			2	
5	64QAM	1	24	21.32	21.24	21.36	21.38	21.30					
5	64QAM	12	0	20.53	20.32	20.55	20.58	20.71					
5	64QAM	12	7	20.53	20.37	20.61	20.68	20.68	21.5	3			
5	64QAM	12	13	20.64	20.38	20.63	20.69	20.61					
5	64QAM	25	0	20.55	20.39	20.58	20.67	20.75					

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.35	23.41	23.44	23.33	23.28	24.2	0	
20	QPSK	1	49	23.23	23.35	23.38	23.30	23.19			
20	QPSK	1	99	23.28	23.39	23.43	23.22	23.27			
20	QPSK	50	0	23.26	23.36	23.43	23.28	23.23			
20	QPSK	50	24	23.15	23.25	23.29	23.27	23.16	24.2	0	
20	QPSK	50	50	23.16	23.27	23.35	23.19	23.17			
20	QPSK	100	0	23.25	23.31	23.33	23.22	23.22			
20	16QAM	1	0	23.24	23.25	23.37	23.22	23.17			
20	16QAM	1	49	23.10	23.24	23.22	23.23	23.15	24.2	0	
20	16QAM	1	99	23.14	23.19	23.23	23.16	23.12			
20	16QAM	50	0	23.16	22.96	23.09	22.95	23.23			
20	16QAM	50	24	23.23	22.97	23.11	23.00	23.16			
20	16QAM	50	50	23.28	23.08	23.08	22.90	23.11	23.7	0.5	
20	16QAM	100	0	23.19	23.05	23.07	22.86	23.12			
20	64QAM	1	0	23.00	22.65	22.89	22.55	22.90			
20	64QAM	1	49	23.01	22.73	22.84	22.60	22.96			
20	64QAM	1	99	22.92	22.85	22.74	22.67	22.79	23.7	0.5	
20	64QAM	50	0	22.14	21.95	22.07	21.89	22.17			
20	64QAM	50	24	22.29	21.96	22.10	21.95	22.19			
20	64QAM	50	50	22.31	22.07	22.09	21.94	22.13			
20	64QAM	100	0	22.26	21.98	22.04	21.94	22.20	22.7	1.5	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.23	23.32	23.37	23.30	23.17	24.2	0	
15	QPSK	1	37	23.21	23.30	23.27	23.23	23.17			
15	QPSK	1	74	23.26	23.27	23.34	23.18	23.21			
15	QPSK	36	0	23.20	23.30	23.33	23.26	23.18			
15	QPSK	36	20	23.07	23.20	23.24	23.21	23.13	24.2	0	
15	QPSK	36	39	23.12	23.20	23.33	23.15	23.16			
15	QPSK	75	0	23.13	23.22	23.30	23.16	23.14			
15	16QAM	1	0	23.20	23.21	23.36	23.20	23.12			
15	16QAM	1	37	23.01	23.16	23.18	23.21	23.06	24.2	0	
15	16QAM	1	74	23.12	23.09	23.22	23.11	23.00			
15	16QAM	36	0	23.07	22.84	23.07	22.94	23.16			
15	16QAM	36	20	23.13	22.94	23.01	22.88	23.10			
15	16QAM	36	39	23.24	22.99	23.07	22.82	23.00	23.7	0.5	
15	16QAM	75	0	23.09	22.94	23.00	22.78	23.04			
15	64QAM	1	0	22.94	22.58	22.87	22.52	22.87			
15	64QAM	1	37	22.99	22.64	22.75	22.58	22.92			
15	64QAM	1	74	22.84	22.77	22.69	22.58	22.77	23.7	0.5	
15	64QAM	36	0	22.11	21.84	21.99	21.83	22.06			
15	64QAM	36	20	22.17	21.92	22.06	21.89	22.09			
15	64QAM	36	39	22.22	22.04	21.99	21.92	22.05			
15	64QAM	75	0	22.16	21.97	21.96	21.82	22.11	22.7	1.5	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.26	23.34	23.32	23.23	23.20	24.2	0	
10	QPSK	1	25	23.15	23.27	23.28	23.21	23.13			
10	QPSK	1	49	23.20	23.35	23.39	23.19	23.16			
10	QPSK	25	0	23.27	23.24	23.34	23.26	23.19			
10	QPSK	25	12	23.13	23.22	23.21	23.26	23.13	24.2	0	
10	QPSK	25	25	23.04	23.20	23.25	23.11	23.07			
10	QPSK	50	0	23.23	23.20	23.26	23.13	23.21			
10	16QAM	1	0	23.22	23.20	23.32	23.11	23.12			
10	16QAM	1	25	22.98	23.21	23.16	23.11	23.10	24.2	0	
10	16QAM	1	49	23.07	23.17	23.15	23.15	23.06			
10	16QAM	25	0	23.12	22.87	23.02	22.89	23.17			
10	16QAM	25	12	23.13	22.85	23.00	22.99	23.04			
10	16QAM	25	25	23.23	23.04	22.97	22.84	23.08	23.7	0.5	
10	16QAM	50	0	23.15	22.98	22.99	22.79	23.00			
10	64QAM	1	0	22.91	22.59	22.81	22.50	22.88			
10	64QAM	1	25	22.97	22.69	22.82	22.49	22.88			
10	64QAM	1	49	22.83	22.82	22.66	22.63	22.72	23.7	0.5	
10	64QAM	25	0	22.93	21.86	22.01	21.81	22.06			
10	64QAM	25	12	22.24	21.87	22.00	21.84	22.08			
10	64QAM	25	25	22.25	21.98	22.07	21.92	22.12			
10	64QAM	50	0	22.16	21.87	21.92	21.92	22.15	22.7	1.5	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.31	23.37	23.36	23.22	23.21	24.2	0	
5	QPSK	1	12	23.21	23.25	23.27	23.26	23.08			
5	QPSK	1	24	23.20	23.37	23.38	23.11	23.15			
5	QPSK	12	0	23.16	23.29	23.39	23.23	23.20			
5	QPSK	12	7	23.08	23.16	23.20	23.26	23.15	24.2	0	
5	QPSK	12	13	23.12	23.15	23.25	23.10	23.10			
5	QPSK	25	0	23.21	23.27	23.32	23.21	23.20			
5	16QAM	1	0	23.14	23.24	23.35	23.16	23.06			
5	16QAM	1	12	23.04	23.14	23.13	23.11	23.09	24.2	0	
5	16QAM	1	24	23.07	23.14	23.19	23.08	23.04			
5	16QAM	12	0	23.04	22.87	22.99	22.83	23.22			
5	16QAM	12	7	23.13	22.90	23.05	22.93	23.15			
5	16QAM	12	13	23.19	23.01	23.04	22.89	23.06	23.7	0.5	
5	16QAM	25	0	23.17	22.93	22.95	22.81	23.04			
5	64QAM	1	0	22.92	22.58	22.82	22.54	22.79			
5	64QAM	1	12	22.91	22.70	22.77	22.54	22.84			
5	64QAM	1	24	22.86	22.79	22.65	22.62	22.72	23.7	0.5	
5	64QAM	12	0	22.07	21.83	21.95	21.84	22.06			
5	64QAM	12	7	22.27	21.85	22.07	21.87	22.16			
5	64QAM	12	13	22.28	22.02	22.02	21.89	22.01			
5	64QAM	25	0	22.16	21.87	21.93	21.91	22.08	22.7	1.5	

Band 42_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)		
Channel				42190	42590	42990				
Frequency (MHz)				3460	3500	3540				
20	QPSK	1	0	23.33	23.56	23.50	25	0		
20	QPSK	1	49	23.26	23.38	23.48				
20	QPSK	1	99	23.21	23.41	23.42				
20	QPSK	50	0	22.52	22.60	22.58				
20	QPSK	50	24	22.46	22.58	22.52	24	1		
20	QPSK	50	50	22.42	22.56	22.57				
20	QPSK	100	0	22.44	22.56	22.50				
20	16QAM	1	0	22.51	22.66	22.75				
20	16QAM	1	49	22.45	22.53	22.70	24	1		
20	16QAM	1	99	22.52	22.60	22.69				
20	16QAM	50	0	21.50	21.59	21.73	23	2		
20	16QAM	50	24	21.45	21.54	21.71				
20	16QAM	50	50	21.45	21.57	21.68				
20	16QAM	100	0	21.45	21.55	21.67				
20	64QAM	1	0	21.27	21.39	21.47	23	2		
20	64QAM	1	49	21.19	21.28	21.44				
20	64QAM	1	99	21.24	21.36	21.46				
20	64QAM	50	0	20.49	20.57	20.71				
20	64QAM	50	24	20.42	20.56	20.71	22	3		
20	64QAM	50	50	20.41	20.52	20.69				
20	64QAM	100	0	20.45	20.53	20.66				
Channel				42165	42590	43015			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3457.5	3500	3542.5				
15	QPSK	1	0	23.20	23.49	23.37	25	0		
15	QPSK	1	37	23.15	23.25	23.36				
15	QPSK	1	74	23.16	23.30	23.32				
15	QPSK	36	0	22.39	22.50	22.52				
15	QPSK	36	20	22.43	22.47	22.37	24	1		
15	QPSK	36	36	22.36	22.45	22.46				
15	QPSK	75	0	22.35	22.49	22.38				
15	16QAM	1	0	22.39	22.52	22.68				
15	16QAM	1	37	22.30	22.46	22.60	24	1		
15	16QAM	1	74	22.39	22.52	22.58				
15	16QAM	36	0	21.43	21.51	21.63				
15	16QAM	36	20	21.30	21.45	21.63				
15	16QAM	36	36	21.30	21.45	21.56	23	2		
15	16QAM	75	0	21.30	21.41	21.58				
15	64QAM	1	0	21.14	21.27	21.39				
15	64QAM	1	37	21.05	21.16	21.30				
15	64QAM	1	74	21.12	21.27	21.38	23	2		
15	64QAM	36	0	20.42	20.44	20.59				
15	64QAM	36	20	20.34	20.51	20.60				
15	64QAM	36	36	20.34	20.37	20.63				
15	64QAM	75	0	20.30	20.43	20.60	22	3		
Channel				42140	42590	43040			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3455	3500	3545				
10	QPSK	1	0	23.20	23.45	23.45			25	0
10	QPSK	1	25	23.20	23.32	23.41				
10	QPSK	1	49	23.09	23.34	23.34				
10	QPSK	25	0	22.46	22.47	22.49				
10	QPSK	25	12	22.43	22.53	22.47	24	1		
10	QPSK	25	25	22.27	22.41	22.43				
10	QPSK	50	0	22.35	22.51	22.39				
10	16QAM	1	0	22.39	22.53	22.68				
10	16QAM	1	25	22.37	22.38	22.58	24	1		
10	16QAM	1	49	22.37	22.49	22.59				
10	16QAM	25	0	21.38	21.49	21.68				
10	16QAM	25	12	21.32	21.48	21.66				
10	16QAM	25	25	21.39	21.51	21.62	23	2		
10	16QAM	50	0	21.40	21.50	21.64				
10	64QAM	1	0	21.22	21.31	21.36				
10	64QAM	1	25	21.07	21.23	21.33				
10	64QAM	1	49	21.18	21.25	21.31	23	2		
10	64QAM	25	0	20.43	20.47	20.58				
10	64QAM	25	12	20.30	20.50	20.66				
10	64QAM	25	25	20.29	20.45	20.56				
10	64QAM	50	0	20.31	20.43	20.54	22	3		
Channel				42115	42590	43065			Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3452.5	3500	3547.5				
5	QPSK	1	0	23.26	23.41	23.36			25	0
5	QPSK	1	12	23.21	23.29	23.40				
5	QPSK	1	24	23.09	23.36	23.28				
5	QPSK	12	0	22.42	22.51	22.53				
5	QPSK	12	7	22.41	22.52	22.38	24	1		
5	QPSK	12	13	22.34	22.48	22.45				
5	QPSK	26	0	22.32	22.47	22.43				
5	16QAM	1	0	22.40	22.55	22.68				
5	16QAM	1	12	22.39	22.44	22.64	24	1		
5	16QAM	1	24	22.41	22.54	22.55				
5	16QAM	12	0	21.38	21.44	21.63				
5	16QAM	12	7	21.37	21.42	21.64				
5	16QAM	12	13	21.37	21.43	21.64	23	2		
5	16QAM	25	0	21.40	21.47	21.56				
5	64QAM	1	0	21.17	21.29	21.43				
5	64QAM	1	12	21.13	21.13	21.38				
5	64QAM	1	24	21.12	21.27	21.33	23	2		
5	64QAM	12	0	20.44	20.45	20.56				
5	64QAM	12	7	20.35	20.40	20.55				
5	64QAM	12	13	20.26	20.38	20.55				
5	64QAM	25	0	20.32	20.38	20.56	22	3		

Band 42 _Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	21.93	22.06	22.01	23	0	
20	QPSK	1	49	21.85	22.03	21.91			
20	QPSK	1	99	21.87	22.00	22.00			
20	QPSK	50	0	21.89	22.03	21.93			
20	QPSK	50	24	21.77	21.96	21.81	23	0	
20	QPSK	50	50	21.77	21.90	21.89			
20	QPSK	100	0	21.78	21.99	21.89			
20	16QAM	1	0	21.91	21.97	21.97			
20	16QAM	1	49	21.83	21.92	21.82	23	0	
20	16QAM	1	99	21.85	21.95	21.92			
20	16QAM	50	0	21.80	21.91	21.82			
20	16QAM	50	24	21.68	21.92	21.77			
20	16QAM	50	50	21.85	21.83	21.83	23	0	
20	16QAM	100	0	21.71	21.97	21.80			
20	64QAM	1	0	21.88	21.97	21.94			
20	64QAM	1	49	21.75	21.92	21.82			
20	64QAM	1	99	21.85	21.97	21.91	23	0	
20	64QAM	50	0	21.79	21.94	21.86			
20	64QAM	50	24	21.70	21.85	21.73			
20	64QAM	50	50	21.73	21.79	21.79			
20	64QAM	100	0	21.74	21.91	21.82			
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	21.88	22.00	21.89	23	0	
15	QPSK	1	37	21.74	21.96	21.83			
15	QPSK	1	74	21.85	21.97	21.93			
15	QPSK	36	0	21.85	21.92	21.82			
15	QPSK	36	20	21.67	21.94	21.77	23	0	
15	QPSK	36	39	21.76	21.86	21.82			
15	QPSK	75	0	21.72	21.88	21.80			
15	16QAM	1	0	21.81	21.86	21.89			
15	16QAM	1	37	21.73	21.82	21.75	23	0	
15	16QAM	1	74	21.76	21.87	21.88			
15	16QAM	36	0	21.76	21.88	21.72			
15	16QAM	36	20	21.61	21.84	21.71			
15	16QAM	36	39	21.56	21.76	21.77	23	0	
15	16QAM	75	0	21.60	21.93	21.72			
15	64QAM	1	0	21.76	21.91	21.93			
15	64QAM	1	37	21.68	21.96	21.72			
15	64QAM	1	74	21.77	21.93	21.80	23	0	
15	64QAM	36	0	21.76	21.87	21.75			
15	64QAM	36	20	21.63	21.81	21.69			
15	64QAM	36	39	21.71	21.74	21.78			
15	64QAM	75	0	21.69	21.86	21.79			
Channel				42140	42590	43040	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	21.84	21.96	21.94	23	0	
10	QPSK	1	25	21.79	21.96	21.82			
10	QPSK	1	49	21.78	21.95	21.91			
10	QPSK	25	0	21.88	21.94	21.87			
10	QPSK	25	12	21.66	21.92	21.70	23	0	
10	QPSK	25	25	21.71	21.81	21.84			
10	QPSK	50	0	21.72	21.98	21.77			
10	16QAM	1	0	21.81	21.85	21.93			
10	16QAM	1	25	21.80	21.87	21.73	23	0	
10	16QAM	1	49	21.79	21.88	21.82			
10	16QAM	25	0	21.71	21.89	21.81			
10	16QAM	25	12	21.57	21.84	21.68			
10	16QAM	25	25	21.60	21.78	21.82	23	0	
10	16QAM	50	0	21.70	21.85	21.74			
10	64QAM	1	0	21.75	21.89	21.83			
10	64QAM	1	25	21.73	21.82	21.78			
10	64QAM	1	49	21.84	21.85	21.89	23	0	
10	64QAM	25	0	21.67	21.87	21.79			
10	64QAM	25	12	21.66	21.76	21.64			
10	64QAM	25	25	21.70	21.68	21.69			
10	64QAM	50	0	21.73	21.83	21.80			
Channel				42115	42590	43065	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	21.88	21.97	21.96	23	0	
5	QPSK	1	12	21.76	21.93	21.80			
5	QPSK	1	24	21.80	21.97	21.90			
5	QPSK	12	0	21.81	21.92	21.87			
5	QPSK	12	7	21.70	21.93	21.69	23	0	
5	QPSK	12	13	21.68	21.78	21.79			
5	QPSK	25	0	21.69	21.92	21.84			
5	16QAM	1	0	21.80	21.88	21.90			
5	16QAM	1	12	21.78	21.90	21.76	23	0	
5	16QAM	1	24	21.79	21.86	21.84			
5	16QAM	12	0	21.70	21.90	21.80			
5	16QAM	12	7	21.56	21.85	21.76			
5	16QAM	12	13	21.59	21.77	21.80	23	0	
5	16QAM	25	0	21.68	21.90	21.74			
5	64QAM	1	0	21.81	21.94	21.83			
5	64QAM	1	12	21.71	21.89	21.81			
5	64QAM	1	24	21.79	21.86	21.83	23	0	
5	64QAM	12	0	21.76	21.90	21.80			
5	64QAM	12	7	21.65	21.75	21.70			
5	64QAM	12	13	21.70	21.70	21.72			
5	64QAM	25	0	21.62	21.89	21.78			

Band 42 _Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	21.5	0	
20	QPSK	1	0	19.82	19.99	19.95			
20	QPSK	1	49	19.77	19.88	19.90	21.5	0	
20	QPSK	1	99	19.77	19.88	19.93			
20	QPSK	50	0	19.74	19.96	19.94	21.5	0	
20	QPSK	50	24	19.68	19.83	19.82			
20	QPSK	50	50	19.71	19.87	19.85	21.5	0	
20	QPSK	100	0	19.65	19.93	19.92			
20	16QAM	1	0	19.78	19.95	19.94	21.5	0	
20	16QAM	1	49	19.68	19.77	19.80			
20	16QAM	1	99	19.74	19.85	19.81	21.5	0	
20	16QAM	50	0	19.66	19.92	19.88			
20	16QAM	50	24	19.64	19.72	19.72	21.5	0	
20	16QAM	50	50	19.69	19.86	19.80			
20	16QAM	100	0	19.63	19.81	19.80	21.5	0	
20	64QAM	1	0	19.79	19.97	19.84			
20	64QAM	1	49	19.69	19.81	19.80	21.5	0	
20	64QAM	1	99	19.66	19.81	19.85			
20	64QAM	50	0	19.67	19.89	19.84	21.5	0	
20	64QAM	50	24	19.64	19.82	19.70			
20	64QAM	50	50	19.60	19.83	19.82	21.5	0	
20	64QAM	100	0	19.64	19.82	19.88			
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.72	19.93	19.84	21.5	0	
15	QPSK	1	37	19.74	19.87	19.85			
15	QPSK	1	74	19.75	19.81	19.87	21.5	0	
15	QPSK	36	0	19.66	19.93	19.83			
15	QPSK	36	20	19.56	19.73	19.81	21.5	0	
15	QPSK	36	39	19.62	19.86	19.75			
15	QPSK	75	0	19.58	19.82	19.85	21.5	0	
15	16QAM	1	0	19.76	19.83	19.92			
15	16QAM	1	37	19.65	19.85	19.73	21.5	0	
15	16QAM	1	74	19.65	19.80	19.86			
15	16QAM	36	0	19.62	19.84	19.82	21.5	0	
15	16QAM	36	20	19.54	19.66	19.71			
15	16QAM	36	39	19.57	19.79	19.72	21.5	0	
15	16QAM	75	0	19.53	19.72	19.77			
15	64QAM	1	0	19.75	19.90	19.73	21.5	0	
15	64QAM	1	37	19.66	19.76	19.74			
15	64QAM	1	74	19.59	19.74	19.74	21.5	0	
15	64QAM	36	0	19.55	19.78	19.81			
15	64QAM	36	20	19.54	19.74	19.65	21.5	0	
15	64QAM	36	39	19.57	19.72	19.70			
15	64QAM	75	0	19.52	19.71	19.87	21.5	0	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.73	19.94	19.85	21.5	0	
10	QPSK	1	25	19.75	19.77	19.78			
10	QPSK	1	49	19.74	19.78	19.91	21.5	0	
10	QPSK	25	0	19.69	19.89	19.93			
10	QPSK	25	12	19.67	19.82	19.71	21.5	0	
10	QPSK	25	25	19.63	19.77	19.82			
10	QPSK	50	0	19.56	19.87	19.86	21.5	0	
10	16QAM	1	0	19.69	19.94	19.89			
10	16QAM	1	25	19.64	19.70	19.68	21.5	0	
10	16QAM	1	49	19.71	19.83	19.79			
10	16QAM	25	0	19.61	19.82	19.87	21.5	0	
10	16QAM	25	12	19.57	19.69	19.65			
10	16QAM	25	25	19.61	19.76	19.79	21.5	0	
10	16QAM	50	0	19.57	19.74	19.72			
10	64QAM	1	0	19.66	19.85	19.72	21.5	0	
10	64QAM	1	25	19.68	19.74	19.71			
10	64QAM	1	49	19.57	19.78	19.76	21.5	0	
10	64QAM	25	0	19.61	19.84	19.81			
10	64QAM	25	12	19.58	19.79	19.68	21.5	0	
10	64QAM	25	25	19.58	19.80	19.76			
10	64QAM	50	0	19.55	19.76	19.53	21.5	0	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.70	19.96	19.85	21.5	0	
5	QPSK	1	12	19.70	19.85	19.85			
5	QPSK	1	24	19.70	19.85	19.81	21.5	0	
5	QPSK	12	0	19.65	19.91	19.88			
5	QPSK	12	7	19.62	19.80	19.76	21.5	0	
5	QPSK	12	13	19.60	19.85	19.81			
5	QPSK	12	0	19.58	19.87	19.91	21.5	0	
5	16QAM	1	0	19.69	19.93	19.90			
5	16QAM	1	12	19.61	19.75	19.70	21.5	0	
5	16QAM	1	24	19.70	19.79	19.87			
5	16QAM	12	0	19.58	19.81	19.78	21.5	0	
5	16QAM	12	7	19.55	19.62	19.66			
5	16QAM	12	13	19.58	19.84	19.71	21.5	0	
5	16QAM	25	0	19.62	19.74	19.69			
5	64QAM	1	0	19.78	19.95	19.72	21.5	0	
5	64QAM	1	12	19.63	19.73	19.71			
5	64QAM	1	24	19.55	19.71	19.74	21.5	0	
5	64QAM	12	0	19.66	19.77	19.76			
5	64QAM	12	7	19.56	19.74	19.61	21.5	0	
5	64QAM	12	13	19.55	19.75	19.81			
5	64QAM	25	0	19.56	19.81	19.86	21.5	0	

Band 42_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	21	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	19.65	19.83	19.77	21	0	
20	QPSK	1	49	19.58	19.73	19.73			
20	QPSK	1	99	19.61	19.65	19.72			
20	QPSK	50	0	19.64	19.75	19.73			
20	QPSK	50	24	19.56	19.63	19.71			
20	QPSK	50	50	19.45	19.61	19.61			
20	QPSK	100	0	19.54	19.69	19.58	21	0	
20	16QAM	1	0	19.60	19.74	19.66			
20	16QAM	1	49	19.49	19.63	19.72			
20	16QAM	1	99	19.50	19.57	19.68			
20	16QAM	50	0	19.53	19.64	19.66			
20	16QAM	50	24	19.51	19.60	19.59			
20	16QAM	50	50	19.34	19.53	19.53	21	0	
20	16QAM	100	0	19.45	19.59	19.54			
20	64QAM	1	0	19.64	19.73	19.69			
20	64QAM	1	49	19.51	19.71	19.69			
20	64QAM	1	99	19.50	19.55	19.65			
20	64QAM	50	0	19.53	19.73	19.72			
20	64QAM	50	24	19.55	19.58	19.67	21	0	
20	64QAM	50	50	19.43	19.52	19.57			
20	64QAM	100	0	19.47	19.64	19.50			
Channel				42165	42590	43015	21	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.53	19.79	19.69	21	0	
15	QPSK	1	37	19.51	19.64	19.67			
15	QPSK	1	74	19.54	19.56	19.66			
15	QPSK	36	0	19.56	19.70	19.72			
15	QPSK	36	20	19.51	19.52	19.66			
15	QPSK	36	39	19.37	19.56	19.60			
15	QPSK	75	0	19.43	19.66	19.48	21	0	
15	16QAM	1	0	19.59	19.69	19.56			
15	16QAM	1	37	19.38	19.61	19.68			
15	16QAM	1	74	19.48	19.47	19.67			
15	16QAM	36	0	19.44	19.60	19.59			
15	16QAM	36	20	19.46	19.56	19.48			
15	16QAM	36	39	19.51	19.45	19.50	21	0	
15	16QAM	75	0	19.42	19.48	19.42			
15	64QAM	1	0	19.54	19.62	19.66			
15	64QAM	1	37	19.40	19.61	19.68			
15	64QAM	1	74	19.49	19.47	19.63			
15	64QAM	36	0	19.50	19.68	19.70			
15	64QAM	36	20	19.49	19.47	19.61	21	0	
15	64QAM	36	39	19.36	19.42	19.51			
15	64QAM	75	0	19.40	19.58	19.47			
Channel				42140	42590	43040	21	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.56	19.74	19.65	21	0	
10	QPSK	1	25	19.56	19.72	19.68			
10	QPSK	1	49	19.53	19.63	19.71			
10	QPSK	25	0	19.55	19.67	19.72			
10	QPSK	25	12	19.51	19.59	19.61			
10	QPSK	25	25	19.33	19.50	19.55			
10	QPSK	50	0	19.51	19.59	19.55	21	0	
10	16QAM	1	0	19.50	19.73	19.59			
10	16QAM	1	25	19.41	19.57	19.71			
10	16QAM	1	49	19.41	19.45	19.68			
10	16QAM	25	0	19.49	19.54	19.60			
10	16QAM	25	12	19.40	19.54	19.48			
10	16QAM	25	25	19.32	19.42	19.47	21	0	
10	16QAM	50	0	19.41	19.54	19.43			
10	64QAM	1	0	19.61	19.69	19.59			
10	64QAM	1	25	19.48	19.62	19.58			
10	64QAM	1	49	19.46	19.54	19.55			
10	64QAM	25	0	19.41	19.61	19.71			
10	64QAM	25	12	19.43	19.57	19.56	21	0	
10	64QAM	25	25	19.36	19.44	19.52			
10	64QAM	50	0	19.40	19.56	19.42			
Channel				42115	42590	43065	21	0	
Frequency (MHz)				3462.5	3500	3547.5			
5	QPSK	1	0	19.53	19.72	19.68	21	0	
5	QPSK	1	12	19.57	19.72	19.61			
5	QPSK	1	24	19.54	19.59	19.70			
5	QPSK	12	0	19.53	19.73	19.63			
5	QPSK	12	7	19.44	19.54	19.69			
5	QPSK	12	13	19.40	19.57	19.58			
5	QPSK	25	0	19.52	19.60	19.53	21	0	
5	16QAM	1	0	19.51	19.71	19.66			
5	16QAM	1	12	19.37	19.59	19.71			
5	16QAM	1	24	19.39	19.56	19.63			
5	16QAM	12	0	19.41	19.61	19.65			
5	16QAM	12	7	19.44	19.58	19.58			
5	16QAM	12	13	19.26	19.43	19.46	21	0	
5	16QAM	25	0	19.39	19.56	19.45			
5	64QAM	1	0	19.57	19.65	19.65			
5	64QAM	1	12	19.41	19.67	19.57			
5	64QAM	1	24	19.44	19.46	19.57			
5	64QAM	12	0	19.49	19.66	19.66			
5	64QAM	12	7	19.48	19.54	19.62	21	0	
5	64QAM	12	13	19.36	19.49	19.54			
5	64QAM	25	0	19.37	19.59	19.46			



DSI 4 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				32.82	32.88	32.87	34.00	23.82	23.88	23.87	25.00
				32.84	32.92	32.90	34.00	23.84	23.92	23.90	25.00
GPRS 2 Tx slot				29.89	29.96	30.05	31.00	23.89	23.96	24.05	25.00
GPRS 3 Tx slots				28.11	28.15	28.24	29.20	23.85	23.89	23.98	24.94
GPRS 4 Tx slots				26.76	26.78	26.74	28.00	23.76	23.78	23.74	25.00
EDGE 1 Tx slot				27.15	27.12	27.31	28.00	18.15	18.12	18.31	19.00
EDGE 2 Tx slots				24.22	24.24	24.35	25.00	18.22	18.24	18.35	19.00
EDGE 3 Tx slots				22.42	22.33	22.43	23.20	18.16	18.07	18.17	18.94
EDGE 4 Tx slots				21.05	21.12	21.13	22.00	18.05	18.12	18.13	19.00

GSM850_Ant 1				Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
TX Channel				128	189	251			128	189	251		
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8			
GSM 1 Tx slot				31.27	31.39	31.42	32.50	22.27	22.39	22.42	23.50		
				31.30	31.40	31.44	32.50	22.30	22.40	22.44	23.50		
GPRS 2 Tx slots				28.23	28.33	28.39	29.50	22.23	22.33	22.39	23.50		
				26.47	26.56	26.62	27.70	22.21	22.30	22.36	23.44		
GPRS 4 Tx slots				25.23	25.28	25.26	26.50	22.23	22.28	22.26	23.50		
				25.54	25.60	25.75	26.50	16.54	16.60	16.75	17.50		
EDGE 2 Tx slots				22.76	22.75	22.75	23.50	16.76	16.75	16.75	17.50		
				21.00	21.00	20.99	21.70	16.74	16.74	16.73	17.44		
EDGE 4 Tx slots				19.34	19.50	19.42	20.50	16.34	16.50	16.42	17.50		

GSM1900_Ant 1				Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel				512	661	810		512	661	810	
Frequency (MHz)				1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot				26.77	26.85	26.70	28.00	17.77	17.85	17.70	19.00
				26.88	26.89	26.77	28.00	17.88	17.89	17.77	19.00
GPRS 2 Tx slots				23.72	23.70	23.60	25.00	17.72	17.70	17.60	19.00
				21.94	21.90	21.82	23.20	17.68	17.64	17.56	18.94
GPRS 4 Tx slots				20.60	20.64	20.58	22.00	17.60	17.64	17.58	19.00
				23.12	23.22	23.30	24.00	14.12	14.22	14.30	15.00
EDGE 2 Tx slots				19.71	19.80	19.90	21.00	13.71	13.80	13.90	15.00
				17.35	17.78	17.58	19.20	13.09	13.52	13.32	14.94
EDGE 4 Tx slots				16.02	16.11	16.07	18.00	13.02	13.11	13.07	15.00

GSM1900_Ant 2				Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
TX Channel				512	661	810			512	661	810		
Frequency (MHz)				1850.2	1880	1909.8			1850.2	1880	1909.8		
	GSM 1 Tx slot			29.53	29.65	29.61	30.50		20.53	20.65	20.61	21.50	
				29.60	29.71	29.64	30.50		20.60	20.71	20.64	21.50	
	GPRS 2 Tx slots			26.55	26.64	26.62	27.50		20.55	20.64	20.62	21.50	
				24.77	24.89	24.88	25.70		20.51	20.63	20.62	21.44	
	GPRS 4 Tx slots			23.50	23.57	23.51	24.50		20.50	20.57	20.51	21.50	
				25.92	26.18	26.14	26.50		16.92	17.18	17.14	17.50	
	EDGE 2 Tx slots			22.77	22.91	22.84	23.50		16.77	16.91	16.84	17.50	
				20.38	20.79	20.72	21.70		16.12	16.53	16.46	17.44	
	EDGE 4 Tx slots			18.82	19.12	19.03	20.50		15.82	16.12	16.03	17.50	

Band				WCDMA II_Ant 1				Tune-up Limit (dBm)	WCDMA II_Ant 2				Tune-up Limit (dBm)
TX Channel				9262	9400	9538			9262	9400	9538		
Rx Channel				9662	9800	9938			9662	9800	9938		
Frequency (MHz)				1852.4	1880	1907.6			1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2Kbps			16.98	17.00	16.97	18.50		21.26	21.46	21.36	22.00	
				17.05	17.09	17.03	18.50		21.47	21.50	21.44	22.00	
3GPP Rel 99	RMC 12.2Kbps			16.25	16.24	16.30	17.50		20.24	20.43	20.50	21.00	
				16.23	16.26	16.34	17.50		20.22	20.49	20.49	21.00	
3GPP Rel 6	HSDPA Subtest-1			15.71	15.85	15.87	17.00		19.69	20.00	19.96	20.50	
				15.77	15.78	15.73	17.00		19.67	20.03	19.92	20.50	
3GPP Rel 8	DC-HSDPA Subtest-1			16.22	16.18	16.22	17.50		20.09	20.49	20.49	21.00	
				16.17	16.24	16.26	17.50		20.13	20.40	20.33	21.00	
3GPP Rel 8	DC-HSDPA Subtest-2			15.67	15.73	15.79	17.00		19.55	20.03	19.80	20.50	
				15.67	15.70	15.66	17.00		19.70	19.90	19.86	20.50	
3GPP Rel 6	HSUPA Subtest-1			15.78	15.80	15.83	17.50		20.03	20.07	20.09	21.00	
				15.75	15.75	15.76	17.50		20.10	20.16	20.09	21.00	
3GPP Rel 6	HSUPA Subtest-2			15.31	15.40	15.39	17.00		19.55	19.61	19.65	20.50	
				15.87	15.90	15.93	17.50		20.05	20.01	20.04	21.00	
3GPP Rel 6	HSUPA Subtest-3			14.94	14.93	14.97	16.50		18.98	18.98	18.95	20.00	
				13.87	13.85	13.91	15.50		17.94	17.90	17.86	19.00	

Band			WCDMA IV_Ant 1				Tune-up Limit (dBm)	WCDMA IV_Ant 2				Tune-up Limit (dBm)
TX Channel			1312	1413	1513			1312	1413	1513		
Rx Channel			1537	1638	1738			1537	1638	1738		
Frequency (MHz)			1712.4	1732.6	1752.6		1712.4	1732.6	1752.6			
3GPP Rel 99	AMR 12.2Kbps		17.42	17.40	17.40	19.00	21.91	21.97	21.94	22.50		
3GPP Rel 99	RMC 12.2Kbps		17.43	17.49	17.46	19.00	22.01	22.07	21.95	22.50		
3GPP Rel 6	HSDPA Subtest-1		16.57	16.63	16.60	18.00	20.97	21.08	21.04	21.50		
3GPP Rel 6	HSDPA Subtest-2		16.61	16.69	16.60	18.00	21.05	21.00	21.05	21.50		
3GPP Rel 6	HSDPA Subtest-3		16.08	16.17	16.16	17.50	20.50	20.50	20.53	21.00		
3GPP Rel 6	HSDPA Subtest-4		16.10	16.10	16.12	17.50	20.50	20.49	20.43	21.00		
3GPP Rel 8	DC-HSDPA Subtest-1		16.55	16.52	16.53	18.50	20.90	21.06	20.93	22.00		
3GPP Rel 8	DC-HSDPA Subtest-2		16.51	16.55	16.52	18.50	20.93	21.05	21.02	22.00		
3GPP Rel 8	DC-HSDPA Subtest-3		15.99	16.06	16.04	18.00	20.58	20.49	20.39	21.50		
3GPP Rel 8	DC-HSDPA Subtest-4		16.08	16.06	16.12	18.00	20.57	20.50	20.40	21.50		
3GPP Rel 6	HSUPA Subtest-1		16.68	16.68	16.64	18.00	20.67	20.67	20.63	21.50		
3GPP Rel 6	HSUPA Subtest-2		16.70	16.71	16.74	18.00	20.64	20.68	20.64	21.50		
3GPP Rel 6	HSUPA Subtest-3		16.19	16.19	16.23	17.50	20.05	20.18	20.15	21.00		
3GPP Rel 6	HSUPA Subtest-4		16.66	16.71	16.71	18.00	20.56	20.72	20.63	21.50		
3GPP Rel 6	HSUPA Subtest-5		15.64	15.70	15.67	17.00	19.60	19.63	19.69	20.50		
3GPP Rel 7	HS-PAS (16QAM) Subtest-1		14.61	14.62	14.66	16.00	18.55	18.61	18.68	19.50		



Band 2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	20.12	20.20	20.18	21.5	0	
20	QPSK	1	49	20.05	20.15	20.12			
20	QPSK	1	99	20.06	20.17	20.09			
20	QPSK	50	0	20.01	20.12	20.09	21.5	0	
20	QPSK	50	24	20.00	20.04	20.08			
20	QPSK	50	50	20.00	20.10	20.01			
20	QPSK	100	0	19.91	20.07	20.03	21.5	0	
20	16QAM	1	0	20.11	20.18	20.15			
20	16QAM	1	49	20.01	20.13	20.07			
20	16QAM	1	99	20.04	20.12	20.06	21.5	0	
20	16QAM	50	0	20.00	20.01	20.07			
20	16QAM	50	24	19.97	20.02	20.07			
20	16QAM	50	50	19.93	20.07	19.89	21.5	0	
20	16QAM	100	0	19.91	20.02	19.99			
20	64QAM	1	0	20.04	20.13	20.16			
20	64QAM	1	49	19.99	20.09	20.10	21.5	0	
20	64QAM	1	99	20.02	20.09	19.97			
20	64QAM	50	0	19.97	20.11	20.05			
20	64QAM	50	24	19.99	20.03	20.03	21.5	0	
20	64QAM	50	50	19.92	20.03	19.97			
20	64QAM	100	0	19.87	20.02	20.01			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	20.01	20.12	20.16	21.5	0	
15	QPSK	1	37	20.03	20.03	20.05			
15	QPSK	1	74	19.99	20.08	20.00			
15	QPSK	36	0	19.91	20.02	20.01	21.5	0	
15	QPSK	36	20	19.91	20.03	19.97			
15	QPSK	36	39	19.91	20.04	20.00			
15	QPSK	75	0	19.83	20.05	19.94	21.5	0	
15	16QAM	1	0	19.99	20.14	20.11			
15	16QAM	1	37	19.98	20.11	19.95			
15	16QAM	1	74	20.03	20.05	20.04	21.5	0	
15	16QAM	36	0	19.92	19.99	20.01			
15	16QAM	36	20	19.95	19.97	20.01			
15	16QAM	36	39	19.85	20.05	19.78	21.5	0	
15	16QAM	75	0	19.76	20.00	19.93			
15	64QAM	1	0	19.95	20.08	20.08			
15	64QAM	1	37	19.95	20.03	20.05	21.5	0	
15	64QAM	1	74	20.01	20.06	19.92			
15	64QAM	36	0	19.92	20.10	19.96			
15	64QAM	36	20	19.92	19.99	19.93	21.5	0	
15	64QAM	36	39	19.87	20.01	19.92			
15	64QAM	75	0	19.83	19.93	19.92			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	20.09	20.17	20.10	21.5	0	
10	QPSK	1	25	20.02	20.10	20.09			
10	QPSK	1	49	20.03	20.09	20.00			
10	QPSK	25	0	19.97	20.03	20.05	21.5	0	
10	QPSK	25	12	19.90	19.96	19.98			
10	QPSK	25	25	19.90	20.00	19.93			
10	QPSK	50	0	19.82	20.01	19.93	21.5	0	
10	16QAM	1	0	20.04	20.15	20.11			
10	16QAM	1	25	19.99	20.12	20.00			
10	16QAM	1	49	19.94	20.01	19.95	21.5	0	
10	16QAM	25	0	19.96	19.89	20.04			
10	16QAM	25	12	19.96	19.96	19.97			
10	16QAM	25	25	19.82	20.02	19.84	21.5	0	
10	16QAM	50	0	19.75	19.83	19.87			
10	64QAM	1	0	19.92	20.06	20.04			
10	64QAM	1	49	19.99	20.06	19.95	21.5	0	
10	64QAM	25	0	19.95	20.06	19.97			
10	64QAM	25	12	19.90	19.94	19.97			
10	64QAM	25	25	19.88	19.97	19.96	21.5	0	
10	64QAM	50	0	19.84	19.91	19.84			
10	64QAM	50	0	19.85	19.91	19.85			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	20.01	20.19	20.06	21.5	0	
5	QPSK	1	12	20.01	20.11	20.07			
5	QPSK	1	24	20.03	20.09	19.98			
5	QPSK	12	0	19.92	20.05	19.98	21.5	0	
5	QPSK	12	7	19.96	20.00	19.99			
5	QPSK	12	13	19.92	20.02	19.99			
5	QPSK	25	0	19.82	19.95	19.94	21.5	0	
5	16QAM	1	0	20.03	20.07	20.09			
5	16QAM	1	12	19.93	20.08	19.98			
5	16QAM	1	24	20.03	20.06	20.02	21.5	0	
5	16QAM	12	0	19.98	19.91	19.95			
5	16QAM	12	7	19.85	19.94	19.98			
5	16QAM	12	13	19.87	20.04	19.82	21.5	0	
5	16QAM	25	0	19.79	19.94	19.92			
5	64QAM	1	0	19.94	20.05	20.08			
5	64QAM	1	12	19.95	20.05	20.04	21.5	0	
5	64QAM	1	24	19.95	20.00	19.90			
5	64QAM	12	0	19.85	20.00	19.93			
5	64QAM	12	7	19.92	20.01	19.96	21.5	0	
5	64QAM	12	13	19.84	20.02	19.96			
5	64QAM	25	0	19.76	19.94	19.97			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	20.05	20.09	20.11	21.5	0	
3	QPSK	1	8	20.03	20.04	20.08			
3	QPSK	1	14	20.07	20.07	20.05			
3	QPSK	8	0	19.90	20.07	20.05	21.5	0	
3	QPSK	8	4	19.91	20.01	19.98			
3	QPSK	8	7	19.89	19.98	19.93			
3	QPSK	15	0	19.85	20.00	19.91	21.5	0	
3	16QAM	1	0	20.00	20.17	20.13			
3	16QAM	1	8	19.97	20.12	20.03			
3	16QAM	1	14	19.93	20.02	20.04	21.5	0	
3	16QAM	8	0	19.99	19.89	19.96			
3	16QAM	8	4	19.93	19.90	20.06			
3	16QAM	8	7	19.90	19.97	19.87	21.5	0	
3	16QAM	15	0	19.79	20.01	19.95			
3	64QAM	1	0	19.92	20.03	20.04			
3	64QAM	1	8	19.92	20.06	20.09	21.5	0	
3	64QAM	1	14	19.95	20.05	19.94			
3	64QAM	8	0	19.86	19.99	19.95			
3	64QAM	8	4	19.94	19.98	19.93	21.5	0	
3	64QAM	8	7	19.90	19.92	19.89			
3	64QAM	15	0	19.81	20.01	19.96			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	20.05	20.15	20.12	21.5	0	
1.4	QPSK	1	3	20.04	20.04	20.05			
1.4	QPSK	1	5	20.05	20.07	19.98			
1.4	QPSK	3	0	20.00	20.06	19.97	21.5	0	
1.4	QPSK	3	1	19.99	19.99	20.02			
1.4	QPSK	3	3	19.94	20.09	19.92			
1.4	QPSK	6	0	19.94	20.05	19.96	21.5	0	
1.4	16QAM	1	0	20.09	20.07	20.08			
1.4	16QAM	1	3	19.95	20.06	19.95			
1.4	16QAM	1	5	19.96	20.05	20.00	21.5	0	
1.4	16QAM	3	0	19.91	19.94	19.98			
1.4	16QAM	3	1	19.92	19.96	20.05			
1.4	16QAM	3	3	19.90	20.03	19.96	21.5	0	
1.4	16QAM	6	0	19.76	19.97	19.94			
1.4	64QAM	1	0	19.92	20.10	20.06			
1.4	64QAM	1	3	19.92	20.00	20.01	21.5	0	
1.4	64QAM	1	5	19.92	20.07	19.89			
1.4	64QAM	3	0	19.95	20.03	19.97			
1.4	64QAM	3	1	19.94	20.09	19.96	21.5	0	
1.4	64QAM	3	3	19.90	20.00	19.88			
1.4	64QAM	6	0	19.78	19.97	19.91			

Band 4_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				20050	20175	20300				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	24.59	24.71	24.63	25.5	0		
20	QPSK	1	49	24.54	24.65	24.62				
20	QPSK	1	99	24.57	24.60	24.60				
20	QPSK	50	0	23.57	23.75	23.73	24.5	1		
20	QPSK	50	24	23.34	23.70	23.68				
20	QPSK	50	50	23.56	23.64	23.70				
20	QPSK	100	0	23.52	23.70	23.68	24.5	1		
20	16QAM	1	0	23.70	23.77	23.84				
20	16QAM	1	49	23.75	23.87	23.86				
20	16QAM	1	99	23.79	23.82	23.74	23.5	2		
20	16QAM	50	0	22.35	22.71	22.70				
20	16QAM	50	24	22.55	22.69	22.67				
20	16QAM	50	50	22.57	22.65	22.70	23.5	2		
20	16QAM	100	0	22.52	22.65	22.67				
20	64QAM	1	0	22.59	22.60	22.75				
20	64QAM	1	49	22.74	22.75	22.76	22.5	3		
20	64QAM	1	99	22.69	22.64	22.62				
20	64QAM	50	0	21.37	21.75	21.68				
20	64QAM	50	24	21.60	21.69	21.72	20.625	2		
20	64QAM	50	50	21.62	21.66	21.73				
20	64QAM	100	0	21.59	21.68	21.67				
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	24.47	24.60	24.56	25.5	0		
15	QPSK	1	37	24.43	24.52	24.54				
15	QPSK	1	74	24.43	24.51	24.45				
15	QPSK	36	0	23.44	23.60	23.67	24.5	1		
15	QPSK	36	20	23.46	23.58	23.63				
15	QPSK	36	39	23.41	23.49	23.62				
15	QPSK	75	0	23.40	23.61	23.54	24.5	1		
15	16QAM	1	0	23.56	23.64	23.74				
15	16QAM	1	37	23.72	23.81	23.80				
15	16QAM	1	74	23.71	23.73	23.63	23.5	2		
15	16QAM	36	0	22.20	22.64	22.59				
15	16QAM	36	20	22.44	22.54	22.55				
15	16QAM	36	39	22.49	22.58	22.56	23.5	2		
15	16QAM	75	0	22.45	22.53	22.53				
15	64QAM	1	0	22.44	22.72	22.61				
15	64QAM	1	37	22.61	22.60	22.62	22.5	3		
15	64QAM	1	74	22.60	22.58	22.53				
15	64QAM	36	0	21.31	21.51	21.50				
15	64QAM	36	20	21.55	21.63	21.64	20.625	2		
15	64QAM	36	39	21.47	21.57	21.63				
15	64QAM	75	0	21.44	21.63	21.60				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	24.49	24.57	24.52	25.5	0		
10	QPSK	1	25	24.44	24.52	24.53				
10	QPSK	1	49	24.46	24.53	24.48				
10	QPSK	25	0	23.52	23.70	23.66	24.5	1		
10	QPSK	25	12	23.23	23.55	23.59				
10	QPSK	25	25	23.49	23.49	23.59				
10	QPSK	50	0	23.42	23.60	23.61	24.5	1		
10	16QAM	1	0	23.64	23.69	23.76				
10	16QAM	1	25	23.69	23.78	23.82				
10	16QAM	1	49	23.68	23.67	23.62	23.5	2		
10	16QAM	25	0	22.27	22.63	22.62				
10	16QAM	25	12	22.41	22.62	22.61				
10	16QAM	25	25	22.52	22.55	22.62	23.5	2		
10	16QAM	50	0	22.46	22.51	22.53				
10	64QAM	1	0	22.58	22.68	22.67				
10	64QAM	1	25	22.69	22.61	22.63	22.5	3		
10	64QAM	1	49	22.54	22.54	22.52				
10	64QAM	25	0	21.23	21.69	21.63				
10	64QAM	25	12	21.48	21.62	21.67	20.625	2		
10	64QAM	25	25	21.53	21.56	21.66				
10	64QAM	50	0	21.54	21.57	21.61				
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	24.48	24.59	24.50	25.5	0		
5	QPSK	1	12	24.39	24.56	24.53				
5	QPSK	1	24	24.51	24.53	24.55				
5	QPSK	12	0	23.44	23.68	23.65	24.5	1		
5	QPSK	12	7	23.27	23.59	23.62				
5	QPSK	12	14	23.41	23.58	23.63				
5	QPSK	25	0	23.37	23.64	23.53	24.5	1		
5	16QAM	1	0	23.61	23.66	23.72				
5	16QAM	1	12	23.72	23.72	23.73				
5	16QAM	1	24	23.72	23.73	23.61	23.5	2		
5	16QAM	12	0	22.24	22.57	22.58				
5	16QAM	12	7	22.40	22.62	22.56				
5	16QAM	12	13	22.46	22.50	22.56	23.5	2		
5	16QAM	25	0	22.45	22.56	22.58				
5	64QAM	1	0	22.44	22.65	22.68				
5	64QAM	1	12	22.68	22.66	22.61	22.5	3		
5	64QAM	1	24	22.59	22.50	22.51				
5	64QAM	12	0	21.26	21.64	21.55				
5	64QAM	12	7	21.55	21.64	21.66	20.625	2		
5	64QAM	12	13	21.47	21.53	21.67				
5	64QAM	25	0	21.44	21.56	21.55				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	24.50	24.65	24.52	25.5	0		
3	QPSK	1	8	24.42	24.56	24.53				
3	QPSK	1	14	24.52	24.51	24.47				
3	QPSK	8	0	23.49	23.63	23.66	24.5	1		
3	QPSK	8	4	23.27	23.61	23.61				
3	QPSK	8	7	23.50	23.50	23.65				
3	QPSK	15	0	23.40	23.62	23.62	24.5	1		
3	16QAM	1	0	23.62	23.66	23.73				
3	16QAM	1	8	23.72	23.72	23.81				
3	16QAM	1	14	23.73	23.75	23.83	23.5	2		
3	16QAM	8	0	22.23	22.59	22.58				
3	16QAM	8	4	22.42	22.61	22.53				
3	16QAM	8	7	22.51	22.50	22.62	22.5	3		
3	16QAM	15	0	22.37	22.52	22.55				
3	64QAM	1	0	22.50	22.65	22.66				
3	64QAM	1	8	22.64	22.63	22.65	20.625	2		
3	64QAM	1	14	22.58	22.53	22.48				
3	64QAM	8	0	21.25	21.63	21.60				
3	64QAM	8	4	21.45	21.64	21.65	22.5	3		
3	64QAM	8	7	21.52	21.56	21.58				
3	64QAM	15	0	21.53	21.53	21.56				
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	24.34	24.55	24.53	25.5	0		
1.4	QPSK	1	3	24.29	24.52	24.56				
1.4	QPSK	1	5	24.38	24.58	24.56				
1.4	QPSK	3	0	24.37	24.57	24.59	24.5	1		
1.4	QPSK	3	1	24.37	24.54	24.58				
1.4	QPSK	3	3	24.37	24.54	24.58				
1.4	16QAM	1	0	23.58	23.77	23.83	23.5	2		
1.4	16QAM	1	0	23.54	23.75	23.76				
1.4	16QAM	1	3	23.56	23.78	23.78				
1.4	16QAM	1	5	23.55	23.75	23.75	22.5	3		
1.4	16QAM	3	0	23.40	23.59	23.61				
1.4	16QAM	3	1	23.41	23.58	23.61				
1.4	16QAM	3	1	23.39	23.54	23.58	23.5	2		
1.4	16QAM	6	0	22.46	22.64	22.65				
1.4	64QAM	1	0	22.47	22.71	22.71				
1.4	64QAM	1	3	22.48	22.65	22.69	23.5	2		
1.4	64QAM	1	5	22.48	22.65	22.69				
1.4	64QAM	3	0	22.48	22.66	22.67				
1.4	64QAM	3	4	22.45	22.67	22.68	22.5	3		
1.4	64QAM	3	3	22.50	22.63	22.67				
1.4	64QAM	6	0	21.42	21.59	21.57				

Band 7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.15	20.35	20.19	21.5	0	
20	QPSK	1	49	20.04	20.26	20.15			
20	QPSK	1	99	20.05	20.27	20.18			
20	QPSK	50	0	20.09	20.34	20.16	21.5	0	
20	QPSK	50	24	20.05	20.31	20.14			
20	QPSK	50	50	19.92	20.21	20.09			
20	QPSK	100	0	19.95	20.24	20.11	21.5	0	
20	16QAM	1	0	20.07	20.33	20.16			
20	16QAM	1	49	19.97	20.24	20.04			
20	16QAM	1	99	20.03	20.20	20.09	21.5	0	
20	16QAM	50	0	19.98	20.29	20.13			
20	16QAM	50	24	20.02	20.21	20.12			
20	16QAM	50	50	19.88	20.20	19.98	21.5	0	
20	16QAM	100	0	19.92	20.20	20.10			
20	64QAM	1	0	20.03	20.32	20.14			
20	64QAM	1	49	19.98	20.14	20.03	21.5	0	
20	64QAM	1	99	19.99	20.21	20.14			
20	64QAM	50	0	20.06	20.27	20.15			
20	64QAM	50	24	19.99	20.27	20.13	21.5	0	
20	64QAM	50	50	19.89	20.19	20.01			
20	64QAM	100	0	19.92	20.12	19.99			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.06	20.29	20.11	21.5	0	
15	QPSK	1	37	19.97	20.16	20.06			
15	QPSK	1	74	20.00	20.17	20.15			
15	QPSK	36	0	20.01	20.25	20.11	21.5	0	
15	QPSK	36	20	19.96	20.25	20.06			
15	QPSK	36	39	19.90	20.15	20.03			
15	QPSK	75	0	19.94	20.21	20.07	21.5	0	
15	16QAM	1	0	20.03	20.24	20.13			
15	16QAM	1	37	19.93	20.22	19.98			
15	16QAM	1	74	19.96	20.19	20.08	21.5	0	
15	16QAM	36	0	19.96	20.26	20.11			
15	16QAM	36	20	20.00	20.09	20.07			
15	16QAM	36	39	19.79	20.09	19.91	21.5	0	
15	16QAM	75	0	19.88	20.10	20.00			
15	64QAM	1	0	19.92	20.28	20.09			
15	64QAM	1	37	19.91	20.07	20.01	21.5	0	
15	64QAM	1	74	19.98	20.11	20.12			
15	64QAM	36	0	20.02	20.21	20.14			
15	64QAM	36	20	19.95	20.25	20.09	21.5	0	
15	64QAM	36	39	19.84	20.09	19.99			
15	64QAM	75	0	19.89	20.04	19.87			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.03	20.31	20.18	21.5	0	
10	QPSK	1	25	19.97	20.18	20.06			
10	QPSK	1	49	20.03	20.17	20.10			
10	QPSK	25	0	20.08	20.27	20.13	21.5	0	
10	QPSK	25	12	19.93	20.21	20.05			
10	QPSK	25	25	19.81	20.09	20.01			
10	QPSK	50	0	19.84	20.19	20.03	21.5	0	
10	16QAM	1	0	19.97	20.24	20.12			
10	16QAM	1	25	19.94	20.18	20.03			
10	16QAM	1	49	19.91	20.16	19.99	21.5	0	
10	16QAM	25	0	19.91	20.22	20.08			
10	16QAM	25	12	19.96	20.11	20.03			
10	16QAM	25	25	19.79	20.10	19.94	21.5	0	
10	16QAM	50	0	19.86	20.09	19.99			
10	64QAM	1	0	19.99	20.27	20.10			
10	64QAM	1	25	19.95	20.04	19.92	21.5	0	
10	64QAM	1	49	19.93	20.18	20.12			
10	64QAM	25	0	20.02	20.19	20.09			
10	64QAM	25	12	19.96	20.15	20.07	21.5	0	
10	64QAM	25	25	19.86	20.16	19.92			
10	64QAM	50	0	19.86	20.07	19.94			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.17	20.24	20.09	21.5	0	
5	QPSK	1	12	20.00	20.25	20.07			
5	QPSK	1	24	20.03	20.16	20.06			
5	QPSK	12	0	20.03	20.31	20.09	21.5	0	
5	QPSK	12	7	19.96	20.19	20.05			
5	QPSK	12	13	19.81	20.20	20.02			
5	QPSK	25	0	19.89	20.14	20.07	21.5	0	
5	16QAM	1	0	20.05	20.22	20.15			
5	16QAM	1	12	19.87	20.20	19.94			
5	16QAM	1	24	20.02	20.17	20.04	21.5	0	
5	16QAM	12	0	19.86	20.27	20.05			
5	16QAM	12	7	19.96	20.14	20.09			
5	16QAM	12	13	19.84	20.14	19.86	21.5	0	
5	16QAM	25	0	19.90	20.18	19.99			
5	64QAM	1	0	19.91	20.26	20.02			
5	64QAM	1	12	19.97	20.06	20.02	21.5	0	
5	64QAM	1	24	19.93	20.14	20.11			
5	64QAM	12	0	19.96	20.18	20.11			
5	64QAM	12	7	19.97	20.21	20.02	21.5	0	
5	64QAM	12	13	19.84	20.08	19.98			
5	64QAM	25	0	19.83	20.10	19.97			

Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.16	20.27	20.25	21	0	
20	QPSK	1	49	20.07	20.19	20.18			
20	QPSK	1	99	20.10	20.26	20.23			
20	QPSK	50	0	20.15	20.25	20.19	21	0	
20	QPSK	50	24	20.13	20.24	20.18			
20	QPSK	50	50	20.04	20.07	20.16			
20	QPSK	100	0	19.99	20.22	20.21	21	0	
20	16QAM	1	0	20.10	20.15	20.20			
20	16QAM	1	49	20.02	20.12	20.15			
20	16QAM	1	99	20.04	20.19	20.16	21	0	
20	16QAM	50	0	20.11	20.20	20.11			
20	16QAM	50	24	20.03	20.20	20.07			
20	16QAM	50	50	19.95	20.04	20.10	21	0	
20	16QAM	100	0	19.98	20.17	20.17			
20	64QAM	1	0	20.16	20.26	20.24			
20	64QAM	1	49	19.98	20.17	20.14	21	0	
20	64QAM	1	99	19.99	20.18	20.11			
20	64QAM	50	0	20.04	20.19	20.09			
20	64QAM	50	24	20.06	20.12	20.09	21	0	
20	64QAM	50	50	19.99	20.06	20.04			
20	64QAM	100	0	19.93	20.17	20.13			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.09	20.15	20.14	21	0	
15	QPSK	1	37	20.01	20.10	20.08			
15	QPSK	1	74	19.99	20.21	20.15			
15	QPSK	36	0	20.08	20.15	20.07	21	0	
15	QPSK	36	20	20.05	20.15	20.12			
15	QPSK	36	39	20.03	19.98	20.04			
15	QPSK	75	0	19.93	20.19	20.09	21	0	
15	16QAM	1	0	20.08	20.14	20.18			
15	16QAM	1	37	19.98	20.10	20.12			
15	16QAM	1	74	19.92	20.11	20.13	21	0	
15	16QAM	36	0	20.05	20.15	20.09			
15	16QAM	36	20	19.96	20.08	19.96			
15	16QAM	36	39	19.93	19.99	20.04			
15	16QAM	75	0	19.81	20.11	20.10	21	0	
15	64QAM	1	0	20.07	20.15	20.12			
15	64QAM	1	37	19.91	20.11	20.05			
15	64QAM	1	74	19.90	20.09	20.02	21	0	
15	64QAM	36	0	20.00	20.18	20.00			
15	64QAM	36	20	19.96	20.06	19.97			
15	64QAM	36	39	19.94	20.01	19.92			
15	64QAM	75	0	19.81	20.07	20.08			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	20.06	20.18	20.24	21	0	
10	QPSK	1	25	20.05	20.13	20.15			
10	QPSK	1	49	19.98	20.21	20.13			
10	QPSK	25	0	20.10	20.13	20.08	21	0	
10	QPSK	25	12	20.12	20.16	20.13			
10	QPSK	25	25	20.01	20.03	20.04			
10	QPSK	50	0	19.90	20.14	20.15	21	0	
10	16QAM	1	0	20.07	20.07	20.10			
10	16QAM	1	25	19.90	20.02	20.13			
10	16QAM	1	49	19.96	20.08	20.10	21	0	
10	16QAM	25	0	20.02	20.18	20.02			
10	16QAM	25	12	20.01	20.12	20.05			
10	16QAM	25	25	19.89	20.06	20.08	21	0	
10	16QAM	50	0	19.82	20.10	20.09			
10	64QAM	1	0	20.15	20.17	20.21			
10	64QAM	1	25	19.94	20.12	20.09	21	0	
10	64QAM	1	49	19.89	20.07	20.00			
10	64QAM	25	0	19.98	20.09	20.06			
10	64QAM	25	12	19.99	20.05	20.01	21	0	
10	64QAM	25	25	19.87	20.14	20.03			
10	64QAM	50	0	19.85	20.06	19.93			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	20.12	20.22	20.20	21	0	
5	QPSK	1	12	20.01	20.15	20.07			
5	QPSK	1	24	20.01	20.19	20.13			
5	QPSK	12	0	20.13	20.18	20.07	21	0	
5	QPSK	12	7	20.02	20.19	20.09			
5	QPSK	12	13	20.00	19.96	20.05			
5	QPSK	25	0	19.97	20.11	20.10	21	0	
5	16QAM	1	0	20.05	20.06	20.08			
5	16QAM	1	12	19.93	20.11	20.09			
5	16QAM	1	24	19.94	20.17	20.09	21	0	
5	16QAM	12	0	20.07	20.15	20.03			
5	16QAM	12	7	19.96	20.14	20.05			
5	16QAM	12	13	19.83	19.96	20.04	21	0	
5	16QAM	25	0	19.85	20.10	20.08			
5	64QAM	1	0	20.05	20.20	20.20			
5	64QAM	1	12	19.87	20.13	20.20	21	0	
5	64QAM	1	24	19.93	20.17	20.07			
5	64QAM	12	0	20.00	20.18	20.07			
5	64QAM	12	7	19.98	20.04	20.05	21	0	
5	64QAM	12	13	19.88	20.00	19.99			
5	64QAM	25	0	19.89	20.12	20.05			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	25.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.55	23.65	23.75	24.5	1	
10	QPSK	1	25	23.54	23.56	23.57			
10	QPSK	1	49	23.52	23.63	23.52			
10	QPSK	25	0	22.58	22.60	22.55			
10	QPSK	25	12	22.57	22.56	22.50			
10	QPSK	25	25	22.51	22.54	22.53	24.5	1	
10	QPSK	50	0	22.54	22.58	22.52			
10	16QAM	1	0	22.51	22.72	22.86			
10	16QAM	1	25	22.76	22.85	22.75			
10	16QAM	1	49	22.93	22.79	22.53			
10	16QAM	25	0	21.62	21.52	21.51	23.5	2	
10	16QAM	25	12	21.59	21.58	21.59			
10	16QAM	25	25	21.66	21.57	21.54			
10	16QAM	50	0	21.56	21.56	21.55			
10	64QAM	1	0	21.53	21.66	21.68			
10	64QAM	1	25	21.65	21.73	21.67	23.5	2	
10	64QAM	1	49	21.77	21.72	21.52			
10	64QAM	25	0	20.59	20.55	20.51			
10	64QAM	25	12	20.53	20.56	20.54			
10	64QAM	25	25	20.64	20.57	20.52			
10	64QAM	50	0	20.56	20.54	20.53	22.5	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.60	23.55	23.55	25.5	0	
5	QPSK	1	12	23.59	23.59	23.62			
5	QPSK	1	24	23.60	23.54	23.66			
5	QPSK	12	0	22.53	22.64	22.62			
5	QPSK	12	7	22.60	22.59	22.61			
5	QPSK	12	13	22.63	22.66	22.57	24.5	1	
5	QPSK	25	0	22.64	22.51	22.62			
5	16QAM	1	0	22.58	22.59	22.74			
5	16QAM	1	12	22.67	22.84	22.69			
5	16QAM	1	24	22.88	22.66	22.63			
5	16QAM	12	0	21.52	21.56	21.63	23.5	2	
5	16QAM	12	7	21.64	21.64	21.52			
5	16QAM	12	13	21.54	21.63	21.62			
5	16QAM	25	0	21.62	21.67	21.66			
5	64QAM	1	0	21.61	21.52	21.60			
5	64QAM	1	12	21.53	21.61	21.55	23.5	2	
5	64QAM	1	24	21.63	21.63	21.60			
5	64QAM	12	0	20.59	20.61	20.60			
5	64QAM	12	7	20.58	20.66	20.61			
5	64QAM	12	13	20.50	20.65	20.64			
5	64QAM	25	0	20.62	20.65	20.67	22.5	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.64	23.60	23.51	25.5	0	
3	QPSK	1	8	23.62	23.64	23.64			
3	QPSK	1	14	23.57	23.61	23.59			
3	QPSK	8	0	22.63	22.52	22.66			
3	QPSK	8	4	22.66	22.60	22.63			
3	QPSK	8	7	22.59	22.60	22.60	24.5	1	
3	QPSK	15	0	22.66	22.63	22.59			
3	16QAM	1	0	22.56	22.62	22.78			
3	16QAM	1	8	22.66	22.80	22.63			
3	16QAM	1	14	22.86	22.68	22.56			
3	16QAM	8	0	21.56	21.63	21.56	23.5	2	
3	16QAM	8	4	21.50	21.63	21.50			
3	16QAM	8	7	21.55	21.52	21.63			
3	16QAM	15	0	21.67	21.66	21.61			
3	64QAM	1	0	21.63	21.54	21.56			
3	64QAM	1	8	21.55	21.63	21.52	23.5	2	
3	64QAM	1	14	21.68	21.57	21.65			
3	64QAM	8	0	20.64	20.62	20.58			
3	64QAM	8	4	20.64	20.59	20.66			
3	64QAM	8	7	20.57	20.62	20.61			
3	64QAM	15	0	20.60	20.62	20.59	22.5	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.57	23.55	23.52	25.5	0	
1.4	QPSK	1	3	23.55	23.52	23.50			
1.4	QPSK	1	5	23.57	23.56	23.53			
1.4	QPSK	3	0	23.60	23.56	23.53			
1.4	QPSK	3	1	23.53	23.56	23.53			
1.4	QPSK	3	3	23.60	23.58	23.56	24.5	1	
1.4	QPSK	6	0	22.57	22.57	22.60			
1.4	16QAM	1	0	22.76	22.84	22.75			
1.4	16QAM	1	3	22.74	22.83	22.72			
1.4	16QAM	1	5	22.71	22.83	22.72			
1.4	16QAM	3	0	22.50	22.57	22.57	24.5	1	
1.4	16QAM	3	1	22.55	22.56	22.56			
1.4	16QAM	3	3	22.52	22.57	22.61			
1.4	16QAM	6	0	21.55	21.62	21.55			
1.4	64QAM	1	0	21.57	21.72	21.62			
1.4	64QAM	1	3	21.61	21.71	21.64	23.5	2	
1.4	64QAM	1	5	21.56	21.70	21.56			
1.4	64QAM	3	0	21.51	21.66	21.52			
1.4	64QAM	3	1	21.61	21.64	21.50			
1.4	64QAM	3	3	21.56	21.65	21.52			
1.4	64QAM	6	0	20.51	20.51	20.51	22.5	3	

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			25.5	0	
Frequency (MHz)				762					
10	QPSK	1	0		24.51		24.5	1	
10	QPSK	1	25		24.49				
10	QPSK	1	49		24.50				
10	QPSK	25	0		23.48				
10	QPSK	25	12		23.46				
10	QPSK	25	25		23.44		24.5	1	
10	QPSK	50	0		23.52				
10	16QAM	1	0		23.75				
10	16QAM	1	25		23.81				
10	16QAM	1	49		23.74				
10	16QAM	25	0		22.49		23.5	2	
10	16QAM	25	12		22.46				
10	16QAM	25	25		22.46				
10	16QAM	50	0		22.48				
10	64QAM	1	0		22.64				
10	64QAM	1	25		22.61		23.5	2	
10	64QAM	1	49		22.63				
10	64QAM	25	0		21.48				
10	64QAM	25	12		21.44				
10	64QAM	25	25		21.40				
10	64QAM	50	0		21.44		22.5	3	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.37	24.37	24.44	25.5	0	
5	QPSK	1	12	24.44	24.42	24.37			
5	QPSK	1	24	24.45	24.44	24.39			
5	QPSK	12	0	23.42	23.38	23.43			
5	QPSK	12	7	23.33	23.38	23.35			
5	QPSK	12	13	23.33	23.34	23.33	24.5	1	
5	QPSK	25	0	23.37	23.42	23.40			
5	16QAM	1	0	23.65	23.63	23.60			
5	16QAM	1	12	23.76	23.71	23.68			
5	16QAM	1	24	23.64	23.59	23.68			
5	16QAM	12	0	22.39	22.34	22.37	23.5	2	
5	16QAM	12	7	22.39	22.35	22.37			
5	16QAM	12	13	22.40	22.31	22.39			
5	16QAM	25	0	22.43	22.42	22.42			
5	64QAM	1	0	22.58	22.49	22.51			
5	64QAM	1	12	22.49	22.56	22.53	23.5	2	
5	64QAM	1	24	22.56	22.54	22.54			
5	64QAM	12	0	21.42	21.43	21.41			
5	64QAM	12	7	21.36	21.31	21.36			
5	64QAM	12	13	21.35	21.30	21.25			
5	64QAM	25	0	21.39	21.29	21.34	22.5	3	
Channel				23205	23230	23273			
Frequency (MHz)				776.5 <th>782</th> <th>785.5</th>	782	785.5			
3	QPSK	1	0	24.46	24.39	24.40	25.5	0	
3	QPSK	1	8	24.35	24.39	24.37			
3	QPSK	1	14	24.45	24.37	24.42			
3	QPSK	8	0	23.40	23.37	23.36			
3	QPSK	8	4	23.34	23.31	23.37			
3	QPSK	8	7	23.30	23.31	23.34	24.5	1	
3	QPSK	15	0	23.46	23.39	23.44			
3	16QAM	1	0	23.62	23.63	23.66			
3	16QAM	1	8	23.68	23.76	23.68			
3	16QAM	1	14	23.62	23.61	23.61			
3	16QAM	8	0	22.34	22.38	22.43	23.5	2	
3	16QAM	8	4	22.37	22.37	22.37			
3	16QAM	8	7	22.31	22.36	22.37			
3	16QAM	15	0	22.35	22.36	22.36			
3	64QAM	1	0	22.53	22.51	22.59			
3	64QAM	1	8	22.50	22.56	22.55	23.5	2	
3	64QAM	1	14	22.56	22.51	22.55			
3	64QAM	8	0	21.33	21.38	21.37			
3	64QAM	8	4	21.30	21.38	21.36			
3	64QAM	8	7	21.34	21.34	21.34			
3	64QAM	15	0	21.29	21.33	21.29	22.5	3	
Channel				23177	23230	23273			
Frequency (MHz)				777.7 <th>782</th> <th>786.3</th>	782	786.3			
1.4	QPSK	1	0	24.34	24.41	24.39	25.5	0	
1.4	QPSK	1	3	24.44	24.43	24.44			
1.4	QPSK	1	5	24.42	24.43	24.42			
1.4	QPSK	3	0	24.38	24.43	24.43			
1.4	QPSK	3	1	24.43	24.44	24.43			
1.4	QPSK	3	3	24.46	24.45	24.44	24.5	1	
1.4	QPSK	6	0	24.44	24.44	24.44			
1.4	16QAM	1	0	23.63	23.70	23.71			
1.4	16QAM	1	3	23.71	23.72	23.73			
1.4	16QAM	1	5	23.68	23.69	23.69			
1.4	16QAM	3	0	23.41	23.41	23.42	23.5	1	
1.4	16QAM	3	1	23.46	23.46	23.46			
1.4	16QAM	3	3	23.44	23.41	23.42			
1.4	16QAM	6	0	22.48	22.48	22.49			
1.4	64QAM	1	0	22.49	22.50	22.54			
1.4	64QAM	1	3	22.58	22.55	22.56	23.5	2	
1.4	64QAM	1	5	22.52	22.53	22.53			
1.4	64QAM	3	0	22.47	22.48	22.53			
1.4	64QAM	3	1	22.52	22.55	22.52			
1.4	64QAM	3	3	22.54	22.53	22.52			
1.4	64QAM	6	0	21.36	21.36	21.36	22.5	3	

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	25	0		
Frequency (MHz)				709	710	711				
10	QPSK	1	0	24.56	24.63	24.57			24	1
10	QPSK	1	25	24.52	24.61	24.50				
10	QPSK	1	49	24.55	24.53	24.54				
10	QPSK	25	0	23.52	23.56	23.52				
10	QPSK	25	12	23.51	23.51	23.50	24	1		
10	QPSK	25	25	23.50	23.53	23.48				
10	QPSK	50	0	23.52	23.57	23.54				
10	16QAM	1	0	23.63	23.80	23.62				
10	16QAM	1	25	23.83	23.76	23.76	24	1		
10	16QAM	1	49	23.77	23.78	23.75				
10	16QAM	25	0	22.53	22.51	22.50				
10	16QAM	25	12	22.57	22.55	22.59				
10	16QAM	25	25	22.53	22.49	22.49	23	2		
10	16QAM	50	0	22.52	22.51	22.52				
10	64QAM	1	0	22.06	22.71	22.68				
10	64QAM	1	25	22.71	22.70	22.67				
10	64QAM	1	49	22.67	22.70	22.70	23	2		
10	64QAM	25	0	21.48	21.52	21.47				
10	64QAM	25	12	21.57	21.54	21.57				
10	64QAM	25	25	21.48	21.51	21.49				
10	64QAM	50	0	21.51	21.48	21.51	22	3		
Channel				23755	23790	23825				
Frequency (MHz)				706.5	710	713.5				
5	QPSK	1	0	24.45	24.51	24.48			25	0
5	QPSK	1	12	24.41	24.53	24.45				
5	QPSK	1	24	24.50	24.44	24.42				
5	QPSK	12	0	23.46	23.41	23.43				
5	QPSK	12	7	23.37	23.39	23.41	24	1		
5	QPSK	12	13	23.36	23.42	23.36				
5	QPSK	25	0	23.41	23.47	23.47				
5	16QAM	1	0	23.68	23.75	23.70				
5	16QAM	1	12	23.73	23.69	23.64	24	1		
5	16QAM	1	24	23.62	23.70	23.69				
5	16QAM	12	0	22.46	22.45	22.43				
5	16QAM	12	7	22.52	22.43	22.47				
5	16QAM	12	13	22.45	22.38	22.37	23	2		
5	16QAM	25	0	22.42	22.46	22.39				
5	64QAM	1	0	22.54	22.56	22.57				
5	64QAM	1	12	22.66	22.58	22.52				
5	64QAM	1	24	22.55	22.61	22.55	23	2		
5	64QAM	12	0	21.40	21.40	21.38				
5	64QAM	12	7	21.46	21.40	21.47				
5	64QAM	12	13	21.43	21.36	21.34				
5	64QAM	25	0	21.39	21.35	21.42	22	3		

Band 17_Ant 1												
BW [MHz]	Modulation	RB size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)				
Channel				23780	23790	23800	25	0				
Frequency (MHz)				709	710	711						
10	QPSK	1	0	23.87	23.91	23.90				24	1	
10	QPSK	1	25	23.82	23.90	23.88						
10	QPSK	1	49	23.84	23.87	23.85						
10	QPSK	25	0	22.82	22.87	22.86						
10	QPSK	25	12	22.78	22.78	22.77	24	1				
10	QPSK	25	25	22.79	22.81	22.78						
10	QPSK	50	0	22.80	22.86	22.82						
10	16QAM	1	0	23.06	23.16	23.13						
10	16QAM	1	25	23.10	23.05	23.12	24	1				
10	16QAM	1	49	23.06	23.08	23.05						
10	16QAM	25	0	21.75	21.81	21.82						
10	16QAM	25	12	21.86	21.87	21.90						
10	16QAM	25	25	21.81	21.83	21.78	23	2				
10	16QAM	50	0	21.80	21.82	21.80						
10	64QAM	1	0	21.93	22.01	21.99						
10	64QAM	1	25	22.02	21.97	21.99						
10	64QAM	1	49	21.97	21.96	22.00	23	2				
10	64QAM	25	0	20.77	20.78	20.77						
10	64QAM	25	12	20.85	20.84	20.88						
10	64QAM	25	25	20.76	20.79	20.77						
10	64QAM	50	0	20.77	20.79	20.78	22	3				
Channel				23755	23790	23825						
Frequency (MHz)				706.5 <th>710<th>713.5</th></th>	710 <th>713.5</th>	713.5						
5	QPSK	1	0	23.75	23.76	23.84				25	0	
5	QPSK	1	12	23.73	23.77	23.75						
5	QPSK	1	24	23.75	23.79	23.70						
5	QPSK	12	0	22.76	22.76	22.71						
5	QPSK	12	7	22.66	22.71	22.62	24	1				
5	QPSK	12	13	22.71	22.71	22.69						
5	QPSK	25	0	22.66	22.72	22.70						
5	16QAM	1	0	22.93	23.13	23.07						
5	16QAM	1	12	22.99	23.04	23.00	24	1				
5	16QAM	1	24	22.98	23.02	22.90						
5	16QAM	12	0	21.65	21.66	21.73						
5	16QAM	12	7	21.78	21.82	21.75						
5	16QAM	12	13	21.68	21.71	21.73	23	2				
5	16QAM	25	0	21.68	21.68	21.75						
5	64QAM	1	0	21.84	21.88	21.85						
5	64QAM	1	12	21.94	21.92	21.88						
5	64QAM	1	24	21.82	21.87	21.89	23	2				
5	64QAM	12	0	20.71	20.65	20.65						
5	64QAM	12	7	20.73	20.71	20.75						
5	64QAM	12	13	20.63	20.64	20.62						
5	64QAM	25	0	20.63	20.67	20.69	22	3				

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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.56	24.57	24.49	25.5	0	
15	QPSK	1	37	24.55	24.53	24.48			
15	QPSK	1	74	24.52	24.55	24.43			
15	QPSK	36	0	23.47	23.52	23.51	24.5	1	
15	QPSK	36	20	23.45	23.51	23.50			
15	QPSK	36	39	23.44	23.49	23.47			
15	QPSK	75	0	23.49	23.50	23.47	24.5	1	
15	16QAM	1	0	23.62	23.73	23.69			
15	16QAM	1	37	23.77	23.79	23.77			
15	16QAM	1	74	23.75	23.73	23.78	23.5	2	
15	16QAM	36	0	22.48	22.43	22.58			
15	16QAM	36	20	22.51	22.51	22.56			
15	16QAM	36	39	22.49	22.48	22.55	23.5	2	
15	16QAM	75	0	22.48	22.47	22.60			
15	64QAM	1	0	22.51	22.66	22.61			
15	64QAM	1	37	22.66	22.67	22.70	23.5	2	
15	64QAM	1	74	22.60	22.59	22.65			
15	64QAM	36	0	21.48	21.43	21.58			
15	64QAM	36	20	21.45	21.51	21.56	22.5	3	
15	64QAM	36	39	21.46	21.51	21.57			
15	64QAM	75	0	21.48	21.45	21.57			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.41	24.50	24.36	25.5	0	
10	QPSK	1	25	24.41	24.43	24.33			
10	QPSK	1	49	24.46	24.40	24.34			
10	QPSK	25	0	23.37	23.47	23.38	24.5	1	
10	QPSK	25	12	23.36	23.36	23.42			
10	QPSK	25	25	23.35	23.38	23.34			
10	QPSK	50	0	23.40	23.35	23.41	24.5	1	
10	16QAM	1	0	23.47	23.64	23.62			
10	16QAM	1	25	23.63	23.66	23.68			
10	16QAM	1	49	23.60	23.60	23.66	23.5	2	
10	16QAM	25	0	22.34	22.32	22.50			
10	16QAM	25	12	22.44	22.36	22.51			
10	16QAM	25	25	22.39	22.38	22.46	23.5	2	
10	16QAM	50	0	22.35	22.38	22.49			
10	64QAM	1	0	22.45	22.61	22.48			
10	64QAM	1	25	22.61	22.53	22.65	22.5	3	
10	64QAM	1	49	22.49	22.45	22.51			
10	64QAM	25	0	21.38	21.38	21.43			
10	64QAM	25	12	21.40	21.40	21.42	22.5	3	
10	64QAM	25	25	21.39	21.41	21.43			
10	64QAM	50	0	21.41	21.32	21.42			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.51	24.45	24.36	25.5	0	
5	QPSK	1	12	24.49	24.48	24.41			
5	QPSK	1	24	24.41	24.50	24.30			
5	QPSK	12	0	23.36	23.38	23.40	24.5	1	
5	QPSK	12	7	23.34	23.46	23.39			
5	QPSK	12	13	23.30	23.39	23.38			
5	QPSK	25	0	23.44	23.45	23.33	24.5	1	
5	16QAM	1	0	23.54	23.58	23.58			
5	16QAM	1	12	23.69	23.69	23.68			
5	16QAM	1	24	23.65	23.65	23.70	23.5	2	
5	16QAM	12	0	22.34	22.35	22.46			
5	16QAM	12	7	22.44	22.36	22.49			
5	16QAM	12	13	22.42	22.37	22.41	23.5	2	
5	16QAM	25	0	22.43	22.34	22.52			
5	64QAM	1	0	22.43	22.51	22.48	23.5	2	
5	64QAM	1	12	22.58	22.55	22.58			
5	64QAM	1	24	22.49	22.46	22.51			
5	64QAM	12	0	21.39	21.31	21.46	22.5	3	
5	64QAM	12	7	21.33	21.38	21.42			
5	64QAM	12	13	21.32	21.37	21.49			
5	64QAM	25	0	21.33	21.31	21.44	22.5	3	
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.50	24.49	24.43	25.5	0	
3	QPSK	1	8	24.43	24.45	24.39			
3	QPSK	1	14	24.44	24.50	24.30			
3	QPSK	8	0	23.41	23.45	23.44	24.5	1	
3	QPSK	8	4	23.30	23.45	23.45			
3	QPSK	8	7	23.30	23.38	23.38			
3	QPSK	15	0	23.37	23.38	23.32	24.5	1	
3	16QAM	1	0	23.50	23.61	23.59			
3	16QAM	1	8	23.66	23.71	23.72			
3	16QAM	1	14	23.67	23.58	23.72	23.5	2	
3	16QAM	8	0	22.43	22.32	22.53			
3	16QAM	8	4	22.45	22.44	22.50			
3	16QAM	8	7	22.36	22.40	22.40	23.5	2	
3	16QAM	15	0	22.43	22.35	22.49			
3	64QAM	1	0	22.37	22.56	22.47			
3	64QAM	1	8	22.56	22.62	22.60	23.5	2	
3	64QAM	1	14	22.49	22.53	22.52			
3	64QAM	8	0	21.40	21.37	21.49			
3	64QAM	8	4	21.34	21.39	21.42	22.5	3	
3	64QAM	8	7	21.34	21.46	21.42			
3	64QAM	15	0	21.42	21.39	21.51			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.36	24.48	24.56	25.5	0	
1.4	QPSK	1	3	24.38	24.49	24.42			
1.4	QPSK	1	5	24.37	24.49	24.36			
1.4	QPSK	3	0	24.41	24.52	24.43	24.5	1	
1.4	QPSK	3	1	24.44	24.52	24.43			
1.4	QPSK	3	3	24.44	24.51	24.45			
1.4	QPSK	6	0	23.43	23.51	23.59	24.5	1	
1.4	16QAM	1	0	23.61	23.70	23.80			
1.4	16QAM	1	3	23.64	23.77	23.81			
1.4	16QAM	1	5	23.60	23.75	23.82	24.5	1	
1.4	16QAM	3	0	23.47	23.52	23.59			
1.4	16QAM	3	1	23.45	23.50	23.62			
1.4	16QAM	3	3	23.43	23.46	23.62	23.5	2	
1.4	16QAM	6	0	22.48	22.56	22.67			
1.4	64QAM	1	0	22.51	22.59	22.67			
1.4	64QAM	1	3	22.53	22.63	22.68	23.5	2	
1.4	64QAM	1	5	22.50	22.61	22.71			
1.4	64QAM	3	0	22.49	22.57	22.65			
1.4	64QAM	3	1	22.49	22.57	22.68	22.5	3	
1.4	64QAM	3	3	22.49	22.54	22.67			
1.4	64QAM	6	0	21.36	21.43	21.53			

Band 26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.46	22.57	22.44	24	0	
15	QPSK	1	37	22.38	22.50	22.34			
15	QPSK	1	74	22.37	22.32	22.33			
15	QPSK	36	0	22.29	22.32	22.25	24	0	
15	QPSK	36	20	22.26	22.18	22.22			
15	QPSK	36	39	22.21	22.11	22.14			

**Band 38_Ant 2**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.75	22.85	22.81		
20	QPSK	1	49	22.70	22.85	22.75	23.7	0
20	QPSK	1	99	22.72	22.77	22.74		
20	QPSK	50	0	22.98	22.95	22.74		
20	QPSK	50	24	22.87	22.84	22.69		
20	QPSK	50	50	22.67	22.71	22.63	23.7	0
20	QPSK	100	0	22.67	22.71	22.66		
20	16QAM	1	0	22.65	22.79	22.75		
20	16QAM	1	49	22.65	22.80	22.72	23.7	0
20	16QAM	1	99	22.63	22.72	22.66		
20	16QAM	50	0	22.65	22.75	22.64		
20	16QAM	50	24	22.61	22.74	22.57		
20	16QAM	50	50	22.60	22.70	22.53	23.7	0
20	16QAM	100	0	22.60	22.61	22.63		
20	64QAM	1	0	22.66	22.83	22.75		
20	64QAM	1	49	22.60	22.79	22.66	23.7	0
20	64QAM	1	99	22.60	22.70	22.72		
20	64QAM	50	0	21.69	21.59	21.44		
20	64QAM	50	24	21.72	21.53	21.45	22.7	1
20	64QAM	50	50	21.72	21.53	21.51		
20	64QAM	100	0	21.63	21.57	21.52		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.65	22.84	22.72		
15	QPSK	1	37	22.69	22.81	22.74	23.7	0
15	QPSK	1	74	22.71	22.66	22.67		
15	QPSK	36	0	22.60	22.83	22.63		
15	QPSK	36	20	22.60	22.83	22.57	23.7	0
15	QPSK	36	39	22.61	22.68	22.62		
15	QPSK	75	0	22.62	22.60	22.64		
15	16QAM	1	0	22.59	22.74	22.63		
15	16QAM	1	37	22.59	22.68	22.71	23.7	0
15	16QAM	1	74	22.59	22.64	22.54		
15	16QAM	36	0	22.60	22.71	22.54		
15	16QAM	36	20	22.53	22.66	22.49	23.7	0
15	16QAM	36	39	22.56	22.60	22.42		
15	16QAM	75	0	22.53	22.58	22.61		
15	64QAM	1	0	22.61	22.79	22.63		
15	64QAM	1	37	22.55	22.75	22.62	23.7	0
15	64QAM	1	74	22.50	22.58	22.71		
15	64QAM	36	0	21.65	21.54	21.43		
15	64QAM	36	20	21.65	21.50	21.37	22.7	1
15	64QAM	36	39	21.64	21.46	21.49		
15	64QAM	75	0	21.59	21.55	21.49		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.68	22.82	22.70		
10	QPSK	1	25	22.66	22.78	22.70	23.7	0
10	QPSK	1	49	22.63	22.75	22.68		
10	QPSK	25	0	22.63	22.80	22.72		
10	QPSK	25	12	22.57	22.70	22.59	23.7	0
10	QPSK	25	25	22.66	22.68	22.60		
10	QPSK	50	0	22.64	22.59	22.59		
10	16QAM	1	0	22.58	22.72	22.67		
10	16QAM	1	25	22.56	22.74	22.62	23.7	0
10	16QAM	1	49	22.52	22.68	22.64		
10	16QAM	25	0	22.61	22.69	22.60		
10	16QAM	25	12	22.55	22.68	22.46	23.7	0
10	16QAM	25	25	22.48	22.60	22.43		
10	16QAM	50	0	22.55	22.55	22.53		
10	16QAM	1	0	22.65	22.77	22.71		
10	64QAM	1	25	22.54	22.72	22.57	23.7	0
10	64QAM	1	49	22.56	22.66	22.66		
10	64QAM	25	0	21.81	21.51	21.36		
10	64QAM	25	12	21.65	21.50	21.35		
10	64QAM	25	25	21.69	21.47	21.42	22.7	1
10	64QAM	50	0	21.52	21.53	21.51		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.78	22.78		
5	QPSK	1	12	22.66	22.73	22.69	23.7	0
5	QPSK	1	24	22.60	22.67	22.67		
5	QPSK	12	0	22.65	22.80	22.72		
5	QPSK	12	7	22.66	22.79	22.60	23.7	0
5	QPSK	12	13	22.66	22.70	22.51		
5	QPSK	25	0	22.58	22.61	22.59		
5	16QAM	1	0	22.59	22.75	22.72		
5	16QAM	1	12	22.59	22.75	22.71	23.7	0
5	16QAM	1	24	22.55	22.65	22.54		
5	16QAM	12	0	22.61	22.70	22.52		
5	16QAM	12	7	22.50	22.63	22.52	23.7	0
5	16QAM	12	13	22.53	22.62	22.46		
5	16QAM	25	0	22.48	22.56	22.51		
5	64QAM	1	0	22.55	22.79	22.69		
5	64QAM	1	12	22.50	22.71	22.63	23.7	0
5	64QAM	1	24	22.48	22.63	22.66		
5	64QAM	12	0	21.68	21.52	21.43		
5	64QAM	12	7	21.70	21.52	21.40		
5	64QAM	12	13	21.80	21.46	21.46	22.7	1
5	64QAM	25	0	21.59	21.47	21.46		

Band 38_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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.36	21.42	21.31	22.2	0
20	QPSK	1	49	21.33	21.32	21.28		
20	QPSK	1	99	21.30	21.36	21.22		
20	QPSK	50	0	21.33	21.41	21.29		
20	QPSK	50	24	21.29	21.31	21.26	22.2	0
20	QPSK	50	50	21.32	21.36	21.28		
20	QPSK	100	0	21.29	21.37	21.25		
20	16QAM	1	0	21.30	21.30	21.22	22.2	0
20	16QAM	1	49	21.22	21.23	21.17		
20	16QAM	1	99	21.22	21.33	21.20		
20	16QAM	50	0	21.31	21.34	21.21		
20	16QAM	50	24	21.24	21.28	21.17	22.2	0
20	16QAM	50	50	21.20	21.25	21.25		
20	16QAM	100	0	21.26	21.29	21.22		
20	64QAM	1	0	21.26	21.38	21.28	22.2	0
20	64QAM	1	49	21.24	21.24	21.27		
20	64QAM	1	99	21.29	21.27	21.19		
20	64QAM	50	0	21.29	21.33	21.23		
20	64QAM	50	24	21.17	21.19	21.16	22.2	0
20	64QAM	50	50	21.29	21.24	21.18		
20	64QAM	100	0	21.24	21.27	21.24		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.24	21.38	21.19	22.2	0
15	QPSK	1	37	21.21	21.21	21.27		
15	QPSK	1	74	21.29	21.35	21.12		
15	QPSK	36	0	21.23	21.36	21.23	22.2	0
15	QPSK	36	20	21.27	21.30	21.14		
15	QPSK	36	39	21.20	21.27	21.18		
15	QPSK	75	0	21.26	21.26	21.24		
15	16QAM	1	0	21.25	21.28	21.19	22.2	0
15	16QAM	1	37	21.18	21.20	21.08		
15	16QAM	1	74	21.18	21.25	21.12		
15	16QAM	36	0	21.25	21.29	21.14		
15	16QAM	36	20	21.16	21.17	21.12	22.2	0
15	16QAM	36	39	21.09	21.14	21.20		
15	16QAM	75	0	21.25	21.18	21.18		
15	64QAM	1	0	21.17	21.29	21.22	22.2	0
15	64QAM	1	37	21.22	21.18	21.21		
15	64QAM	1	74	21.23	21.18	21.16		
15	64QAM	36	0	21.23	21.32	21.12		
15	64QAM	36	20	21.15	21.07	21.15	22.2	0
15	64QAM	36	39	21.20	21.20	21.12		
15	64QAM	75	0	21.21	21.15	21.18		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.31	21.37	21.24	22.2	0
10	QPSK	1	25	21.23	21.28	21.24		
10	QPSK	1	49	21.20	21.24	21.13		
10	QPSK	25	0	21.27	21.34	21.22	22.2	0
10	QPSK	25	12	21.23	21.20	21.23		
10	QPSK	25	25	21.26	21.30	21.22		
10	QPSK	50	0	21.19	21.35	21.18		
10	16QAM	1	0	21.29	21.29	21.19	22.2	0
10	16QAM	1	25	21.15	21.12	21.08		
10	16QAM	1	49	21.20	21.25	21.14		
10	16QAM	25	0	21.20	21.22	21.19	22.2	0
10	16QAM	25	12	21.22	21.25	21.16		
10	16QAM	25	25	21.08	21.22	21.14		
10	16QAM	50	0	21.23	21.25	21.11		
10	64QAM	1	0	21.21	21.29	21.25	22.2	0
10	64QAM	1	25	21.12	21.22	21.21		
10	64QAM	1	49	21.25	21.20	21.15		
10	64QAM	25	0	21.23	21.24	21.21		
10	64QAM	25	12	21.08	21.17	21.09	22.2	0
10	64QAM	25	25	21.24	21.18	21.09		
10	64QAM	50	0	21.20	21.25	21.14		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.28	21.31	21.27	22.2	0
5	QPSK	1	12	21.21	21.26	21.22		
5	QPSK	1	24	21.25	21.34	21.11		
5	QPSK	12	0	21.25	21.30	21.27	22.2	0
5	QPSK	12	7	21.26	21.28	21.22		
5	QPSK	12	13	21.24	21.31	21.21		
5	QPSK	25	0	21.24	21.33	21.24	22.2	0
5	16QAM	1	0	21.23	21.26	21.21		
5	16QAM	1	12	21.21	21.14	21.09		
5	16QAM	1	24	21.16	21.26	21.10	22.2	0
5	16QAM	12	0	21.30	21.23	21.09		
5	16QAM	12	7	21.14	21.25	21.16		
5	16QAM	12	13	21.12	21.21	21.12	22.2	0
5	64QAM	1	0	21.14	21.25	21.22		
5	64QAM	1	12	21.17	21.22	21.16		
5	64QAM	1	24	21.20	21.15	21.15	22.2	0
5	64QAM	12	0	21.21	21.31	21.17		
5	64QAM	12	7	21.09	21.16	21.08		
5	64QAM	12	13	21.26	21.14	21.06	22.2	0
5	64QAM	25	0	21.15	21.17	21.20		

Band 41_Ant 2													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.39	23.35	23.44	23.31	23.25	24.2	0			
20	QPSK	1	49	23.31	23.24	23.43	23.25	23.21					
20	QPSK	1	99	23.32	23.26	23.43	23.29	23.16					
20	QPSK	50	0	23.31	23.32	23.38	23.28	23.21					
20	QPSK	50	24	23.25	23.22	23.31	23.19	23.15					
20	QPSK	50	50	23.23	23.17	23.37	23.27	23.04	24.2	0			
20	QPSK	100	0	23.30	23.16	23.35	23.26	23.14					
20	16QAM	1	0	23.21	23.22	23.34	23.20	23.16					
20	16QAM	1	49	23.19	23.19	23.30	23.16	23.07					
20	16QAM	1	99	23.19	23.14	23.28	23.22	22.95					
20	16QAM	50	0	23.02	22.73	22.91	22.66	23.09	23.7	0.5			
20	16QAM	50	24	23.09	22.78	22.89	22.61	22.98					
20	16QAM	50	50	23.17	22.91	22.86	22.57	22.96					
20	16QAM	100	0	23.10	22.86	22.78	22.62	23.01					
20	64QAM	1	0	22.77	22.49	22.55	22.23	22.72					
20	64QAM	1	49	22.89	22.54	22.50	22.34	22.76	23.7	0.5			
20	64QAM	1	99	22.75	22.62	22.51	22.33	22.63					
20	64QAM	50	0	22.08	21.77	21.86	21.56	22.03					
20	64QAM	50	24	22.10	21.75	21.80	21.60	22.00					
20	64QAM	50	50	22.09	21.81	21.74	21.61	21.90					
20	64QAM	100	0	22.07	21.84	21.79	21.61	21.95	22.7	1.5			
Channel				39725	40173	40620	41068	41515					
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.30	23.23	23.42	23.25	23.14	24.2	0			
15	QPSK	1	37	23.26	23.17	23.39	23.14	23.14					
15	QPSK	1	74	23.22	23.22	23.31	23.26	23.12					
15	QPSK	36	0	23.22	23.21	23.30	23.23	23.18					
15	QPSK	36	20	23.17	23.12	23.29	23.08	23.07					
15	QPSK	36	39	23.15	23.07	23.27	23.18	22.95	24.2	0			
15	QPSK	75	0	23.27	23.04	23.24	23.20	23.02					
15	16QAM	1	0	23.10	23.16	23.28	23.16	23.11					
15	16QAM	1	37	23.09	23.07	23.28	23.13	23.01					
15	16QAM	1	74	23.13	23.13	23.26	23.12	22.94					
15	16QAM	36	0	22.92	22.72	22.87	22.65	23.00	23.7	0.5			
15	16QAM	36	20	23.02	22.75	22.79	22.59	22.86					
15	16QAM	36	39	23.07	22.82	22.79	22.53	22.86					
15	16QAM	75	0	23.02	22.83	22.87	22.51	22.95					
15	64QAM	1	0	22.69	22.39	22.47	22.12	22.64					
15	64QAM	1	37	22.80	22.5	22.39	22.29	22.71	23.7	0.5			
15	64QAM	1	74	22.71	22.55	22.39	22.21	22.60					
15	64QAM	36	0	21.95	21.72	21.74	21.47	21.99					
15	64QAM	36	20	21.99	21.66	21.77	21.56	21.92					
15	64QAM	36	39	21.99	21.7	21.63	21.53	21.87					
15	64QAM	75	0	21.97	21.74	21.67	21.55	21.92	22.7	1.5			
Channel				39700	40160	40620	41080	41540					
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	23.30	23.23	23.40	23.30	23.14	24.2	0			
10	QPSK	1	25	23.26	23.12	23.36	23.19	23.09					
10	QPSK	1	49	23.24	23.16	23.41	23.21	23.13					
10	QPSK	25	0	23.21	23.25	23.34	23.23	23.12					
10	QPSK	25	12	23.16	23.16	23.19	23.08	23.13					
10	QPSK	25	25	23.16	23.16	23.35	23.26	22.96	24.2	0			
10	QPSK	50	0	23.28	23.08	23.23	23.24	23.04					
10	16QAM	1	0	23.13	23.12	23.29	23.12	23.05					
10	16QAM	1	25	23.10	23.14	23.27	23.11	23.05					
10	16QAM	1	49	23.17	23.07	23.26	23.19	22.86					
10	16QAM	25	0	22.98	22.70	22.83	22.54	23.08	23.7	0.5			
10	16QAM	25	12	22.99	22.69	22.83	22.49	22.88					
10	16QAM	25	25	23.06	22.89	22.78	22.50	22.95					
10	16QAM	50	0	22.98	22.74	22.72	22.60	22.91					
10	64QAM	1	0	22.74	22.39	22.45	22.12	22.71					
10	64QAM	1	25	22.78	22.42	22.39	22.31	22.72	23.7	0.5			
10	64QAM	1	49	22.72	22.60	22.43	22.28	22.61					
10	64QAM	25	0	22.00	21.65	21.83	21.45	21.92					
10	64QAM	25	12	22.01	21.63	21.75	21.55	21.99					
10	64QAM	25	25	22.02	21.72	21.63	21.53	21.82					
10	64QAM	50	0	22.00	21.73	21.73	21.58	21.91	22.7	1.5			
Channel				39675	40148	40620	41093	41565					
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	23.34	23.33	23.37	23.19	23.24	24.2	0			
5	QPSK	1	12	23.20	23.22	23.38	23.22	23.14					
5	QPSK	1	24	23.30	23.20	23.36	23.25	23.12					
5	QPSK	12	0	23.24	23.28	23.29	23.24	23.14					
5	QPSK	12	7	23.24	23.21	23.21	23.13	23.07					
5	QPSK	12	13	23.11	23.09	23.35	23.21	23.01	24.2	0			
5	QPSK	25	0	23.28	23.09	23.33	23.20	23.02					
5	16QAM	1	0	23.18	23.17	23.30	23.09	23.06					
5	16QAM	1	12	23.09	23.14	23.29	23.04	23.04					
5	16QAM	1	24	23.14	23.07	23.27	23.11	22.94					
5	16QAM	12	0	22.96	22.66	22.87	22.59	23.01	23.7	0.5			
5	16QAM	12	7	23.06	22.68	22.82	22.59	22.91					
5	16QAM	12	13	23.13	22.87	22.79	22.46	22.90					
5	16QAM	25	0	22.96	22.79	22.75	22.37	22.89					
5	64QAM	1	0	22.72	22.39	22.54	22.22	22.65					
5	64QAM	1	12	22.87	22.45	22.47	22.31	22.66	23.7	0.5			
5	64QAM	1	24	22.64	22.60	22.50	22.21	22.57					
5	64QAM	12	0	22.05	21.76	21.80	21.55	21.97					
5	64QAM	12	7	22.09	21.69	21.74	21.57	21.93					
5	64QAM	12	13	21.99	21.78	21.86	21.53	21.89					
5	64QAM	25	0	22.02	21.81	21.72	21.58	21.85	22.7	1.5			

Band 41_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2549.5	2593	2638.5	2680				
20	QPSK	1	0	21.93	22.00	22.04	21.90	21.99	23	0		
20	QPSK	1	49	21.81	21.90	21.95	21.83	21.88				
20	QPSK	1	99	21.81	21.93	21.96	21.80	21.98				
20	QPSK	50	0	21.86	21.95	21.98	21.82	21.97				
20	QPSK	50	24	21.78	21.82	21.87	21.80	21.76	23	0		
20	QPSK	50	50	21.79	21.89	21.92	21.73	21.92				
20	QPSK	100	0	21.82	21.88	21.95	21.84	21.92				
20	16QAM	1	0	21.81	21.92	21.92	21.89	21.96				
20	16QAM	1	49	21.80	21.88	21.89	21.89	21.83	23	0		
20	16QAM	1	99	21.76	21.86	21.87	21.80	21.93				
20	16QAM	50	0	21.88	21.42	21.78	21.75	22.00				
20	16QAM	50	24	21.71	21.66	21.66	21.69	21.78				
20	16QAM	50	50	21.76	21.58	21.77	21.81	21.78	22.5	0.5		
20	16QAM	100	0	21.70	21.58	21.77	21.73	21.84				
20	64QAM	1	0	21.41	21.20	21.42	21.43	21.71				
20	64QAM	1	49	21.46	21.24	21.44	21.48	21.55				
20	64QAM	1	99	21.46	21.24	21.52	21.50	21.45	22.5	0.5		
20	64QAM	50	0	20.59	20.39	20.76	20.81	20.97				
20	64QAM	50	24	20.61	20.39	20.43	20.76	20.82				
20	64QAM	50	50	20.70	20.54	20.71	20.78	20.74				
20	64QAM	100	0	20.63	20.52	20.68	20.79	20.88	21.5	1.5		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2500.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	21.82	21.88	21.94	21.97	21.87			23	0
15	QPSK	1	37	21.77	21.79	21.91	21.88	21.78				
15	QPSK	1	74	21.72	21.81	21.85	21.85	21.77				
15	QPSK	36	0	21.85	21.90	21.91	21.78	21.92				
15	QPSK	36	20	21.73	21.74	21.86	21.75	21.71	23	0		
15	QPSK	36	39	21.69	21.83	21.82	21.78	21.85				
15	QPSK	75	0	21.78	21.86	21.93	21.73	21.83				
15	16QAM	1	0	21.75	21.87	21.87	21.88	21.90				
15	16QAM	1	37	21.68	21.82	21.79	21.84	21.77	23	0		
15	16QAM	1	74	21.71	21.74	21.86	21.84	21.84				
15	16QAM	36	0	21.57	21.30	21.66	21.73	21.77				
15	16QAM	36	20	21.69	21.38	21.70	21.87	21.83				
15	16QAM	36	39	21.74	21.50	21.71	21.70	21.68	22.5	0.5		
15	16QAM	75	0	21.59	21.57	21.71	21.70	21.72				
15	64QAM	1	0	21.40	21.08	21.36	21.38	21.42				
15	64QAM	1	37	21.41	21.17	21.46	21.39	21.48				
15	64QAM	1	74	21.30	21.34	21.45	21.44	21.42	22.5	0.5		
15	64QAM	36	0	20.51	20.30	20.73	20.70	20.96				
15	64QAM	36	20	20.52	20.41	20.71	20.70	20.70				
15	64QAM	36	39	20.63	20.46	20.64	20.70	20.63				
15	64QAM	75	0	20.56	20.51	20.63	20.77	20.78	21.5	1.5		
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2686				
10	QPSK	1	0	21.85	21.88	21.92	21.91	21.93			23	0
10	QPSK	1	25	21.75	21.87	21.89	21.79	21.84				
10	QPSK	1	49	21.76	21.90	21.83	21.86	21.89				
10	QPSK	25	0	21.84	21.93	21.90	21.89	21.95				
10	QPSK	25	12	21.75	21.71	21.78	21.75	21.74	23	0		
10	QPSK	25	25	21.73	21.78	21.78	21.78	21.89				
10	QPSK	50	0	21.71	21.76	21.89	21.81	21.89				
10	16QAM	1	0	21.73	21.85	21.86	21.84	21.96				
10	16QAM	1	25	21.76	21.76	21.88	21.85	21.78	23	0		
10	16QAM	1	49	21.72	21.78	21.79	21.71	21.83				
10	16QAM	25	0	21.58	21.33	21.71	21.67	21.99				
10	16QAM	25	12	21.59	21.41	21.73	21.79	21.80				
10	16QAM	25	25	21.69	21.54	21.66	21.76	21.76	22.5	0.5		
10	16QAM	50	0	21.67	21.58	21.71	21.82	21.80				
10	64QAM	1	0	21.37	21.09	21.35	21.40	21.63				
10	64QAM	1	25	21.43	21.21	21.41	21.38	21.45				
10	64QAM	1	49	21.38	21.30	21.46	21.39	21.41	22.5	0.5		
10	64QAM	25	0	20.50	20.28	20.75	20.76	20.94				
10	64QAM	25	12	20.50	20.36	20.71	20.67	20.77				
10	64QAM	25	25	20.69	20.52	20.67	20.76	20.77				
10	64QAM	50	0	20.60	20.51	20.59	20.68	20.85	21.5	1.5		
Channel				39675	40140	40620	41093	41566				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	21.88	21.99	22.03	22.00	21.87			23	0
5	QPSK	1	12	21.73	21.78	21.84	21.88	21.77				
5	QPSK	1	24	21.70	21.84	21.83	21.84	21.88				
5	QPSK	12	0	21.85	21.91	21.89	21.85	21.85				
5	QPSK	12	7	21.70	21.76	21.80	21.81	21.74	23	0		
5	QPSK	12	13	21.76	21.82	21.78	21.82	21.81				
5	16QAM	1	0	21.77	21.79	21.92	21.79	21.87				
5	16QAM	1	12	21.75	21.84	21.86	21.95	21.93				
5	16QAM	1	24	21.72	21.83	21.79	21.72	21.85	23	0		
5	16QAM	12	0	21.58	21.32	21.67	21.73	21.83				
5	16QAM	12	7	21.60	21.48	21.64	21.67	21.96				
5	16QAM	12	13	21.71	21.54	21.70	21.74	21.71				
5	16QAM	25	0	21.64	21.48	21.69	21.66	21.72	22.5	0.5		
5	64QAM	1	0	21.40	21.10	21.32	21.42	21.60				
5	64QAM	1	12	21.36	21.22	21.39	21.44	21.48				
5	64QAM	1	24	21.30	21.37	21.45	21.47	21.34				
5	64QAM	12	0	20.53	20.32	20.66	20.74	20.96	21.5	1.5		
5	64QAM	12	7	20.51	20.41	20.65	20.68	20.79				
5	64QAM	12	13	20.59	20.47	20.64	20.74	20.68				
5	64QAM	25	0	20.55	20.44	20.56	20.78	20.86				

Band 41_Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	22.2	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.34	21.48	21.52	21.45	21.29	22.2	0
20	QPSK	1	49	21.26	21.36	21.40	21.34	21.27		
20	QPSK	1	99	21.29	21.41	21.44	21.36	21.24	22.2	0
20	QPSK	50	0	21.27	21.45	21.50	21.43	21.21		
20	QPSK	50	24	21.18	21.25	21.36	21.29	21.16	22.2	0
20	QPSK	50	50	21.25	21.40	21.38	21.32	21.15		
20	QPSK	100	0	21.18	21.39	21.47	21.37	21.10	22.2	0
20	16QAM	1	0	21.30	21.40	21.43	21.35	21.26		
20	16QAM	1	49	21.16	21.24	21.30	21.28	21.16	22.2	0
20	16QAM	1	99	21.26	21.30	21.34	21.34	21.15		
20	16QAM	50	0	21.22	21.40	21.50	21.34	21.27	22.2	0
20	16QAM	50	24	21.19	21.24	21.34	21.22	21.18		
20	16QAM	50	50	21.17	21.34	21.37	21.29	21.15	22.2	0
20	16QAM	100	0	21.25	21.38	21.45	21.33	21.19		
20	64QAM	1	0	21.30	21.40	21.45	21.44	21.24	22.2	0
20	64QAM	1	49	21.24	21.25	21.35	21.28	21.16		
20	64QAM	1	99	21.25	21.33	21.33	21.33	21.19	22.2	0
20	64QAM	50	0	21.21	21.38	21.41	21.37	21.20		
20	64QAM	50	24	21.17	21.22	21.35	21.24	21.14	22.2	0
20	64QAM	50	50	21.14	21.29	21.34	21.25	21.14		
20	64QAM	100	0	21.12	21.31	21.39	21.34	21.04	Tune-up limit (dBm)	MPR (dB)
Channel				39725	40173	40620	41068	41515	22.2	0
Frequency (MHz)				25015	25433	2593	2637.8	2682.5		
15	QPSK	1	0	21.27	21.36	21.40	21.42	21.24	22.2	0
15	QPSK	1	37	21.21	21.35	21.34	21.32	21.22		
15	QPSK	1	74	21.21	21.29	21.32	21.29	21.16	22.2	0
15	QPSK	36	0	21.23	21.37	21.45	21.35	21.09		
15	QPSK	36	20	21.15	21.17	21.29	21.28	21.07	22.2	0
15	QPSK	36	39	21.13	21.38	21.27	21.22	21.04		
15	QPSK	75	0	21.07	21.34	21.41	21.32	20.98	22.2	0
15	16QAM	1	0	21.27	21.36	21.39	21.31	21.15		
15	16QAM	1	37	21.14	21.15	21.19	21.19	21.10	22.2	0
15	16QAM	1	74	21.24	21.24	21.23	21.29	21.04		
15	16QAM	36	0	21.16	21.36	21.42	21.22	21.23	22.2	0
15	16QAM	36	20	21.14	21.23	21.29	21.17	21.14		
15	16QAM	36	39	21.08	21.22	21.29	21.20	21.13	22.2	0
15	16QAM	75	0	21.19	21.26	21.35	21.25	21.08		
15	64QAM	1	0	21.28	21.37	21.37	21.42	21.18	22.2	0
15	64QAM	1	37	21.23	21.20	21.28	21.20	21.07		
15	64QAM	1	74	21.15	21.32	21.21	21.23	21.08	22.2	0
15	64QAM	36	0	21.17	21.32	21.36	21.32	21.16		
15	64QAM	36	20	21.08	21.19	21.23	21.14	21.10	22.2	0
15	64QAM	36	39	21.02	21.24	21.31	21.24	21.10		
15	64QAM	75	0	21.09	21.29	21.35	21.30	20.99	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40160	40620	41080	41540	22.2	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.26	21.42	21.42	21.40	21.17	22.2	0
10	QPSK	1	25	21.24	21.29	21.36	21.26	21.16		
10	QPSK	1	49	21.21	21.34	21.37	21.29	21.23	22.2	0
10	QPSK	25	0	21.25	21.34	21.44	21.40	21.17		
10	QPSK	25	12	21.08	21.17	21.30	21.19	21.15	22.2	0
10	QPSK	25	25	21.14	21.37	21.27	21.29	21.04		
10	QPSK	50	0	21.13	21.38	21.43	21.27	21.06	22.2	0
10	16QAM	1	0	21.19	21.28	21.42	21.25	21.24		
10	16QAM	1	25	21.10	21.17	21.29	21.25	21.15	22.2	0
10	16QAM	1	49	21.21	21.23	21.26	21.31	21.13		
10	16QAM	25	0	21.16	21.28	21.36	21.26	21.21	22.2	0
10	16QAM	25	12	21.08	21.21	21.32	21.19	21.07		
10	16QAM	25	25	21.08	21.22	21.33	21.25	21.05	22.2	0
10	16QAM	50	0	21.14	21.26	21.41	21.31	21.11		
10	64QAM	1	0	21.26	21.30	21.42	21.42	21.14	22.2	0
10	64QAM	1	25	21.21	21.13	21.25	21.19	21.04		
10	64QAM	1	49	21.21	21.26	21.24	21.25	21.16	22.2	0
10	64QAM	25	0	21.20	21.25	21.39	21.31	21.19		
10	64QAM	25	12	21.16	21.16	21.25	21.16	21.11	22.2	0
10	64QAM	25	25	21.04	21.18	21.29	21.21	21.03		
10	64QAM	50	0	21.11	21.29	21.37	21.32	20.93	Tune-up limit (dBm)	MPR (dB)
Channel				39675	40148	40620	41093	41565	22.2	0
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.30	21.43	21.44	21.39	21.20	22.2	0
5	QPSK	1	12	21.16	21.29	21.39	21.29	21.16		
5	QPSK	1	24	21.22	21.40	21.37	21.28	21.14	22.2	0
5	QPSK	12	0	21.26	21.43	21.43	21.37	21.15		
5	QPSK	12	7	21.10	21.20	21.34	21.26	21.15	22.2	0
5	QPSK	12	13	21.22	21.36	21.35	21.25	21.12		
5	QPSK	25	0	21.08	21.35	21.39	21.25	21.05	22.2	0
5	16QAM	1	0	21.24	21.29	21.36	21.28	21.24		
5	16QAM	1	12	21.08	21.22	21.26	21.16	21.06	22.2	0
5	16QAM	1	24	21.17	21.23	21.32	21.24	21.04		
5	16QAM	12	0	21.14	21.33	21.39	21.26	21.17	22.2	0
5	16QAM	12	7	21.10	21.21	21.30	21.13	21.09		
5	16QAM	12	13	21.05	21.30	21.32	21.28	21.11	22.2	0
5	16QAM	25	0	21.15	21.27	21.44	21.21	21.17		
5	64QAM	1	0	21.26	21.30	21.37	21.34	21.15	22.2	0
5	64QAM	1	12	21.20	21.21	21.28	21.27	21.13		
5	64QAM	1	24	21.13	21.29	21.23	21.32	21.18	22.2	0
5	64QAM	12	0	21.16	21.26	21.31	21.31	21.12		
5	64QAM	12	7	21.09	21.11	21.30	21.20	21.10	22.2	0
5	64QAM	12	13	21.12	21.23	21.33	21.20	21.02		
5	64QAM	25	0	21.02	21.20	21.34	21.27	20.97	Tune-up limit (dBm)	MPR (dB)

Band 42_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.67	20.76	20.75	22	0
20	QPSK	1	49	20.55	20.64	20.68		
20	QPSK	1	99	20.66	20.69	20.68		
20	QPSK	50	0	20.63	20.75	20.73		
20	QPSK	50	24	20.61	20.72	20.72	22	0
20	QPSK	50	50	20.54	20.57	20.58		
20	QPSK	100	0	20.64	20.65	20.58		
20	16QAM	1	0	20.63	20.70	20.66		
20	16QAM	1	49	20.53	20.58	20.67	22	0
20	16QAM	1	99	20.65	20.68	20.61		
20	16QAM	50	0	20.62	20.72	20.72		
20	16QAM	50	24	20.50	20.53	20.56		
20	16QAM	50	50	20.58	20.59	20.60	22	0
20	16QAM	100	0	20.53	20.71	20.66		
20	64QAM	1	0	20.53	20.64	20.65		
20	64QAM	1	49	20.51	20.45	20.52		
20	64QAM	1	99	20.63	20.59	20.54	22	0
20	64QAM	50	0	20.47	20.67	20.62		
20	64QAM	50	24	20.44	20.61	20.59		
20	64QAM	50	50	20.42	20.55	20.62		
20	64QAM	100	0	20.43	20.44	20.47		
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.65	20.72	20.67	22	0
15	QPSK	1	37	20.54	20.56	20.67		
15	QPSK	1	74	20.54	20.66	20.58		
15	QPSK	36	0	20.55	20.61	20.61		
15	QPSK	36	20	20.50	20.64	20.69	22	0
15	QPSK	36	39	20.49	20.54	20.54		
15	QPSK	75	0	20.54	20.58	20.57		
15	16QAM	1	0	20.58	20.60	20.62		
15	16QAM	1	37	20.49	20.53	20.58	22	0
15	16QAM	1	74	20.55	20.60	20.54		
15	16QAM	36	0	20.50	20.60	20.67		
15	16QAM	36	20	20.46	20.48	20.55		
15	16QAM	36	39	20.54	20.50	20.54	22	0
15	16QAM	75	0	20.46	20.59	20.64		
15	64QAM	1	0	20.49	20.58	20.61		
15	64QAM	1	37	20.59	20.70	20.64		
15	64QAM	1	74	20.60	20.65	20.51	22	0
15	64QAM	36	0	20.40	20.62	20.54		
15	64QAM	36	20	20.37	20.59	20.49		
15	64QAM	36	39	20.30	20.44	20.56		
15	64QAM	75	0	20.38	20.37	20.36		
Channel				42140	42590	43040		
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.62	20.70	20.64	22	0
10	QPSK	1	25	20.45	20.52	20.59		
10	QPSK	1	49	20.57	20.63	20.63		
10	QPSK	25	0	20.60	20.72	20.69		
10	QPSK	25	12	20.55	20.68	20.70	22	0
10	QPSK	25	25	20.53	20.46	20.55		
10	QPSK	50	0	20.53	20.57	20.60		
10	16QAM	1	0	20.58	20.66	20.56		
10	16QAM	1	25	20.48	20.55	20.60	22	0
10	16QAM	1	49	20.63	20.62	20.49		
10	16QAM	25	0	20.56	20.60	20.62		
10	16QAM	25	12	20.38	20.43	20.47		
10	16QAM	25	25	20.50	20.52	20.50	22	0
10	16QAM	50	0	20.52	20.63	20.55		
10	64QAM	1	0	20.43	20.61	20.63		
10	64QAM	1	25	20.47	20.42	20.48		
10	64QAM	1	49	20.62	20.57	20.51	22	0
10	64QAM	25	0	20.46	20.59	20.56		
10	64QAM	25	12	20.38	20.51	20.50		
10	64QAM	25	25	20.30	20.45	20.53		
10	64QAM	50	0	20.35	20.34	20.46		
Channel				42115	42590	43065	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.58	20.69	20.71	22	0
5	QPSK	1	12	20.49	20.52	20.67		
5	QPSK	1	24	20.64	20.57	20.67		
5	QPSK	12	0	20.62	20.64	20.64		
5	QPSK	12	7	20.59	20.60	20.65	22	0
5	QPSK	12	13	20.48	20.54	20.50		
5	QPSK	26	0	20.52	20.54	20.50		
5	16QAM	1	0	20.59	20.64	20.56		
5	16QAM	1	12	20.52	20.51	20.59	22	0
5	16QAM	1	24	20.60	20.65	20.55		
5	16QAM	12	0	20.55	20.67	20.67		
5	16QAM	12	7	20.40	20.52	20.45		
5	16QAM	12	13	20.49	20.55	20.50	22	0
5	16QAM	25	0	20.50	20.67	20.61		
5	64QAM	1	0	20.44	20.59	20.59		
5	64QAM	1	12	20.43	20.44	20.44		
5	64QAM	1	24	20.62	20.51	20.44	22	0
5	64QAM	12	0	20.44	20.57	20.60		
5	64QAM	12	7	20.37	20.60	20.56		
5	64QAM	12	13	20.39	20.53	20.57		
5	64QAM	25	0	20.33	20.36	20.35		

Band 42_Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	19.95	20.11	20.05	21		0
20	QPSK	1	49	19.84	20.03	19.95			
20	QPSK	1	99	19.83	20.07	19.97			
20	QPSK	50	0	19.89	20.05	20.01			
20	QPSK	50	24	19.72	19.96	19.94	21		0
20	QPSK	50	50	19.82	20.01	19.96			
20	QPSK	100	0	19.77	19.96	19.92			
20	16QAM	1	0	19.94	20.09	20.03			
20	16QAM	1	49	19.72	19.95	19.94	21		0
20	16QAM	1	99	19.82	19.98	19.88			
20	16QAM	50	0	19.86	20.00	20.00			
20	16QAM	50	24	19.70	19.87	19.91			
20	16QAM	50	50	19.80	19.94	19.90	21		0
20	16QAM	100	0	19.76	19.95	19.82			
20	64QAM	1	0	19.86	19.99	19.97			
20	64QAM	1	49	19.75	19.91	19.83			
20	64QAM	1	99	19.82	20.06	19.89	21		0
20	64QAM	50	0	19.86	20.01	19.94			
20	64QAM	50	24	19.71	19.95	19.90			
20	64QAM	50	50	19.78	19.91	19.87			
20	64QAM	100	0	19.76	19.86	19.83			
Channel				42165	42590	43015	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.88	20.02	20.02	21		0
15	QPSK	1	37	19.82	19.95	19.90			
15	QPSK	1	74	19.71	20.00	19.85			
15	QPSK	36	0	19.79	20.03	19.93			
15	QPSK	36	20	19.63	19.95	19.89	21		0
15	QPSK	36	39	19.81	19.99	19.89			
15	QPSK	75	0	19.69	19.86	19.89			
15	16QAM	1	0	19.83	20.07	20.00			
15	16QAM	1	37	19.66	19.85	19.84	21		0
15	16QAM	1	74	19.72	19.89	19.79			
15	16QAM	36	0	19.79	19.93	19.93			
15	16QAM	36	20	19.66	19.80	19.84			
15	16QAM	36	39	19.71	19.86	19.79	21		0
15	16QAM	75	0	19.69	19.91	19.70			
15	64QAM	1	0	19.76	19.96	19.86			
15	64QAM	1	37	19.67	19.90	19.72			
15	64QAM	1	74	19.81	20.03	19.78	21		0
15	64QAM	36	0	19.78	19.96	19.85			
15	64QAM	36	20	19.63	19.84	19.87			
15	64QAM	36	39	19.67	19.87	19.76			
15	64QAM	75	0	19.75	19.81	19.76			
Channel				42140	42590	43040	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.86	20.06	19.96	21		0
10	QPSK	1	25	19.73	19.96	19.83			
10	QPSK	1	49	19.73	20.01	19.87			
10	QPSK	25	0	19.81	19.96	19.89			
10	QPSK	25	12	19.65	19.85	19.82	21		0
10	QPSK	25	25	19.79	19.91	19.86			
10	QPSK	50	0	19.71	19.93	19.81			
10	16QAM	1	0	19.90	20.02	19.95			
10	16QAM	1	25	19.68	19.92	19.83	21		0
10	16QAM	1	49	19.73	19.90	19.85			
10	16QAM	25	0	19.80	19.94	19.90			
10	16QAM	25	12	19.64	19.75	19.88			
10	16QAM	25	25	19.76	19.91	19.81	21		0
10	16QAM	50	0	19.72	19.87	19.73			
10	64QAM	1	0	19.78	19.96	19.85			
10	64QAM	1	25	19.69	19.86	19.73			
10	64QAM	1	49	19.70	19.87	19.81	21		0
10	64QAM	25	0	19.74	19.95	19.89			
10	64QAM	25	12	19.67	19.89	19.84			
10	64QAM	25	25	19.77	19.84	19.77			
10	64QAM	50	0	19.72	19.81	19.74			
Channel				42115	42590	43065	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.88	20.08	20.04	21		0
5	QPSK	1	12	19.74	19.96	19.91			
5	QPSK	1	24	19.81	20.01	19.91			
5	QPSK	12	0	19.79	20.01	19.96			
5	QPSK	12	7	19.65	19.89	19.84	21		0
5	QPSK	12	13	19.79	19.97	19.87			
5	QPSK	25	0	19.65	19.90	19.89			
5	16QAM	1	0	19.90	19.99	19.94			
5	16QAM	1	12	19.71	19.87	19.93	21		0
5	16QAM	1	24	19.77	19.91	19.83			
5	16QAM	12	0	19.83	19.96	19.96			
5	16QAM	12	7	19.67	19.76	19.88			
5	16QAM	12	13	19.79	19.93	19.90	21		0
5	16QAM	25	0	19.66	19.85	19.71			
5	64QAM	1	0	19.85	19.87	19.91			
5	64QAM	1	12	19.63	19.89	19.81			
5	64QAM	1	24	19.79	19.96	19.79	21		0
5	64QAM	12	0	19.75	19.91	19.89			
5	64QAM	12	7	19.60	19.86	19.82			
5	64QAM	12	13	19.66	19.83	19.77			
5	64QAM	25	0	19.66	19.84	19.80			

Band 42_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	17.5	0	
20	QPSK	1	0	16.72	16.80	16.75			
20	QPSK	1	49	16.60	16.74	16.74			
20	QPSK	1	99	16.67	16.69	16.71			
20	QPSK	50	0	16.64	16.71	16.70			
20	QPSK	50	24	16.63	16.68	16.68			
20	QPSK	50	50	16.52	16.66	16.67			
20	QPSK	100	0	16.58	16.65	16.64			
20	16QAM	1	0	16.63	16.79	16.65			
20	16QAM	1	49	16.51	16.62	16.69			
20	16QAM	1	99	16.61	16.63	16.61	17.5	0	
20	16QAM	50	0	16.60	16.61	16.69			
20	16QAM	50	24	16.54	16.59	16.67			
20	16QAM	50	50	16.40	16.65	16.61			
20	16QAM	100	0	16.52	16.57	16.61			
20	64QAM	1	0	16.66	16.70	16.68			
20	64QAM	1	49	16.57	16.63	16.67			
20	64QAM	1	99	16.56	16.68	16.62			
20	64QAM	50	0	16.63	16.59	16.66			
20	64QAM	50	24	16.53	16.66	16.56			
20	64QAM	50	50	16.40	16.56	16.56	17.5	0	
20	64QAM	100	0	16.48	16.64	16.55			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	17.5	0	
15	QPSK	1	0	16.60	16.72	16.73			
15	QPSK	1	37	16.51	16.67	16.65			
15	QPSK	1	74	16.56	16.62	16.69			
15	QPSK	36	0	16.62	16.66	16.60			
15	QPSK	36	20	16.61	16.61	16.59			
15	QPSK	36	39	16.43	16.64	16.58			
15	QPSK	75	0	16.47	16.53	16.54			
15	16QAM	1	0	16.53	16.77	16.60			
15	16QAM	1	37	16.40	16.52	16.59	17.5	0	
15	16QAM	1	74	16.59	16.56	16.56			
15	16QAM	36	0	16.56	16.53	16.57			
15	16QAM	36	20	16.49	16.52	16.62			
15	16QAM	36	39	16.33	16.62	16.60			
15	16QAM	75	0	16.44	16.50	16.55			
15	64QAM	1	0	16.63	16.59	16.61			
15	64QAM	1	37	16.49	16.60	16.62			
15	64QAM	1	74	16.49	16.63	16.60			
15	64QAM	36	0	16.62	16.49	16.65	17.5	0	
15	64QAM	36	20	16.42	16.63	16.54			
15	64QAM	36	39	16.30	16.55	16.50			
15	64QAM	75	0	16.47	16.61	16.54			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	17.5	0	
10	QPSK	1	0	16.67	16.74	16.63			
10	QPSK	1	25	16.51	16.67	16.67			
10	QPSK	1	49	16.63	16.59	16.69			
10	QPSK	25	0	16.53	16.70	16.60			
10	QPSK	25	12	16.56	16.63	16.59			
10	QPSK	25	25	16.41	16.54	16.64			
10	QPSK	50	0	16.50	16.64	16.62			
10	16QAM	1	0	16.53	16.78	16.61			
10	16QAM	1	25	16.49	16.54	16.59	17.5	0	
10	16QAM	1	49	16.58	16.60	16.54			
10	16QAM	25	0	16.52	16.50	16.57			
10	16QAM	25	12	16.44	16.53	16.60			
10	16QAM	25	25	16.34	16.56	16.54			
10	16QAM	50	0	16.49	16.53	16.51			
10	64QAM	1	0	16.62	16.62	16.64			
10	64QAM	1	25	16.51	16.55	16.57			
10	64QAM	1	49	16.52	16.57	16.56			
10	64QAM	25	0	16.62	16.53	16.58	17.5	0	
10	64QAM	25	12	16.43	16.62	16.44			
10	64QAM	25	25	16.29	16.46	16.52			
10	64QAM	50	0	16.38	16.58	16.49			
Channel				42115	42590	43065			
Frequency (MHz)				3462.5	3500	3547.5	17.5	0	
5	QPSK	1	0	16.65	16.73	16.63			
5	QPSK	1	12	16.50	16.69	16.73			
5	QPSK	1	24	16.58	16.68	16.61			
5	QPSK	12	0	16.55	16.68	16.69			
5	QPSK	12	7	16.62	16.58	16.59			
5	QPSK	12	13	16.41	16.63	16.61			
5	QPSK	25	0	16.47	16.55	16.63			
5	16QAM	1	0	16.57	16.77	16.55			
5	16QAM	1	12	16.44	16.58	16.65	17.5	0	
5	16QAM	1	24	16.52	16.51	16.56			
5	16QAM	12	0	16.49	16.55	16.68			
5	16QAM	12	7	16.45	16.50	16.56			
5	16QAM	12	13	16.33	16.55	16.51			
5	16QAM	25	0	16.46	16.46	16.49			
5	64QAM	1	0	16.60	16.60	16.56			
5	64QAM	1	12	16.54	16.59	16.57			
5	64QAM	1	24	16.48	16.66	16.58			
5	64QAM	12	0	16.56	16.51	16.60	17.5	0	
5	64QAM	12	7	16.43	16.59	16.55			
5	64QAM	12	13	16.35	16.46	16.45			
5	64QAM	25	0	16.36	16.57	16.52			



UL CA Power

CA_41C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dbm)	Tune up Power (dbm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	full	22.82	24.50
40185	40383	QPSK	1	0	0	0	1	0	full	22.74	24.50
40620	40818	QPSK	1	0	0	0	1	0	full	22.64	24.50
41055	41253	QPSK	1	0	0	0	1	0	full	22.75	24.50
41490	41292	QPSK	1	0	0	0	1	0	full	22.80	24.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 0	19.92	21.00
40185	40383	QPSK	1	0	0	0	1	0	DSI 0	19.83	21.00
40620	40818	QPSK	1	0	0	0	1	0	DSI 0	19.67	21.00
41055	41253	QPSK	1	0	0	0	1	0	DSI 0	19.85	21.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 0	19.91	21.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	21.45	23.00
40185	40383	QPSK	1	0	0	0	1	0	DSI 1	21.23	23.00
40620	40818	QPSK	1	0	0	0	1	0	DSI 1	21.08	23.00
41055	41253	QPSK	1	0	0	0	1	0	DSI 1	21.27	23.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	21.44	23.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	22.82	24.50
40185	40383	QPSK	1	0	0	0	1	0	DSI 3	22.74	24.50
40620	40818	QPSK	1	0	0	0	1	0	DSI 3	22.64	24.50
41055	41253	QPSK	1	0	0	0	1	0	DSI 3	22.75	24.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	22.80	24.50
39750	39948	QPSK	50	0	0	0	1	0	DSI 4	19.92	21.00
40185	40383	QPSK	50	0	0	0	1	0	DSI 4	19.83	21.00
40620	40818	QPSK	50	0	0	0	1	0	DSI 4	19.67	21.00
41055	41253	QPSK	50	0	0	0	1	0	DSI 4	19.85	21.00
41490	41292	QPSK	50	0	0	0	1	0	DSI 4	19.91	21.00

CA_41C_Ant 2 Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	full	24.00	25.70
40185	40383	QPSK	1	0	0	0	1	0	full	23.84	25.70
40620	40818	QPSK	1	0	0	0	1	0	full	24.26	25.70
41055	41253	QPSK	1	0	0	0	1	0	full	24.04	25.70
41490	41292	QPSK	1	0	0	0	1	0	full	24.24	25.70
39750	39948	QPSK	1	0	0	0	1	0	DSI 0	24.00	25.70
40185	40383	QPSK	1	0	0	0	1	0	DSI 0	23.84	25.70
40620	40818	QPSK	1	0	0	0	1	0	DSI 0	24.26	25.70
41055	41253	QPSK	1	0	0	0	1	0	DSI 0	24.04	25.70
41490	41292	QPSK	1	0	0	0	1	0	DSI 0	24.24	25.70
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	22.52	24.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 1	22.31	24.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 1	22.79	24.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 1	22.51	24.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	22.77	24.20
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	24.00	25.70
40185	40383	QPSK	1	0	0	0	1	0	DSI 3	23.84	25.70
40620	40818	QPSK	1	0	0	0	1	0	DSI 3	24.26	25.70
41055	41253	QPSK	1	0	0	0	1	0	DSI 3	24.04	25.70
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	24.24	25.70
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	22.52	24.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 4	22.31	24.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 4	22.79	24.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 4	22.51	24.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	22.77	24.20

CA_41C_Ant 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	full	22.67	24.50
40185	40383	QPSK	1	0	0	0	1	0	full	22.74	24.50
40620	40818	QPSK	1	0	0	0	1	0	full	22.57	24.50
41055	41253	QPSK	1	0	0	0	1	0	full	22.53	24.50
41490	41292	QPSK	1	0	0	0	1	0	full	22.53	24.50
39750	39948	QPSK	1	0	0	0	1	0	DSI 0	21.13	23.00
40185	40383	QPSK	1	0	0	0	1	0	DSI 0	21.18	23.00
40620	40818	QPSK	1	0	0	0	1	0	DSI 0	21.03	23.00
41055	41253	QPSK	1	0	0	0	1	0	DSI 0	21.05	23.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 0	21.00	23.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	22.15	24.00
40185	40383	QPSK	1	0	0	0	1	0	DSI 1	22.05	24.00
40620	40818	QPSK	1	0	0	0	1	0	DSI 1	22.19	24.00
41055	41253	QPSK	1	0	0	0	1	0	DSI 1	22.03	24.00
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	22.05	24.00
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	22.67	24.50
40185	40383	QPSK	1	0	0	0	1	0	DSI 3	22.74	24.50
40620	40818	QPSK	1	0	0	0	1	0	DSI 3	22.57	24.50
41055	41253	QPSK	1	0	0	0	1	0	DSI 3	22.53	24.50
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	22.53	24.50
39750	39948	QPSK	50	0	0	0	1	0	DSI 4	21.13	23.00
40185	40383	QPSK	50	0	0	0	1	0	DSI 4	21.18	23.00
40620	40818	QPSK	50	0	0	0	1	0	DSI 4	21.03	23.00
41055	41253	QPSK	50	0	0	0	1	0	DSI 4	21.05	23.00
41490	41292	QPSK	50	0	0	0	1	0	DSI 4	21.00	23.00

CA_41C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	full	24.67	25.70
40185	40383	QPSK	1	0	0	0	1	0	full	24.34	25.70
40620	40818	QPSK	1	0	0	0	1	0	full	24.73	25.70
41055	41253	QPSK	1	0	0	0	1	0	full	24.53	25.70
41490	41292	QPSK	1	0	0	0	1	0	full	24.71	25.70
39750	39948	QPSK	1	0	0	0	1	0	DSI 0	20.95	22.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 0	20.62	22.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 0	21.04	22.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 0	20.78	22.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 0	21.03	22.20
39750	39948	QPSK	1	0	0	0	1	0	DSI 1	22.87	24.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 1	22.63	24.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 1	23.00	24.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 1	22.94	24.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 1	22.98	24.20
39750	39948	QPSK	1	0	0	0	1	0	DSI 3	22.87	24.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 3	22.63	24.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 3	23.00	24.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 3	22.94	24.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 3	22.98	24.20
39750	39948	QPSK	1	0	0	0	1	0	DSI 4	20.95	22.20
40185	40383	QPSK	1	0	0	0	1	0	DSI 4	20.62	22.20
40620	40818	QPSK	1	0	0	0	1	0	DSI 4	21.04	22.20
41055	41253	QPSK	1	0	0	0	1	0	DSI 4	20.78	22.20
41490	41292	QPSK	1	0	0	0	1	0	DSI 4	21.03	22.20



CA_42C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
42190	42388	QPSK	1	0	0	0	1	0	full	23.12	25.00
42590	42788	QPSK	1	0	0	0	1	0	full	23.55	
42990	42792	QPSK	1	0	0	0	1	0	full	23.34	
42190	42388	QPSK	50	0	0	0	1	0	DSI 0	19.26	21.00
42590	42788	QPSK	50	0	0	0	1	0	DSI 0	19.84	
42990	42792	QPSK	50	0	0	0	1	0	DSI 0	19.62	
42190	42388	QPSK	50	0	0	0	1	0	DSI 1	21.25	22.50
42590	42788	QPSK	50	0	0	0	1	0	DSI 1	21.37	
42990	42792	QPSK	50	0	0	0	1	0	DSI 1	21.07	
42190	42388	QPSK	1	0	0	0	1	0	DSI 3	23.12	25.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 3	23.55	
42990	42792	QPSK	1	0	0	0	1	0	DSI 3	23.34	
42190	42388	QPSK	50	0	0	0	1	0	DSI 4	20.29	22.00
42590	42788	QPSK	50	0	0	0	1	0	DSI 4	20.37	
42990	42792	QPSK	50	0	0	0	1	0	DSI 4	20.31	

CA_42C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
42190	42388	QPSK	1	0	0	0	1	0	full	24.31	25.50
42590	42788	QPSK	1	0	0	0	1	0	full	24.27	
42990	42792	QPSK	1	0	0	0	1	0	full	24.25	
42190	42388	QPSK	1	0	0	0	1	0	DSI 0	19.25	20.50
42590	42788	QPSK	1	0	0	0	1	0	DSI 0	19.21	
42990	42792	QPSK	1	0	0	0	1	0	DSI 0	19.20	
42190	42388	QPSK	1	0	0	0	1	0	DSI 1	21.93	23.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 1	21.85	
42990	42792	QPSK	1	0	0	0	1	0	DSI 1	21.83	
42190	42388	QPSK	1	0	0	0	1	0	DSI 3	21.93	23.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 3	21.85	
42990	42792	QPSK	1	0	0	0	1	0	DSI 3	21.83	
42190	42388	QPSK	1	0	0	0	1	0	DSI 4	19.94	21.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 4	19.88	
42990	42792	QPSK	1	0	0	0	1	0	DSI 4	19.84	

CA_42C_Ant 6											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
42190	42388	QPSK	1	0	0	0	1	0	full	23.73	25.50
42590	42788	QPSK	1	0	0	0	1	0	full	23.96	
42590	42792	QPSK	1	0	0	0	1	0	full	24.03	17.50
42190	42388	QPSK	50	0	0	0	1	0	DSI 0	15.64	
42590	42788	QPSK	50	0	0	0	1	0	DSI 0	15.85	
42990	42792	QPSK	50	0	0	0	1	0	DSI 0	15.92	21.50
42190	42388	QPSK	1	0	0	0	1	0	DSI 1	19.68	
42590	42788	QPSK	1	0	0	0	1	0	DSI 1	19.94	21.50
42990	42792	QPSK	1	0	0	0	1	0	DSI 1	20.01	
42190	42388	QPSK	50	0	0	0	1	0	DSI 3	19.68	21.50
42590	42788	QPSK	50	0	0	0	1	0	DSI 3	19.94	
42990	42792	QPSK	50	0	0	0	1	0	DSI 3	20.01	17.50
42190	42388	QPSK	1	0	0	0	1	0	DSI 4	15.64	
42590	42788	QPSK	1	0	0	0	1	0	DSI 4	15.85	17.50
42990	42792	QPSK	1	0	0	0	1	0	DSI 4	15.92	

CA_42C_Ant 7											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
42190	42388	QPSK	1	0	0	0	1	0	full	23.25	25.50
42590	42788	QPSK	1	0	0	0	1	0	full	23.56	
42590	42792	QPSK	1	0	0	0	1	0	full	23.59	25.50
42190	42388	QPSK	1	0	0	0	1	0	DSI 0	23.25	
42590	42788	QPSK	1	0	0	0	1	0	DSI 0	23.56	
42990	42792	QPSK	1	0	0	0	1	0	DSI 0	23.59	18.00
42190	42388	QPSK	1	0	0	0	1	0	DSI 1	16.23	
42590	42788	QPSK	1	0	0	0	1	0	DSI 1	16.53	21.00
42990	42792	QPSK	1	0	0	0	1	0	DSI 1	16.58	
42190	42388	QPSK	1	0	0	0	1	0	DSI 3	19.30	21.00
42590	42788	QPSK	1	0	0	0	1	0	DSI 3	19.58	
42990	42792	QPSK	1	0	0	0	1	0	DSI 3	19.60	17.50
42190	42388	QPSK	50	0	0	0	1	0	DSI 4	15.34	
42590	42788	QPSK	50	0	0	0	1	0	DSI 4	15.84	17.50
42990	42792	QPSK	50	0	0	0	1	0	DSI 4	15.87	



DL CA Power

Full Power															
2CC															
Configure	CA Configuration (BCS)	PCC							SCC				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band	CA_41A-42A	Band 41	20M	2593	40620	QPSK	1	0	Band 42	20M	3500.00	42590	23.52	23.68	
	CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	23.15	23.68	
Intra-Band	Contiguous	CA_42C	Band 42	20M	3560	43190	QPSK	1	0	Band 42	20M	3579.00	43388	23.35	23.56

3CC																			
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx-Power (dBm)	W/O CA Tx-Power (dBm)	
Inter-Band	CA_41A-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 42	20M	3560	43190	Band 42	20M	3579	43388	23.54	23.68	
	CA_41C-42A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3500	42590	23.63	23.68	
Intra-Band	Contiguous	CA_41D	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.33	23.68

4CC																						
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_41C-42C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 42	20M	3500	42590	Band 42	20M	3519.8	42788	24.95	25.13

Default Power for 5G NR

n41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.61	23.62	23.64		
100	QPSK	1	137	23.48	23.54	23.50	25.0	0.0
100	QPSK	1	271	23.37	23.45	23.35		
100	QPSK	135	0	22.74	22.85	22.73		
100	QPSK	135	69	23.45	23.58	23.53	25.0	0.0
100	QPSK	135	138	22.63	22.73	22.68		
100	QPSK	270	0	22.85	22.75	22.65	24.0	1.0
100	16QAM	1	1	22.08	22.11	22.12	24.0	1.0
100	64QAM	1	1	20.80	20.86	20.82	22.0	2.5
100	256QAM	1	1	19.24	19.30	19.28	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.61	23.58	23.54	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.56	23.60	23.61	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.57	23.59	23.56	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.63	23.59	23.54	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.61	23.56	23.60	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.57	23.60	23.61	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.54	23.57	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	24.53	24.51	24.54		
100	QPSK	1	137	24.40	24.38	24.38	25.7	0.0
100	QPSK	1	271	24.63	24.36	24.38		
100	QPSK	135	0	23.85	23.77	23.37		
100	QPSK	135	69	24.50	24.58	24.50	25.7	0.0
100	QPSK	135	138	23.47	23.53	23.75		
100	QPSK	270	0	23.64	23.86	23.83	24.7	1.0
100	16QAM	1	1	23.26	23.30	22.90	24.7	1.0
100	64QAM	1	1	21.75	21.78	21.48	23.2	2.5
100	256QAM	1	1	19.23	19.25	19.23	21.2	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	24.47	24.57	24.49	25.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	24.50	24.58	24.42	25.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	24.52	24.53	24.46	25.7	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	24.52	24.56	24.49	25.7	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	24.57	24.56	24.46	25.7	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	24.54	24.50	24.51	25.7	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	24.47	24.52	24.53	25.7	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	24.50	24.57	24.50	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.61	23.61	23.63		
100	QPSK	1	137	23.48	23.53	23.41	25.0	0.0
100	QPSK	1	271	23.39	23.38	23.30		
100	QPSK	135	0	22.74	22.75	22.82		
100	QPSK	135	69	23.52	23.58	23.43	25.0	0.0
100	QPSK	135	138	22.64	22.64	22.55		
100	QPSK	270	0	22.87	22.73	22.55	24.0	1.0
100	16QAM	1	1	22.03	22.18	22.08	24.0	1.0
100	64QAM	1	1	20.58	20.57	20.59	22.0	2.5
100	256QAM	1	1	19.25	19.34	19.22	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.54	23.61	23.60	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.60	23.64	23.58	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.59	23.64	23.55	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.60	23.61	23.60	25.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.60	23.61	23.60	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.60	23.55	23.57	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.54	23.56	23.59	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.55	23.63	23.63	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506002	Power Middle Ch. / Freq. 518998	Power High Ch. / Freq. 526000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	24.11	24.16	24.10			
100	QPSK	1	137	24.72	24.78	24.77	25.7	0.0	
100	QPSK	1	271	24.81	24.84	24.81			
100	QPSK	135	6	23.99	23.99	23.97			
100	QPSK	135	69	24.73	24.76	24.76	25.7	0.0	
100	QPSK	135	138	23.85	23.85	23.82			
100	QPSK	270	6	23.92	23.98	23.96	24.7	1.0	
100	16QAM	1	1	23.47	23.54	23.54	24.7	1.0	
100	64QAM	1	1	21.98	22.04	22.04	23.2	2.5	
100	256QAM	1	1	20.70	20.75	20.77	21.2	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.81	24.82	24.79	25.7	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.75	24.84	24.80	25.7	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.77	24.80	24.76	25.7	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.10	24.15	24.16	25.7	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.80	24.80	24.69	25.7	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.83	24.78	24.75	25.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.84	24.84	24.78	25.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 666000	Power Middle Ch. Freq. 666000	Power High Ch. Freq. 666000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	22.43	23.45	23.35			
100	QPSK	1	137	23.28	23.65	23.55	25.0	0.0	
100	QPSK	1	271	23.27	23.05	23.34			
100	QPSK	135	9	21.88	22.55	22.15			
100	QPSK	135	69	23.15	23.54	23.37	25.0	0.0	
100	QPSK	135	138	22.28	22.35	22.35			
100	QPSK	270	6	22.05	22.54	22.28	24.0	1.0	
100	16QAM	1	1	21.15	22.16	21.93	24.0	1.0	
100	64QAM	1	1	19.62	20.56	20.37	22.5	2.5	
100	256QAM	1	1	18.15	19.16	18.92	20.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.23	23.62	23.54	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.26	23.63	23.53	25.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.25	23.57	23.52	25.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.26	23.57	23.50	25.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.26	23.62	23.46	25.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.26	23.58	23.53	25.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.25	23.60	23.53	25.0	0.0	

25 25.5 25.5

Par27Q n77_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	22.33	633332	633332			
100	QPSK	1	137		22.81		24.0	0.0	
100	QPSK	1	271		22.43				
100	QPSK	135	6		21.52				
100	QPSK	135	69		22.58		24.0	0.0	
100	QPSK	135	138		21.41				
100	QPSK	270	6		21.51		23.0	1.0	
100	16QAM	1	1		21.12		23.0	1.0	
100	64QAM	1	1		19.97		21.5	2.5	
100	256QAM	1	1		18.36		19.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.52	633332	633666	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.58	633332	634000	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.58	633332	634666	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.57	633332	635198	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.57	633332	635825	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.50	633332	636468	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.54	633332	636968	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.60	633332	637498	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.56	633332	638000	24.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.45	23.68	23.57		
100	QPSK	1	137	23.52	23.89	23.59	25.5	0.0
100	QPSK	1	271	23.30	23.99	23.53		
100	QPSK	135	6	22.29	22.53	22.42		
100	QPSK	135	69	23.51	23.64	23.57	25.5	0.0
100	QPSK	135	138	22.36	22.65	22.60		
100	QPSK	270	6	22.29	22.80	22.48	24.5	1.0
100	16QAM	1	1	21.39	22.17	22.13	24.5	1.0
100	64QAM	1	1	20.27	20.99	20.54	23.0	2.5
100	256QAM	1	1	18.82	19.10	19.02	21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.39	23.62	23.53	25.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.45	23.61	23.53	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.43	23.64	23.55	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.46	23.17	23.10	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.40	23.05	23.50	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.39	23.62	23.54	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.39	23.64	23.50	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		24.21			
100	QPSK	1	137		24.25		25.5	0.0
100	QPSK	1	271		24.03			
100	QPSK	135	6		23.20			
100	QPSK	135	69		24.20		25.5	0.0
100	QPSK	135	138		23.08			
100	QPSK	270	6		23.12		24.5	1.0
100	16QAM	1	1		22.66		24.5	1.0
100	64QAM	1	1		21.20		23.0	2.5
100	256QAM	1	1		19.70		21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	24.14	24.13	24.14	25.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	24.12	24.10	24.20	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	24.10	24.13	24.15	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	24.12	24.12	24.11	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	24.11	24.08	24.14	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	24.10	24.14	24.13	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	24.18	24.08	24.17	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	22.31	22.13	22.31		
100	QPSK	1	137	23.01	23.21	23.18	25.0	0.0
100	QPSK	1	271	22.72	22.94	23.04		
100	QPSK	135	6	21.53	21.85	22.02		
100	QPSK	135	69	23.00	23.18	23.17	25.0	0.0
100	QPSK	135	138	21.81	22.04	22.16		
100	QPSK	270	6	21.64	22.05	22.01	24.0	1.0
100	16QAM	1	1	21.07	21.41	21.62	24.0	1.0
100	64QAM	1	1	19.56	19.86	20.10	22.5	2.5
100	256QAM	1	1	18.04	18.37	18.58	20.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.87	23.15	23.14	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.79	23.15	23.18	25.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.79	23.12	23.17	25.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.80	23.14	23.14	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.85	23.16	23.12	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.79	23.14	23.09	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.87	23.20	23.10	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	22.88	22.88	22.88	24.5	0.0
100	QPSK	1	137	23.12	23.12	23.12		
100	QPSK	1	271	22.90	22.90	22.90		
100	QPSK	135	69	22.08	22.08	22.08	24.5	0.0
100	QPSK	135	69	23.08	23.08	23.08		
100	QPSK	135	138	21.97	21.97	21.97		
100	QPSK	270	0	22.05	22.05	22.05	23.5	1.0
100	16QAM	1	1	21.86	21.86	21.86	23.5	1.0
100	64QAM	1	1	20.11	20.11	20.11	22.0	2.5
100	256QAM	1	1	18.69	18.69	18.69	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.08	23.06	23.06	24.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.09	23.09	23.11	24.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.10	23.06	23.10	24.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.08	23.05	23.09	24.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.05	23.06	23.09	24.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.11	23.10	23.10	24.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.08	23.05	23.03	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.20	23.81	23.20	25.5	0.0
100	QPSK	1	137	23.75	23.83	23.54		
100	QPSK	1	271	23.87	23.21	23.04		
100	QPSK	135	69	22.85	22.81	22.55	25.5	0.0
100	QPSK	135	69	23.66	23.74	23.50		
100	QPSK	135	138	22.81	22.54	21.98		
100	QPSK	270	0	22.86	22.88	22.01	24.5	1.0
100	16QAM	1	1	21.84	22.41	21.81	24.5	1.0
100	64QAM	1	1	20.28	20.81	20.23	23.0	2.5
100	256QAM	1	1	18.80	19.35	18.74	21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.71	23.82	23.33	25.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.70	23.74	23.30	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.66	23.77	23.27	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.66	23.77	23.27	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.73	23.76	23.34	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.69	23.77	23.30	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.72	23.79	23.30	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.12	23.12	23.12	24.5	0.0
100	QPSK	1	137	23.13	23.13	23.13		
100	QPSK	1	271	23.06	23.06	23.06		
100	QPSK	135	69	22.08	22.08	22.08	24.5	0.0
100	QPSK	135	69	23.10	23.10	23.10		
100	QPSK	135	138	21.98	21.98	21.98		
100	QPSK	270	0	22.08	22.08	22.08	23.5	1.0
100	16QAM	1	1	21.83	21.83	21.83	23.5	1.0
100	64QAM	1	1	19.98	19.98	19.98	22.0	2.5
100	256QAM	1	1	18.60	18.60	18.60	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.11	23.05	23.06	24.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.08	23.02	23.02	24.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.09	23.01	23.01	24.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.10	23.00	22.99	24.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.03	22.95	22.97	24.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.07	23.03	23.01	24.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.03	23.02	23.02	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	22.52	22.52			
100	QPSK	1	137	23.21			24.5	0.0
100	QPSK	1	271	23.19				
100	QPSK	135	6	21.88				
100	QPSK	135	69	23.16			24.5	0.0
100	QPSK	135	138	22.26				
100	QPSK	270	6	22.68			23.5	1.0
100	16QAM	1	1	21.27			23.5	1.0
100	64QAM	1	1	19.72			22.0	2.5
100	256QAM	1	1	18.26			20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.12	23.16	23.16	24.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.12	23.20	23.13	24.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.16	23.15	23.20	24.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.14	23.14	23.16	24.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.14	23.15	23.14	24.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.13	23.13	23.12	24.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.16	23.16	23.14	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	22.53	22.53			
100	QPSK	1	137	22.62			24.0	0.0
100	QPSK	1	271	22.52				
100	QPSK	135	6	21.65				
100	QPSK	135	69	22.62			24.0	0.0
100	QPSK	135	138	21.52				
100	QPSK	270	6	21.62			23.0	1.0
100	16QAM	1	1	21.22			23.0	1.0
100	64QAM	1	1	19.71			21.5	2.5
100	256QAM	1	1	18.27			19.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.54	22.61	22.55	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.57	22.58	22.58	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.61	22.54	22.59	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.54	22.50	22.52	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.50	22.56	22.57	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.60	22.52	22.53	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.57	22.53	22.57	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.34	23.34			
100	QPSK	1	137	23.59			25.5	0.0
100	QPSK	1	271	23.48				
100	QPSK	135	6	22.87				
100	QPSK	135	69	23.63			25.5	0.0
100	QPSK	135	138	22.53				
100	QPSK	270	6	22.61			24.5	1.0
100	16QAM	1	1	21.26			24.5	1.0
100	64QAM	1	1	20.79			23.0	2.5
100	256QAM	1	1	19.20			21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.66	23.60	23.63	25.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.66	23.62	23.62	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.61	23.56	23.53	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.63	23.59	23.53	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.57	23.60	23.58	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.67	23.55	23.56	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.64	23.57	23.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	3459.98	3459.98	3459.98		
100	QPSK	1	137	23.12	23.12	23.12	25.5	0.0
100	QPSK	1	271	23.91	23.91	23.91		
100	QPSK	135	69	23.05	23.05	23.05	25.5	0.0
100	QPSK	135	69	24.01	24.01	24.01		
100	QPSK	135	138	22.52	22.52	22.52		
100	QPSK	270	0	23.84	23.84	23.84	24.5	1.0
100	16QAM	1	1	22.83	22.83	22.83	24.5	1.0
100	16QAM	1	1	21.07	21.07	21.07	23.0	2.5
100	256QAM	1	1	19.60	19.60	19.60	21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	3459.98	3459.98	3459.98	25.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	24.08	24.08	24.01	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	24.04	24.04	24.04	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	24.07	24.07	24.07	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	24.08	24.08	24.08	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	24.00	24.00	24.06	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	24.06	24.01	24.05	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.92	23.92	23.92		
100	QPSK	1	137	23.17	23.17	23.17	24.5	0.0
100	QPSK	1	271	23.12	23.12	23.12		
100	QPSK	135	69	21.85	21.85	21.85		
100	QPSK	135	69	23.03	23.03	23.03	24.5	0.0
100	QPSK	135	138	22.10	22.10	22.10		
100	QPSK	270	0	22.33	22.33	22.33	23.5	1.0
100	16QAM	1	1	21.44	21.44	21.44	23.5	1.0
100	16QAM	1	1	19.88	19.88	19.88	22.0	2.5
100	256QAM	1	1	18.41	18.41	18.41	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.11	23.16	23.15	24.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.10	23.15	23.15	24.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.07	23.10	23.13	24.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.05	23.05	23.13	24.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.07	23.14	23.09	24.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.09	23.13	23.15	24.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.01	23.08	23.09	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	22.84	22.84	22.84		
100	QPSK	1	137	23.91	23.91	23.91	24.5	0.0
100	QPSK	1	271	22.84	22.84	22.84		
100	QPSK	135	69	22.91	22.91	22.91		
100	QPSK	135	69	23.90	23.90	23.90	24.5	0.0
100	QPSK	135	138	21.90	21.90	21.90		
100	QPSK	270	0	22.07	22.07	22.07	23.5	1.0
100	16QAM	1	1	21.81	21.81	21.81	23.5	1.0
100	16QAM	1	1	20.96	20.96	20.96	22.0	2.5
100	256QAM	1	1	18.61	18.61	18.61	20.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.97	22.94	22.93	24.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.88	22.81	22.88	24.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.91	22.85	22.85	24.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.89	22.89	22.88	24.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.89	22.88	22.88	24.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.84	22.89	22.85	24.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.94	22.89	22.86	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
100	QPSK	1	1	23.16			25.5	0.0
100	QPSK	1	137	23.78				
100	QPSK	1	271	23.77				
100	QPSK	135	4	23.82			25.5	0.0
100	QPSK	135	69	23.84				
100	QPSK	135	136	23.72				
100	QPSK	270	0	22.56			24.5	1.0
100	16QAM	1	1	21.87			24.5	1.0
100	64QAM	1	1	20.36			23.0	2.5
100	256QAM	1	1	18.91			21.0	4.5
Channel								
Frequency [MHz]								
90	QPSK	1	1	23.74	23.71	23.71	25.5	0.0
Channel								
Frequency [MHz]								
80	QPSK	1	1	23.70	23.70	23.70	25.5	0.0
Channel								
Frequency [MHz]								
60	QPSK	1	1	23.63	23.62	23.62	25.5	0.0
Channel								
Frequency [MHz]								
50	QPSK	1	1	23.06	23.07	23.01	25.5	0.0
Channel								
Frequency [MHz]								
40	QPSK	1	1	23.01	23.07	23.06	25.5	0.0
Channel								
Frequency [MHz]								
30	QPSK	1	1	23.08	23.08	23.04	25.5	0.0
Channel								
Frequency [MHz]								
20	QPSK	1	1	23.08	23.05	23.02	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
100	QPSK	1	1	22.54			24.5	0.0
100	QPSK	1	137	23.09				
100	QPSK	1	271	23.08				
100	QPSK	135	4	22.54			24.5	0.0
100	QPSK	135	69	23.08				
100	QPSK	135	136	22.02				
100	QPSK	270	0	22.09			23.5	1.0
100	16QAM	1	1	21.08			23.5	1.0
100	64QAM	1	1	20.06			22.0	2.5
100	256QAM	1	1	18.62			20.0	4.5
Channel								
Frequency [MHz]								
90	QPSK	1	1	23.04	23.06	23.03	24.5	0.0
Channel								
Frequency [MHz]								
80	QPSK	1	1	22.05	22.09	22.07	24.5	0.0
Channel								
Frequency [MHz]								
60	QPSK	1	1	23.02	23.03	23.01	24.5	0.0
Channel								
Frequency [MHz]								
50	QPSK	1	1	23.01	22.98	23.00	24.5	0.0
Channel								
Frequency [MHz]								
40	QPSK	1	1	23.03	23.05	22.96	24.5	0.0
Channel								
Frequency [MHz]								
30	QPSK	1	1	23.02	23.04	23.01	24.5	0.0
Channel								
Frequency [MHz]								
20	QPSK	1	1	22.99	22.97	22.95	24.5	0.0

DSI 0 Power

n41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	15.93	17.23	16.88			
100	QPSK	1	137	16.85	16.98	16.85	18.5		0.0
100	QPSK	1	271	16.84	16.99	16.82			
100	QPSK	135	0	16.83	16.97	16.75			
100	QPSK	135	69	16.87	16.96	16.81	18.5		0.0
100	QPSK	135	138	16.78	16.85	16.73			
100	QPSK	270	0	16.77	16.89	16.74	18.5		0.0
100	16QAM	1	1	16.82	16.95	16.79	18.5		0.0
100	16QAM	1	1	16.76	16.89	16.81	18.5		0.0
100	256QAM	1	1	16.76	16.86	16.77	18.5		0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.89	16.96	16.84	18.5		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	501204	501598	501898	Tune-up limit		MPR
80	QPSK	1	1	25167	25178	25188	18.5		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	501200	501598	501898	Tune-up limit		MPR
80	QPSK	1	1	25167	25178	25188	18.5		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.85	16.98	16.83	18.5		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	2521.0	2562.9	2654.9	Tune-up limit		MPR
50	QPSK	1	1	16.87	16.92	16.81	18.5		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	2516.1	2552.9	2670	Tune-up limit		MPR
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.88	17.01	16.87	18.5		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.89	16.98	16.80	18.5		0.0
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	501204	501598	501898	Tune-up limit		MPR
20	P1/2 BPSK	1	1	16.83	17.00	16.80	18.5		0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	24.53	24.51	24.54			
100	QPSK	1	137	24.40	24.38	24.38	25.7		0.0
100	QPSK	1	271	24.53	24.39	24.38			
100	QPSK	135	0	23.95	23.77	23.37			
100	QPSK	135	69	24.50	24.58	24.50	25.7		0.0
100	QPSK	135	138	23.47	23.53	23.75			
100	QPSK	270	0	23.64	23.66	23.53	24.7		1.0
100	16QAM	1	1	23.26	23.30	22.90	24.7		1.0
100	16QAM	1	1	21.75	21.78	21.48	23.2		2.5
100	256QAM	1	1	20.43	20.51	20.14	21.2		4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.47	24.57	24.49	25.7		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.50	24.58	24.42	25.7		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.53	23.52	23.53	23.7		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.57	24.56	24.46	25.7		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.54	24.50	24.51	25.7		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.47	24.52	24.53	25.7		0.0
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	24.50	24.57	24.50	25.7		0.0

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	19.45	19.51	19.55			
100	QPSK	1	137	19.38	19.57	19.57	21.0		0.0
100	QPSK	1	271	19.38	19.50	19.48			
100	QPSK	135	0	19.35	19.57	19.45			
100	QPSK	135	69	19.36	19.54	19.48	21.0		0.0
100	QPSK	135	138	19.30	19.45	19.47			
100	QPSK	270	0	19.24	19.50	19.42	21.0		0.0
100	16QAM	1	1	19.14	19.48	19.31	21.0		0.0
100	16QAM	1	1	19.23	19.38	19.30	21.0		0.0
100	256QAM	1	1	19.47	19.53	19.52	20.5		0.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.13	19.31	19.30	21.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	50704	50698	50698	Tune-up limit (dBm)		MPR
80	QPSK	1	1	29.16	29.17	29.19	21.0		0.0
80	QPSK	1	1	50699	50699	50699	Tune-up limit (dBm)		MPR
80	QPSK	1	1	50699	50698	50698	21.0		0.0
80	QPSK	1	1	50699	50698	50698	Tune-up limit (dBm)		MPR
80	QPSK	1	1	19.22	19.34	19.33	21.0		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	29521	29509	29509	Tune-up limit (dBm)		MPR
50	QPSK	1	1	19.15	19.39	19.29	21.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.16	26.09	26.07	21.0		0.0
40	QPSK	1	1	19.23	19.32	19.26	21.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	50699	50698	50698	Tune-up limit (dBm)		MPR
30	QPSK	1	1	19.13	19.40	19.33	21.0		0.0
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	19.14	19.36	19.26	21.0		0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	18.85	18.87	18.86	19.7	0.0
100	QPSK	1	137	18.77	18.75	18.83		
100	QPSK	1	271	18.81	18.81	18.84		
100	QPSK	135	0	18.75	18.73	18.82	19.7	0.0
100	QPSK	135	69	18.75	18.75	18.81		
100	QPSK	135	138	18.84	18.72	18.84		
100	QPSK	270	0	18.71	18.73	18.80	19.7	0.0
100	16QAM	1	1	18.87	18.82	18.38	19.7	0.0
100	8QAM	1	1	18.76	18.71	18.47	19.7	0.0
100	256QAM	1	1	18.80	18.56	18.33	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.73	18.77	18.87	0.0	
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.77	18.76	18.56	19.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.79	18.80	18.62	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.82	18.82	18.54	19.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.76	18.76	18.61	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.81	18.82	18.59	19.7	0.0
Channel								
Frequency (MHz)								
20	PSK BPSK	1	1	18.84	18.83	18.54	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.82	15.34	15.26	18.0	0.0
100	QPSK	1	137	15.85	15.42	15.34		
100	QPSK	1	271	15.85	15.29	15.27		
100	QPSK	135	0	15.92	15.39	15.31	18.0	0.0
100	QPSK	135	69	15.95	15.40	15.32		
100	QPSK	135	138	15.82	15.19	15.17		
100	QPSK	270	0	15.87	15.31	15.27	18.0	0.0
100	16QAM	1	1	15.55	15.53	15.06	18.0	0.0
100	8QAM	1	1	15.50	15.58	15.11	18.0	0.0
100	256QAM	1	1	15.79	15.25	15.21	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.61	15.96	15.08	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.85	15.90	15.92	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.60	15.95	15.09	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.59	15.98	15.06	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.82	15.92	15.05	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.54	15.93	15.10	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.51	15.95	15.05	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		15.30		17.0	0.0
100	QPSK	1	137		15.20			
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.52		17.0	0.0
100	QPSK	135	69		15.55			
100	QPSK	135	138		15.53			
100	QPSK	270	0		15.53		17.0	0.0
100	16QAM	1	1		15.50		17.0	0.0
100	8QAM	1	1		15.40		17.0	0.0
100	256QAM	1	1		15.40		17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.44	15.49	15.48	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.39	15.40	15.47	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.36	15.47	15.39	17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.38	15.41	15.45	17.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.41	15.47	15.42	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.39	15.40	15.43	17.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.43	15.43	15.45	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.38	16.40	16.35	18.5	0.0
100	QPSK	1	137	16.65	16.67	16.66	18.5	0.0
100	QPSK	1	271	16.96	16.98	16.91	18.5	0.0
100	QPSK	135	6	16.53	16.59	16.56	18.5	0.0
100	QPSK	135	69	16.62	16.66	16.65	18.5	0.0
100	QPSK	135	138	16.51	16.55	16.56	18.5	0.0
100	QPSK	270	6	16.58	16.60	16.59	18.5	0.0
100	16QAM	1	1	16.44	16.48	16.58	18.5	0.0
100	64QAM	1	1	16.44	16.48	16.51	18.5	0.0
100	256QAM	1	1	16.51	16.58	16.52	18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.59	16.62	16.55	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.61	16.67	16.64	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.60	16.64	16.60	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.62	16.60	16.17	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.59	16.56	16.55	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.59	16.61	16.65	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.54	16.60	16.54	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 655332	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.05	17.05	17.05	18.5	0.0
100	QPSK	1	137	17.23	17.23	17.23	18.5	0.0
100	QPSK	1	271	17.16	17.16	17.16	18.5	0.0
100	QPSK	135	6	17.16	17.16	17.16	18.5	0.0
100	QPSK	135	69	17.22	17.22	17.22	18.5	0.0
100	QPSK	135	138	17.21	17.21	17.21	18.5	0.0
100	QPSK	270	6	17.21	17.21	17.21	18.5	0.0
100	16QAM	1	1	17.12	17.12	17.12	18.5	0.0
100	64QAM	1	1	17.15	17.15	17.15	18.5	0.0
100	256QAM	1	1	17.05	17.05	17.05	18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.13	17.13	17.17	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.21	17.14	17.17	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.16	17.22	17.15	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.13	17.15	17.12	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.20	17.13	17.21	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.21	17.13	17.21	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.21	17.17	17.12	18.5	0.0

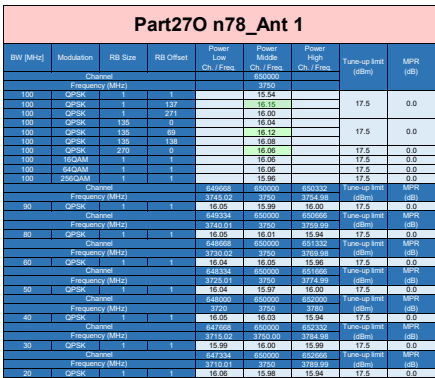
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.97	15.94	15.98	18.0	0.0
100	QPSK	1	137	16.07	16.11	16.05	18.0	0.0
100	QPSK	1	271	16.04	16.05	16.04	18.0	0.0
100	QPSK	135	6	16.01	16.01	16.08	18.0	0.0
100	QPSK	135	69	16.03	16.06	16.01	18.0	0.0
100	QPSK	135	138	16.00	16.00	16.06	18.0	0.0
100	QPSK	270	6	16.03	16.04	16.07	18.0	0.0
100	16QAM	1	1	16.04	16.07	16.00	18.0	0.0
100	64QAM	1	1	16.00	16.09	16.04	18.0	0.0
100	256QAM	1	1	16.03	16.13	16.10	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.97	16.00	16.03	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.05	16.01	16.02	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.05	16.00	16.03	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.05	16.08	16.04	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.06	16.06	16.06	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.06	16.10	16.08	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.01	16.05	16.07	18.0	0.0

Par27Q n77_Ant 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	QPSK	1	1	15.90	15.90		
100	QPSK	1	137	16.04			17.5
100	QPSK	1	271	16.08			
100	QPSK	135	0	16.01			
100	QPSK	135	69	16.02			17.5
100	QPSK	135	138	15.98			
100	QPSK	270	0	16.03			17.5
100	16QAM	1	1	15.98			17.5
100	64QAM	1	1	15.98			17.5
100	256QAM	1	1	15.96			17.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	15.93	15.97	16.00	17.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	15.92	16.02	16.00	17.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	15.90	16.01	16.03	17.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	15.96	16.01	16.03	17.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	15.93	16.03	16.02	17.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	15.93	16.03	16.02	17.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	15.96	15.93	16.01	17.5

Par270 n77_Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	QPSK	1	1	23.25	23.81	23.20	
100	QPSK	1	137	23.75	23.83	23.54	25.5
100	QPSK	1	271	23.87	23.21	23.04	
100	QPSK	135	0	22.85	22.81	22.55	
100	QPSK	135	69	23.66	23.74	23.50	25.5
100	QPSK	135	138	22.81	22.54	21.50	
100	QPSK	270	0	22.86	22.88	22.01	24.5
100	16QAM	1	1	21.84	22.41	21.81	24.5
100	64QAM	1	1	20.81	20.81	20.23	2.5
100	256QAM	1	1	18.80	19.30	19.74	4.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	23.71	23.82	23.33	25.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	23.70	23.74	23.30	25.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	23.66	23.77	23.27	25.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	23.65	23.70	23.33	25.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	23.73	23.76	23.34	25.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.69	23.77	23.30	25.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.72	23.79	23.30	25.5

Par27Q n77_Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	QPSK	1	1	23.12			
100	QPSK	1	137	23.13			24.5
100	QPSK	1	271	23.06			
100	QPSK	135	0	22.08			
100	QPSK	135	69	23.10			24.5
100	QPSK	135	138	21.58			
100	QPSK	270	0	22.08			23.5
100	16QAM	1	1	21.53			23.5
100	64QAM	1	1	19.98			22.0
100	256QAM	1	1	18.60			20.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	23.11	23.05	23.06	24.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	23.08	23.02	23.02	24.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	23.09	23.01	23.07	24.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	23.10	23.00	22.99	24.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	23.03	22.96	22.97	24.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.07	23.03	23.01	24.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.03	23.02	23.02	24.5

[illegible]

Part270 n78_Ant 5								
BW [MHz]	Modulation	RB Size	RB Power	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.0
40	QPSK	1	1	15.87				
100	QPSK	1	1	18.00				
40	QPSK	1	1	12.00			18.0	0.

Par27Q n78_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.15	16.35	16.45	18.0	0.0
100	QPSK	1	137	16.35	16.45	16.55		
100	QPSK	1	271	16.34	16.45	16.55		
100	QPSK	135	6	16.30	16.45	16.53		
100	QPSK	135	69	16.33	16.45	16.54	18.0	0.0
100	QPSK	135	138	16.29	16.45	16.45		
100	QPSK	270	6	16.24	16.45	16.52	18.0	0.0
100	16QAM	1	1	16.28	16.45	16.45	18.0	0.0
100	64QAM	1	1	16.35	16.45	16.50	18.0	0.0
100	256QAM	1	1	16.29	16.45	16.54	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.09	16.28	16.48	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.28	16.24	16.33	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.33	16.34	16.35	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.29	16.26	16.30	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.31	16.35	16.33	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.32	16.31	16.26	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.27	16.26	16.29	18.0	0.0

Part27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.05	16.57	16.45	18.0	0.0
100	QPSK	1	137	16.57	16.45	16.45		
100	QPSK	1	271	16.45	16.57	16.53		
100	QPSK	135	6	16.51	16.45	16.54	18.0	0.0
100	QPSK	135	69	16.53	16.45	16.52	18.0	0.0
100	QPSK	135	138	16.48	16.45	16.45	18.0	0.0
100	QPSK	270	6	16.50	16.45	16.45	18.0	0.0
100	16QAM	1	1	16.45	16.45	16.45	18.0	0.0
100	64QAM	1	1	16.45	16.45	16.50	18.0	0.0
100	256QAM	1	1	16.56	16.45	16.54	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.04	15.94	16.02	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.03	15.97	15.95	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.02	16.02	16.02	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.02	15.95	15.99	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.99	15.95	15.94	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.99	15.98	16.00	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.95	16.03	16.02	18.0	0.0

Par27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.42	16.42	16.42	18.0	0.0
100	QPSK	1	137	16.56	16.45	16.45		
100	QPSK	1	271	16.45	16.53	16.53		
100	QPSK	135	6	16.53	16.45	16.54	18.0	0.0
100	QPSK	135	69	16.54	16.45	16.52	18.0	0.0
100	QPSK	135	138	16.45	16.45	16.45	18.0	0.0
100	QPSK	270	6	16.52	16.45	16.45	18.0	0.0
100	16QAM	1	1	16.50	16.45	16.45	18.0	0.0
100	64QAM	1	1	16.50	16.45	16.54	18.0	0.0
100	256QAM	1	1	16.54	16.45	16.54	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.48	16.47	16.54	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.47	16.47	16.48	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.47	16.47	16.48	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.44	16.44	16.44	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.43	16.43	16.43	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.44	16.48	16.44	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.43	16.48	16.45	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
100	QPSK	1	1	23.16			25.5	0.0
100	QPSK	1	137	23.78				
100	QPSK	1	271	23.77				
100	QPSK	135	4	22.82			25.5	0.0
100	QPSK	135	69	23.84				
100	QPSK	135	136	22.72				
100	QPSK	270	0	22.56			25.5	0.0
100	16QAM	1	1	21.87			25.5	0.0
100	64QAM	1	1	20.36			24.0	1.5
100	256QAM	1	1	18.91			22.0	3.5
Channel								
Frequency [MHz]								
90	QPSK	1	1	23.74	23.71	23.71	25.5	0.0
Channel								
Frequency [MHz]								
80	QPSK	1	1	23.70	23.70	23.70	25.5	0.0
Channel								
Frequency [MHz]								
60	QPSK	1	1	23.63	23.62	23.62	25.5	0.0
Channel								
Frequency [MHz]								
50	QPSK	1	1	23.60	23.60	23.60	25.5	0.0
Channel								
Frequency [MHz]								
40	QPSK	1	1	23.61	23.67	23.67	25.5	0.0
Channel								
Frequency [MHz]								
30	QPSK	1	1	23.68	23.68	23.64	25.5	0.0
Channel								
Frequency [MHz]								
20	QPSK	1	1	23.68	23.65	23.62	25.5	0.0

Par27Q n78_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
100	QPSK	1	1	22.54			24.5	0.0
100	QPSK	1	137	23.09				
100	QPSK	1	271	23.08				
100	QPSK	135	4	22.54			24.5	0.0
100	QPSK	135	69	23.06				
100	QPSK	135	136	22.02				
100	QPSK	270	0	23.01			24.5	0.0
100	16QAM	1	1	21.58			24.5	0.0
100	64QAM	1	1	20.06			23.0	1.5
100	256QAM	1	1	18.62			21.0	3.5
Channel								
Frequency [MHz]								
90	QPSK	1	1	23.04	23.06	23.03	24.5	0.0
Channel								
Frequency [MHz]								
80	QPSK	1	1	22.95	22.99	22.97	24.5	0.0
Channel								
Frequency [MHz]								
60	QPSK	1	1	22.92	22.93	22.91	24.5	0.0
Channel								
Frequency [MHz]								
50	QPSK	1	1	23.01	22.98	23.00	24.5	0.0
Channel								
Frequency [MHz]								
40	QPSK	1	1	23.03	23.05	22.96	24.5	0.0
Channel								
Frequency [MHz]								
30	QPSK	1	1	23.02	23.04	23.01	24.5	0.0
Channel								
Frequency [MHz]								
20	QPSK	1	1	22.99	22.97	22.95	24.5	0.0

DSI 1 Power

n41_Ant 1													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
100	QPSK	1	1	20.30	20.43	20.41	22.0	0.0	0.0				
100	QPSK	1	137	20.26	20.40	20.34							
100	QPSK	1	271	20.30	20.40	20.29							
100	QPSK	135	9	20.15	20.37	20.54							
100	QPSK	135	69	20.31	20.38	20.31	22.0	0.0	0.0				
100	QPSK	135	138	20.20	20.35	20.21							
100	QPSK	270	0	20.30	20.34	20.30				22.0			
100	16QAM	1	1	20.08	20.16	20.15				22.0			
100	64QAM	1	1	20.25	20.30	20.15	22.0	20.5	1.5				
100	256QAM	1	1	19.13	19.32	19.24							
Channel													
Frequency (MHz)													
90	QPSK	1	1	20.26	20.31	20.29	22.0	0.0	0.0				
Channel													
Frequency (MHz)													
80	QPSK	1	1	20.24	20.34	20.29	22.0			0.0	0.0		
Channel													
Frequency (MHz)													
80	QPSK	1	1	20.20	20.31	20.27	22.0	0.0	0.0				
Channel													
Frequency (MHz)													
60	QPSK	1	1	20.19	20.26	20.26	21.2			0.0	0.0		
Channel													
Frequency (MHz)													
50	QPSK	1	1	20.17	20.25	19.81	21.2	0.0	0.0				
Channel													
Frequency (MHz)													
40	QPSK	1	1	20.20	20.22	19.83	21.2			0.0	0.0		
Channel													
Frequency (MHz)													
30	QPSK	1	1	20.16	20.21	19.81	21.2	0.0	0.0				
Channel													
Frequency (MHz)													
20	PSS BPSK	1	1	20.24	20.30	20.30	22.0						

n41_Ant 2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)			
Channel											
100	QPSK	1	1	20.12	20.17	19.87		21.2	0.0		
100	QPSK	1	137	20.19	20.22	19.81					
100	QPSK	1	271	20.18	20.22	19.80					
100	QPSK	135	9	20.05	20.09	19.75					
100	QPSK	135	69	20.13	20.15	19.79		21.2	0.0		
100	QPSK	135	138	20.01	20.10	19.75					
100	QPSK	270	0	20.12	20.13	19.75	21.2				
100	16QAM	1	1	19.85	19.82	19.77	21.2				
100	64QAM	1	1	19.46	19.75	19.71	21.2	0.0	0.0		
100	256QAM	1	1	19.13	19.21	19.19	21.2				
Channel											
Frequency (MHz)											
90	QPSK	1	1	20.17	20.20	19.83	21.2	0.0	0.0		
Channel											
Frequency (MHz)											
80	QPSK	1	1	20.20	20.26	19.78	21.2				
Channel											
Frequency (MHz)											
80	QPSK	1	1	20.20	20.26	19.78	21.2	0.0	0.0		
Channel											
Frequency (MHz)											
60	QPSK	1	1	20.19	20.21	19.80	21.2				
Channel											
Frequency (MHz)											
50	QPSK	1	1	20.17	20.25	19.81	21.2	0.0	0.0		
Channel											
Frequency (MHz)											
40	QPSK	1	1	20.20	20.22	19.83	21.2				
Channel											
Frequency (MHz)											
30	QPSK	1	1	20.16	20.21	19.81	21.2	0.0	0.0		
Channel											
Frequency (MHz)											
20	PSS BPSK	1	1	20.24	20.30	19.85	21.2				

n41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	QPSK	1	1	21.25	21.57	21.42	23.0	0.0		
100	QPSK	1	137	21.15	21.41	21.40				
100	QPSK	1	271	21.16	21.35	21.39				
100	QPSK	135	9	21.12	21.33	21.34				
100	QPSK	135	69	21.17	21.54	21.38	23.0	0.0		
100	QPSK	135	138	21.06	21.25	21.33				
100	QPSK	270	0	21.10	21.33	21.30				
100	16QAM	1	1	21.13	21.34	21.33				
100	64QAM	1	1	20.52	20.58	20.57	22.5	0.5		
100	256QAM	1	1	19.13	19.30	19.10	20.5			
Channel										
Frequency (MHz)										
90	QPSK	1	1	21.20	21.35	21.32	23.0	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	21.20	21.59	21.38	Tune-up limit		MPR	
Channel										
Frequency (MHz)										
80	QPSK	1	1	21.16	21.40	21.32	23.0	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	21.16	21.53	21.35	Tune-up limit		MPR	
Channel										
Frequency (MHz)										
50	QPSK	1	1	21.15	21.40	21.33	23.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	21.17	21.35	21.30	Tune-up limit		MPR	
Channel										
Frequency (MHz)										
30	QPSK	1	1	21.17	21.44	21.39	23.0	0.0		
Channel										
Frequency (MHz)										
20	PSS BPSK	1	1	21.14	21.41	21.38	Tune-up limit		MPR	

n41_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												
Frequency (MHz)												
100	QPSK	1	1	21.44	21.46	21.23	22.2	0.0	0.0			
100	QPSK	1	137	21.41	21.43	21.14						
100	QPSK	1	271	21.43	21.40	21.15						
100	QPSK	135	0	21.32	21.31	21.07	22.2	0.0	0.0			
100	QPSK	135	66	21.35	21.42	21.14						
100	QPSK	135	138	21.36	21.31	21.10						
100	QPSK	210	0	21.25	21.33	21.11	22.2	0.0	0.0			
100	16QAM	1	1	21.37	21.30	21.05						
100	8QAM	1	1	21.36	21.36	21.13						
100	256QAM	1	1	20.56	20.64	20.65	21.2	1.0	1.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.41	21.38	21.11	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.41	21.41	21.18	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.41	21.37	21.20	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
80	QPSK	1	1	21.38	21.42	21.19	22.2	0.0	0.0			
Channel												
Frequency (MHz)												
90	QPSK	1	1	21.33	21.43	21.12						

[illegible][illegible][illegible]

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.50	17.50			
100	QPSK	1	137	18.10	18.10		19.5	0.0
100	QPSK	1	271	18.05	18.05			
100	QPSK	135	6	18.01	18.01			
100	QPSK	135	69	18.05	18.05		19.5	0.0
100	QPSK	135	138	17.98	17.98			
100	QPSK	270	6	18.50	18.50		19.5	0.0
100	16QAM	1	1	18.05	18.05		19.5	0.0
100	64QAM	1	1	17.99	17.99		19.5	0.0
100	256QAM	1	1	17.93	17.93		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.02	17.99	18.07	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.02	18.04	18.06	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.06	18.04	18.04	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.06	18.04	18.04	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.06	18.04	18.04	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.07	17.99	18.03	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.07	17.99	18.03	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.05	18.06	17.98	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	14.83	14.80	14.87		
100	QPSK	1	137	15.30	15.30	15.33	17.0	0.0
100	QPSK	1	271	14.20	14.20	14.08		
100	QPSK	135	6	14.95	15.02	14.85		
100	QPSK	135	69	15.22	15.25	15.23	17.0	0.0
100	QPSK	135	138	14.98	15.02	14.87		
100	QPSK	270	6	15.01	15.02	15.01	17.0	0.0
100	16QAM	1	1	14.80	14.87	14.98	17.0	0.0
100	64QAM	1	1	14.85	14.88	14.80	17.0	0.0
100	256QAM	1	1	15.25	15.26	15.21	17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	14.74	14.89	14.62	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.77	14.85	14.57	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.81	14.88	14.63	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.81	14.88	14.63	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.71	14.80	14.50	17.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.77	14.79	14.55	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	14.78	14.87	14.64	17.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	14.81	14.89	14.60	17.0	0.0

Par27Q n77_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	14.34	14.34			
100	QPSK	1	137	14.81	14.81		16.0	0.0
100	QPSK	1	271	14.49	14.49			
100	QPSK	135	6	14.51	14.51			
100	QPSK	135	69	14.54	14.54		16.0	0.0
100	QPSK	135	138	14.52	14.52			
100	QPSK	270	6	14.95	14.95		16.0	0.0
100	16QAM	1	1	14.70	14.70		16.0	0.0
100	64QAM	1	1	14.21	14.21		16.0	0.0
100	256QAM	1	1	14.59	14.59		16.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	14.28	14.32	14.23	16.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.27	14.30	14.23	16.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.27	14.30	14.23	16.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.27	14.25	14.23	16.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	14.24	14.22	14.27	16.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.29	14.29	14.26	16.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	14.29	14.22	14.33	16.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	14.23	14.29	14.29	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		18.38		20.0	0.0
100	QPSK	1	137		18.67			
100	QPSK	1	271		18.64			
100	QPSK	135	0		18.57		20.0	0.0
100	QPSK	135	66		18.82			
100	QPSK	135	138		18.59			
100	QPSK	270	0		18.56		20.0	0.0
100	16QAM	1	1		18.80		20.0	0.0
100	16QAM	1	1		18.56		20.0	0.0
100	256QAM	1	1		18.08		20.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	149.080	850000	850332	Tune-up limit	MPR
				3745.532	3750	3746.538	(dBm)	(dB)
90	QPSK	1	1	18.47	18.54	18.47	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.52	18.57	18.51	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.44	18.53	18.53	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.49	18.60	18.50	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.50	18.53	18.54	20.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.44	18.59	18.49	20.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.45	18.54	18.45	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		17.69		19.5	0.0
100	QPSK	1	137		18.17			
100	QPSK	1	271		18.13			
100	QPSK	135	0		18.02		19.5	0.0
100	QPSK	135	66		18.15			
100	QPSK	135	138		18.13			
100	QPSK	270	0		18.14		19.5	0.0
100	16QAM	1	1		18.09		19.5	0.0
100	16QAM	1	1		18.05		19.5	0.0
100	256QAM	1	1		17.99		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	833000	833332	833696	Tune-up limit	MPR
				3490	3499.98	3496.98	(dBm)	(dB)
90	QPSK	1	1	18.09	18.14	18.04	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.09	18.09	18.13	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.03	18.09	18.13	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.02	18.14	18.10	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.05	18.09	18.13	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.02	18.13	18.07	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.05	18.09	18.04	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		18.55		20.5	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		18.63			
100	QPSK	135	0		18.71		20.5	0.0
100	QPSK	135	66		18.73			
100	QPSK	135	138		18.64			
100	QPSK	270	0		18.69		20.5	0.0
100	16QAM	1	1		18.71		20.9	0.0
100	16QAM	1	1		18.63		20.5	0.0
100	256QAM	1	1		18.74		20.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	849996	850000	850332	Tune-up limit	MPR
				3745.532	3750	3746.538	(dBm)	(dB)
90	QPSK	1	1	18.75	18.72	18.67	20.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.67	18.72	18.69	20.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.64	18.69	18.65	20.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.64	18.69	18.65	20.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.67	18.69	18.69	20.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.63	18.64	18.63	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.73	18.74	18.70	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.73	18.73	18.67	20.5	0.0

Par27Q n78_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		3499.99			
100	QPSK	1	137		18.15			
100	QPSK	1	271		18.95		20.5	0.0
100	QPSK	135	69		18.94			
100	QPSK	135	69		18.98			
100	QPSK	135	69		18.93		20.5	0.0
100	QPSK	135	138		18.85			
100	QPSK	270	0		18.86		20.5	0.0
100	16QAM	1	1		18.87		20.5	0.0
100	64QAM	1	1		18.84		20.5	0.0
100	256QAM	1	1		18.75		20.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	3499.99	3499.98	3504.99	20.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	3499.02	3499.98	3510	20.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.92	18.94	18.95	20.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.90	18.95	18.95	20.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.86	18.88	18.88	20.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.85	18.86	18.86	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.90	18.95	18.95	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.95	18.95	18.95	20.5	0.0

Part27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		17.92			
100	QPSK	1	137		17.63			
100	QPSK	1	271		18.10		19.5	0.0
100	QPSK	135	69		18.05			
100	QPSK	135	69		18.08			
100	QPSK	135	138		18.05		19.5	0.0
100	QPSK	270	0		18.06			
100	16QAM	1	1		18.02		19.5	0.0
100	64QAM	1	1		18.07		19.5	0.0
100	256QAM	1	1		18.04		19.5	0.0
100	256QAM	1	1		18.03		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.06	17.99	18.01	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.88	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.88	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.89	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.89	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.01	18.05	18.05	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.05	17.98	18.00	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.09	18.08	18.02	19.5	0.0

Par27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		17.53			
100	QPSK	1	137		18.08		19.5	0.0
100	QPSK	1	271		17.95			
100	QPSK	135	69		18.02			
100	QPSK	135	69		18.06		19.5	0.0
100	QPSK	135	138		17.98			
100	QPSK	270	0		18.04		19.5	0.0
100	16QAM	1	1		18.06		19.5	0.0
100	64QAM	1	1		17.99		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.02	18.02	18.04	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.97	18.03	18.01	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	17.97	18.03	18.01	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.03	18.07	18.05	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.03	18.05	18.07	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.01	18.00	17.98	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.97	17.98	17.99	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.02	17.96	18.07	19.5	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		14.63		17.0	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.28			
100	QPSK	1	135		15.28			
100	QPSK	135	69		15.31		17.0	0.0
100	QPSK	135	138		15.30		17.0	0.0
100	QPSK	270	0		15.23		17.0	0.0
100	16QAM	1	1		15.19		17.0	0.0
100	16QAM	1	1		15.25		17.0	0.0
100	256QAM	1	1		15.23		17.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	52260	52000	520332	Tune-up limit	MPR
50	QPSK	1	1	3745.02	3750	3745.98	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	3740.01	3750	3750.99	Tune-up limit	MPR
80	QPSK	1	1	15.23	15.24	15.16	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	52260	52000	520332	Tune-up limit	MPR
50	QPSK	1	1	3745.02	3750	3745.98	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	3740.01	3750	3750.99	Tune-up limit	MPR
80	QPSK	1	1	15.23	15.24	15.14	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	52260	52000	520332	Tune-up limit	MPR
50	QPSK	1	1	3745.02	3750	3745.98	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	3740.01	3750	3750.99	Tune-up limit	MPR
80	QPSK	1	1	15.23	15.25	15.15	(dBm)	(dB)

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		14.68		16.0	0.0
100	QPSK	1	137		14.62			
100	QPSK	1	271		14.45			
100	QPSK	135	0		14.55			
100	QPSK	135	69		14.58		16.0	0.0
100	QPSK	135	138		14.58		16.0	0.0
100	QPSK	270	0		14.46		16.0	0.0
100	16QAM	1	1		14.52		16.0	0.0
100	16QAM	1	1		14.47		16.0	0.0
100	256QAM	1	1		14.42		16.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	63300	63332	63366	Tune-up limit	MPR
50	QPSK	1	1	14.55	14.51	14.49	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	63366	63398	63430	Tune-up limit	MPR
80	QPSK	1	1	14.53	14.54	14.49	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	3699	3699.98	3694.99	Tune-up limit	MPR
50	QPSK	1	1	14.49	14.56	14.47	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	3699.99	3700	3700	Tune-up limit	MPR
80	QPSK	1	1	14.52	14.47	14.50	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	63332	63364	63396	Tune-up limit	MPR
50	QPSK	1	1	14.53	14.53	14.50	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	63396	63428	63460	Tune-up limit	MPR
80	QPSK	1	1	14.47	14.53	14.52	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	3699	3699.98	3694.99	Tune-up limit	MPR
50	QPSK	1	1	14.52	14.53	14.48	(dBm)	(dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	3699.99	3700	3700	Tune-up limit	MPR
80	QPSK	1	1	14.53	14.53	14.48	(dBm)	(dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	63366	63398	63430	Tune-up limit	MPR
50	QPSK	1	1	14.48	14.54	14.53	(dBm)	(dB)

DSI 3 Power

n41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	23.63	23.63	23.64			
100	QPSK	1	137	23.48	23.54	23.50	25.0	0.0	
100	QPSK	1	271	23.37	23.45	23.35			
100	QPSK	135	0	22.74	22.85	22.73			
100	QPSK	135	69	23.43	23.58	23.53	25.0	0.0	
100	QPSK	135	138	22.63	22.73	22.63			
100	QPSK	270	0	22.85	22.75	22.65	24.0	1.0	
100	16QAM	1	1	22.08	22.11	22.12	24.0	1.0	
100	16QAM	1	1	20.80	20.86	20.82	22.5	2.5	
100	256QAM	1	1	19.24	19.30	19.28	20.0	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.61	23.58	23.54	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.56	23.59	23.58	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.57	23.59	23.56	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.63	23.59	23.54	25.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.61	23.56	23.60	25.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.57	23.59	23.58	25.0	0.0	
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	23.54	23.57	23.61	25.0	0.0	

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	24.53	24.51	24.54			
100	QPSK	1	137	24.40	24.38	24.38	25.7		0.0
100	QPSK	1	271	24.63	24.39	24.38			
100	QPSK	135	0	23.85	23.77	23.37			
100	QPSK	135	69	24.50	24.58	24.50	25.7		0.0
100	QPSK	135	138	23.47	23.53	23.75			
100	QPSK	270	0	23.84	23.86	23.83	24.7		1.0
100	16QAM	1	1	23.26	23.30	22.90	24.7		1.0
100	64QAM	1	1	21.75	21.78	21.48	23.2		2.5
100	256QAM	1	1	20.43	20.51	20.14	21.2		4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	24.47	24.57	24.49	25.7		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.50	24.58	24.42	25.7		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.52	24.53	24.46	25.7		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.57	24.56	24.49	25.7		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.57	24.56	24.46	25.7		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.54	24.50	24.51	25.7		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.47	24.52	24.53	25.7		0.0
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	24.50	24.57	24.50	25.7		0.0

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 586002	Power Middle Ch. Freq. 518598	Power High Ch. Freq. 588000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	23.61	23.57	23.63			
100	QPSK	1	137	23.48	23.53	23.41	25.0	0.0	
100	QPSK	1	271	23.39	23.38	23.30			
100	QPSK	135	0	22.74	22.75	22.82			
100	QPSK	135	69	23.52	23.58	23.43	25.0	0.0	
100	QPSK	135	138	22.64	22.64	22.55			
100	QPSK	270	0	22.87	22.73	22.55	24.0	1.0	
100	16QAM	1	1	22.03	22.18	22.08	24.0	1.0	
100	64QAM	1	1	20.58	20.67	20.59	22.0	2.5	
100	256QAM	1	1	19.25	19.34	19.22	20.0	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.54	23.61	23.60	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.60	23.64	23.58	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.59	23.64	23.55	25.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.60	23.61	23.60	25.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.60	23.55	23.57	25.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.54	23.56	23.59	25.0	0.0	
Channel									
Frequency (MHz)									
20	P1/2 BPSK	1	1	23.55	23.63	23.63	25.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 566002	Power Middle Ch. / Freq. 518998	Power High Ch. / Freq. 526000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	2144	2148	2152	22.2	0.0
100	QPSK	1	137	2141	2143	2154		
100	QPSK	1	271	2143	2140	2155		
100	QPSK	135	6	2132	2131	2107		
100	QPSK	135	69	2139	2142	2114	22.2	0.0
100	QPSK	135	138	2136	2131	2110		
100	QPSK	270	6	2128	2133	2111	22.2	0.0
100	16QAM	1	1	2137	2130	2106	22.2	0.0
100	16QAM	1	1	2135	2135	2113	22.2	0.0
100	256QAM	1	1	2056	2064	2065	21.2	1.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	2041	2052	2044	22.2	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	2133	2141	2118	22.2	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	2020	2050	2050	22.2	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	2141	2137	2120	22.2	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	2138	2142	2119	22.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	2134	2147	2111	22.2	0.0
Channel								
Frequency (MHz)								
20	PV2 QPSK	1	1	2133	2138	2111	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 666000	Power Middle Ch. / Freq. 666000	Power High Ch. / Freq. 666000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	2343	2343	2335	25.0	0.0
100	QPSK	1	137	2328	2365	2350		
100	QPSK	1	271	2327	2365	2334		
100	QPSK	135	6	2318	2355	2315		
100	QPSK	135	69	2315	2354	2337	25.0	0.0
100	QPSK	135	138	2328	2335	2335		
100	QPSK	270	6	2295	2254	2228	24.0	1.0
100	16QAM	1	1	2118	2216	2193	24.0	1.0
100	16QAM	1	1	1962	2056	2037	22.5	2.5
100	256QAM	1	1	1813	1916	1892	20.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	2323	2362	2354	25.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	2326	2363	2353	25.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	2325	2357	2353	25.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	2325	2357	2350	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	2326	2362	2346	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	2326	2358	2353	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	2325	2360	2353	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 633332	Power Middle Ch. / Freq. 633332	Power High Ch. / Freq. 633332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1				24.0	0.0
100	QPSK	1	137					
100	QPSK	1	271					
100	QPSK	135	6				24.0	0.0
100	QPSK	135	69					
100	QPSK	135	138					
100	QPSK	270	6				23.0	1.0
100	16QAM	1	1				23.0	1.0
100	16QAM	1	1				21.5	2.5
100	256QAM	1	1				19.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1				24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1				24.0	0.0

[illegible]

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel							
100	QPSK	1	1	15.56	633332		
100	QPSK	1	137	15.12			
100	QPSK	1	271	15.11			20.5 0.0
100	QPSK	135	18	15.12			
100	QPSK	135	180	15.12			
100	QPSK	135	195	15.12			20.5 0.0
100	QPSK	270	0	15.17			
100	16QAM	1	1	15.09			20.5 0.0
100	16QAM	1	1	15.16			20.5 0.0
100	256QAM	1	1	15.01			20.5 0.0
Power							
	Frequency (MHz)			633000	633332	633666	16QAM (dB)
90	QPSK	1	1	15.46	3456	3456	20.5 0.0
90	QPSK	1	18	15.16	18	18	20.5 0.0
90	QPSK	1	180	15.12	180	180	20.5 0.0
90	QPSK	1	3456	15.09	3456	3456	20.5 0.0
80	QPSK	1	1	15.16	15.15	15.10	20.5 0.0
80	QPSK	1	18	15.12	15.12	15.03	20.5 0.0
80	QPSK	1	180	15.12	15.12	15.10	20.5 0.0
80	QPSK	1	3456	15.09	15.09	15.09	20.5 0.0
Channel							
100	Frequency (MHz)			631668	633332	635000	16QAM (dB)
50	QPSK	1	1	15.09	15.12	15.16	20.5 0.0
50	QPSK	1	18	15.16	15.17	15.09	20.5 0.0
50	QPSK	1	180	15.12	15.12	15.12	20.5 0.0
50	QPSK	1	3456	15.09	15.09	15.09	20.5 0.0
40	QPSK	1	1	15.17	15.10	15.06	20.5 0.0
40	QPSK	1	18	15.18	15.18	15.11	20.5 0.0
40	QPSK	1	180	15.12	15.12	15.12	20.5 0.0
40	QPSK	1	3456	15.09	15.09	15.09	20.5 0.0
Channel							
100	Frequency (MHz)			631000	633332	635666	16QAM (dB)
30	QPSK	1	1	15.45	3456	3456	20.5 0.0
30	QPSK	1	18	15.18	18	18	20.5 0.0
30	QPSK	1	180	15.12	180	180	20.5 0.0
30	QPSK	1	3456	15.09	3456	3456	20.5 0.0
Channel							
100	Frequency (MHz)			634000	634496	635000	16QAM (dB)

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BW [kHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. [MHz]	Power Middle Ch. Freq. [MHz]	Power High Ch. Freq. [MHz]	
Channel				Ch. Freq. [MHz]	Ch. Freq. [MHz]	Ch. Freq. [MHz]	Turn-up limit (dBm)
100	QPSK	1	1	17.48	18.12	18.12	
100	QPSK	1	137	18.03	18.31	18.26	20.0 0.0
100	QPSK	1	271	17.66	18.23	18.15	
100	QPSK	135	9	17.29	18.27	18.16	
100	QPSK	135	80	18.01	18.29	18.24	20.0 0.0
100	QPSK	135	134	17.48	18.26	18.13	
100	QPSK	270	6	17.88	18.19	18.08	20.0 0.0
100	QAM16	1	1	17.89	18.15	18.03	20.0 0.0
100	QAM16	1	137	17.71	18.05	18.05	20.0 0.0
100	256QAM	1	1	17.86	18.20	18.14	20.0 0.0
Channel				Ch. Freq. [MHz]	Ch. Freq. [MHz]	Ch. Freq. [MHz]	Turn-up limit (dBm)
300	QPSK	1	1	3745.00	3800.00	3934.98	20.0 0.0
300	QPSK	1	181	38.01	38.20	38.17	20.0 0.0
300	QPSK	1	361	37.63	38.00	38.03	20.0 0.0
300	QPSK	1	545	37.40	38.04	38.39	20.0 0.0
300	QPSK	1	727	37.87	38.22	38.19	20.0 0.0
300	QPSK	1	909	37.66	38.00	38.32	20.0 0.0
300	QPSK	1	1091	37.32	38.00	38.18	20.0 0.0
300	QPSK	1	1273	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	1455	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	1637	37.63	38.00	38.48	MPR
300	QPSK	1	1819	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	2001	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	2183	37.66	38.00	38.32	MPR
300	QPSK	1	2365	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	2547	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	2729	37.63	38.00	38.48	MPR
300	QPSK	1	2911	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	3093	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	3275	37.66	38.00	38.32	MPR
300	QPSK	1	3457	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	3639	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	3821	37.63	38.00	38.48	MPR
300	QPSK	1	4003	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	4185	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	4367	37.66	38.00	38.32	MPR
300	QPSK	1	4549	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	4731	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	4913	37.63	38.00	38.48	MPR
300	QPSK	1	5095	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	5277	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	5459	37.66	38.00	38.32	MPR
300	QPSK	1	5641	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	5823	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	6005	37.63	38.00	38.48	MPR
300	QPSK	1	6187	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	6369	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	6551	37.66	38.00	38.32	MPR
300	QPSK	1	6733	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	6915	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	7097	37.63	38.00	38.48	MPR
300	QPSK	1	7279	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	7461	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	7643	37.66	38.00	38.32	MPR
300	QPSK	1	7825	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	8007	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	8189	37.63	38.00	38.48	MPR
300	QPSK	1	8371	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	8553	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	8735	37.66	38.00	38.32	MPR
300	QPSK	1	8917	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	9099	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	9281	37.63	38.00	38.48	MPR
300	QPSK	1	9463	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	9645	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	9827	37.66	38.00	38.32	MPR
300	QPSK	1	10009	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	10191	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	10373	37.63	38.00	38.48	MPR
300	QPSK	1	10555	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	10737	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	10919	37.66	38.00	38.32	MPR
300	QPSK	1	11101	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	11283	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	11465	37.63	38.00	38.48	MPR
300	QPSK	1	11647	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	11829	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	12011	37.66	38.00	38.32	MPR
300	QPSK	1	12193	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	12375	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	12557	37.63	38.00	38.48	MPR
300	QPSK	1	12739	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	12921	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	13103	37.66	38.00	38.32	MPR
300	QPSK	1	13285	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	13467	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	13649	37.63	38.00	38.48	MPR
300	QPSK	1	13831	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	14013	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	14195	37.66	38.00	38.32	MPR
300	QPSK	1	14377	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	14559	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	14741	37.63	38.00	38.48	MPR
300	QPSK	1	14923	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	15105	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	15287	37.66	38.00	38.32	MPR
300	QPSK	1	15469	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	15651	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	15833	37.63	38.00	38.48	MPR
300	QPSK	1	16015	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	16197	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	16379	37.66	38.00	38.32	MPR
300	QPSK	1	16561	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	16743	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	16925	37.63	38.00	38.48	MPR
300	QPSK	1	17107	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	17289	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	17471	37.66	38.00	38.32	MPR
300	QPSK	1	17653	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	17835	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	18017	37.63	38.00	38.48	MPR
300	QPSK	1	18199	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	18381	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	18563	37.66	38.00	38.32	MPR
300	QPSK	1	18745	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	18927	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	19109	37.63	38.00	38.48	MPR
300	QPSK	1	19291	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	19473	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	19655	37.66	38.00	38.32	MPR
300	QPSK	1	19837	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	20019	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	20201	37.63	38.00	38.48	MPR
300	QPSK	1	20383	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	20565	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	20747	37.66	38.00	38.32	MPR
300	QPSK	1	20929	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	21111	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	21293	37.63	38.00	38.48	MPR
300	QPSK	1	21475	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	21657	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	21839	37.66	38.00	38.32	MPR
300	QPSK	1	22021	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	22203	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	22385	37.63	38.00	38.48	MPR
300	QPSK	1	22567	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	22749	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	22931	37.66	38.00	38.32	MPR
300	QPSK	1	23113	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	23295	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	23477	37.63	38.00	38.48	MPR
300	QPSK	1	23659	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	23841	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	24023	37.66	38.00	38.32	MPR
300	QPSK	1	24205	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	24387	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	24569	37.63	38.00	38.48	MPR
300	QPSK	1	24751	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	24933	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	25115	37.66	38.00	38.32	MPR
300	QPSK	1	25297	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	25479	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	25661	37.63	38.00	38.48	MPR
300	QPSK	1	25843	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	26025	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	26207	37.66	38.00	38.32	MPR
300	QPSK	1	26389	37.50	38.19	38.25	20.0 0.0
300	QPSK	1	26571	38.33	38.00	38.66	Turn-up limit
300	QPSK	1	26753	37.63	38.00	38.48	MPR
300	QPSK	1	26935	37.76	38.25	38.18	20.0 0.0
300	QPSK	1	27117	37.40	38.00	38.39	Turn-up limit
300	QPSK	1	27299	37.66	38.00	38.32	MPR
300	QPSK	1	27481	37.50	38.19	38.25	20.0 0.0</

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.50	3459.93			
100	QPSK	1	137	18.10			19.5	0.0
100	QPSK	1	271	18.05				
100	QPSK	135	6	18.01				
100	QPSK	135	69	18.05			19.5	0.0
100	QPSK	135	138	17.98				
100	QPSK	270	0	18.00			19.5	0.0
100	16QAM	1	1	18.05			19.5	0.0
100	64QAM	1	1	17.99			19.5	0.0
100	256QAM	1	1	17.93			19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.02	3459.98	3504.99	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.02	3459.98	3510	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.05	3459.93	3515.97	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.06	3459.98	3520.9	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.01	3459.93	3525.9	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.07	3459.98	3530.9	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.07	3459.98	3535.9	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.05	3459.98	3540	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	20.25	3745.02	3804.38	22.5	0.0
100	QPSK	1	137	20.70	3745.02	3804.38	22.5	0.0
100	QPSK	1	271	20.55	3745.02	3804.38	22.5	0.0
100	QPSK	135	6	20.61	3745.02	3804.38	22.5	0.0
100	QPSK	135	69	20.61	3745.02	3804.38	22.5	0.0
100	QPSK	135	138	20.71	3745.02	3804.38	22.5	0.0
100	QPSK	270	0	20.56	3745.02	3804.38	22.5	0.0
100	16QAM	1	1	19.81	3745.02	3804.38	22.5	0.0
100	64QAM	1	1	19.75	3745.02	3804.38	22.5	0.0
100	256QAM	1	1	18.77	3745.02	3804.38	21.0	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.65	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.69	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.69	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.59	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.59	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.63	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.63	3745.02	3804.38	22.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.62	3745.02	3804.38	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	20.02	3459.98	3504.99	21.5	0.0
100	QPSK	1	137	20.10				
100	QPSK	1	271	20.05				
100	QPSK	135	6	20.06				
100	QPSK	135	69	20.08			21.5	0.0
100	QPSK	135	138	20.05				
100	QPSK	270	0	20.02			21.5	0.0
100	16QAM	1	1	19.41			21.5	0.0
100	64QAM	1	1	19.40			21.5	0.0
100	256QAM	1	1	18.49			20.0	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	20.04	3459.98	3504.99	21.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	20.04	3459.98	3510	21.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	20.04	3459.98	3515.97	21.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	20.04	3459.98	3520.9	21.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	20.01	3459.98	3525.9	21.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.07	3459.98	3530.9	21.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.02	3459.98	3535.9	21.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.07	3459.98	3540	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power [dBm] Ch / Freq	Power [dBm] Ch / Freq	Power [dBm] Ch / Freq	Turn-up time (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3650	6060000			
100	QPSK	1	1	22.52				
100	QPSK	1	137	21.81			24.5	0
100	QPSK	1	271	23.19				
100	QPSK	136	6	23.21				
100	QPSK	136	138	23.16			24.5	0
100	QPSK	136	158	22.28				
100	QPSK	270	0	22.99			23.5	1.0
100	QPSK	270	1	21.27			23.5	1.0
100	QPSK	270	1	19.72			22.0	2.5
100	QPSK	270	1	10.26			4.5	4.5
Channel								
Frequency (MHz)				64866	6500000	658332		MPR
Frequency (MHz)				1747.12	17470	1747.58		MPR
90	QPSK	1	2312	23.16	23.16	23.16	24.5	0
Channel								
Frequency (MHz)				64834	6500000	66666		MPR
Frequency (MHz)				1747.12	17470	1747.58		MPR
86	QPSK	1	2312	23.20	23.13		24.5	0
Channel								
Frequency (MHz)				64863	6500000	641332		MPR
Frequency (MHz)				3725.02	3750	3755.82		MPR
86	QPSK	1	1	23.18	23.13	23.20	24.5	0
Channel								
Frequency (MHz)				3725.01	3750	3774.99		MPR
50	QPSK	1	1	23.14	23.14	23.16	24.5	0
Channel								
Frequency (MHz)				3725.02	3750	3755.82		MPR
40	QPSK	1	1	1720	1751	1780	24.5	0
Channel								
Frequency (MHz)				23.14	23.15	23.14	24.5	0
40	QPSK	1	1	6060000	6033333	6033333	24.5	0
Channel								
Frequency (MHz)				1747.12	17470	1747.58		MPR
20	QPSK	1	1	23.13	23.13	23.12	24.5	0
Channel								
Frequency (MHz)				64734	6500000	65666		MPR
Frequency (MHz)				1747.12	17470	1747.58		MPR
20	QPSK	1	1	23.16	23.16	23.14	24.5	0

Par27Q n78_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power (mW) Chn 1	Power (mW) Chn 2	Power (mW) Chn 3	Time-up limit (dBm)	MPR (dB)
Channel								
100	QPSK	1	1	22.53			24.0	0.0
100	QPSK	1	137	22.52				
100	QPSK	1	271	22.52				
100	QPSK	135	0	21.65			24.0	0.0
100	QPSK	135	136	21.52				
100	QPSK	270	0	21.52				
100	QPSK	270	136	21.52			23.0	1.0
100	QPSK	1	1	19.71			21.5	2.5
100	QPSK	1	1	16.27			19.4	4.0
Channel								
90	QPSK	1	1	63300	63352	63366	Time-up limit	MPR
90	QPSK	1	1	63300	63352	63366	Time-up limit	MPR
90	QPSK	1	1	22.54	22.51	22.55	24.0	0.0
Channel								
80	QPSK	1	1	63368	63362	63400	Time-up limit	MPR
80	QPSK	1	1	22.57	22.58	22.58	24.0	0.0
Channel								
80	QPSK	1	1	63200	63352	63466	Time-up limit	MPR
80	QPSK	1	1	3450	3450	3526	Time-up limit	MPR
80	QPSK	1	1	22.61	22.58	22.59	24.0	0.0
Channel								
50	QPSK	1	1	63370	63408	6356	Time-up limit	MPR
50	QPSK	1	1	22.54	22.50	22.52	24.0	0.0
Channel								
40	QPSK	1	1	63370	3450	3526	Time-up limit	MPR
40	QPSK	1	1	22.59	22.56	22.57	24.0	0.0
Channel								
30	QPSK	1	1	63370	3450	3526	Time-up limit	MPR
30	QPSK	1	1	22.56	22.53	22.53	24.0	0.0
Channel								
20	QPSK	1	1	63368	63362	63600	Time-up limit	MPR
20	QPSK	1	1	22.57	22.53	22.57	24.0	0.0

Part270 n78_Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Level [dBm] Ch./Freq.	Power Level [dBm] Ch./Freq.	Power Level [dBm] Ch./Freq.	Time-on-air [s] (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3190	3190			
100	QPSK	1	1	18.55				
100	QPSK	1	137	18.71			20.5	0.0
100	QPSK	1	271	18.63			20.5	0.0
100	QPSK	135	0	18.75			20.5	0.0
100	QPSK	135	63	18.73			20.5	0.0
100	QPSK	135	138	18.64			20.5	0.0
100	QPSK	270	0	18.71			20.5	0.0
100	QPSK	270	63	18.71			20.5	0.0
100	QPSK	270	127	18.63			20.5	0.0
100	QPSK	270	191	18.74			20.5	0.0
Channel								
Frequency (MHz)				86896	86896	86932	Time-on-air [s] (dBm)	MPR
Channel				1742.02	3190	1745.58		
50	QPSK	1	1	18.73	18.72	18.67	20.5	0.0
Channel				868436	868600	869066	Time-on-air [s] (dBm)	MPR
Frequency (MHz)				1869.99	1869.99	1869.99		
80	QPSK	1	1	18.69	18.72	18.68	20.5	0.0
Channel								
Frequency (MHz)				848688	868600	851332	Time-on-air [s] (dBm)	MPR
Channel				3730.02	3190	3768.98		
80	QPSK	1	1	18.64	18.69	18.65	20.5	0.0
Channel								
Frequency (MHz)				3725.01	3750	3774.99	Time-on-air [s] (dBm)	MPR
50	QPSK	1	1	18.67	18.66	18.68	20.5	0.0
Channel								
Frequency (MHz)				3170	3170	3160	Time-on-air [s] (dBm)	MPR
40	QPSK	1	1	18.43	18.46	18.48	20.5	0.0
Channel								
Frequency (MHz)				868600	868600	869332	Time-on-air [s] (dBm)	MPR
30	QPSK	1	1	18.15	17.93	17.84	20.5	0.0
Channel								
Frequency (MHz)				867336	868600	869596	Time-on-air [s] (dBm)	MPR
Channel				2211.01	3190	2211.01		
20	QPSK	1	1	18.13	18.13	18.67	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	18.15	18.95		20.5	0.0
100	QPSK	1	137	18.94	18.94			
100	QPSK	1	271	18.94	18.94			
100	QPSK	135	69	18.93	18.93		20.5	0.0
100	QPSK	135	138	18.93	18.93			
100	QPSK	270	0	18.86	18.86		20.5	0.0
100	16QAM	1	1	18.87	18.87		20.5	0.0
100	64QAM	1	1	18.84	18.84		20.5	0.0
100	256QAM	1	1	18.75	18.75		20.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.90	18.91	18.88	20.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.92	18.94	18.89	20.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	18.96	18.98	18.93	20.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	18.96	18.98	18.93	20.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.93	18.94	18.93	20.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.90	18.95	18.85	20.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.95	18.95	18.85	20.5	0.0

Part27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.65	17.65		19.5	0.0
100	QPSK	1	137	18.10	18.10			
100	QPSK	1	271	18.05	18.05			
100	QPSK	135	69	18.05	18.05		19.5	0.0
100	QPSK	135	138	18.06	18.06			
100	QPSK	270	0	18.02	18.02		19.5	0.0
100	16QAM	1	1	18.07	18.07		19.5	0.0
100	64QAM	1	1	18.04	18.04		19.5	0.0
100	256QAM	1	1	18.03	18.03		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.06	17.99	18.01	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.88	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.69	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.59	17.85	18.04	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.01	18.05	18.06	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.05	17.88	18.00	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.09	18.08	18.02	19.5	0.0

Par27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.55	17.55		19.5	0.0
100	QPSK	1	137	18.08	18.08			
100	QPSK	1	271	17.95	17.95			
100	QPSK	135	69	18.02	18.02		19.5	0.0
100	QPSK	135	138	17.98	17.98			
100	QPSK	270	0	18.04	18.04		19.5	0.0
100	16QAM	1	1	18.06	18.06		19.5	0.0
100	64QAM	1	1	17.99	17.99		19.5	0.0
100	256QAM	1	1	17.97	17.97		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.02	18.02	18.04	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.87	18.03	18.01	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.69	18.05	18.04	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.59	17.85	18.04	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.01	18.05	18.06	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.87	17.88	17.99	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	18.02	17.96	18.07	19.5	0.0



Part27Q n78_Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				Tune-up limit (dBm)		MPR (dB)	
Frequency [MHz]				20.01		22.5	0.0
100	QPSK	1	1	20.01			
100	QPSK	1	137	20.02			
100	QPSK	1	271	20.08		22.5	0.0
100	QPSK	135	4	20.05			
100	QPSK	135	69	20.09			
100	QPSK	135	136	20.08		22.5	0.0
100	QPSK	270	0	20.09			
100	64QAM	1	1	19.77			
100	64QAM	1	1	19.81		22.5	0.0
100	256QAM	1	1	18.32			
Channel				64950		Tune-up limit (dBm)	
Frequency [MHz]				3745.02		3754.58	22.5
90	QPSK	1	1	20.07			
Channel				3743.53		Tune-up limit (dBm)	
Frequency [MHz]				3743.01		3749.98	22.5
80	QPSK	1	1	20.05			
Channel				64950		Tune-up limit (dBm)	
Frequency [MHz]				3743.50		3749.98	22.5
80	QPSK	1	1	20.05			
Channel				64950		Tune-up limit (dBm)	
Frequency [MHz]				3743.01		3749.98	22.5
80	QPSK	1	1	20.05			
Channel				64950		Tune-up limit (dBm)	
Frequency [MHz]				20.02		20.05	22.5
40	QPSK	1	1	20.02			
Channel				647668		Tune-up limit (dBm)	
Frequency [MHz]				3745.02		3749.98	22.5
30	QPSK	1	1	20.07			
Channel				647334		Tune-up limit (dBm)	
Frequency [MHz]				3745.01		3749.98	22.5
20	QPSK	1	1	20.05			

Par27Q n78_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.			
Channel				633332					
Frequency [MHz]				19.87					
100	QPSK	1	1	20.13				21.5	0.0
100	QPSK	1	137	20.02					
100	QPSK	1	271	20.11					
100	QPSK	135	4	20.12				21.5	0.0
100	QPSK	135	69	20.08					
100	QPSK	135	136	20.05					
100	16QAM	1	1	20.06				21.5	0.0
100	64QAM	1	1	20.09					
100	256QAM	1	1	18.39				21.5	0.0
Channel				633302		Tune-up limit (dBm)			
Frequency [MHz]				3495		3499.98	21.5	0.0	
90	QPSK	1	1	20.01					
Channel				3493.53		Tune-up limit (dBm)			
Frequency [MHz]				3493.02		3499.98	21.5	0.0	
80	QPSK	1	1	20.06					
Channel				633302		Tune-up limit (dBm)			
Frequency [MHz]				3493.50		3499.98	21.5	0.0	
80	QPSK	1	1	20.06					
Channel				633302		Tune-up limit (dBm)			
Frequency [MHz]				3493.02		3499.98	21.5	0.0	
80	QPSK	1	1	20.06					
Channel				633302		Tune-up limit (dBm)			
Frequency [MHz]				20.05		20.09	21.5	0.0	
50	QPSK	1	1	20.05					
Channel				633334		Tune-up limit (dBm)			
Frequency [MHz]				3493.01		3499.98	21.5	0.0	
40	QPSK	1	1	20.09					
Channel				631090		Tune-up limit (dBm)			
Frequency [MHz]				3493.54		3499.98	21.5	0.0	
30	QPSK	1	1	20.10					
Channel				630996		Tune-up limit (dBm)			
Frequency [MHz]				3493.02		3499.98	21.5	0.0	
20	QPSK	1	1	20.11					

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n41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506002	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 526000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	15.93	17.23	16.88			
100	QPSK	1	137	16.85	16.98	16.85	18.5	0.0	
100	QPSK	1	271	16.84	16.99	16.82			
100	QPSK	135	0	16.83	16.97	16.75			
100	QPSK	135	69	16.87	16.96	16.81	18.5	0.0	
100	QPSK	135	138	16.78	16.85	16.73			
100	QPSK	270	0	16.77	16.89	16.74	18.5	0.0	
100	16QAM	1	1	16.82	16.95	16.79	18.5	0.0	
100	16QAM	1	1	16.76	16.89	16.81	18.5	0.0	
100	256QAM	1	1	16.76	16.86	16.77	18.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.88	16.96	16.84	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	507024	518598	526998	Tune-up limit		MPR
Channel									
Frequency (MHz)									
80	QPSK	1	1	251.67	262.98	270.98	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	506200	518598	526198	Tune-up limit		MPR
Channel									
Frequency (MHz)									
80	QPSK	1	1	251.67	262.98	270.98	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	252.17	2592.99	2654.99	Tune-up limit		MPR
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.87	16.92	16.81	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	251.61	262.98	270.97	Tune-up limit		MPR
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.88	17.01	16.87	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.83	16.97	16.78	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.98	16.98	16.80	18.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	507024	518598	526998	Tune-up limit		MPR
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	16.83	17.00	16.80	18.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506002	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 526000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	20.12	20.17	19.87			
100	QPSK	1	137	20.19	20.22	19.81	21.2	0.0	
100	QPSK	1	271	20.13	20.22	19.80			
100	QPSK	135	0	20.05	20.09	19.75			
100	QPSK	135	69	20.13	20.15	19.79	21.2	0.0	
100	QPSK	135	138	20.01	20.10	19.75			
100	QPSK	270	0	20.12	20.13	19.75	21.2	0.0	
100	16QAM	1	1	19.85	19.82	19.77	21.2	0.0	
100	64QAM	1	1	19.46	19.75	19.71	21.2	0.0	
100	256QAM	1	1	19.13	19.21	19.19	21.2	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.17	20.20	19.83	21.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.20	20.26	19.78	21.2	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.19	20.21	19.86	21.2	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.17	20.25	19.81	21.2	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.20	20.22	19.83	21.2	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.16	20.21	19.81	21.2	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	20.24	20.20	19.85	21.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506002	Power Middle Ch. / Freq. 518598	Power High Ch. / Freq. 526000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	19.45	19.51	19.55			
100	QPSK	1	137	19.38	19.57	19.57	21.0	0.0	
100	QPSK	1	271	19.36	19.50	19.48			
100	QPSK	135	0	19.35	19.51	19.45			
100	QPSK	135	69	19.36	19.54	19.48	21.0	0.0	
100	QPSK	135	138	19.30	19.45	19.47			
100	QPSK	270	0	19.24	19.50	19.42	21.0	0.0	
100	16QAM	1	1	19.14	19.48	19.31	21.0	0.0	
100	16QAM	1	1	19.23	19.38	19.30	21.0	0.0	
100	256QAM	1	1	19.47	19.53	19.52	20.5	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.13	19.31	19.30	21.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	507004	508698	509698	Tune-up limit (dBm)		MPR
80	QPSK	1	1	20.16	20.17	20.19	21.0	0.0	
80	QPSK	1	1	506920	508598	509398	Tune-up limit (dBm)		MPR
80	QPSK	1	1	506920	508598	509398	Tune-up limit (dBm)		MPR
80	QPSK	1	1	19.22	19.34	19.33	21.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20521.0	20596.99	20654.99	Tune-up limit (dBm)		MPR
50	QPSK	1	1	19.15	19.39	19.29	21.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.15	20.09	20.07	21.0	0.0	
40	QPSK	1	1	19.23	19.32	19.26	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.13	19.40	19.33	21.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	19.14	19.36	19.26	21.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	18.85	18.87	18.86	19.7	0.0
100	QPSK	1	137	18.77	18.75	18.83		
100	QPSK	1	271	18.81	18.81	18.84		
100	QPSK	135	0	18.75	18.73	18.82	19.7	0.0
100	QPSK	135	66	18.75	18.75	18.81		
100	QPSK	135	138	18.84	18.72	18.84		
100	QPSK	210	0	18.71	18.73	18.80	19.7	0.0
100	16QAM	1	1	18.87	18.82	18.38	19.7	0.0
100	16QAM	1	1	18.76	18.71	18.47	19.7	0.0
100	256QAM	1	1	18.80	18.56	18.33	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.73	18.77	18.87	19.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.77	18.76	18.56	19.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.79	18.80	18.62	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.82	18.82	18.54	19.7	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	18.76	18.76	18.61	19.7	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	18.81	18.82	18.59	19.7	0.0
Channel								
Frequency (MHz)								
20	PSK BPSK	1	1	18.84	18.83	18.54	19.7	0.0

Par270 n77_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.82	15.34	15.26	18.0	0.0
100	QPSK	1	137	15.26	15.42	15.34		
100	QPSK	1	271	15.85	15.29	15.27		
100	QPSK	135	0	15.92	15.39	15.31	18.0	0.0
100	QPSK	135	66	15.25	15.40	15.32		
100	QPSK	135	138	15.82	15.19	15.17		
100	QPSK	210	0	15.87	15.31	15.27	18.0	0.0
100	16QAM	1	1	15.55	15.53	15.06	18.0	0.0
100	16QAM	1	1	15.50	15.58	15.11	18.0	0.0
100	256QAM	1	1	15.79	15.25	15.21	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.61	15.96	15.08	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.85	15.90	15.92	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.60	15.95	15.09	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.59	15.98	15.06	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.82	15.92	15.05	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.54	15.93	15.10	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.51	15.95	15.05	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.30	15.30		17.0	0.0
100	QPSK	1	137		15.60			
100	QPSK	1	271		15.50			
100	QPSK	135	0		15.50		17.0	0.0
100	QPSK	135	66		15.59			
100	QPSK	135	132		15.54			
100	QPSK	270	0		15.53		17.0	0.0
100	16QAM	1	1		15.50		17.0	0.0
100	64QAM	1	1		15.40		17.0	0.0
100	256QAM	1	1		15.40		17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.44	15.46	15.48	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.39	15.40	15.47	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.36	15.47	15.39	17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.38	15.41	15.45	17.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.41	15.47	15.42	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.39	15.46	15.43	17.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.40	15.48	15.46	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.38	16.40	16.35	18.5	0.0
100	QPSK	1	137	16.85	16.87	16.86	18.5	0.0
100	QPSK	1	271	16.96	16.98	16.91	18.5	0.0
100	QPSK	135	69	16.53	16.59	16.56	18.5	0.0
100	QPSK	135	69	16.60	16.64	16.63	18.5	0.0
100	QPSK	135	138	16.51	16.55	16.56	18.5	0.0
100	QPSK	270	0	16.58	16.60	16.59	18.5	0.0
100	16QAM	1	1	16.44	16.48	16.58	18.5	0.0
100	64QAM	1	1	16.44	16.48	16.51	18.5	0.0
100	256QAM	1	1	16.51	16.58	16.52	18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.59	16.62	16.55	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.61	16.67	16.64	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.60	16.64	16.60	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.62	16.60	16.17	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.59	16.56	16.55	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.59	16.61	16.65	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.54	16.60	16.54	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 655332	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	17.05	17.05	17.05	18.5	0.0
100	QPSK	1	137	17.23	17.23	17.23	18.5	0.0
100	QPSK	1	271	17.16	17.16	17.16	18.5	0.0
100	QPSK	135	69	17.16	17.16	17.16	18.5	0.0
100	QPSK	135	69	17.22	17.22	17.22	18.5	0.0
100	QPSK	135	138	17.21	17.21	17.21	18.5	0.0
100	QPSK	270	0	17.21	17.21	17.21	18.5	0.0
100	16QAM	1	1	17.12	17.12	17.12	18.5	0.0
100	64QAM	1	1	17.15	17.15	17.15	18.5	0.0
100	256QAM	1	1	17.05	17.05	17.05	18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	17.13	17.13	17.17	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	17.21	17.14	17.17	18.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	17.16	17.22	17.15	18.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	17.13	17.15	17.12	18.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.20	17.13	17.21	18.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.21	17.13	17.21	18.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.21	17.17	17.12	18.5	0.0

Par27O n77_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 655000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.97	15.94	15.98	18.0	0.0
100	QPSK	1	137	16.07	16.11	16.05	18.0	0.0
100	QPSK	1	271	16.04	16.05	16.04	18.0	0.0
100	QPSK	135	69	16.01	16.01	16.08	18.0	0.0
100	QPSK	135	69	16.03	16.06	16.01	18.0	0.0
100	QPSK	135	138	16.00	16.00	16.06	18.0	0.0
100	QPSK	270	0	16.03	16.04	16.07	18.0	0.0
100	16QAM	1	1	16.04	16.07	16.00	18.0	0.0
100	64QAM	1	1	16.00	16.09	16.04	18.0	0.0
100	256QAM	1	1	16.03	16.13	16.10	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.97	16.00	16.03	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.05	16.01	16.02	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.05	16.08	16.04	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.08	16.09	16.02	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.06	16.06	16.06	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.06	16.10	16.08	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.01	16.05	16.07	18.0	0.0

Par27Q n77_Ant 6

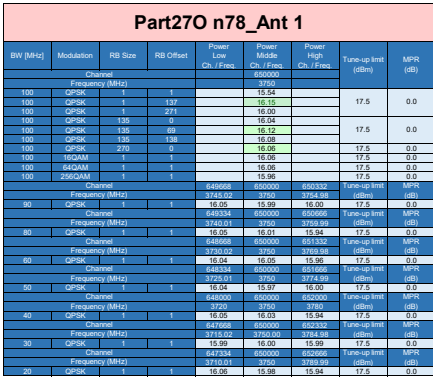
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	15.90	15.90		17.5	0.0
100	QPSK	1	137	15.94				
100	QPSK	1	271	15.98				
100	QPSK	135	69	15.91			17.5	0.0
100	QPSK	135	69	15.92				
100	QPSK	135	138	15.96				
100	QPSK	270	0	15.93			17.5	0.0
100	16QAM	1	1	15.98			17.5	0.0
100	64QAM	1	1	15.98			17.5	0.0
100	256QAM	1	1	15.96			17.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	15.99	15.97	16.00	17.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	15.92	16.02	16.00	17.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	15.93	15.93	15.93	Tune-up limit	MPR
Channel								
Frequency (MHz)								
60	QPSK	1	1	15.96	16.01	16.03	17.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	15.97	15.97	15.93	17.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.93	15.93	16.02	17.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.93	15.93	16.02	17.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.96	15.93	16.01	17.5	0.0

Par27Q n77_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	14.83	14.80	14.87	17.0	0.0
100	QPSK	1	137	15.30	15.30	15.33		
100	QPSK	1	271	14.20	14.20	14.06		
100	QPSK	135	69	14.85	15.02	14.85	17.0	0.0
100	QPSK	135	69	15.22	15.25	15.23		
100	QPSK	135	138	14.88	15.02	14.87		
100	QPSK	270	0	15.01	15.02	15.01	17.0	0.0
100	16QAM	1	1	14.80	14.87	14.88	17.0	0.0
100	64QAM	1	1	14.85	14.88	14.85	17.0	0.0
100	256QAM	1	1	15.25	15.26	15.21	17.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	14.74	14.89	14.62	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.77	14.85	14.57	17.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	14.81	14.85	14.63	17.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	14.81	14.85	14.63	17.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	14.71	14.80	14.50	17.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.77	14.79	14.55	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	14.78	14.87	14.64	17.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	14.81	14.89	14.60	17.0	0.0

Par27Q n77_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	14.34	14.34		16.0	0.0
100	QPSK	1	137	14.81				
100	QPSK	1	271	14.49				
100	QPSK	135	69	14.51			16.0	0.0
100	QPSK	135	69	14.54				
100	QPSK	135	138	14.52				
100	QPSK	270	0	14.55			16.0	0.0
100	16QAM	1	1	14.70			16.0	0.0
100	64QAM	1	1	14.21			16.0	0.0
100	256QAM	1	1	14.59			16.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	14.28	14.32	14.23	16.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	14.27	14.30	14.23	16.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	14.27	14.25	14.23	16.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	14.27	14.25	14.23	16.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	14.24	14.22	14.27	16.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	14.29	14.29	14.26	16.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	14.29	14.22	14.33	16.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	14.23	14.29	14.29	16.0	0.0



Par27Q n78_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Freq. [dBm]	Power Middle Freq. [dBm]	Power High Freq. [dBm]	Time-up-Int. (dB)	MPR (dB)
Channel								
100	QPSK	1	1	15.41	63532		17.0	0.0
40	QPSK	1	1	15.41	63532		17.0	0.0
100	QPSK	1	271	15.41	63532		17.0	0.0
40	QPSK	1	271	15.41	63532		17.0	0.0
100	QPSK	135	49	15.41	63532		17.0	0.0
40	QPSK	135	49	15.41	63532		17.0	0.0
100	QPSK	270	0	15.41	63532		17.0	0.0
40	QPSK	270	0	15.41	63532		17.0	0.0
100	16QAM	1	1	15.41	63532		17.0	0.0
40	16QAM	1	1	15.41	63532		17.0	0.0
100	256QAM	1	1	15.41	63532		17.0	0.0
Channel								
Frequency [MHz]	1	63500	15.49	63500	63500		17.0	0.0
80	QPSK	1	1	15.41	63268	63400	17.0	0.0
Channel								
Frequency [MHz]	1	63268	15.41	63268	63400		17.0	0.0
80	QPSK	1	1	15.41	63268	63400	17.0	0.0
Channel								
Frequency [MHz]	1	63268	15.41	63268	63400		17.0	0.0
80	QPSK	1	1	15.41	63268	63400	17.0	0.0
Channel								
Frequency [MHz]	1	63134	15.41	63134	63268		17.0	0.0
80	QPSK	1	1	15.41	63134	63268	17.0	0.0
Channel								
Frequency [MHz]	1	63134	15.41	63134	63268		17.0	0.0
80	QPSK	1	1	15.41	63134	63268	17.0	0.0
Channel								
Frequency [MHz]	1	63000	15.41	63000	63134		17.0	0.0
80	QPSK	1	1	15.41	63000	63134	17.0	0.0
Channel								
Frequency [MHz]	1	62866	15.41	62866	63000		17.0	0.0
80	QPSK	1	1	15.41	62866	63000	17.0	0.0
Channel								
Frequency [MHz]	1	62866	15.41	62866	63000		17.0	0.0
80	QPSK	1	1	15.41	62866	63000	17.0	0.0

Part270 n78_Ant 5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Time up link (dB)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
100	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
100	QPSK	1	271	15.87	15.87	15.87	18.0	0.0
100	QPSK	135	49	16.00	16.00	16.00	18.0	0.0
100	QPSK	135	49	16.14	16.14	16.14	18.0	0.0
100	QPSK	270	0	16.00	16.00	16.00	18.0	0.0
100	TS-SM	1	1	16.00	16.00	16.00	18.0	0.0
100	64QAM	1	1	16.00	16.00	16.00	18.0	0.0
100	256QAM	1	1	16.00	16.00	16.00	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
90	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0
80	QPSK	1	1	16.14	16.14	16.14	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.00	16.00	16.00	18.0	0.0

Par27Q n78_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.15	16.35	16.45	18.0	0.0
100	QPSK	1	137	16.35	16.45	16.55		
100	QPSK	1	271	16.34	16.45	16.55		
100	QPSK	135	69	16.30	16.45	16.53		
100	QPSK	135	69	16.33	16.45	16.54	18.0	0.0
100	QPSK	135	138	16.29	16.45	16.55		
100	QPSK	270	0	16.24	16.45	16.52	18.0	0.0
100	16QAM	1	1	16.28	16.45	16.50	18.0	0.0
100	64QAM	1	1	16.35	16.45	16.50	18.0	0.0
100	256QAM	1	1	16.29	16.45	16.50	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.09	16.28	16.46	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.28	16.24	16.33	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.33	16.34	16.35	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.29	16.26	16.30	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.31	16.35	16.33	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.32	16.31	16.26	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.27	16.26	16.29	18.0	0.0

Part27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.05	16.57	16.45	18.0	0.0
100	QPSK	1	137	16.57	16.45	16.55		
100	QPSK	1	271	16.45	16.55	16.53		
100	QPSK	135	69	16.51	16.53	16.54	18.0	0.0
100	QPSK	135	138	16.48	16.53	16.55		
100	QPSK	270	0	16.50	16.50	16.52	18.0	0.0
100	16QAM	1	1	16.48	16.45	16.50	18.0	0.0
100	64QAM	1	1	16.45	16.45	16.50	18.0	0.0
100	256QAM	1	1	16.50	16.50	16.50	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.04	15.94	16.02	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.03	15.97	15.95	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.02	16.00	16.00	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.02	16.02	16.02	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	15.99	15.95	15.94	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	15.99	15.98	16.00	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	15.95	16.03	16.02	18.0	0.0

Par27Q n78_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	16.42	16.42	16.45	18.0	0.0
100	QPSK	1	137	16.56	16.45	16.53		
100	QPSK	1	271	16.45	16.53	16.54	18.0	0.0
100	QPSK	135	69	16.53	16.54	16.54		
100	QPSK	135	138	16.45	16.52	16.50	18.0	0.0
100	16QAM	1	1	16.45	16.45	16.50	18.0	0.0
100	64QAM	1	1	16.50	16.50	16.50	18.0	0.0
100	256QAM	1	1	16.54	16.54	16.54	18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	16.48	16.47	16.54	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	16.47	16.47	16.48	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	16.44	16.44	16.44	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	16.55	16.53	16.53	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	16.48	16.45	16.45	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	16.54	16.48	16.44	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	16.48	16.48	16.45	18.0	0.0

Part27O n78_Ant 7

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		14.63		17.0	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.28			
100	QPSK	120	0		15.26			
100	QPSK	135	69		15.31		17.0	0.0
100	QPSK	135	138		15.30			
100	QPSK	270	0		15.23			
100	16QAM	1	1		15.19			
100	16QAM	1	1		15.25		17.0	0.0
100	256QAM	1	1		15.23		17.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	62660	62000	620332	Tune-up limit	MPR
				3745.02	3750	3745.98	(dBm)	(dB)
50	QPSK	1	1	15.27	15.29	15.16	17.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	3740.01	3750	3750.99	Tune-up limit	MPR
				15.23	15.24	15.16	(dBm)	(dB)
80	QPSK	1	1	64666	64000	641334	Tune-up limit	MPR
				3750.02	3750	3750.98	(dBm)	(dB)
50	QPSK	1	1	15.25	15.22	15.17	17.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	648334	640000	641666	Tune-up limit	MPR
				3750.04	3750	3750.96	(dBm)	(dB)
50	QPSK	1	1	15.25	15.24	15.18	17.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	650000	650000	650000	Tune-up limit	MPR
				3750	3750	3750	(dBm)	(dB)
40	QPSK	1	1	15.23	15.24	15.14	17.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	647000	650000	650000	Tune-up limit	MPR
				3710.01	3750	3760.99	(dBm)	(dB)
20	QPSK	1	1	15.25	15.25	15.15	17.0	0.0

Par27Q n78_Ant 7

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		14.68		16.0	0.0
100	QPSK	1	137		14.63			
100	QPSK	1	271		14.49			
100	QPSK	120	0		14.55			
100	QPSK	135	69		14.55		16.0	0.0
100	QPSK	135	138		14.51			
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.52			
100	16QAM	1	1		14.47		16.0	0.0
100	256QAM	1	1		14.42		16.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	63300	633332	633666	Tune-up limit	MPR
				3690	3690.98	3694.99	(dBm)	(dB)
50	QPSK	1	1	14.55	14.51	14.54	16.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	3690.02	3690.98	3691	Tune-up limit	MPR
				14.53	14.54	14.49	(dBm)	(dB)
80	QPSK	1	1	640000	643332	646666	Tune-up limit	MPR
				3690	3690.98	3691.99	(dBm)	(dB)
80	QPSK	1	1	14.49	14.50	14.47	16.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	633666	633332	635000	Tune-up limit	MPR
				3690.99	3690.98	3694	(dBm)	(dB)
50	QPSK	1	1	14.52	14.48	14.50	16.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	641334	643332	645332	Tune-up limit	MPR
				3670.91	3690.98	3693.98	(dBm)	(dB)
40	QPSK	1	1	14.47	14.53	14.52	16.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	640000	643332	646666	Tune-up limit	MPR
				3690.98	3690.98	3694	(dBm)	(dB)
20	QPSK	1	1	14.49	14.54	14.53	16.0	0.0

Default Power for EN-DC LTE

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.54	23.58	23.68	23.63	23.66	24.5	0	
20	QPSK	1	49	23.51	23.45	23.66	23.62	23.65			
20	QPSK	1	99	23.50	23.44	23.61	23.53	23.52			
20	QPSK	50	0	22.81	22.62	22.82	22.76	22.80			
20	QPSK	50	24	22.76	22.57	22.80	22.76	22.76	23.5	1	
20	QPSK	50	50	22.78	22.52	22.78	22.73	22.74			
20	QPSK	100	0	22.72	22.58	22.96	22.85	22.77			
20	16QAM	1	0	22.72	22.52	22.77	22.75	23.09			
20	16QAM	1	49	22.76	22.58	22.81	22.85	22.98	23.5	1	
20	16QAM	1	99	22.77	22.73	22.82	22.91	22.78			
20	16QAM	50	0	21.69	21.52	21.80	21.83	22.10			
20	16QAM	50	24	21.74	21.55	21.80	21.86	21.99			
20	16QAM	50	50	21.80	21.62	21.83	21.88	21.91	22.5	2	
20	16QAM	100	0	21.72	21.57	21.79	21.86	21.97			
20	64QAM	1	0	21.44	21.22	21.49	21.46	21.78			
20	64QAM	1	49	21.46	21.28	21.52	21.57	21.68			
20	64QAM	1	99	21.45	21.42	21.53	21.63	21.47	22.5	2	
20	64QAM	50	0	20.85	20.49	20.77	20.81	21.08			
20	64QAM	50	24	20.71	20.52	20.77	20.86	20.97			
20	64QAM	50	50	20.77	20.59	20.78	20.84	20.88			
20	64QAM	100	0	20.69	20.56	20.75	20.83	20.96	21.5	3	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.45	23.44	23.56	23.52	23.53	24.5	0	
15	QPSK	1	37	23.43	23.31	23.61	23.50	23.53			
15	QPSK	1	74	23.40	23.30	23.47	23.47	23.40			
15	QPSK	36	0	22.71	22.55	22.71	22.73	22.71			
15	QPSK	36	20	22.67	22.46	22.73	22.64	22.64	23.5	1	
15	QPSK	36	39	22.65	22.43	22.64	22.65	22.69			
15	QPSK	75	0	22.58	22.51	22.93	22.77	22.66			
15	16QAM	1	0	22.64	22.38	22.63	22.61	23.02			
15	16QAM	1	37	22.85	22.51	22.76	22.78	22.86	23.5	1	
15	16QAM	1	74	22.85	22.65	22.77	22.84	22.71			
15	16QAM	36	0	21.61	21.42	21.65	21.73	22.05			
15	16QAM	36	20	21.69	21.43	21.68	21.74	21.93			
15	16QAM	36	39	21.69	21.49	21.73	21.83	21.79	22.5	2	
15	16QAM	75	0	21.60	21.49	21.64	21.75	21.83			
15	64QAM	1	0	21.35	21.16	21.38	21.41	21.73			
15	64QAM	1	37	21.32	21.19	21.42	21.46	21.59			
15	64QAM	1	74	21.35	21.34	21.48	21.51	21.41	21.5	3	
15	64QAM	36	0	20.59	20.34	20.69	20.68	21.00			
15	64QAM	36	20	20.59	20.42	20.66	20.74	20.90			
15	64QAM	36	39	20.66	20.46	20.69	20.72	20.74			
15	64QAM	75	0	20.54	20.46	20.70	20.72	20.84	Tune-up limit (dBm)	MPR (dB)	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.40	23.47	23.58	23.57	23.55	24.5	0	
10	QPSK	1	25	23.40	23.32	23.61	23.52	23.60			
10	QPSK	1	49	23.43	23.35	23.46	23.43	23.46			
10	QPSK	25	0	22.66	22.49	22.75	22.71	22.73			
10	QPSK	25	12	22.65	22.42	22.71	22.69	22.69	23.5	1	
10	QPSK	25	25	22.70	22.39	22.65	22.64	22.63			
10	QPSK	50	0	22.61	22.50	22.80	22.79	22.82			
10	16QAM	1	0	22.57	22.47	22.69	22.60	23.02			
10	16QAM	1	25	22.69	22.48	22.66	22.78	22.93	23.5	1	
10	16QAM	1	49	22.71	22.62	22.75	22.84	22.73			
10	16QAM	25	0	21.57	21.44	21.71	21.75	21.97			
10	16QAM	25	12	21.63	21.49	21.72	21.83	21.84			
10	16QAM	25	25	21.75	21.55	21.75	21.75	21.80	22.5	2	
10	16QAM	50	0	21.64	21.52	21.67	21.79	21.87			
10	64QAM	1	0	21.36	21.12	21.41	21.38	21.72			
10	64QAM	1	25	21.34	21.17	21.39	21.43	21.62			
10	64QAM	1	49	21.37	21.33	21.45	21.57	21.34	21.5	3	
10	64QAM	25	0	20.54	20.39	20.65	20.70	20.94			
10	64QAM	25	12	20.66	20.41	20.67	20.75	20.82			
10	64QAM	25	25	20.66	20.48	20.71	20.73	20.81			
10	64QAM	50	0	20.57	20.45	20.67	20.70	20.89	Tune-up limit (dBm)	MPR (dB)	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	23.48	23.44	23.55	23.55	23.58	24.5	0	
5	QPSK	1	12	23.46	23.30	23.52	23.52	23.55			
5	QPSK	1	24	23.41	23.39	23.52	23.45	23.46			
5	QPSK	12	0	22.72	22.53	22.74	22.72	22.66			
5	QPSK	12	7	22.69	22.48	22.72	22.62	22.65	23.5	1	
5	QPSK	12	13	22.64	22.41	22.73	22.66	22.65			
5	QPSK	25	0	22.64	22.46	22.90	22.80	22.71			
5	16QAM	1	0	22.59	22.41	22.69	22.66	22.94			
5	16QAM	1	12	22.61	22.51	22.72	22.79	22.85	23.5	1	
5	16QAM	1	24	22.70	22.65	22.76	22.77	22.69			
5	16QAM	12	0	21.62	21.38	21.68	21.73	22.02			
5	16QAM	12	7	21.67	21.45	21.75	21.79	21.88			
5	16QAM	12	13	21.69	21.51	21.77	21.78	21.76	22.5	2	
5	16QAM	25	0	21.64	21.47	21.66	21.73	21.92			
5	64QAM	1	0	21.30	21.10	21.43	21.35	21.73			
5	64QAM	1	12	21.32	21.22	21.37	21.51	21.54			
5	64QAM	1	24	21.33	21.34	21.46	21.49	21.36	22.5	2	
5	64QAM	12	0	20.59	20.38	20.72	20.75	20.95			
5	64QAM	12	7	20.57	20.38	20.63	20.78	20.86			
5	64QAM	12	13	20.68	20.48	20.67	20.73	20.77			
5	64QAM	25	0	20.58	20.51	20.68	20.72	20.83	Tune-up limit (dBm)	MPR (dB)	

Band 41_Ant 2														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	24.72	24.66	24.75	24.45	24.74	25.7	0				
20	QPSK	1	49	24.71	24.64	24.74	24.43	24.71						
20	QPSK	1	99	24.69	24.65	24.68	24.44	24.72						
20	QPSK	50	0	23.67	23.50	23.93	23.69	23.92						
20	QPSK	50	24	23.63	23.89	23.89	23.67	23.91	24.7	1				
20	QPSK	50	50	23.85	23.67	23.89	23.66	23.88						
20	QPSK	100	0	23.85	23.81	23.87	23.67	23.84						
20	16QAM	1	0	24.16	23.86	23.93	23.58	24.06						
20	16QAM	1	49	24.18	23.88	23.92	23.67	24.08	24.7	1				
20	16QAM	1	99	24.14	24.02	23.84	23.72	24.00						
20	16QAM	50	0	23.11	22.84	22.92	22.68	23.10						
20	16QAM	50	24	23.15	22.98	22.97	22.67	23.08						
20	16QAM	50	50	23.22	22.94	22.87	22.66	23.05	23.7	2				
20	16QAM	100	0	23.14	22.90	22.87	22.67	23.07						
20	64QAM	1	0	22.88	22.56	22.64	22.30	22.76						
20	64QAM	1	49	22.92	22.60	22.62	22.38	22.78						
20	64QAM	1	99	22.84	22.71	22.53	22.43	22.71	23.7	2				
20	64QAM	50	0	22.09	21.80	21.90	21.86	22.06						
20	64QAM	50	12	22.12	21.88	21.87	21.62	22.05						
20	64QAM	50	50	22.16	21.90	21.85	21.63	22.06						
20	64QAM	100	0	22.13	21.89	21.87	21.65	22.04	22.7	3				
Channel				39725	40173	40620	41068	41515				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	24.59	24.51	24.67	24.30	24.65				25.7	0	
15	QPSK	1	37	24.59	24.54	24.62	24.29	24.56						
15	QPSK	1	74	24.58	24.5	24.61	24.37	24.61						
15	QPSK	36	0	23.74	23.81	23.87	23.63	23.79						
15	QPSK	36	20	23.77	23.82	23.77	23.60	23.79	24.7	1				
15	QPSK	36	39	23.76	23.82	23.81	23.59	23.82						
15	QPSK	75	0	23.80	23.75	23.74	23.62	23.79						
15	16QAM	1	0	24.07	23.72	23.78	23.43	23.98						
15	16QAM	1	37	24.09	23.74	23.84	23.53	23.93	24.7	1				
15	16QAM	1	74	24.08	23.73	23.83	23.45	23.95						
15	16QAM	36	0	23.03	22.89	22.77	22.61	23.00						
15	16QAM	36	20	23.01	22.76	22.85	22.64	23.02						
15	16QAM	36	39	23.09	22.87	22.73	22.61	22.91	23.7	2				
15	16QAM	75	0	23.04	22.81	22.81	22.57	23.02						
15	64QAM	1	0	22.77	22.51	22.52	22.16	22.71						
15	64QAM	1	37	22.87	22.51	22.49	22.31	22.64						
15	64QAM	1	74	22.79	22.62	22.62	22.34	22.61	23.7	2				
15	64QAM	36	0	21.99	21.69	21.80	21.53	21.97						
15	64QAM	36	20	22.07	21.81	21.82	21.69	21.99						
15	64QAM	36	39	22.06	21.77	21.72	21.53	21.88						
15	64QAM	75	0	21.98	21.77	21.81	21.52	21.98	22.7	3				
Channel				39700	40160	40620	41080	41540				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	24.60	24.61	24.63	24.38	24.60				25.7	0	
10	QPSK	1	25	24.57	24.54	24.63	24.34	24.56						
10	QPSK	1	49	24.61	24.53	24.56	24.29	24.62						
10	QPSK	25	0	23.81	23.82	23.78	23.56	23.82						
10	QPSK	25	12	23.76	23.80	23.79	23.53	23.77	24.7	1				
10	QPSK	25	25	23.75	23.77	23.82	23.59	23.80						
10	QPSK	50	0	23.78	23.71	23.77	23.58	23.70						
10	16QAM	1	0	24.02	23.73	23.83	23.45	23.93						
10	16QAM	1	25	24.09	23.89	23.80	23.62	23.99	24.7	1				
10	16QAM	1	49	24.09	23.89	23.73	23.64	23.90						
10	16QAM	25	0	23.01	22.72	22.79	22.53	23.05						
10	16QAM	25	12	23.08	22.77	22.85	22.66	22.94						
10	16QAM	25	25	23.14	22.82	22.72	22.55	22.99	23.7	2				
10	16QAM	50	0	23.06	22.83	22.81	22.61	22.94						
10	64QAM	1	0	22.74	22.47	22.54	22.15	22.67						
10	64QAM	1	25	22.82	22.52	22.52	22.27	22.66						
10	64QAM	1	49	22.69	22.56	22.38	22.33	22.62	23.7	2				
10	64QAM	25	0	21.94	21.66	21.75	21.56	21.99						
10	64QAM	25	12	22.00	21.81	21.72	21.54	21.93						
10	64QAM	25	25	22.02	21.76	21.74	21.50	21.93						
10	64QAM	50	0	21.98	21.76	21.75	21.47	21.96	22.7	3				
Channel				39675	40145	40620	41063	41565				Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2697.5						
5	QPSK	1	0	24.58	24.58	24.67	24.40	24.67				25.7	0	
5	QPSK	1	12	24.62	24.57	24.63	24.38	24.58						
5	QPSK	1	24	24.58	24.58	24.55	24.35	24.67						
5	QPSK	12	0	23.77	23.82	23.76	23.61	23.80						
5	QPSK	12	7	23.78	23.78	23.78	23.54	23.80	24.7	1				
5	QPSK	12	13	23.70	23.80	23.76	23.35	23.82						
5	QPSK	25	0	23.72	23.72	23.74	23.57	23.78						
5	16QAM	1	0	24.02	23.77	23.88	23.53	23.98						
5	16QAM	1	12	24.10	23.81	23.81	23.62	23.94	24.7	1				
5	16QAM	1	24	24.01	23.90	23.72	23.58	23.87						
5	16QAM	12	0	22.99	22.77	22.83	22.53	22.99						
5	16QAM	12	13	23.00	22.81	22.79	22.63	22.93						
5	16QAM	12	14	23.04	22.84	22.75	22.53	22.96	23.7	2				
5	16QAM	25	0	23.01	22.80	22.80	22.53	22.95						
5	64QAM	1	0	22.84	22.50	22.53	22.17	22.61						
5	64QAM	1	12	22.79	22.55	22.51	22.23	22.67						
5	64QAM	1	24	22.74	22.65	22.38	22.35	22.60	23.7	2				
5	64QAM	12	0	21.97	21.75	21.82	21.52	22.00						
5	64QAM	12	8	21.99	21.72	21.75	21.47	21.97						
5	64QAM	12	13	22.04	21.83	21.78	21.56	21.86						
5	64QAM	25	0	22.00	21.78	21.80	21.54	21.91	22.7	3				

Band 41_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.47	23.47	23.63	23.55	23.60	24.5	0			
20	QPSK	1	49	23.41	23.33	23.58	23.51	23.51					
20	QPSK	1	99	23.42	23.24	23.53	23.45	23.39					
20	QPSK	50	0	22.76	22.51	22.78	22.76	22.74					
20	QPSK	50	24	22.68	22.47	22.72	22.74	22.73	23.5	1			
20	QPSK	50	50	22.57	22.44	22.77	22.70	22.70					
20	QPSK	100	0	22.84	22.49	22.75	22.72	22.71					
20	16QAM	1	0	22.64	22.43	22.70	22.67	22.94					
20	16QAM	1	49	22.70	22.47	22.75	22.75	22.85	23.5	1			
20	16QAM	1	99	22.66	22.63	22.77	22.81	22.66					
20	16QAM	50	0	21.62	21.43	21.72	21.75	21.93					
20	16QAM	50	24	21.66	21.47	21.73	21.82	21.83					
20	16QAM	50	50	21.75	21.54	21.77	21.78	21.76	22.5	2			
20	16QAM	100	0	21.66	21.50	21.73	21.75	21.85					
20	64QAM	1	0	21.37	21.11	21.39	21.38	21.64					
20	64QAM	1	49	21.40	21.17	21.43	21.50	21.56					
20	64QAM	1	99	21.38	21.33	21.45	21.51	21.37	22.5	2			
20	64QAM	50	0	20.58	20.41	20.70	20.72	20.91					
20	64QAM	50	24	20.63	20.44	20.70	20.78	20.81					
20	64QAM	50	50	20.70	20.49	20.73	20.75	20.74					
20	64QAM	100	0	20.62	20.48	20.69	20.74	20.81	21.5	3			
Channel				39725	40173	40620	41068	41515					
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.36	23.42	23.56	23.46	23.47	24.5	0			
15	QPSK	1	37	23.27	23.22	23.46	23.43	23.36					
15	QPSK	1	74	23.31	23.15	23.41	23.34	23.26					
15	QPSK	36	0	22.68	22.46	22.73	22.70	22.63					
15	QPSK	36	20	22.59	22.39	22.61	22.68	22.67	23.5	1			
15	QPSK	36	39	22.44	22.29	22.67	22.55	22.55					
15	QPSK	75	0	22.53	22.38	22.70	22.62	22.63					
15	16QAM	1	0	22.54	22.29	22.58	22.55	22.80					
15	16QAM	1	37	22.56	22.34	22.61	22.70	22.74	23.5	1			
15	16QAM	1	74	22.58	22.51	22.65	22.72	22.54					
15	16QAM	36	0	21.50	21.32	21.64	21.65	21.85					
15	16QAM	36	20	21.53	21.39	21.61	21.74	21.78					
15	16QAM	36	39	21.69	21.40	21.67	21.69	21.70	22.5	2			
15	16QAM	75	0	21.54	21.43	21.62	21.61	21.73					
15	64QAM	1	0	21.27	21.09	21.30	21.33	21.49					
15	64QAM	1	37	21.30	21.07	21.32	21.43	21.43					
15	64QAM	1	74	21.23	21.21	21.38	21.39	21.23	22.5	2			
15	64QAM	36	0	20.52	20.28	20.55	20.65	20.77					
15	64QAM	36	20	20.53	20.31	20.63	20.72	20.68					
15	64QAM	36	39	20.65	20.41	20.65	20.66	20.65					
15	64QAM	75	0	20.47	20.36	20.63	20.68	20.66	21.5	3			
Channel				39700	40160	40620	41080	41540					
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	23.36	23.38	23.48	23.50	23.47	24.5	0			
10	QPSK	1	25	23.38	23.25	23.48	23.46	23.38					
10	QPSK	1	49	23.37	23.10	23.39	23.32	23.26					
10	QPSK	25	0	22.61	22.46	22.64	22.69	22.64					
10	QPSK	25	12	22.63	22.32	22.59	22.66	22.62	23.5	1			
10	QPSK	25	25	22.42	22.36	22.67	22.59	22.59					
10	QPSK	50	0	22.53	22.40	22.67	22.60	22.61					
10	16QAM	1	0	22.56	22.38	22.57	22.57	22.83					
10	16QAM	1	25	22.60	22.38	22.60	22.69	22.78	23.5	1			
10	16QAM	1	49	22.57	22.57	22.67	22.68	22.59					
10	16QAM	25	0	21.47	21.28	21.57	21.69	21.88					
10	16QAM	25	12	21.56	21.35	21.68	21.69	21.71					
10	16QAM	25	25	21.62	21.46	21.71	21.71	21.64	22.5	2			
10	16QAM	50	0	21.58	21.41	21.62	21.69	21.74					
10	64QAM	1	0	21.29	20.97	21.27	21.26	21.57					
10	64QAM	1	25	21.26	21.02	21.32	21.38	21.48					
10	64QAM	1	49	21.32	21.19	21.36	21.37	21.31	21.5	3			
10	64QAM	25	0	20.50	20.34	20.59	20.63	20.62					
10	64QAM	25	12	20.40	20.36	20.59	20.65	20.71					
10	64QAM	25	25	20.58	20.41	20.65	20.62	20.61					
10	64QAM	50	0	20.47	20.38	20.61	20.69	20.74	21.5	3			
Channel				39675	40148	40620	41093	41565					
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	23.36	23.41	23.54	23.42	23.52	24.5	0			
5	QPSK	1	12	23.34	23.28	23.48	23.39	23.40					
5	QPSK	1	24	23.27	23.10	23.47	23.31	23.25					
5	QPSK	12	0	22.64	22.45	22.69	22.66	22.63					
5	QPSK	12	7	22.60	22.33	22.65	22.60	22.66	23.5	1			
5	QPSK	12	13	22.42	22.36	22.62	22.57	22.56					
5	QPSK	25	0	22.57	22.34	22.64	22.64	22.65					
5	16QAM	1	0	22.56	22.29	22.64	22.53	22.85					
5	16QAM	1	12	22.57	22.41	22.70	22.68	22.70	23.5	1			
5	16QAM	1	24	22.54	22.58	22.72	22.75	22.59					
5	16QAM	12	0	21.51	21.34	21.59	21.65	21.80					
5	16QAM	12	7	21.61	21.38	21.64	21.70	21.72					
5	16QAM	12	13	21.68	21.42	21.62	21.65	21.69	22.5	2			
5	16QAM	25	0	21.59	21.45	21.59	21.70	21.78					
5	64QAM	1	0	21.27	20.97	21.26	21.24	21.59					
5	64QAM	1	12	21.26	21.11	21.26	21.44	21.46					
5	64QAM	1	24	21.32	21.24	21.36	21.36	21.30	22.5	2			
5	64QAM	12	0	20.53	20.32	20.55	20.58	20.78					
5	64QAM	12	7	20.53	20.37	20.61	20.59	20.68	21.5	3			
5	64QAM	12	13	20.54	20.38	20.63	20.69	20.61					
5	64QAM	25	0	20.95	20.39	20.58	20.67	20.75					

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Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low-Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High-Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	17.57	17.60	17.63	17.61	17.55	18.5	0	
20	QPSK	1	49	17.49	17.54	17.61	17.60	17.52			
20	QPSK	1	99	17.47	17.48	17.61	17.55	17.53			
20	QPSK	50	0	17.46	17.49	17.61	17.54	17.53			
20	QPSK	50	24	17.39	17.39	17.48	17.53	17.51	18.5	0	
20	QPSK	50	50	17.42	17.43	17.50	17.53	17.42			
20	QPSK	100	0	17.35	17.36	17.52	17.48	17.41			
20	16QAM	1	0	17.37	17.47	17.52	17.48	17.52			
20	16QAM	1	49	17.33	17.38	17.60	17.45	17.41	18.5	0	
20	16QAM	1	99	17.40	17.39	17.52	17.51	17.48			
20	16QAM	50	0	17.34	17.44	17.50	17.52	17.49			
20	16QAM	50	24	17.44	17.47	17.52	17.44	17.48			
20	16QAM	50	50	17.38	17.45	17.55	17.47	17.49	18.5	0	
20	16QAM	100	0	17.33	17.43	17.53	17.46	17.50			
20	64QAM	1	0	17.42	17.46	17.49	17.47	17.49			
20	64QAM	1	49	17.45	17.47	17.54	17.44	17.52			
20	64QAM	1	99	17.35	17.40	17.51	17.45	17.43	18.5	0	
20	64QAM	50	0	17.41	17.40	17.58	17.53	17.40			
20	64QAM	50	24	17.44	17.47	17.52	17.44	17.48			
20	64QAM	50	50	17.37	17.37	17.59	17.44	17.46			
20	64QAM	100	0	17.40	17.39	17.49	17.50	17.45	18.5	0	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	17.61	17.56	17.54	17.58	17.61	18.5	0	
15	QPSK	1	37	17.59	17.54	17.55	17.55	17.58			
15	QPSK	1	74	17.51	17.53	17.58	17.53	17.52			
15	QPSK	36	0	17.59	17.53	17.55	17.58	17.51			
15	QPSK	36	20	17.39	17.46	17.43	17.39	17.46	18.5	0	
15	QPSK	36	39	17.46	17.42	17.46	17.49	17.42			
15	QPSK	75	0	17.47	17.51	17.51	17.43	17.50			
15	16QAM	1	0	17.42	17.50	17.50	17.45	17.50			
15	16QAM	1	37	17.54	17.55	17.53	17.50	17.56	18.5	0	
15	16QAM	1	74	17.49	17.51	17.45	17.43	17.47			
15	16QAM	36	0	17.41	17.43	17.42	17.46	17.49			
15	16QAM	36	20	17.54	17.51	17.51	17.54	17.54			
15	16QAM	36	39	17.51	17.54	17.53	17.51	17.45	18.5	0	
15	16QAM	75	0	17.49	17.49	17.46	17.51	17.47			
15	64QAM	1	0	17.39	17.41	17.47	17.44	17.40			
15	64QAM	1	37	17.50	17.50	17.49	17.53	17.48			
15	64QAM	1	74	17.50	17.49	17.46	17.48	17.43	18.5	0	
15	64QAM	36	0	17.50	17.57	17.57	17.53	17.51			
15	64QAM	36	20	17.47	17.44	17.51	17.46	17.42			
15	64QAM	36	39	17.57	17.52	17.55	17.49	17.53			
15	64QAM	75	0	17.46	17.48	17.40	17.46	17.40	18.5	0	
Channel				39700	40160	40620	41060	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	17.59	17.58	17.58	17.53	17.55	18.5	0	
10	QPSK	1	25	17.55	17.59	17.55	17.52	17.59			
10	QPSK	1	49	17.59	17.55	17.51	17.56	17.60			
10	QPSK	25	0	17.57	17.53	17.52	17.57	17.56			
10	QPSK	25	12	17.45	17.39	17.39	17.47	17.42	18.5	0	
10	QPSK	25	25	17.46	17.44	17.40	17.43	17.47			
10	QPSK	50	0	17.47	17.43	17.51	17.50	17.47			
10	16QAM	1	0	17.46	17.44	17.47	17.46	17.48			
10	16QAM	1	25	17.56	17.56	17.58	17.58	17.54	18.5	0	
10	16QAM	1	49	17.46	17.50	17.42	17.49	17.45			
10	16QAM	25	0	17.45	17.42	17.43	17.40	17.47			
10	16QAM	25	12	17.53	17.56	17.55	17.56	17.55			
10	16QAM	25	25	17.45	17.48	17.54	17.50	17.53	18.5	0	
10	16QAM	50	0	17.46	17.48	17.50	17.48	17.47			
10	64QAM	1	0	17.44	17.42	17.43	17.43	17.46			
10	64QAM	1	25	17.47	17.51	17.49	17.48	17.45			
10	64QAM	1	49	17.43	17.43	17.42	17.42	17.42	18.5	0	
10	64QAM	25	0	17.55	17.52	17.52	17.53	17.48			
10	64QAM	25	12	17.50	17.46	17.51	17.43	17.49			
10	64QAM	25	25	17.53	17.53	17.57	17.50	17.57			
10	64QAM	50	0	17.40	17.48	17.39	17.40	17.44	18.5	0	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5			
5	QPSK	1	0	17.54	17.60	17.56	17.59	17.56	18.5	0	
5	QPSK	1	12	17.58	17.53	17.51	17.52	17.56			
5	QPSK	1	24	17.56	17.58	17.56	17.55	17.51			
5	QPSK	12	0	17.56	17.57	17.60	17.51	17.60			
5	QPSK	12	7	17.40	17.46	17.45	17.40	17.40	18.5	0	
5	QPSK	12	13	17.43	17.42	17.43	17.45	17.42			
5	QPSK	25	0	17.44	17.43	17.49	17.47	17.44			
5	16QAM	1	0	17.42	17.47	17.44	17.42	17.50			
5	16QAM	1	12	17.52	17.52	17.55	17.57	17.59	18.5	0	
5	16QAM	1	24	17.48	17.45	17.47	17.50	17.47			
5	16QAM	12	0	17.44	17.41	17.40	17.43	17.45			
5	16QAM	12	7	17.55	17.51	17.58	17.55	17.51			
5	16QAM	12	13	17.50	17.51	17.49	17.51	17.47	18.5	0	
5	16QAM	25	0	17.52	17.45	17.48	17.50	17.51			
5	64QAM	1	0	17.42	17.43	17.45	17.47	17.44			
5	64QAM	1	12	17.53	17.48	17.51	17.53	17.52			
5	64QAM	1	24	17.46	17.43	17.44	17.46	17.46	18.5	0	
5	64QAM	12	0	17.51	17.53	17.51	17.49	17.54			
5	64QAM	12	7	17.45	17.43	17.44	17.43	17.42			
5	64QAM	12	13	17.53	17.56	17.54	17.49	17.51			
5	64QAM	25	0	17.40	17.46	17.46	17.49	17.41	18.5	0	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	17.57	17.60	17.63	17.61	17.55	18.5	0	
20	QPSK	1	49	17.49	17.54	17.61	17.60	17.52			
20	QPSK	1	99	17.47	17.48	17.61	17.55	17.53			
20	QPSK	50	0	17.46	17.49	17.61	17.54	17.53			
20	QPSK	50	24	17.39	17.39	17.48	17.53	17.51	18.5	0	
20	QPSK	50	50	17.42	17.43	17.50	17.53	17.42			
20	QPSK	100	0	17.35	17.36	17.52	17.48	17.41			
20	16QAM	1	0	17.37	17.47	17.52	17.48	17.52			
20	16QAM	1	49	17.33	17.38	17.60	17.45	17.41	18.5	0	
20	16QAM	1	99	17.40	17.39	17.52	17.51	17.48			
20	16QAM	50	0	17.34	17.44	17.50	17.52	17.49			
20	16QAM	50	24	17.44	17.47	17.52	17.44	17.48			
20	16QAM	50	50	17.38	17.45	17.55	17.47	17.49	18.5	0	
20	16QAM	100	0	17.33	17.43	17.53	17.46	17.50			
20	64QAM	1	0	17.42	17.46	17.49	17.47	17.49			
20	64QAM	1	49	17.45	17.47	17.54	17.44	17.52			
20	64QAM	1	99	17.35	17.40	17.51	17.45	17.43	18.5	0	
20	64QAM	50	0	17.41	17.40	17.58	17.53	17.40			
20	64QAM	50	24	17.44	17.47	17.52	17.44	17.48			
20	64QAM	50	50	17.37	17.37	17.59	17.44	17.46			
20	64QAM	100	0	17.40	17.39	17.49	17.50	17.45	18.5	0	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	17.61	17.56	17.54	17.58	17.61	18.5	0	
15	QPSK	1	37	17.59	17.54	17.55	17.55	17.58			
15	QPSK	1	74	17.51	17.53	17.58	17.53	17.52			
15	QPSK	36	0	17.59	17.53	17.55	17.58	17.51			
15	QPSK	36	20	17.39	17.46	17.43	17.39	17.46	18.5	0	
15	QPSK	36	39	17.46	17.42	17.46	17.49	17.42			
15	QPSK	75	0	17.47	17.51	17.51	17.43	17.50			
15	16QAM	1	0	17.42	17.50	17.50	17.45	17.50			
15	16QAM	1	37	17.54	17.55	17.53	17.50	17.56	18.5	0	
15	16QAM	1	74	17.49	17.51	17.45	17.43	17.47			
15	16QAM	36	0	17.41	17.43	17.42	17.46	17.49			
15	16QAM	36	20	17.54	17.51	17.51	17.54	17.54			
15	16QAM	36	39	17.51	17.54	17.53	17.51	17.45	18.5	0	
15	16QAM	75	0	17.49	17.49	17.46	17.51	17.47			
15	64QAM	1	0	17.39	17.41	17.47	17.44	17.40			
15	64QAM	1	37	17.50	17.50	17.49	17.53	17.48			
15	64QAM	1	74	17.50	17.49	17.46	17.48	17.43	18.5	0	
15	64QAM	36	0	17.50	17.57	17.57	17.53	17.51			
15	64QAM	36	20	17.47	17.44	17.51	17.46	17.42			
15	64QAM	36	39	17.57	17.52	17.55	17.49	17.53			
15	64QAM	75	0	17.45	17.48	17.40	17.46	17.40	18.5	0	
Channel				39700	40160	40620	41060	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	17.59	17.58	17.58	17.53	17.55	18.5	0	
10	QPSK	1	25	17.55	17.59	17.55	17.52	1			

Band 41_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40145	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	19.10	19.01	19.11	19.08	19.03	20	0		
20	QPSK	1	49	18.99	18.91	19.02	19.04	18.91				
20	QPSK	1	99	19.05	18.92	19.03	19.03	18.95				
20	QPSK	50	0	18.97	18.99	19.03	19.01	18.91				
20	QPSK	50	24	18.95	18.87	18.98	18.99	18.91	20	0		
20	QPSK	50	50	18.95	18.97	18.97	18.93	18.86				
20	QPSK	100	0	18.94	18.95	18.97	18.97	18.94				
20	16QAM	1	0	18.84	18.91	18.97	18.89	18.80				
20	16QAM	1	49	18.92	18.94	19.01	18.89	18.80	20	0		
20	16QAM	1	99	18.89	18.97	18.93	18.90	18.88				
20	16QAM	50	0	18.90	18.96	18.95	18.91	18.84				
20	16QAM	50	24	18.95	18.92	18.96	18.95	18.86				
20	16QAM	50	50	18.87	18.95	19.00	18.93	18.82	20	0		
20	16QAM	100	0	18.92	18.87	18.92	18.98	18.86				
20	64QAM	1	0	18.95	18.88	18.99	18.88	18.79				
20	64QAM	1	49	18.86	18.88	18.94	18.94	18.86				
20	64QAM	1	99	18.92	18.92	18.98	18.89	18.89	20	0		
20	64QAM	50	0	18.91	18.89	18.95	18.94	18.90				
20	64QAM	50	24	18.92	18.92	18.91	18.99	18.92				
20	64QAM	50	50	18.94	18.86	18.98	18.92	18.82				
20	64QAM	100	0	18.84	18.96	18.98	18.88	18.89	20	0		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	19.03	19.07	19.05	19.05	19.05	20	0		
15	QPSK	1	37	19.01	19.00	19.01	18.95	18.93				
15	QPSK	1	74	18.99	18.93	18.91	18.93	19.00				
15	QPSK	36	0	18.95	18.99	19.01	18.93	18.97				
15	QPSK	36	20	18.90	18.95	18.92	18.88	18.94	20	0		
15	QPSK	36	39	18.93	18.93	18.91	18.89	18.89				
15	QPSK	75	0	18.87	18.90	18.88	18.91	18.88				
15	16QAM	1	0	18.94	18.96	18.91	18.93	18.88				
15	16QAM	1	37	18.91	18.91	18.99	18.94	18.95	20	0		
15	16QAM	1	74	18.91	18.85	18.93	18.91	18.90				
15	16QAM	36	0	18.90	18.89	18.93	18.89	18.90				
15	16QAM	36	20	18.91	18.90	18.93	18.89	18.89				
15	16QAM	36	39	18.94	18.94	18.90	18.90	18.99	20	0		
15	16QAM	75	0	18.88	18.83	18.82	18.85	18.89				
15	64QAM	1	0	18.94	18.96	18.93	18.92	18.89				
15	64QAM	1	37	18.87	18.88	18.97	18.91	18.90				
15	64QAM	1	74	18.90	18.96	18.92	18.96	18.89	20	0		
15	64QAM	36	0	18.89	18.93	18.88	18.93	18.86				
15	64QAM	36	20	18.82	18.85	18.88	18.83	18.85				
15	64QAM	36	39	18.95	18.88	18.97	18.96	18.90				
15	64QAM	75	0	18.97	18.95	18.96	18.95	18.93	20	0		
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	19.07	19.06	19.10	19.07	19.10	20	0		
10	QPSK	1	25	18.95	18.92	19.00	18.99	18.95				
10	QPSK	1	49	18.98	19.00	19.02	18.93	18.98				
10	QPSK	25	0	18.94	18.94	19.00	18.95	18.98				
10	QPSK	25	12	18.93	18.90	18.92	18.97	18.91	20	0		
10	QPSK	25	25	18.96	18.94	18.96	18.91	18.93				
10	QPSK	50	0	18.94	18.92	18.94	18.96	18.89				
10	16QAM	1	0	18.91	18.87	18.92	18.93	18.95				
10	16QAM	1	25	18.92	18.96	19.00	18.97	18.97	20	0		
10	16QAM	1	49	18.85	18.88	18.86	18.89	18.89				
10	16QAM	25	0	18.87	18.91	18.86	18.94	18.91				
10	16QAM	25	12	18.95	18.93	18.89	18.90	18.94				
10	16QAM	25	25	18.94	18.99	18.98	18.96	18.96	20	0		
10	16QAM	50	0	18.87	18.86	18.91	18.83	18.89				
10	64QAM	1	0	18.96	18.91	18.95	18.97	18.94				
10	64QAM	1	25	18.91	18.89	18.92	18.85	18.85				
10	64QAM	1	49	18.88	18.88	18.89	18.91	18.91	20	0		
10	64QAM	25	0	18.85	18.90	18.88	18.87	18.92				
10	64QAM	25	12	18.90	18.87	18.87	18.90	18.81				
10	64QAM	25	25	18.93	18.91	18.93	18.89	18.91				
10	64QAM	50	0	18.90	18.91	18.89	18.90	18.88	20	0		
Channel				39675	40148	40620	41093	41565				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	19.10	19.04	19.07	19.05	19.04	20	0		
5	QPSK	1	12	19.01	18.94	19.00	18.93	19.01				
5	QPSK	1	24	18.98	19.00	18.99	19.00	18.99				
5	QPSK	12	0	18.98	18.99	18.94	18.99	19.02				
5	QPSK	12	7	18.97	18.93	18.94	18.96	18.88	20	0		
5	QPSK	12	13	18.91	18.94	18.95	18.87	18.87				
5	QPSK	25	0	18.88	18.96	18.91	18.95	18.92				
5	16QAM	1	0	18.89	18.93	18.95	18.91	18.94				
5	16QAM	1	12	18.99	18.98	18.96	19.00	18.92	20	0		
5	16QAM	1	24	18.85	18.90	18.91	18.85	18.91				
5	16QAM	12	0	18.85	18.91	18.88	18.87	18.86				
5	16QAM	12	7	18.95	18.90	18.88	18.90	18.89				
5	16QAM	12	13	18.97	18.92	18.95	18.98	18.93	20	0		
5	16QAM	25	0	18.82	18.86	18.86	18.89	18.86				
5	64QAM	1	0	18.91	18.90	18.93	18.92	18.91				
5	64QAM	1	12	18.90	18.85	18.89	18.86	18.88				
5	64QAM	1	24	18.92	18.96	18.89	18.89	18.97	20	0		
5	64QAM	12	0	18.87	18.94	18.90	18.86	18.92				
5	64QAM	12	7	18.83	18.89	18.86	18.88	18.88				
5	64QAM	12	13	18.93	18.95	18.97	18.96	18.88				
5	64QAM	25	0	18.91	18.92	18.89	18.91	18.97	20	0		

Band 41_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	18.30	18.34	18.42	18.40	18.32				
20	QPSK	1	49	18.30	18.24	18.29	18.29	18.20	19.2	0		
20	QPSK	1	99	18.24	18.26	18.28	18.28	18.27				
20	QPSK	50	0	18.29	18.25	18.31	18.29	18.24				
20	QPSK	50	24	18.25	18.23	18.26	18.25	18.17	19.2	0		
20	QPSK	50	50	18.26	18.28	18.17	18.28	18.15				
20	QPSK	100	0	18.20	18.13	18.25	18.18	18.23				
20	16QAM	1	0	18.18	18.23	18.25	18.16	18.18				
20	16QAM	1	49	18.24	18.23	18.19	18.23	18.15	19.2	0		
20	16QAM	1	99	18.28	18.21	18.22	18.24	18.13				
20	16QAM	50	0	18.17	18.20	18.19	18.16	18.15				
20	16QAM	50	24	18.16	18.19	18.19	18.16	18.12	19.2	0		
20	16QAM	50	50	18.18	18.13	18.27	18.17	18.11				
20	16QAM	100	0	18.20	18.13	18.21	18.22	18.12				
20	64QAM	1	0	18.21	18.14	18.19	18.26	18.22				
20	64QAM	1	49	18.21	18.22	18.30	18.19	18.18	19.2	0		
20	64QAM	1	99	18.22	18.12	18.21	18.21	18.18				
20	64QAM	50	0	18.25	18.20	18.24	18.22	18.14				
20	64QAM	50	24	18.20	18.15	18.23	18.28	18.19	19.2	0		
20	64QAM	50	50	18.27	18.22	18.24	18.22	18.18				
20	64QAM	100	0	18.19	18.13	18.28	18.20	18.16				
Channel				39725 <th>40173<th>40620<th>41068<th>41515</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th></th>	40173 <th>40620<th>41068<th>41515</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	40620 <th>41068<th>41515</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	41068 <th>41515</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505.5 <th>2548.3<th>2593<th>2637.8<th>2682.5</th><th></th><th></th><th colspan="2"></th></th></th></th>	2548.3 <th>2593<th>2637.8<th>2682.5</th><th></th><th></th><th colspan="2"></th></th></th>	2593 <th>2637.8<th>2682.5</th><th></th><th></th><th colspan="2"></th></th>	2637.8 <th>2682.5</th> <th></th> <th></th> <th colspan="2"></th>	2682.5				
15	QPSK	1	0	18.32	18.41	18.36	18.34	18.37	19.2	0		
15	QPSK	1	37	18.21	18.25	18.24	18.22	18.25				
15	QPSK	1	74	18.21	18.23	18.24	18.25	18.19				
15	QPSK	36	0	18.29	18.28	18.27	18.27	18.26	19.2	0		
15	QPSK	36	20	18.20	18.18	18.20	18.22	18.20				
15	QPSK	36	39	18.12	18.17	18.18	18.20	18.20	19.2	0		
15	QPSK	75	0	18.20	18.26	18.21	18.26	18.27				
15	16QAM	1	0	18.24	18.16	18.19	18.23	18.21	19.2	0		
15	16QAM	1	37	18.11	18.13	18.13	18.12	18.10				
15	16QAM	1	74	18.16	18.20	18.16	18.16	18.15				
15	16QAM	36	0	18.16	18.13	18.13	18.09	18.10	19.2	0		
15	16QAM	36	20	18.17	18.20	18.16	18.22	18.22				
15	16QAM	36	39	18.20	18.25	18.23	18.20	18.19	19.2	0		
15	16QAM	75	0	18.16	18.20	18.15	18.18	18.19				
15	64QAM	1	0	18.14	18.14	18.18	18.09	18.10	19.2	0		
15	64QAM	1	37	18.20	18.21	18.24	18.22	18.22				
15	64QAM	1	74	18.20	18.15	18.14	18.17	18.17				
15	64QAM	36	0	18.23	18.20	18.19	18.18	18.15				
15	64QAM	36	20	18.21	18.19	18.18	18.19	18.20	19.2	0		
15	64QAM	36	39	18.20	18.16	18.21	18.14	18.23				
15	64QAM	75	0	18.18	18.27	18.20	18.25	18.19				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2686				
10	QPSK	1	0	18.40	18.39	18.39	18.35	18.39	19.2	0		
10	QPSK	1	25	18.23	18.27	18.28	18.27	18.26				
10	QPSK	1	49	18.28	18.19	18.20	18.28	18.20				
10	QPSK	25	0	18.28	18.30	18.25	18.29	18.30	19.2	0		
10	QPSK	25	12	18.19	18.21	18.18	18.16	18.23				
10	QPSK	25	25	18.13	18.14	18.13	18.19	18.15				
10	QPSK	50	0	18.24	18.26	18.24	18.21	18.20				
10	16QAM	1	0	18.21	18.24	18.20	18.16	18.15	19.2	0		
10	16QAM	1	25	18.11	18.10	18.15	18.11	18.16				
10	16QAM	1	49	18.18	18.20	18.13	18.13	18.20				
10	16QAM	25	0	18.09	18.15	18.14	18.17	18.14	19.2	0		
10	16QAM	25	12	18.14	18.17	18.14	18.21	18.18				
10	16QAM	25	25	18.19	18.22	18.19	18.20	18.22				
10	16QAM	50	0	18.12	18.15	18.21	18.22	18.20	19.2	0		
10	64QAM	1	0	18.17	18.18	18.16	18.09	18.10				
10	64QAM	1	25	18.24	18.25	18.25	18.24	18.23	19.2	0		
10	64QAM	1	49	18.16	18.12	18.14	18.20	18.19				
10	64QAM	25	0	18.16	18.22	18.15	18.20	18.18				
10	64QAM	25	12	18.17	18.16	18.22	18.18	18.16	19.2	0		
10	64QAM	25	25	18.16	18.21	18.20	18.22	18.20				
10	64QAM	50	0	18.21	18.22	18.19	18.19	18.27				
Channel				39675 <th>40148<th>40620<th>41093<th>41565</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th></th>	40148 <th>40620<th>41093<th>41565</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	40620 <th>41093<th>41565</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	41093 <th>41565</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5 <th>2545.8<th>2593<th>2640.30<th>2687.5</th><th></th><th></th><th colspan="2"></th></th></th></th>	2545.8 <th>2593<th>2640.30<th>2687.5</th><th></th><th></th><th colspan="2"></th></th></th>	2593 <th>2640.30<th>2687.5</th><th></th><th></th><th colspan="2"></th></th>	2640.30 <th>2687.5</th> <th></th> <th></th> <th colspan="2"></th>	2687.5				
5	QPSK	1	0	18.36	18.41	18.36	18.34	18.39	19.2	0		
5	QPSK	1	12	18.24	18.19	18.20	18.19	18.22				
5	QPSK	1	24	18.23	18.28	18.23	18.24	18.25				
5	QPSK	12	0	18.25	18.29	18.22	18.29	18.21	19.2	0		
5	QPSK	12	7	18.21	18.18	18.16	18.17	18.23				
5	QPSK	12	13	18.16	18.17	18.21	18.17	18.13	19.2	0		
5	QPSK	25	0	18.27	18.26	18.25	18.25	18.28				
5	16QAM	1	0	18.23	18.20	18.23	18.19	18.19				
5	16QAM	1	12	18.09	18.15	18.10	18.15	18.12	19.2	0		
5	16QAM	1	24	18.16	18.13	18.16	18.21	18.14				
5	16QAM	12	0	18.10	18.18	18.15	18.09	18.16				
5	16QAM	12	7	18.16	18.20	18.21	18.22	18.18	19.2	0		
5	16QAM	12	13	18.19	18.20	18.17	18.23	18.22				
5	16QAM	25	0	18.16	18.13	18.13	18.19	18.11				
5	64QAM	1	0	18.10	18.15	18.14	18.13	18.13	19.2	0		
5	64QAM	1	12	18.26	18.27	18.25	18.22	18.28				
5	64QAM	1	24	18.13	18.13	18.14	18.12	18.12				
5	64QAM	12	0	18.15	18.19	18.19	18.23	18.19				
5	64QAM	12	7	18.16	18.20	18.18	18.14	18.17	19.2	0		
5	64QAM	12	13	18.14	18.23	18.15	18.17	18.17				
5	64QAM	25	0	18.18	18.19	18.25	18.21	18.24				

DSI 1 Power

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low-Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High-Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.00	22.06	22.12	22.02	22.07	23	0	
20	QPSK	1	49	21.90	21.96	22.05	21.98	21.99			
20	QPSK	1	99	21.97	21.97	21.99	21.95	22.05			
20	QPSK	50	0	21.92	21.99	22.07	21.89	21.95			
20	QPSK	50	24	21.86	21.96	22.01	21.87	21.92			
20	QPSK	50	50	21.85	21.92	21.99	21.81	21.92	23	0	
20	QPSK	100	0	21.87	21.88	22.01	21.86	21.95			
20	16QAM	1	0	21.91	21.97	22.00	21.87	21.90			
20	16QAM	1	49	21.90	21.88	22.04	21.79	21.94			
20	16QAM	1	99	21.81	21.87	21.96	21.87	21.95			
20	16QAM	50	0	21.38	21.47	21.52	21.31	21.33	22.5	0.5	
20	16QAM	50	24	21.40	21.47	21.44	21.37	21.40			
20	16QAM	50	50	21.39	21.42	21.55	21.29	21.38			
20	16QAM	100	0	21.38	21.46	21.56	21.34	21.45			
20	64QAM	1	0	21.41	21.44	21.56	21.33	21.40			
20	64QAM	1	49	21.41	21.36	21.46	21.37	21.42	22.5	0.5	
20	64QAM	1	99	21.30	21.48	21.54	21.37	21.40			
20	64QAM	50	0	20.33	20.40	20.52	20.37	20.45			
20	64QAM	50	24	20.41	20.48	20.45	20.27	20.40			
20	64QAM	50	50	20.38	20.41	20.45	20.28	20.44			
20	64QAM	100	0	20.35	20.37	20.44	20.38	20.43	21.5	1.5	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	22.05	22.08	22.06	22.10	22.09	23	0	
15	QPSK	1	37	22.04	22.01	22.00	22.01	22.03			
15	QPSK	1	74	21.91	21.97	21.94	21.92	21.96			
15	QPSK	36	0	22.01	21.98	22.06	22.02	22.02			
15	QPSK	36	20	21.96	21.91	21.92	21.94	21.98			
15	QPSK	36	39	21.89	21.97	21.93	21.95	21.95	23	0	
15	QPSK	75	0	21.91	21.95	21.98	21.99	21.93			
15	16QAM	1	0	21.99	21.96	21.98	21.98	21.91			
15	16QAM	1	37	21.96	21.95	22.03	22.01	22.03			
15	16QAM	1	74	21.97	21.92	21.97	21.90	21.95			
15	16QAM	36	0	21.49	21.47	21.50	21.47	21.47	22.5	0.5	
15	16QAM	36	20	21.36	21.35	21.36	21.38	21.34			
15	16QAM	36	39	21.50	21.51	21.49	21.46	21.51			
15	16QAM	75	0	21.50	21.47	21.48	21.48	21.46			
15	64QAM	1	0	21.46	21.52	21.49	21.46	21.46			
15	64QAM	1	37	21.41	21.38	21.39	21.45	21.41	22.5	0.5	
15	64QAM	1	74	21.47	21.45	21.53	21.46	21.45			
15	64QAM	36	0	20.46	20.43	20.46	20.46	20.50			
15	64QAM	36	20	20.36	20.37	20.35	20.38	20.39			
15	64QAM	36	39	20.43	20.43	20.42	20.37	20.44			
15	64QAM	75	0	20.35	20.40	20.42	20.38	20.37	21.5	1.5	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.05	22.10	22.07	22.05	22.05	23	0	
10	QPSK	1	25	21.97	22.03	22.02	21.98	22.03			
10	QPSK	1	49	21.93	21.90	21.92	21.90	21.93			
10	QPSK	25	0	22.02	21.98	22.01	22.05	22.05			
10	QPSK	25	12	21.99	21.93	21.92	21.94	21.92			
10	QPSK	25	25	21.96	21.91	21.89	21.92	21.96	23	0	
10	QPSK	50	0	21.95	21.99	21.97	22.00	21.97			
10	16QAM	1	0	21.98	21.91	21.91	21.98	21.95			
10	16QAM	1	25	22.03	21.95	21.98	21.97	22.00			
10	16QAM	1	49	21.97	21.88	21.92	21.96	21.96			
10	16QAM	25	0	21.47	21.50	21.45	21.46	21.47	22.5	0.5	
10	16QAM	25	12	21.39	21.39	21.37	21.40	21.43			
10	16QAM	25	25	21.45	21.53	21.49	21.53	21.52			
10	16QAM	50	0	21.55	21.53	21.52	21.47	21.54			
10	64QAM	1	0	21.47	21.54	21.53	21.49	21.53			
10	64QAM	1	25	21.45	21.38	21.45	21.41	21.45	22.5	0.5	
10	64QAM	1	49	21.49	21.48	21.44	21.47	21.52			
10	64QAM	25	0	20.45	20.43	20.50	20.47	20.51			
10	64QAM	25	12	20.35	20.44	20.41	20.42	20.42			
10	64QAM	25	25	20.37	20.42	20.43	20.43	20.42			
10	64QAM	50	0	20.42	20.41	20.41	20.35	20.42	21.5	1.5	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.08	22.10	22.05	22.11	22.06	23	0	
5	QPSK	1	12	22.01	22.00	21.97	21.97	22.03			
5	QPSK	1	24	21.88	21.97	21.90	21.89	21.90			
5	QPSK	12	0	22.04	22.02	22.01	21.98	22.02			
5	QPSK	12	7	21.91	22.00	21.97	21.94	21.92			
5	QPSK	12	13	21.97	21.92	21.97	21.92	21.96	23	0	
5	QPSK	25	0	22.00	21.91	21.92	21.92	21.93			
5	16QAM	1	0	21.93	21.94	21.93	21.93	21.96			
5	16QAM	1	12	21.94	22.01	21.99	21.99	22.00			
5	16QAM	1	24	21.97	21.91	21.94	21.92	21.92			
5	16QAM	12	0	21.49	21.44	21.43	21.46	21.49	22.5	0.5	
5	16QAM	12	7	21.39	21.40	21.41	21.41	21.41			
5	16QAM	12	13	21.51	21.45	21.47	21.49	21.46			
5	16QAM	25	0	21.47	21.48	21.54	21.48	21.51			
5	64QAM	1	0	21.48	21.46	21.52	21.50	21.50			
5	64QAM	1	12	21.42	21.36	21.42	21.37	21.45	22.5	0.5	
5	64QAM	1	24	21.44	21.52	21.53	21.45	21.50			
5	64QAM	12	0	20.44	20.43	20.50	20.46	20.43			
5	64QAM	12	7	20.43	20.43	20.39	20.42	20.35			
5	64QAM	12	13	20.43	20.41	20.44	20.36	20.39			
5	64QAM	25	0	20.38	20.37	20.35	20.38	20.43	21.5	1.5	

Band 41_Ant 2														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low-Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High-Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	21.60	21.65	21.71	21.66	21.65	22.7	0				
20	QPSK	1	49	21.57	21.63	21.60	21.60	21.59						
20	QPSK	1	99	21.48	21.61	21.64	21.60	21.52						
20	QPSK	50	0	21.59	21.63	21.65	21.55	21.53						
20	QPSK	50	24	21.57	21.61	21.63	21.42	21.50						
20	QPSK	50	50	21.46	21.61	21.58	21.49	21.45	22.7	0				
20	QPSK	100	0	21.58	21.53	21.61	21.44	21.44						
20	16QAM	1	0	21.50	21.52	21.53	21.50	21.50						
20	16QAM	1	49	21.57	21.62	21.63	21.50	21.41						
20	16QAM	1	99	21.53	21.51	21.61	21.46	21.47	22.7	0				
20	16QAM	50	0	21.54	21.50	21.58	21.49	21.44						
20	16QAM	50	24	21.48	21.54	21.54	21.47	21.42						
20	16QAM	50	50	21.57	21.56	21.53	21.47	21.48						
20	16QAM	100	0	21.52	21.54	21.62	21.42	21.41						
20	64QAM	1	0	21.50	21.61	21.55	21.46	21.50	22.7	0				
20	64QAM	1	49	21.53	21.50	21.62	21.51	21.40						
20	64QAM	1	99	21.57	21.61	21.54	21.50	21.45						
20	64QAM	50	0	21.58	21.54	21.64	21.49	21.52						
20	64QAM	50	24	21.57	21.55	21.58	21.43	21.43						
20	64QAM	50	50	21.53	21.50	21.52	21.42	21.46	22.7	0				
20	64QAM	100	0	21.51	21.61	21.64	21.42	21.48						
Channel				39725	40173	40620	41068	41515				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	21.67	21.63	21.67	21.61	21.68	22.7	0				
15	QPSK	1	37	21.51	21.5	21.52	21.52	21.56						
15	QPSK	1	74	21.54	21.54	21.60	21.80	21.59						
15	QPSK	36	0	21.59	21.59	21.59	21.59	21.64						
15	QPSK	36	20	21.60	21.58	21.58	21.62	21.56						
15	QPSK	36	39	21.55	21.52	21.56	21.55	21.50	22.7	0				
15	QPSK	75	0	21.58	21.6	21.60	21.55	21.52						
15	16QAM	1	0	21.44	21.48	21.45	21.47	21.51						
15	16QAM	1	37	21.58	21.55	21.56	21.54	21.58						
15	16QAM	1	74	21.51	21.5	21.52	21.49	21.50	22.7	0				
15	16QAM	36	0	21.53	21.53	21.51	21.50	21.52						
15	16QAM	36	20	21.59	21.55	21.63	21.56	21.61						
15	16QAM	36	39	21.46	21.47	21.52	21.50	21.43						
15	16QAM	75	0	21.55	21.57	21.53	21.55	21.59						
15	64QAM	1	0	21.48	21.51	21.53	21.48	21.50	22.7	0				
15	64QAM	1	37	21.55	21.58	21.60	21.38	21.53						
15	64QAM	1	74	21.50	21.48	21.54	21.47	21.45						
15	64QAM	36	0	21.61	21.6	21.59	21.57	21.55						
15	64QAM	36	20	21.50	21.51	21.51	21.51	21.45						
15	64QAM	36	39	21.5	21.47	21.46	21.49	21.44	22.7	0				
15	64QAM	75	0	21.6	21.54	21.55	21.61	21.60						
Channel				39700	40160	40620	41080	41540				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	21.61	21.66	21.67	21.65	21.64	22.7	0				
10	QPSK	1	25	21.59	21.59	21.59	21.51	21.59						
10	QPSK	1	49	21.62	21.59	21.56	21.56	21.62						
10	QPSK	25	0	21.56	21.56	21.55	21.57	21.60						
10	QPSK	25	12	21.58	21.59	21.53	21.59	21.57						
10	QPSK	25	25	21.56	21.50	21.56	21.55	21.57	22.7	0				
10	QPSK	50	0	21.58	21.53	21.53	21.51	21.54						
10	16QAM	1	0	21.48	21.48	21.49	21.48	21.50						
10	16QAM	1	25	21.58	21.58	21.62	21.60	21.61						
10	16QAM	1	49	21.57	21.59	21.57	21.51	21.52						
10	16QAM	25	0	21.48	21.57	21.52	21.57	21.57	22.7	0				
10	16QAM	25	12	21.55	21.63	21.57	21.54	21.58						
10	16QAM	25	25	21.46	21.51	21.47	21.43	21.49						
10	16QAM	50	0	21.57	21.57	21.59	21.33	21.60						
10	64QAM	1	0	21.53	21.51	21.48	21.45	21.45						
10	64QAM	1	25	21.55	21.52	21.60	21.57	21.57	22.7	0				
10	64QAM	1	49	21.48	21.50	21.52	21.47	21.52						
10	64QAM	25	0	21.59	21.60	21.58	21.60	21.63						
10	64QAM	25	12	21.45	21.43	21.45	21.50	21.43						
10	64QAM	25	25	21.45	21.48	21.46	21.45	21.45						
10	64QAM	50	0	21.61	21.59	21.61	21.41	21.60	22.7	0				
Channel				39675	40148	40620	41093	41655				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2697.5						
5	QPSK	1	0	21.69	21.63	21.61	21.64	21.62				22.7	0	
5	QPSK	1	12	21.59	21.59	21.54	21.58	21.51						
5	QPSK	1	24	21.58	21.56	21.62	21.60	21.54						
5	QPSK	12	0	21.64	21.63	21.59	21.62	21.63						
5	QPSK	12	7	21.59	21.62	21.57	21.59	21.60						
5	QPSK	12	13	21.53	21.58	21.58	21.48	21.51	22.7	0				
5	QPSK	25	0	21.57	21.55	21.55	21.52	21.57						
5	16QAM	1	0	21.50	21.44	21.43	21.51	21.47						
5	16QAM	1	12	21.56	21.56	21.62	21.57	21.61						
5	16QAM	1	24	21.51	21.57	21.56	21.51	21.56						
5	16QAM	12	0	21.49	21.57	21.57	21.51	21.50	22.7	0				
5	16QAM	12	7	21.55	21.62	21.59	21.35	21.62						
5	16QAM	12	13	21.42	21.47	21.44	21.45	21.46						
5	16QAM	25	0	21.56	21.54	21.57	21.52	21.60						
5	64QAM	1	0	21.48	21.50	21.54	21.48	21.49						
5	64QAM	1	12	21.55	21.56	21.58	21.61	21.59	22.7	0				
5	64QAM	1	24	21.46	21.49	21.46	21.46	21.51						
5	64QAM	12	0	21.61	21.54	21.58	21.60	21.63						
5	64QAM	12	7	21.42	21.46	21.44	21.45	21.46						
5	64QAM	12	13	21.47	21.42	21.50	21.47	21.48						
5	64QAM	25	0	21.63	21.60	21.58	21.62	21.61						

Band 41_Ant 3																	
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)							
Channel				39750	40185	40620	41055	41490									
Frequency (MHz)				2506	2549.5	2593	2636.5	2680									
20	QPSK	1	0	22.99	22.98	23.02	23.01	22.91	24	0							
20	QPSK	1	49	22.83	22.95	22.95	23.00	22.79				23.5	0.5				
20	QPSK	1	99	22.89	22.89	22.97	22.97	22.89							23.5	0.5	
20	QPSK	50	0	22.41	22.36	22.50	22.41	22.30									
20	QPSK	50	24	22.34	22.26	22.38	22.28	22.29	23.5	0.5							
20	QPSK	50	50	22.37	22.23	22.48	22.35	22.27				23.5	0.5				
20	QPSK	100	0	22.33	22.31	22.47	22.36	22.29							23.5	0.5	
20	16QAM	1	0	22.29	22.23	22.40	22.38	22.21									
20	16QAM	1	49	22.33	22.33	22.42	22.34	22.20	23.5	0.5							
20	16QAM	1	99	22.34	22.28	22.39	22.36	22.24				23.5	0.5				
20	16QAM	50	0	21.30	21.23	21.46	21.30	21.24							22.5	1.5	
20	16QAM	50	24	21.40	21.26	21.46	21.40	21.26									
20	16QAM	50	50	21.28	21.26	21.48	21.37	21.20	22.5	1.5							
20	16QAM	100	0	21.28	21.23	21.44	21.33	21.27				22.5	1.5				
20	64QAM	1	0	21.34	21.28	21.42	21.32	21.18							22.5	1.5	
20	64QAM	1	49	21.33	21.30	21.38	21.39	21.26									
20	64QAM	1	99	21.35	21.33	21.46	21.32	21.23	22.5	1.5							
20	64QAM	50	0	20.38	20.34	20.38	20.32	20.19				22.5	1.5				
20	64QAM	50	24	20.40	20.31	20.46	20.29	20.19							22.5	1.5	
20	64QAM	50	50	20.29	20.29	20.43	20.37	20.19									
20	64QAM	100	0	20.32	20.24	20.43	20.30	20.17	22.5	1.5							
Channel				39725	40173	40620	41068	41515				Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5									
15	QPSK	1	0	23.01	22.99	23.00	23.00	22.96				24	0				
15	QPSK	1	37	22.89	22.89	22.89	22.92	22.87	23.5	0.5							
15	QPSK	1	74	22.96	22.95	22.92	22.93	22.89							23.5	0.5	
15	QPSK	36	0	22.45	22.48	22.46	22.49	22.44									
15	QPSK	36	20	22.28	22.31	22.37	22.36	22.34				23.5	0.5				
15	QPSK	36	39	22.40	22.44	22.44	22.43	22.44	23.5	0.5							
15	QPSK	75	0	22.39	22.46	22.37	22.41	22.40							23.5	0.5	
15	16QAM	1	0	22.30	22.30	22.38	22.38	22.32									
15	16QAM	1	37	22.37	22.37	22.40	22.33	22.40				23.5	0.5				
15	16QAM	1	74	22.33	22.38	22.34	22.30	22.36	23.5	0.5							
15	16QAM	36	0	21.38	21.41	21.43	21.43	21.40							23.5	0.5	
15	16QAM	36	20	21.40	21.41	21.44	21.38	21.38									
15	16QAM	36	39	21.43	21.39	21.46	21.40	21.40				23.5	0.5				
15	16QAM	75	0	21.38	21.42	21.36	21.34	21.34	23.5	0.5							
15	64QAM	1	0	21.36	21.33	21.35	21.34	21.35							23.5	0.5	
15	64QAM	1	37	21.34	21.35	21.37	21.31	21.35									
15	64QAM	1	74	21.44	21.45	21.36	21.37	21.39				23.5	0.5				
15	64QAM	36	0	20.28	20.38	20.35	20.28	20.31	23.5	0.5							
15	64QAM	36	20	20.37	20.38	20.39	20.40	20.38							23.5	0.5	
15	64QAM	36	39	20.38	20.35	20.40	20.35	20.41									
15	64QAM	75	0	20.33	20.29	20.36	20.41	20.35				23.5	0.5				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)							
Frequency (MHz)				2501	2547	2593	2639	2685									
10	QPSK	1	0	22.95	23.00	23.01	22.98	22.94	24	0							
10	QPSK	1	25	22.87	22.90	22.91	22.91	22.87				23.5	0.5				
10	QPSK	1	49	22.94	22.91	22.90	22.87	22.92							23.5	0.5	
10	QPSK	25	0	22.41	22.48	22.43	22.41	22.42									
10	QPSK	25	12	22.33	22.36	22.28	22.28	22.30	23.5	0.5							
10	QPSK	25	25	22.45	22.38	22.42	22.46	22.48				23.5	0.5				
10	QPSK	50	0	22.37	22.41	22.41	22.46	22.41							23.5	0.5	
10	16QAM	1	0	22.35	22.37	22.35	22.36	22.31									
10	16QAM	1	25	22.36	22.35	22.35	22.34	22.33	23.5	0.5							
10	16QAM	1	49	22.29	22.35	22.37	22.31	22.32				23.5	0.5				
10	16QAM	25	0	21.38	21.44	21.44	21.43	21.45							23.5	0.5	
10	16QAM	25	12	21.46	21.45	21.40	21.44	21.45									
10	16QAM	25	25	21.45	21.39	21.45	21.44	21.42	23.5	0.5							
10	16QAM	50	0	21.34	21.39	21.35	21.37	21.35				23.5	0.5				
10	64QAM	1	0	21.37	21.33	21.39	21.36	21.32							23.5	0.5	
10	64QAM	1	25	21.32	21.32	21.37	21.35	21.31									
10	64QAM	1	49	21.39	21.37	21.42	21.37	21.38	23.5	0.5							
10	64QAM	25	0	20.34	20.35	20.33	20.35	20.32				23.5	0.5				
10	64QAM	25	12	20.43	20.45	20.45	20.44	20.36							23.5	0.5	
10	64QAM	25	25	20.34	20.33	20.39	20.33	20.39									
10	64QAM	50	0	20.36	20.36	20.41	20.34	20.36	23.5	0.5							
Channel				39675	40148	40620	41093	41565				Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5									
5	QPSK	1	0	23.01	23.00	22.96	22.95	22.94				24	0				
5	QPSK	1	12	22.88	22.88	22.91	22.87	22.92	23.5	0.5							
5	QPSK	1	24	22.87	22.92	22.90	22.88	22.89							23.5	0.5	
5	QPSK	12	0	22.47	22.40	22.47	22.40	22.49									
5	QPSK	12	7	22.30	22.33	22.32	22.28	22.37				23.5	0.5				
5	QPSK	12	13	22.39	22.47	22.42	22.45	22.41	23.5	0.5							
5	QPSK	25	0	22.46	22.44	22.46	22.46	22.42							23.5	0.5	
5	16QAM	1	0	22.39	22.36	22.30	22.31	22.33									
5	16QAM	1	12	22.36	22.41	22.38	22.34	22.37				23.5	0.5				
5	16QAM	1	24	22.31	22.30	22.31	22.31	22.34	23.5	0.5							
5	16QAM	12	0	21.41	21.43	21.43	21.36	21.39							23.5	0.5	
5	16QAM	12	7	21.42	21.40	21.39	21.40	21.39									
5	16QAM	12	13	21.42	21.47	21.41	21.44	21.44				23.5	0.5				
5	16QAM	25	0	21.36	21.40	21.37	21.37	21.40	23.5	0.5							
5	64QAM	1	0	21.41	21.41	21.40	21.34	21.41							23.5	0.5	
5	64QAM	1	12	21.29	21.28	21.29	21.34	21.37									
5	64QAM	1	24	21.39	21.44	21.39	21.44	21.40				23.5	0.5				
5	64QAM	12	0	20.34	20.29	20.29	20.32	20.34	23.5	0.5							
5	64QAM	12	7	20.44	20.36	20.37	20.37	20.41							23.5	0.5	
5	64QAM	12	13	20.40	20.39	20.38	20.41	20.40									
5	64QAM	25	0	20.34	20.36	20.38	20.41	20.33				23.5	0.5				

Band 41_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2606	2649.5	2593	2638.5	2680				
20	QPSK	1	0	22.68	22.63	22.71	22.64	22.67	23.2	0		
20	QPSK	1	49	22.59	22.50	22.66	22.55	22.63				
20	QPSK	1	99	22.55	22.57	22.64	22.61	22.63				
20	QPSK	50	0	22.61	22.60	22.66	22.57	22.59				
20	QPSK	50	24	22.59	22.49	22.56	22.48	22.55	23.2	0		
20	QPSK	50	50	22.51	22.50	22.59	22.51	22.51				
20	QPSK	100	0	22.48	22.56	22.62	22.51	22.46				
20	16QAM	1	0	22.57	22.54	22.55	22.56	22.55				
20	16QAM	1	49	22.56	22.55	22.62	22.48	22.52	23.2	0		
20	16QAM	1	99	22.50	22.59	22.60	22.46	22.49				
20	16QAM	50	0	22.52	22.59	22.57	22.51	22.46				
20	16QAM	50	24	22.51	22.48	22.57	22.50	22.51				
20	16QAM	50	50	22.50	22.59	22.57	22.50	22.46	23.2	0		
20	16QAM	100	0	22.50	22.55	22.62	22.55	22.54				
20	64QAM	1	0	22.54	22.47	22.58	22.49	22.54				
20	64QAM	1	49	22.48	22.50	22.53	22.44	22.56				
20	64QAM	1	99	22.52	22.53	22.65	22.55	22.57	23.2	0		
20	64QAM	50	0	22.02	22.00	22.03	22.05	22.06				
20	64QAM	50	24	22.09	22.18	22.13	22.09	21.99				
20	64QAM	50	50	21.98	21.97	22.07	21.99	22.06				
20	64QAM	100	0	22.06	22.00	22.05	21.95	22.06	22.7	0.5		
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	22.62	22.69	22.68	22.64	22.61	23.2	0		
15	QPSK	1	37	22.63	22.62	22.65	22.59	22.64				
15	QPSK	1	74	22.54	22.57	22.56	22.58	22.60				
15	QPSK	38	0	22.65	22.64	22.58	22.62	22.56				
15	QPSK	38	20	22.47	22.55	22.52	22.52	22.47	23.2	0		
15	QPSK	38	39	22.52	22.49	22.51	22.44	22.49				
15	QPSK	75	0	22.53	22.57	22.61	22.57	22.61				
15	16QAM	1	0	22.53	22.47	22.46	22.47	22.48				
15	16QAM	1	37	22.56	22.53	22.61	22.59	22.54	23.2	0		
15	16QAM	1	74	22.50	22.59	22.46	22.53	22.57				
15	16QAM	38	0	22.55	22.47	22.56	22.49	22.54				
15	16QAM	38	20	22.49	22.50	22.49	22.54	22.52				
15	16QAM	38	39	22.56	22.48	22.50	22.54	22.54	23.2	0		
15	16QAM	75	0	22.54	22.59	22.57	22.61	22.57				
15	64QAM	1	0	22.54	22.51	22.50	22.48	22.52				
15	64QAM	1	37	22.51	22.52	22.45	22.51	22.45				
15	64QAM	1	74	22.53	22.63	22.54	22.58	22.56	23.2	0		
15	64QAM	38	0	22.02	22.03	22.01	21.93	21.94				
15	64QAM	38	20	22.10	22.03	22.03	22.05	22.12				
15	64QAM	38	39	22.06	22.06	22.06	21.98	22.06				
15	64QAM	75	0	22.02	22.03	22.00	22.02	22.04	22.7	0.5		
Channel				39700	40160	40620	41080	41540				
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	22.63	22.64	22.62	22.63	22.62	23.2	0		
10	QPSK	1	25	22.58	22.62	22.63	22.62	22.64				
10	QPSK	1	49	22.63	22.57	22.62	22.57	22.59				
10	QPSK	25	0	22.61	22.59	22.57	22.56	22.62				
10	QPSK	25	12	22.51	22.52	22.55	22.54	22.55	23.2	0		
10	QPSK	25	25	22.49	22.51	22.46	22.43	22.43				
10	QPSK	50	0	22.60	22.53	22.56	22.60	22.54				
10	16QAM	1	0	22.54	22.50	22.46	22.53	22.51				
10	16QAM	1	25	22.55	22.56	22.54	22.53	22.54	23.2	0		
10	16QAM	1	49	22.58	22.59	22.52	22.50	22.58				
10	16QAM	25	0	22.49	22.49	22.48	22.47	22.52				
10	16QAM	25	12	22.51	22.51	22.54	22.55	22.47				
10	16QAM	25	25	22.48	22.47	22.51	22.51	22.56	23.2	0		
10	16QAM	50	0	22.55	22.54	22.55	22.57	22.59				
10	64QAM	1	0	22.57	22.58	22.51	22.47	22.51				
10	64QAM	1	25	22.44	22.46	22.48	22.47	22.44				
10	64QAM	1	49	22.64	22.56	22.55	22.63	22.57	23.2	0		
10	64QAM	25	0	21.99	21.99	21.96	21.97	21.99				
10	64QAM	25	12	22.11	22.07	22.03	22.10	22.06				
10	64QAM	25	25	22.01	22.02	22.03	22.03	21.99				
10	64QAM	50	0	22.03	22.01	21.98	21.95	22.02	22.7	0.5		
Channel				39675	40145	40620	41093	41565				
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	22.68	22.63	22.70	22.70	22.64	23.2	0		
5	QPSK	1	12	22.57	22.58	22.61	22.59	22.63				
5	QPSK	1	24	22.57	22.54	22.58	22.55	22.58				
5	QPSK	12	0	22.62	22.57	22.56	22.64	22.57				
5	QPSK	12	7	22.52	22.49	22.47	22.56	22.48	23.2	0		
5	QPSK	12	13	22.47	22.44	22.45	22.48	22.51				
5	QPSK	25	0	22.59	22.57	22.55	22.55	22.60				
5	16QAM	1	0	22.54	22.48	22.53	22.53	22.48				
5	16QAM	1	12	22.56	22.58	22.60	22.56	22.57	23.2	0		
5	16QAM	1	24	22.52	22.52	22.57	22.51	22.59				
5	16QAM	12	0	22.53	22.51	22.47	22.49	22.47				
5	16QAM	12	7	22.51	22.56	22.55	22.55	22.48				
5	16QAM	12	13	22.51	22.54	22.54	22.54	22.59	23.2	0		
5	16QAM	25	0	22.53	22.53	22.53	22.53	22.59				
5	64QAM	1	0	22.48	22.51	22.55	22.55	22.50				
5	64QAM	1	12	22.51	22.51	22.45	22.47	22.46				
5	64QAM	1	24	22.59	22.62	22.55	22.57	22.60	23.2	0		
5	64QAM	12	0	21.97	21.95	21.94	22.00	21.98				
5	64QAM	12	7	22.11	22.08	22.08	22.12	22.05				
5	64QAM	12	13	22.06	22.05	22.00	22.03	22.04				
5	64QAM	25	0	22.04	22.00	22.03	21.98	22.03	22.7	0.5		

DSI 3 Power

Band 41_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	24.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.54	23.58	23.68	23.63	23.65	23.5	1
20	QPSK	1	49	23.51	23.45	23.66	23.62	23.65		
20	QPSK	1	99	23.50	23.44	23.61	23.53	23.52		
20	QPSK	50	0	22.81	22.62	22.82	22.76	22.80		
20	QPSK	50	24	22.76	22.57	22.80	22.76	22.76		
20	QPSK	50	50	22.78	22.52	22.78	22.73	22.74	23.5	1
20	QPSK	100	0	22.72	22.58	22.96	22.85	22.77		
20	16QAM	1	0	22.72	22.52	22.77	22.75	23.09		
20	16QAM	1	49	22.76	22.58	22.81	22.85	22.98		
20	16QAM	1	99	22.77	22.73	22.82	22.91	22.78		
20	16QAM	50	0	21.69	21.52	21.80	21.83	22.10	22.5	2
20	16QAM	50	24	21.74	21.55	21.80	21.86	21.98		
20	16QAM	50	50	21.80	21.62	21.83	21.88	21.91		
20	16QAM	100	0	21.72	21.57	21.79	21.86	21.97		
20	64QAM	1	0	21.44	21.22	21.46	21.46	21.78		
20	64QAM	1	49	21.46	21.28	21.52	21.57	21.68	22.5	2
20	64QAM	1	99	21.45	21.42	21.53	21.63	21.47		
20	64QAM	50	0	20.85	20.49	20.77	20.81	21.08		
20	64QAM	50	24	20.71	20.52	20.77	20.86	20.97		
20	64QAM	50	50	20.77	20.59	20.78	20.84	20.88		
20	64QAM	100	0	20.69	20.56	20.75	20.83	20.96	21.5	3
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	24.5	0
15	QPSK	1	0	23.45	23.44	23.56	23.52	23.53		
15	QPSK	1	37	23.43	23.31	23.61	23.50	23.53	23.5	1
15	QPSK	1	74	23.40	23.30	23.47	23.47	23.40		
15	QPSK	36	0	22.71	22.55	22.71	22.73	22.71		
15	QPSK	36	20	22.67	22.46	22.73	22.64	22.64		
15	QPSK	36	39	22.65	22.43	22.64	22.65	22.69		
15	QPSK	75	0	22.58	22.51	22.93	22.77	22.66	23.5	1
15	16QAM	1	0	22.64	22.38	22.63	22.61	23.02		
15	16QAM	1	37	22.65	22.51	22.76	22.78	22.96		
15	16QAM	1	74	22.65	22.65	22.77	22.84	22.71		
15	16QAM	36	0	21.61	21.42	21.65	21.73	22.05		
15	16QAM	36	20	21.69	21.43	21.68	21.74	21.93	22.5	2
15	16QAM	36	39	21.69	21.49	21.73	21.83	21.79		
15	16QAM	75	0	21.60	21.49	21.64	21.75	21.83		
15	64QAM	1	0	21.35	21.15	21.38	21.41	21.73		
15	64QAM	1	37	21.32	21.19	21.42	21.46	21.59		
15	64QAM	1	74	21.35	21.34	21.48	21.51	21.41	21.5	3
15	64QAM	36	0	20.59	20.34	20.69	20.68	21.00		
15	64QAM	36	20	20.59	20.42	20.66	20.74	20.90		
15	64QAM	36	39	20.66	20.46	20.69	20.72	20.74		
15	64QAM	75	0	20.54	20.46	20.70	20.72	20.84		
Channel				39700	40103	40620	41060	41560	24.5	0
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.47	23.58	23.57	23.55	23.5	1
10	QPSK	1	25	23.40	23.32	23.61	23.52	23.60		
10	QPSK	1	49	23.43	23.35	23.46	23.43	23.46		
10	QPSK	25	0	22.66	22.49	22.75	22.71	22.73		
10	QPSK	25	12	22.65	22.42	22.71	22.69	22.69		
10	QPSK	25	25	22.70	22.39	22.65	22.64	22.63	23.5	1
10	QPSK	50	0	22.72	22.50	22.90	22.79	22.82		
10	16QAM	1	0	22.57	22.47	22.69	22.60	23.02		
10	16QAM	1	25	22.69	22.48	22.62	22.78	22.93		
10	16QAM	1	49	22.71	22.62	22.75	22.84	22.73		
10	16QAM	25	0	21.57	21.44	21.71	21.75	21.97	22.5	2
10	16QAM	25	12	21.63	21.49	21.72	21.83	21.84		
10	16QAM	25	25	21.75	21.55	21.75	21.75	21.80		
10	16QAM	50	0	21.64	21.52	21.67	21.79	21.87		
10	64QAM	1	0	21.36	21.12	21.41	21.38	21.72		
10	64QAM	1	25	21.34	21.17	21.39	21.43	21.62	21.5	3
10	64QAM	1	49	21.37	21.33	21.45	21.57	21.34		
10	64QAM	25	0	20.54	20.39	20.65	20.70	20.94		
10	64QAM	25	12	20.66	20.41	20.67	20.75	20.82		
10	64QAM	25	25	20.66	20.48	20.71	20.73	20.81		
10	64QAM	50	0	20.57	20.45	20.67	20.70	20.89	21.5	3
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2544.8	2593	2640.30	2687.5	24.5	0
5	QPSK	1	0	23.48	23.44	23.55	23.55	23.58		
5	QPSK	1	12	23.46	23.30	23.52	23.52	23.55	23.5	1
5	QPSK	1	24	23.41	23.39	23.52	23.45	23.46		
5	QPSK	12	0	22.72	22.53	22.74	22.72	22.66		
5	QPSK	12	7	22.69	22.48	22.72	22.62	22.65		
5	QPSK	12	13	22.64	22.41	22.73	22.66	22.65		
5	QPSK	25	0	22.64	22.46	22.90	22.80	22.71	23.5	1
5	16QAM	1	0	22.59	22.41	22.69	22.66	22.94		
5	16QAM	1	12	22.61	22.51	22.72	22.79	22.85		
5	16QAM	1	24	22.70	22.65	22.76	22.77	22.69		
5	16QAM	12	0	21.62	21.38	21.68	21.73	22.02		
5	16QAM	12	7	21.67	21.45	21.75	21.79	21.88	22.5	2
5	16QAM	12	13	21.69	21.51	21.77	21.78	21.76		
5	16QAM	25	0	21.64	21.47	21.66	21.73	21.92		
5	64QAM	1	0	21.30	21.10	21.43	21.35	21.73		
5	64QAM	1	12	21.32	21.22	21.37	21.51	21.54		
5	64QAM	1	24	21.33	21.34	21.46	21.49	21.36	21.5	3
5	64QAM	12	0	20.59	20.38	20.72	20.75	20.95		
5	64QAM	12	7	20.57	20.38	20.63	20.78	20.86		
5	64QAM	12	13	20.68	20.48	20.67	20.73	20.77		
5	64QAM	25	0	20.58	20.51	20.68	20.72	20.83		

Band 41_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.12	24.22	24.23	24.20	24.21	25.2	0
20	QPSK	1	49	24.05	24.15	24.16	24.13	24.15		
20	QPSK	1	99	24.02	24.17	24.15	24.14	24.20		
20	QPSK	50	0	23.56	23.59	23.68	23.59	23.59		
20	QPSK	50	24	23.52	23.50	23.62	23.49	23.52		
20	QPSK	50	50	23.47	23.54	23.67	23.49	23.54	24.7	0.5
20	QPSK	100	0	23.44	23.53	23.67	23.53	23.51		
20	16QAM	1	0	23.48	23.58	23.61	23.55	23.49		
20	16QAM	1	49	23.55	23.52	23.59	23.49	23.58		
20	16QAM	1	99	23.49	23.50	23.56	23.58	23.54		
20	16QAM	50	0	22.49	22.46	22.67	22.53	22.47	23.7	1.5
20	16QAM	50	24	22.53	22.50	22.86	22.56	22.48		
20	16QAM	50	50	22.46	22.54	22.55	22.62	22.54		
20	16QAM	100	0	22.46	22.52	22.63	22.56	22.58		
20	64QAM	1	0	22.48	22.48	22.55	22.48	22.46		
20	64QAM	1	49	22.54	22.48	22.62	22.49	22.52	23.7	1.5
20	64QAM	1	99	22.54	22.57	22.55	22.52	22.48		
20	64QAM	50	0	21.48	21.58	21.59	21.56	21.52		
20	64QAM	50	24	21.49	21.51	21.57	21.46	21.51		
20	64QAM	50	50	21.48	21.50	21.58	21.53	21.46	22.7	2.5
20	64QAM	100	0	21.46	21.51	21.61	21.55	21.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.16	24.22	24.15	24.16	24.22	25.2	0
15	QPSK	1	37	24.10	24.14	24.06	24.07	24.08		
15	QPSK	1	74	24.08	24.08	24.08	24.12	24.05		
15	QPSK	36	0	23.66	23.61	23.61	23.61	23.61		
15	QPSK	36	20	23.53	23.56	23.52	23.54	23.61		
15	QPSK	36	39	23.65	23.57	23.59	23.66	23.60	24.7	0.5
15	QPSK	75	0	23.63	23.58	23.66	23.59	23.62		
15	16QAM	1	0	23.57	23.6	23.59	23.53	23.58		
15	16QAM	1	37	23.53	23.53	23.51	23.57	23.58		
15	16QAM	1	74	23.52	23.52	23.52	23.57	23.58		
15	16QAM	36	0	22.63	22.65	22.57	22.61	22.59	23.7	1.5
15	16QAM	36	20	22.59	22.56	22.60	22.58	22.61		
15	16QAM	36	39	22.49	22.52	22.51	22.45	22.46		
15	16QAM	75	0	22.54	22.6	22.60	22.62	22.60		
15	64QAM	1	0	22.47	22.45	22.53	22.45	22.48		
15	64QAM	1	37	22.61	22.55	22.60	22.52	22.52	23.7	1.5
15	64QAM	1	74	22.47	22.47	22.46	22.47	22.46		
15	64QAM	36	0	21.48	21.54	21.51	21.49	21.48		
15	64QAM	36	20	21.51	21.49	21.47	21.55	21.53		
15	64QAM	36	39	21.48	21.51	21.55	21.48	21.50		
15	64QAM	75	0	21.59	21.59	21.60	21.55	21.51	22.7	2.5
15	64QAM	75	0	21.59	21.59	21.60	21.55	21.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.20	24.14	24.18	24.11	25.2	0
10	QPSK	1	25	24.13	24.13	24.08	24.10	24.11		
10	QPSK	1	49	24.13	24.08	24.09	24.12	24.12		
10	QPSK	25	0	23.64	23.62	23.64	23.66	23.67		
10	QPSK	25	12	23.61	23.56	23.57	23.54	23.59		
10	QPSK	25	25	23.65	23.66	23.59	23.59	23.57	24.7	0.5
10	QPSK	50	0	23.63	23.59	23.57	23.66	23.58		
10	16QAM	1	0	23.57	23.56	23.52	23.57	23.53		
10	16QAM	1	25	23.55	23.58	23.55	23.53	23.51		
10	16QAM	1	49	23.64	23.48	23.46	23.51	23.53		
10	16QAM	25	0	22.66	22.60	22.64	22.58	22.64	23.7	1.5
10	16QAM	25	12	22.60	22.62	22.58	22.57	22.57		
10	16QAM	25	25	22.50	22.46	22.50	22.52	22.45		
10	16QAM	50	0	22.53	22.53	22.55	22.61	22.57		
10	64QAM	1	0	22.50	22.47	22.53	22.49	22.50		
10	64QAM	1	25	22.61	22.58	22.53	22.60	22.60	23.7	1.5
10	64QAM	1	49	22.46	22.49	22.53	22.53	22.45		
10	64QAM	25	0	21.55	21.54	21.57	21.58	21.50		
10	64QAM	25	12	21.55	21.47	21.52	21.48	21.49		
10	64QAM	25	25	21.48	21.50	21.53	21.49	21.53		
10	64QAM	50	0	21.53	21.55	21.55	21.49	21.52	22.7	2.5
10	64QAM	50	0	21.53	21.55	21.55	21.49	21.52		
Channel				39675	40148	40620	41063	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.20	24.20	24.15	24.19	24.20	25.2	0
5	QPSK	1	12	24.06	24.14	24.07	24.09	24.14		
5	QPSK	1	24	24.10	24.14	24.11	24.05	24.12		
5	QPSK	12	0	23.60	23.62	23.56	23.61	23.63		
5	QPSK	12	7	23.54	23.55	23.55	23.57	23.55		
5	QPSK	12	13	23.66	23.65	23.58	23.67	23.65	24.7	0.5
5	QPSK	25	0	23.57	23.55	23.65	23.61	23.58		
5	16QAM	1	0	23.54	23.59	23.52	23.53	23.52		
5	16QAM	1	12	23.52	23.50	23.51	23.56	23.49		
5	16QAM	1	24	23.54	23.47	23.51	23.50	23.51		
5	16QAM	12	0	22.58	22.59	22.62	22.64	22.58	23.7	1.5
5	16QAM	12	7	22.57	22.65	22.62	22.64	22.56		
5	16QAM	12	13	22.47	22.53	22.53	22.57	22.57		
5	16QAM	25	0	22.62	22.62	22.57	22.61	22.62		
5	64QAM	1	0	22.53	22.50	22.52	22.54	22.51		
5	64QAM	1	12	22.53	22.56	22.56	22.59	22.61	23.7	1.5
5	64QAM	1	24	22.53	22.46	22.54	22.53	22.53		
5	64QAM	12	0	21.55	21.52	21.50	21.57	21.51		
5	64QAM	12	7	21.47	21.48	21.46	21.49	21.50		
5	64QAM	12	13	21.50	21.55	21.57	21.52	21.51		
5	64QAM	25	0	21.51	21.58	21.52	21.51	21.57	22.7	2.5
5	64QAM	25	0	21.51	21.58	21.52	21.51	21.57		

Band 41_Ant 3													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				39750	40185	40620	41055	41490					
Frequency (MHz)				2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	23.47	23.47	23.63	23.55	23.60	24.5	0			
20	QPSK	1	49	23.41	23.33	23.58	23.51	23.51					
20	QPSK	1	99	23.42	23.24	23.53	23.45	23.39					
20	QPSK	50	0	22.78	22.51	22.78	22.76	22.74	23.5	1			
20	QPSK	50	24	22.68	22.47	22.72	22.74	22.73					
20	QPSK	50	50	22.57	22.44	22.77	22.70	22.70					
20	QPSK	100	0	22.84	22.49	22.75	22.72	22.71	23.5	1			
20	16QAM	1	0	22.64	22.43	22.70	22.67	22.94					
20	16QAM	1	49	22.70	22.47	22.75	22.75	22.85					
20	16QAM	1	99	22.66	22.63	22.77	22.81	22.66	22.5	2			
20	16QAM	50	0	21.62	21.43	21.72	21.75	21.93					
20	16QAM	50	24	21.66	21.47	21.73	21.82	21.83					
20	16QAM	50	50	21.75	21.54	21.77	21.78	21.76	22.5	2			
20	16QAM	100	0	21.66	21.50	21.73	21.75	21.85					
20	64QAM	1	0	21.37	21.11	21.39	21.38	21.64					
20	64QAM	1	49	21.40	21.17	21.43	21.50	21.56	22.5	2			
20	64QAM	1	99	21.38	21.33	21.45	21.51	21.37					
20	64QAM	50	0	20.58	20.41	20.70	20.72	20.91					
20	64QAM	50	24	20.63	20.44	20.70	20.78	20.81	21.5	3			
20	64QAM	50	50	20.70	20.49	20.73	20.75	20.74					
20	64QAM	100	0	20.62	20.48	20.69	20.74	20.81					
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5					
15	QPSK	1	0	23.36	23.42	23.56	23.46	23.47	24.5	0			
15	QPSK	1	37	23.27	23.22	23.46	23.43	23.36					
15	QPSK	1	74	23.35	23.15	23.41	23.34	23.26					
15	QPSK	36	0	22.68	22.46	22.73	22.70	22.63	23.5	1			
15	QPSK	36	20	22.59	22.39	22.61	22.68	22.67					
15	QPSK	36	39	22.44	22.29	22.67	22.55	22.55					
15	QPSK	75	0	22.53	22.38	22.70	22.62	22.63	23.5	1			
15	16QAM	1	0	22.54	22.29	22.58	22.55	22.80					
15	16QAM	1	37	22.36	22.34	22.61	22.70	22.74					
15	16QAM	1	74	22.58	22.51	22.65	22.72	22.54	22.5	2			
15	16QAM	36	0	21.50	21.32	21.64	21.65	21.85					
15	16QAM	36	20	21.53	21.39	21.61	21.74	21.78					
15	16QAM	36	39	21.69	21.40	21.67	21.69	21.70	22.5	2			
15	16QAM	75	0	21.54	21.43	21.62	21.61	21.73					
15	64QAM	1	0	21.27	21.09	21.30	21.33	21.49					
15	64QAM	1	37	21.30	21.07	21.32	21.43	21.43	22.5	2			
15	64QAM	1	74	21.23	21.21	21.38	21.39	21.23					
15	64QAM	36	0	20.52	20.28	20.55	20.65	20.77					
15	64QAM	36	20	20.53	20.31	20.63	20.72	20.68	21.5	3			
15	64QAM	36	39	20.65	20.41	20.65	20.66	20.65					
15	64QAM	75	0	20.47	20.36	20.63	20.68	20.66					
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	23.36	23.38	23.48	23.50	23.47	24.5	0			
10	QPSK	1	25	23.38	23.25	23.48	23.46	23.38					
10	QPSK	1	49	23.37	23.10	23.39	23.32	23.26					
10	QPSK	25	0	22.61	22.46	22.64	22.69	22.64	23.5	1			
10	QPSK	25	12	22.63	22.32	22.59	22.66	22.62					
10	QPSK	25	25	22.42	22.36	22.67	22.59	22.59					
10	QPSK	50	0	22.53	22.40	22.67	22.60	22.61	23.5	1			
10	16QAM	1	0	22.56	22.38	22.57	22.57	22.83					
10	16QAM	1	25	22.60	22.38	22.60	22.69	22.78					
10	16QAM	1	49	22.57	22.57	22.67	22.68	22.59	22.5	2			
10	16QAM	25	0	21.47	21.28	21.57	21.69	21.88					
10	16QAM	25	12	21.56	21.35	21.68	21.69	21.71					
10	16QAM	25	25	21.62	21.46	21.71	21.70	21.64	22.5	2			
10	16QAM	50	0	21.58	21.41	21.62	21.69	21.74					
10	64QAM	1	0	21.29	20.97	21.27	21.26	21.57					
10	64QAM	1	25	21.26	21.02	21.32	21.38	21.48	22.5	2			
10	64QAM	1	49	21.32	21.19	21.36	21.37	21.31					
10	64QAM	25	0	20.50	20.34	20.59	20.63	20.62					
10	64QAM	25	12	20.40	20.36	20.59	20.65	20.71	21.5	3			
10	64QAM	25	25	20.58	20.41	20.65	20.62	20.61					
10	64QAM	50	0	20.47	20.38	20.61	20.69	20.74					
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	23.36	23.41	23.54	23.42	23.52	24.5	0			
5	QPSK	1	12	23.34	23.28	23.48	23.39	23.40					
5	QPSK	1	24	23.27	23.10	23.47	23.31	23.25					
5	QPSK	12	0	22.64	22.45	22.69	22.66	22.63	23.5	1			
5	QPSK	12	7	22.60	22.33	22.65	22.60	22.66					
5	QPSK	12	13	22.42	22.36	22.62	22.57	22.56					
5	QPSK	25	0	22.57	22.34	22.64	22.64	22.65	23.5	1			
5	16QAM	1	0	22.56	22.29	22.64	22.53	22.85					
5	16QAM	1	12	22.57	22.41	22.70	22.68	22.70					
5	16QAM	1	24	22.54	22.58	22.72	22.75	22.59	22.5	2			
5	16QAM	12	0	21.51	21.34	21.59	21.65	21.80					
5	16QAM	12	7	21.61	21.38	21.64	21.70	21.72					
5	16QAM	12	13	21.68	21.42	21.62	21.65	21.69	22.5	2			
5	16QAM	25	0	21.59	21.45	21.59	21.70	21.78					
5	64QAM	1	0	21.27	20.97	21.26	21.24	21.59					
5	64QAM	1	12	21.26	21.11	21.26	21.44	21.46	22.5	2			
5	64QAM	1	24	21.32	21.24	21.36	21.36	21.30					
5	64QAM	12	0	20.53	20.32	20.55	20.58	20.78					
5	64QAM	12	7	20.53	20.37	20.61	20.68	20.68	21.5	3			
5	64QAM	12	13	20.64	20.38	20.63	20.69	20.71					
5	64QAM	25	0	20.55	20.39	20.58	20.67	20.75					

Band 41_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		

DSI 4 Power

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	17.57	17.60	17.63	17.61	17.55	18.5	0	
20	QPSK	1	49	17.49	17.54	17.61	17.60	17.52			
20	QPSK	1	99	17.47	17.48	17.61	17.55	17.53			
20	QPSK	50	0	17.46	17.49	17.61	17.54	17.53			
20	QPSK	50	24	17.39	17.39	17.48	17.53	17.51	18.5	0	
20	QPSK	50	50	17.42	17.43	17.50	17.53	17.42			
20	QPSK	100	0	17.35	17.36	17.52	17.48	17.41			
20	16QAM	1	0	17.37	17.47	17.52	17.48	17.52			
20	16QAM	1	49	17.33	17.38	17.60	17.45	17.41	18.5	0	
20	16QAM	1	99	17.40	17.39	17.52	17.51	17.48			
20	16QAM	50	0	17.34	17.44	17.50	17.52	17.49			
20	16QAM	50	24	17.44	17.47	17.60	17.50	17.48			
20	16QAM	50	50	17.38	17.45	17.55	17.47	17.49	18.5	0	
20	16QAM	100	0	17.33	17.43	17.53	17.46	17.50			
20	64QAM	1	0	17.42	17.46	17.49	17.47	17.49			
20	64QAM	1	49	17.45	17.47	17.54	17.44	17.52			
20	64QAM	1	99	17.35	17.40	17.51	17.45	17.43	18.5	0	
20	64QAM	50	0	17.41	17.40	17.58	17.53	17.40			
20	64QAM	50	24	17.44	17.47	17.52	17.44	17.48			
20	64QAM	50	50	17.37	17.37	17.59	17.44	17.46			
20	64QAM	100	0	17.40	17.39	17.49	17.50	17.45	Tune-up limit (dBm)	MPR (dB)	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	17.61	17.56	17.54	17.58	17.61	18.5	0	
15	QPSK	1	37	17.59	17.54	17.55	17.55	17.58			
15	QPSK	1	74	17.51	17.53	17.58	17.53	17.52			
15	QPSK	36	0	17.59	17.53	17.55	17.58	17.51			
15	QPSK	36	20	17.39	17.46	17.43	17.39	17.46	18.5	0	
15	QPSK	36	39	17.46	17.42	17.46	17.49	17.42			
15	QPSK	75	0	17.47	17.51	17.51	17.43	17.50			
15	16QAM	1	0	17.42	17.50	17.50	17.45	17.50			
15	16QAM	1	37	17.54	17.55	17.53	17.50	17.50	18.5	0	
15	16QAM	1	74	17.49	17.51	17.45	17.43	17.47			
15	16QAM	36	0	17.41	17.43	17.42	17.46	17.49			
15	16QAM	36	20	17.54	17.51	17.51	17.54	17.54			
15	16QAM	36	39	17.51	17.54	17.53	17.51	17.45	18.5	0	
15	16QAM	75	0	17.49	17.49	17.46	17.51	17.47			
15	64QAM	1	0	17.39	17.41	17.47	17.44	17.40			
15	64QAM	1	37	17.50	17.50	17.49	17.53	17.48			
15	64QAM	1	74	17.50	17.49	17.46	17.48	17.43	18.5	0	
15	64QAM	36	0	17.50	17.57	17.57	17.53	17.51			
15	64QAM	36	20	17.47	17.44	17.51	17.46	17.42			
15	64QAM	36	39	17.57	17.52	17.55	17.49	17.53			
15	64QAM	75	0	17.45	17.48	17.40	17.46	17.40	Tune-up limit (dBm)	MPR (dB)	
Channel				39700	40160	40620	41093	41565			
Frequency (MHz)				2501	2547	2593	2639	2686			
10	QPSK	1	0	17.59	17.58	17.58	17.53	17.55	18.5	0	
10	QPSK	1	25	17.55	17.59	17.55	17.52	17.59			
10	QPSK	1	49	17.59	17.55	17.51	17.56	17.60			
10	QPSK	25	0	17.57	17.53	17.52	17.57	17.56			
10	QPSK	25	12	17.45	17.39	17.39	17.47	17.42	18.5	0	
10	QPSK	25	25	17.46	17.44	17.40	17.43	17.47			
10	QPSK	50	0	17.47	17.43	17.51	17.50	17.47			
10	16QAM	1	0	17.46	17.44	17.47	17.46	17.48			
10	16QAM	1	25	17.56	17.56	17.58	17.58	17.54	18.5	0	
10	16QAM	1	49	17.46	17.50	17.42	17.49	17.45			
10	16QAM	25	0	17.45	17.42	17.43	17.40	17.47			
10	16QAM	25	12	17.53	17.56	17.55	17.56	17.55			
10	16QAM	25	25	17.45	17.48	17.54	17.50	17.53	18.5	0	
10	16QAM	50	0	17.46	17.48	17.50	17.48	17.47			
10	64QAM	1	0	17.44	17.42	17.43	17.43	17.46			
10	64QAM	1	25	17.47	17.51	17.49	17.48	17.45			
10	64QAM	1	49	17.43	17.43	17.42	17.42	17.42	18.5	0	
10	64QAM	25	0	17.55	17.52	17.52	17.53	17.48			
10	64QAM	25	12	17.50	17.46	17.51	17.43	17.40			
10	64QAM	25	25	17.53	17.53	17.57	17.50	17.57			
10	64QAM	50	0	17.40	17.48	17.39	17.40	17.44	Tune-up limit (dBm)	MPR (dB)	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	17.54	17.60	17.56	17.59	17.56	18.5	0	
5	QPSK	1	12	17.58	17.53	17.51	17.52	17.56			
5	QPSK	1	24	17.56	17.58	17.56	17.55	17.51			
5	QPSK	12	0	17.56	17.57	17.60	17.51	17.60			
5	QPSK	12	7	17.40	17.46	17.45	17.40	17.40	18.5	0	
5	QPSK	12	13	17.43	17.42	17.43	17.45	17.42			
5	QPSK	25	0	17.44	17.43	17.49	17.47	17.44			
5	16QAM	1	0	17.42	17.47	17.44	17.42	17.50			
5	16QAM	1	12	17.52	17.52	17.55	17.57	17.59	18.5	0	
5	16QAM	1	24	17.48	17.45	17.47	17.50	17.47			
5	16QAM	12	0	17.44	17.41	17.40	17.43	17.45			
5	16QAM	12	7	17.55	17.51	17.58	17.55	17.51			
5	16QAM	12	13	17.50	17.51	17.49	17.51	17.47	18.5	0	
5	16QAM	25	0	17.52	17.45	17.48	17.50	17.51			
5	64QAM	1	0	17.42	17.43	17.45	17.47	17.44			
5	64QAM	1	12	17.53	17.48	17.51	17.53	17.52			
5	64QAM	1	24	17.46	17.43	17.44	17.46	17.45	18.5	0	
5	64QAM	12	0	17.51	17.53	17.51	17.49	17.54			
5	64QAM	12	7	17.45	17.43	17.44	17.43	17.42			
5	64QAM	12	13	17.53	17.56	17.54	17.49	17.51			
5	64QAM	25	0	17.40	17.46	17.46	17.46	17.41	Tune-up limit (dBm)	MPR (dB)	

Band 41_Ant 2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.64	20.63	20.72	20.63	20.66	21.7	0	
20	QPSK	1	49	20.54	20.57	20.66	20.57	20.59			
20	QPSK	1	99	20.52	20.53	20.68	20.61	20.65			
20	QPSK	50	0	20.58	20.52	20.67	20.60	20.65			
20	QPSK	50	24	20.50	20.47	20.56	20.51	20.57	21.7	0	
20	QPSK	50	50	20.50	20.49	20.54	20.47	20.61			
20	QPSK	100	0	20.48	20.49	20.65	20.59	20.64			
20	16QAM	1	0	20.48	20.39	20.64	20.52	20.54			
20	16QAM	1	49	20.57	20.43	20.66	20.58	20.59	21.7	0	
20	16QAM	1	99	20.46	20.41	20.66	20.55	20.61			
20	16QAM	50	0	20.56	20.40	20.60	20.49	20.52			
20	16QAM	50	24	20.52	20.47	20.59	20.50	20.53			
20	16QAM	50	50	20.47	20.49	20.65	20.55	20.57	21.7	0	
20	16QAM	100	0	20.55	20.39	20.65	20.58	20.53			
20	64QAM	1	0	20.55	20.48	20.56	20.53	20.52	21.7	0	
20	64QAM	1	49	20.48	20.45	20.59	20.56	20.59			
20	64QAM	1	99	20.47	20.46	20.60	20.55	20.64			
20	64QAM	50	0	20.46	20.51	20.61	20.39	20.57			
20	64QAM	50	24	20.54	20.49	20.62	20.49	20.52	21.7	0	
20	64QAM	50	50	20.56	20.48	20.65	20.47	20.53			
20	64QAM	100	0	20.45	20.42	20.65	20.55	20.52			
Channel				39725	40173	40620	41068	41515			Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	20.66	20.65	20.69	20.69	20.64	21.7	0	
15	QPSK	1	37	20.58	20.62	20.63	20.59	20.60			
15	QPSK	1	74	20.67	20.66	20.67	20.58	20.60			
15	QPSK	36	0	20.61	20.54	20.64	20.54	20.66			
15	QPSK	36	20	20.52	20.48	20.46	20.46	20.50	21.7	0	
15	QPSK	36	39	20.53	20.53	20.47	20.49	20.46			
15	QPSK	75	0	20.62	20.64	20.55	20.62	20.63			
15	16QAM	1	0	20.57	20.54	20.63	20.59	20.61			
15	16QAM	1	37	20.59	20.6	20.60	20.62	20.63	21.7	0	
15	16QAM	1	74	20.63	20.63	20.58	20.60	20.65			
15	16QAM	36	0	20.59	20.59	20.57	20.53	20.57			
15	16QAM	36	20	20.50	20.57	20.50	20.56	20.56			
15	16QAM	36	39	20.62	20.63	20.59	20.56	20.64	21.7	0	
15	16QAM	75	0	20.59	20.61	20.60	20.62	20.55			
15	64QAM	1	0	20.51	20.46	20.55	20.50	20.53			
15	64QAM	1	37	20.49	20.5	20.57	20.54	20.54			
15	64QAM	1	74	20.53	20.5	20.50	20.49	20.59	21.7	0	
15	64QAM	36	0	20.53	20.56	20.54	20.56	20.53			
15	64QAM	36	20	20.52	20.52	20.52	20.51	20.52			
15	64QAM	36	39	20.6	20.59	20.62	20.58	20.60			
15	64QAM	75	0	20.55	20.63	20.59	20.55	20.63			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	20.62	20.65	20.68	20.68	20.66	21.7	0	
10	QPSK	1	25	20.50	20.61	20.60	20.60	20.57			
10	QPSK	1	49	20.58	20.64	20.66	20.58	20.61			
10	QPSK	25	0	20.62	20.66	20.57	20.60	20.57			
10	QPSK	25	12	20.53	20.52	20.52	20.52	20.49	21.7	0	
10	QPSK	25	25	20.46	20.44	20.51	20.53	20.44			
10	QPSK	50	0	20.58	20.55	20.57	20.51	20.58			
10	16QAM	1	0	20.58	20.62	20.58	20.60	20.55			
10	16QAM	1	25	20.59	20.56	20.56	20.62	20.60	21.7	0	
10	16QAM	1	49	20.61	20.65	20.62	20.64	20.60			
10	16QAM	25	0	20.58	20.53	20.50	20.52	20.50			
10	16QAM	25	12	20.49	20.51	20.56	20.49	20.58			
10	16QAM	25	25	20.57	20.56	20.64	20.61	20.59	21.7	0	
10	16QAM	50	0	20.62	20.63	20.61	20.62	20.55			
10	64QAM	1	0	20.51	20.47	20.63	20.50	20.46			
10	64QAM	1	25	20.52	20.57	20.57	20.51	20.58			
10	64QAM	1	49	20.55	20.56	20.59	20.57	20.59	21.7	0	
10	64QAM	25	0	20.55	20.56	20.58	20.56	20.53			
10	64QAM	25	12	20.56	20.60	20.56	20.58	20.55			
10	64QAM	25	25	20.61	20.62	20.56	20.60	20.61			
10	64QAM	50	0	20.59	20.56	20.62	20.57	20.57			
Channel				39675	40145	40620	41003	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2697.5			
5	QPSK	1	0	20.63	20.71	20.63	20.70	20.66	21.7	0	
5	QPSK	1	12	20.63	20.57	20.58	20.57	20.65			
5	QPSK	1	24	20.58	20.59	20.64	20.58	20.65			
5	QPSK	12	0	20.65	20.59	20.58	20.59	20.61			
5	QPSK	12	7	20.49	20.54	20.48	20.55	20.51	21.7	0	
5	QPSK	12	13	20.46	20.47	20.62	20.57	20.46			
5	QPSK	25	0	20.59	20.63	20.60	20.56	20.58			
5	16QAM	1	0	20.58	20.59	20.60	20.63	20.63			
5	16QAM	1	12	20.57	20.65	20.65	20.62	20.65	21.7	0	
5	16QAM	1	24	20.63	20.58	20.65	20.60	20.65			
5	16QAM	12	0	20.56	20.59	20.58	20.57	20.50			
5	16QAM	12	7	20.50	20.52	20.55	20.49	20.50			
5	16QAM	12	13	20.54	20.54	20.63	20.57	20.54	21.7	0	
5	16QAM	25	0	20.58	20.64	20.62	20.59	20.64			
5	64QAM	1	0	20.49	20.48	20.55	20.48	20.47			
5	64QAM	1	12	20.49	20.51	20.56	20.50	20.54			
5	64QAM	1	24	20.52	20.56	20.58	20.56	20.51	21.7	0	
5	64QAM	12	0	20.52	20.53	20.52	20.51	20.50			
5	64QAM	12	7	20.55	20.52	20.57	20.50	20.54			
5	64QAM	12	13	20.55	20.55	20.55	20.61	20.60			
5	64QAM	25	0	20.58	20.61	20.62	20.63	20.56			

Band 41_Ant 3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40145	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	19.10	19.01	19.11	19.08	19.03	20	0		
20	QPSK	1	49	18.99	18.91	19.02	19.04	18.91				
20	QPSK	1	99	19.05	18.92	19.03	19.03	18.95				
20	QPSK	50	0	18.97	18.99	19.03	19.01	18.91				
20	QPSK	50	24	18.95	18.87	18.98	18.99	18.91				
20	QPSK	50	50	18.95	18.97	18.97	18.93	18.86	20	0		
20	QPSK	100	0	18.94	18.95	18.97	18.97	18.94				
20	16QAM	1	0	18.84	18.91	18.97	18.89	18.80				
20	16QAM	1	49	18.92	18.94	19.01	18.89	18.80				
20	16QAM	1	99	18.89	18.97	18.93	18.90	18.88				
20	16QAM	50	0	18.90	18.96	18.95	18.91	18.84	20	0		
20	16QAM	50	24	18.95	18.92	18.96	18.95	18.86				
20	16QAM	50	50	18.87	18.95	19.00	18.93	18.82				
20	16QAM	100	0	18.92	18.87	18.92	18.98	18.86				
20	64QAM	1	0	18.95	18.88	18.99	18.88	18.79	20	0		
20	64QAM	1	49	18.86	18.88	18.94	18.94	18.86				
20	64QAM	1	99	18.92	18.89	18.98	18.89	18.89				
20	64QAM	50	0	18.91	18.89	18.95	18.94	18.90				
20	64QAM	50	24	18.92	18.92	18.91	18.99	18.87				
20	64QAM	50	50	18.94	18.86	18.98	18.92	18.82	20	0		
20	64QAM	100	0	18.84	18.96	18.98	18.88	18.89				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	19.03	19.07	19.05	19.05	19.05	20	0		
15	QPSK	1	37	19.01	19.00	19.01	18.95	18.93				
15	QPSK	1	74	18.99	18.93	19.01	18.93	19.00				
15	QPSK	36	0	18.95	18.99	19.01	18.93	18.97				
15	QPSK	36	20	18.90	18.95	18.92	18.88	18.94				
15	QPSK	36	39	18.93	18.93	18.91	18.89	18.89	20	0		
15	QPSK	75	0	18.87	18.90	18.88	18.91	18.88				
15	16QAM	1	0	18.94	18.96	18.91	18.93	18.88				
15	16QAM	1	37	18.91	18.91	18.99	18.94	18.95				
15	16QAM	1	74	18.91	18.85	18.93	18.91	18.90				
15	16QAM	36	0	18.90	18.89	18.93	18.89	18.90	20	0		
15	16QAM	36	20	18.91	18.90	18.93	18.89	18.89				
15	16QAM	36	39	18.94	18.94	18.90	18.90	18.99				
15	16QAM	75	0	18.88	18.83	18.82	18.85	18.89				
15	64QAM	1	0	18.94	18.96	18.93	18.92	18.89				
15	64QAM	1	37	18.87	18.88	18.97	18.91	18.90	20	0		
15	64QAM	1	74	18.90	18.96	18.92	18.96	18.89				
15	64QAM	36	0	18.89	18.93	18.88	18.93	18.86				
15	64QAM	36	20	18.82	18.85	18.88	18.83	18.85				
15	64QAM	36	39	18.95	18.88	18.97	18.96	18.90				
15	64QAM	75	0	18.97	18.95	18.95	18.95	18.93	20	0		
Channel				39700	40160	40620	41060	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	19.07	19.06	19.10	19.07	19.10	20	0		
10	QPSK	1	25	18.95	18.92	19.00	18.99	18.95				
10	QPSK	1	49	18.98	19.00	19.02	18.93	18.98				
10	QPSK	25	0	18.94	18.94	19.00	18.95	18.98				
10	QPSK	25	12	18.93	18.90	18.92	18.97	18.91				
10	QPSK	25	25	18.96	18.94	18.96	18.91	18.93	20	0		
10	QPSK	50	0	18.94	18.92	18.94	18.91	18.89				
10	16QAM	1	0	18.91	18.87	18.92	18.93	18.95				
10	16QAM	1	25	18.92	18.96	19.00	18.97	18.97				
10	16QAM	1	49	18.85	18.88	18.86	18.89	18.89				
10	16QAM	25	0	18.87	18.91	18.86	18.94	18.91	20	0		
10	16QAM	25	12	18.95	18.93	18.89	18.90	18.94				
10	16QAM	25	25	18.94	18.99	18.98	18.96	18.96				
10	16QAM	50	0	18.87	18.86	18.91	18.83	18.89				
10	64QAM	1	0	18.96	18.91	18.95	18.97	18.94				
10	64QAM	1	25	18.91	18.89	18.92	18.85	18.85	20	0		
10	64QAM	1	49	18.88	18.88	18.89	18.91	18.91				
10	64QAM	25	0	18.85	18.90	18.88	18.87	18.92				
10	64QAM	25	12	18.90	18.87	18.87	18.90	18.81				
10	64QAM	25	25	18.93	18.91	18.93	18.89	18.91				
10	64QAM	50	0	18.90	18.91	18.89	18.90	18.88	20	0		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	19.10	19.04	19.07	19.05	19.04	20	0		
5	QPSK	1	12	19.01	18.94	19.00	18.93	19.01				
5	QPSK	1	24	18.98	19.00	18.99	19.00	18.99				
5	QPSK	12	0	18.98	18.99	18.94	18.99	19.02				
5	QPSK	12	7	18.97	18.93	18.94	18.96	18.88				
5	QPSK	12	13	18.91	18.94	18.95	18.87	18.87	20	0		
5	QPSK	25	0	18.88	18.96	18.91	18.95	18.92				
5	16QAM	1	0	18.89	18.93	18.95	18.91	18.94				
5	16QAM	1	12	18.99	18.98	18.96	19.00	18.92				
5	16QAM	1	24	18.85	18.90	18.91	18.85	18.91				
5	16QAM	12	0	18.85	18.91	18.88	18.87	18.86	20	0		
5	16QAM	12	7	18.95	18.90	18.88	18.90	18.89				
5	16QAM	12	13	18.97	18.92	18.95	18.98	18.93				
5	16QAM	25	0	18.82	18.86	18.86	18.89	18.86				
5	64QAM	1	0	18.91	18.90	18.93	18.92	18.91				
5	64QAM	1	12	18.90	18.85	18.89	18.86	18.88	20	0		
5	64QAM	1	24	18.92	18.96	18.89	18.89	18.97				
5	64QAM	12	0	18.87	18.94	18.90	18.86	18.92				
5	64QAM	12	7	18.83	18.89	18.86	18.88	18.88				
5	64QAM	12	13	18.93	18.95	18.97	18.96	18.88				
5	64QAM	25	0	18.91	18.92	18.89	18.91	18.97				

Band 41_Ant 4														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40165	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	18.31	18.34	18.42	18.40	18.32			19.2	0		
20	QPSK	1	49	18.30	18.24	18.29	18.29	18.20						
20	QPSK	1	99	18.24	18.26	18.29	18.28	18.27						
20	QPSK	50	0	18.29	18.25	18.31	18.29	18.24						
20	QPSK	50	24	18.31	18.23	18.26	18.25	18.17						
20	QPSK	50	50	18.26	18.17	18.22	18.25	18.15			19.2	0		
20	QPSK	100	0	18.20	18.13	18.25	18.18	18.23						
20	16QAM	1	0	18.18	18.23	18.25	18.16	18.18						
20	16QAM	1	49	18.24	18.23	18.19	18.23	18.15						
20	16QAM	1	99	18.28	18.21	18.22	18.24	18.13						
20	16QAM	50	0	18.17	18.20	18.19	18.16	18.15			19.2	0		
20	16QAM	50	24	18.16	18.19	18.18	18.17	18.12						
20	16QAM	50	50	18.18	18.13	18.27	18.17	18.18						
20	16QAM	100	0	18.20	18.13	18.21	18.22	18.12						
20	64QAM	1	0	18.21	18.14	18.19	18.26	18.22						
20	64QAM	1	49	18.21	18.22	18.30	18.19	18.18			19.2	0		
20	64QAM	1	99	18.22	18.12	18.21	18.21	18.18						
20	64QAM	50	0	18.25	18.20	18.24	18.22	18.14						
20	64QAM	50	24	18.20	18.15	18.23	18.28	18.19						
20	64QAM	50	50	18.27	18.22	18.24	18.22	18.18						
20	64QAM	100	0	18.19	18.13	18.28	18.20	18.16						
Channel				39725	40173	40620	41068	41515						
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	18.32	18.41	18.35	18.34	18.37					19.2	0
15	QPSK	1	37	18.21	18.25	18.24	18.22	18.25						
15	QPSK	1	74	18.21	18.23	18.24	18.25	18.19						
15	QPSK	36	0	18.29	18.28	18.29	18.27	18.26						
15	QPSK	36	20	18.20	18.18	18.20	18.22	18.20						
15	QPSK	36	39	18.12	18.17	18.18	18.20	18.20			19.2	0		
15	QPSK	75	0	18.20	18.26	18.21	18.26	18.27						
15	16QAM	1	0	18.24	18.16	18.19	18.23	18.21						
15	16QAM	1	37	18.11	18.13	18.10	18.12	18.10						
15	16QAM	1	74	18.16	18.20	18.17	18.16	18.15						
15	16QAM	36	0	18.16	18.13	18.13	18.09	18.10			19.2	0		
15	16QAM	36	20	18.17	18.20	18.16	18.22	18.22						
15	16QAM	36	39	18.20	18.25	18.23	18.20	18.19						
15	16QAM	75	0	18.16	18.20	18.15	18.18	18.19						
15	64QAM	1	0	18.14	18.14	18.18	18.09	18.10						
15	64QAM	37	0	18.20	18.21	18.21	18.22	18.22			19.2	0		
15	64QAM	74	0	18.20	18.15	18.14	18.17	18.17						
15	64QAM	36	0	18.23	18.20	18.19	18.18	18.15						
15	64QAM	36	20	18.21	18.19	18.18	18.19	18.20						
15	64QAM	36	39	18.20	18.16	18.21	18.14	18.23						
15	64QAM	75	0	18.18	18.27	18.20	18.25	18.19						
Channel				39700	40160	40620	41080	41540						
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	18.40	18.37	18.39	18.35	18.39					19.2	0
10	QPSK	1	25	18.13	18.23	18.29	18.27	18.26						
10	QPSK	1	49	18.28	18.19	18.20	18.28	18.20						
10	QPSK	25	0	18.28	18.30	18.25	18.29	18.30						
10	QPSK	25	12	18.19	18.21	18.18	18.16	18.23						
10	QPSK	25	25	18.13	18.14	18.13	18.19	18.15			19.2	0		
10	QPSK	50	0	18.24	18.26	18.24	18.21	18.20						
10	16QAM	1	0	18.21	18.24	18.22	18.16	18.15						
10	16QAM	1	25	18.11	18.10	18.15	18.11	18.10						
10	16QAM	1	49	18.18	18.20	18.13	18.13	18.20						
10	16QAM	25	0	18.09	18.15	18.14	18.17	18.14			19.2	0		
10	16QAM	25	12	18.14	18.17	18.14	18.21	18.18						
10	16QAM	25	25	18.19	18.22	18.19	18.20	18.22						
10	64QAM	50	0	18.12	18.18	18.20	18.17	18.22						
10	64QAM	1	0	18.17	18.18	18.16	18.09	18.10						
10	64QAM	1	25	18.24	18.25	18.25	18.24	18.20			19.2	0		
10	64QAM	1	49	18.16	18.12	18.14	18.20	18.19						
10	64QAM	25	0	18.16	18.22	18.15	18.20	18.18						
10	64QAM	25	12	18.16	18.16	18.22	18.18	18.16						
10	64QAM	25	25	18.16	18.22	18.21	18.22	18.20						
10	64QAM	50	0	18.21	18.21	18.23	18.19	18.27			19.2	0		
Channel				39675	40148	40620	41093	41565						
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5						
5	QPSK	1	0	18.36	18.41	18.36	18.34	18.39					19.2	0
5	QPSK	1	12	18.24	18.19	18.20	18.19	18.22						
5	QPSK	1	24	18.23	18.28	18.23	18.24	18.25						
5	QPSK	12	0	18.25	18.29	18.22	18.29	18.21						
5	QPSK	12	7	18.21	18.18	18.16	18.17	18.23						
5	QPSK	1	13	18.16	18.17	18.20	18.17	18.13			19.2	0		
5	QPSK	25	0	18.27	18.28	18.25	18.25	18.28						
5	16QAM	1	0	18.23	18.20	18.23	18.19	18.19						
5	16QAM	1	12	18.09	18.15	18.10	18.15	18.12						
5	16QAM	1	24	18.16	18.13	18.16	18.21	18.14						
5	16QAM	12	0	18.10	18.18	18.15	18.09	18.16			19.2	0		
5	16QAM	12	7	18.16	18.20	18.21	18.22	18.18						
5	16QAM	12	13	18.19	18.20	18.17	18.23	18.22						
5	16QAM	25	0	18.16	18.13	18.13	18.19	18.11						
5	64QAM	1	0	18.10	18.15	18.14	18.13	18.13						
5	64QAM	1	12	18.26	18.27	18.25	18.22	18.28			19.2	0		
5	64QAM	1	24	18.14	18.13	18.14	18.12	18.12						
5	64QAM	12	0	18.15	18.19	18.18	18.23	18.19						
5	64QAM	12	7	18.16	18.20	18.18	18.14	18.17						
5	64QAM	12	13	18.14	18.23	18.15	18.17	18.17						
5	64QAM	25	0	18.18	18.19	18.25	18.21	18.24						



Default Power for EN-DC 5G NR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.43	23.43	23.53	25.0	0.0
100	QPSK	1	137	23.25	23.85	23.55		
100	QPSK	1	271	23.27	23.00	23.34		
100	QPSK	136	0	23.88	23.56	23.18	25.0	0.0
100	QPSK	136	69	23.10	23.54	23.37		
100	QPSK	136	138	22.28	22.36	22.36		
100	QPSK	270	0	22.00	22.54	22.28	24.0	1.0
100	16QAM	1	1	21.15	22.16	21.93	24.0	1.0
100	16QAM	1	1	19.82	20.64	20.37	22.5	2.5
100	256QAM	1	1	18.10	19.16	18.92	20.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	66968	66600	66232	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	66334	66000	66266	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.26	23.83	23.53	25.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.25	23.57	23.52	25.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.26	23.57	23.50	25.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.26	23.62	23.46	25.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.26	23.58	23.53	25.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.25	23.60	23.53	25.0	0.0

Par27Q n77_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	3498.98	3333.33		24.0	0.0
100	QPSK	1	137	22.23	22.51			
100	QPSK	1	271	22.43				
100	QPSK	136	0	21.52			24.0	0.0
100	QPSK	136	69	22.59				
100	QPSK	136	138	21.41				
100	QPSK	270	0	21.51			23.0	1.0
100	16QAM	1	1	21.12			23.0	1.0
100	16QAM	1	1	19.57			21.5	2.5
100	256QAM	1	1	18.36			19.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	63300	63332	63366	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.52	22.59	22.59	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.58	22.59	22.53	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.57	22.59	22.53	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	63168	63332	63500	Tune-up limit	MPR
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.60	22.59	22.54	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	63134	63332	63532	Tune-up limit	MPR
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.54	22.59	22.59	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	63100	63332	63532	Tune-up limit	MPR
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.60	22.57	22.60	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	63066	63332	63532	Tune-up limit	MPR
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.56	22.56	22.57	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	23.45	23.64	23.57	25.5	0.0
100	QPSK	1	137	23.52	23.85	23.95		
100	QPSK	1	271	23.30	23.59	23.53		
100	QPSK	136	0	23.29	23.53	23.42	25.5	0.0
100	QPSK	136	69	23.51	23.64	23.57		
100	QPSK	136	138	22.39	22.85	22.80		
100	QPSK	270	0	22.25	22.60	22.48	24.5	1.0
100	16QAM	1	1	21.90	22.17	22.13	24.5	1.0
100	16QAM	1	1	20.27	20.59	20.54	23.0	2.5
100	256QAM	1	1	19.82	19.10	19.02	21.0	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	66968	66600	66232	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	66334	66000	66266	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	23.40	23.81	23.53	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	23.43	23.64	23.55	25.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	23.46	23.67	23.55	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	23.40	23.65	23.50	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.39	23.62	23.54	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.39	23.64	23.50	25.5	0.0

Par27Q n77_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
100	QPSK	1	1	24.21			25.5	0.0
100	QPSK	1	137	24.21				
100	QPSK	1	271	24.03				
100	QPSK	135	0	23.20			25.5	0.0
100	QPSK	135	69	24.20				
100	QPSK	135	136	23.06				
100	QPSK	270	0	23.12			24.5	1.0
100	16QAM	1	1	22.66			24.5	1.0
100	64QAM	1	1	21.20			23.0	2.5
100	256QAM	1	1	19.70			21.0	4.5
Channel								
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR
90	QPSK	1	1	24.12	24.13	24.14	25.5	0.0
Channel								
Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR
80	QPSK	1	1	24.02	24.08	24.11	25.5	0.0
Channel								
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	24.10	24.13	24.15	25.5	0.0
Channel								
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR
90	QPSK	1	1	24.12	24.12	24.11	25.5	0.0
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR
40	QPSK	1	1	24.11	24.08	24.14	25.5	0.0
Channel								
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR
30	QPSK	1	1	24.10	24.14	24.13	25.5	0.0
Channel								
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR
20	QPSK	1	1	24.18	24.08	24.17	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	QPSK	1	1	22.31	22.72	22.91	25.0	0.0
100	QPSK	1	137	22.01	23.21	23.16		
100	QPSK	1	271	22.72	22.84	23.04		
100	QPSK	135	0	21.56	21.56	22.02	25.0	0.0
100	QPSK	135	69	23.00	23.18	23.17		
100	QPSK	135	138	21.81	22.04	22.16		
100	QPSK	270	0	21.64	22.05	22.01	24.0	1.0
100	16QAM	1	1	21.07	21.41	21.62	24.0	1.0
100	64QAM	1	1	19.96	19.86	20.10	22.5	2.5
100	256QAM	1	1	18.94	18.37	18.98	20.5	4.5
Channel								
Frequency (MHz)				669668	669000	669332	Tune-up limit (dBm)	MPR
90	QPSK	1	1	22.87	23.15	23.14	25.0	0.0
Channel								
Frequency (MHz)				669334	669000	669666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	22.87	23.15	23.16	25.0	0.0
Channel								
Frequency (MHz)				668668	669000	669332	Tune-up limit (dBm)	MPR
60	QPSK	1	1	22.79	23.12	23.17	25.0	0.0
Channel								
Frequency (MHz)				668334	669000	669666	Tune-up limit (dBm)	MPR
50	QPSK	1	1	22.86	23.14	23.14	25.0	0.0
Channel								
Frequency (MHz)				668000	669000	669000	Tune-up limit (dBm)	MPR
40	QPSK	1	1	22.86	23.16	23.12	25.0	0.0
Channel								
Frequency (MHz)				667668	669000	669332	Tune-up limit (dBm)	MPR
30	QPSK	1	1	22.79	23.14	23.09	25.0	0.0
Channel								
Frequency (MHz)				667334	669000	669666	Tune-up limit (dBm)	MPR
20	QPSK	1	1	22.87	23.20	23.10	25.0	0.0

Par27Q n77_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
100	QPSK	1	1	22.68			24.5	0.0
100	QPSK	1	137	22.12				
100	QPSK	1	271	22.90				
100	QPSK	135	0	22.06			24.5	0.0
100	QPSK	135	69	23.08				
100	QPSK	135	136	21.87				
100	QPSK	270	0	22.05			23.5	1.0
100	16QAM	1	1	21.66			23.5	1.0
100	64QAM	1	1	20.11			22.0	2.5
100	256QAM	1	1	18.59			20.0	4.5
Channel								
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR
90	QPSK	1	1	23.08	23.05	23.05	24.5	0.0
Channel								
Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR
80	QPSK	1	1	23.09	23.09	23.11	24.5	0.0
Channel								
Frequency (MHz)				632000	633332	634666	Tune-up limit (dBm)	MPR
80	QPSK	1	1	23.10	23.05	23.10	24.5	0.0
Channel								
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR
90	QPSK	1	1	23.08	23.05	23.09	24.5	0.0
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR
40	QPSK	1	1	23.05	23.06	23.09	24.5	0.0
Channel								
Frequency (MHz)				631000	633332	635666	Tune-up limit (dBm)	MPR
30	QPSK	1	1	23.11	23.10	23.10	24.5	0.0
Channel								
Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR
20	QPSK	1	1	23.08	23.05	23.03	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				6500.00	6600.00	6620.00		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	23.28	23.81	23.28		
100	QPSK	1	137	23.75	23.83	23.54	25.5	0.0
100	QPSK	1	271	23.67	23.21	23.04		
100	QPSK	135	0	23.58	22.81	22.04		
100	QPSK	135	69	23.66	23.74	23.50	25.5	0.0
100	QPSK	135	138	22.81	22.64	21.69		
100	QPSK	270	0	22.66	22.68	22.01	24.5	1.0
100	16QAM	1	1	21.84	22.41	21.81	24.5	1.0
100	64QAM	1	1	20.28	20.81	20.23	23.0	2.5
100	256QAM	1	1	18.80	19.35	18.74	21.0	4.5
Channel				668668	666000	662332	Tune-up limit	MPR
Frequency (MHz)				676132	673000	669268	(dBm)	(dB)
90	QPSK	1	1	23.11	23.52	23.33	25.5	0.0
Channel				668334	666000	663666	Tune-up limit	MPR
Frequency (MHz)				676333	674000	670999	(dBm)	(dB)
80	QPSK	1	1	23.70	23.74	23.30	25.5	0.0
Channel				648668	650000	653332	Tune-up limit	MPR
Frequency (MHz)				673132	674000	674868	(dBm)	(dB)
60	QPSK	1	1	23.86	23.77	23.27	25.5	0.0
Channel				648334	650000	653666	Tune-up limit	MPR
Frequency (MHz)				672333	674000	675499	(dBm)	(dB)
50	QPSK	1	1	23.69	23.79	23.33	25.5	0.0
Channel				648000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				671000	674000	676000	(dBm)	(dB)
40	QPSK	1	1	23.73	23.76	23.34	25.5	0.0
Channel				3715.02	3840.00	3964.98	Tune-up limit	MPR
Frequency (MHz)				6715.02	6740.00	6794.98	(dBm)	(dB)
30	QPSK	1	1	23.69	23.77	23.30	25.5	0.0
Channel				3718.01	3840.00	3968.99	Tune-up limit	MPR
Frequency (MHz)				6718.01	6740.00	6798.99	(dBm)	(dB)
20	QPSK	1	1	23.72	23.79	23.30	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)					3499.98			
100	QPSK	1	1		22.62			
100	QPSK	1	137		23.13		24.5	0.0
100	QPSK	1	271		23.06			
100	QPSK	135	0		23.58			
100	QPSK	135	69		23.10		24.5	0.0
100	QPSK	135	138		21.88			
100	QPSK	270	0		22.08		23.5	1.0
100	16QAM	1	1		21.53		23.5	1.0
100	64QAM	1	1		19.98		22.0	2.5
100	256QAM	1	1		18.50		20.0	4.5
Channel				633000	633332	633668	Tune-up limit	MPR
Frequency (MHz)				648500	649332	650168	(dBm)	(dB)
90	QPSK	1	1	23.11	23.10	23.06	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				648000	648668	649332	(dBm)	(dB)
80	QPSK	1	1	23.08	23.02	23.02	24.5	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				648000	648668	649332	(dBm)	(dB)
60	QPSK	1	1	23.08	23.01	22.97	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				647500	648668	649832	(dBm)	(dB)
50	QPSK	1	1	23.10	23.00	22.99	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				647000	648668	649668	(dBm)	(dB)
40	QPSK	1	1	23.03	22.96	22.97	24.5	0.0
Channel				631000	633332	635668	Tune-up limit	MPR
Frequency (MHz)				646500	648668	649500	(dBm)	(dB)
30	QPSK	1	1	23.07	23.03	23.01	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				646000	648668	649332	(dBm)	(dB)
20	QPSK	1	1	23.03	23.02	23.02	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)					3750			
100	QPSK	1	1		22.58			
100	QPSK	1	137		23.21		24.5	0.0
100	QPSK	1	271		23.19			
100	QPSK	135	0		21.88			
100	QPSK	135	69		23.16		24.5	0.0
100	QPSK	135	138		22.29			
100	QPSK	270	0		22.08		23.5	1.0
100	16QAM	1	1		21.27		23.5	1.0
100	64QAM	1	1		19.72		22.0	2.5
100	256QAM	1	1		18.26		20.0	4.5
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				676332	678000	679332	(dBm)	(dB)
90	QPSK	1	1	23.12	23.16	23.16	24.5	0.0
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				676332	678000	678666	(dBm)	(dB)
80	QPSK	1	1	23.12	23.20	23.13	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				676332	678000	678668	(dBm)	(dB)
60	QPSK	1	1	23.18	23.13	23.20	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				676332	678000	678668	(dBm)	(dB)
50	QPSK	1	1	23.14	23.14	23.16	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				676000	678000	679000	(dBm)	(dB)
40	QPSK	1	1	23.14	23.15	23.14	24.5	0.0
Channel				3715.02	3750.00	3784.98	Tune-up limit	MPR
Frequency (MHz)				6715.02	6750.00	6784.98	(dBm)	(dB)
30	QPSK	1	1	23.13	23.13	23.12	24.5	0.0
Channel				3718.01	3750.00	3784.99	Tune-up limit	MPR
Frequency (MHz)				6718.01	6750.00	6784.99	(dBm)	(dB)
20	QPSK	1	1	23.16	23.16	23.14	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		22.53		24.0	0.0
100	QPSK	1	137		22.52			
100	QPSK	1	271		22.52			
100	QPSK	135	0		21.65		24.0	0.0
100	QPSK	135	69		22.52			
100	QPSK	135	138		21.52			
100	QPSK	270	0		21.52		23.0	1.0
100	16QAM	1	1		21.22		23.0	1.0
100	16QAM	1	1		19.71		21.5	2.5
100	256QAM	1	1		18.27		21.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
90	QPSK	1	1	632668	633332	634000	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	632000	633332	634666	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
60	QPSK	1	1	631668	633332	635000	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
50	QPSK	1	1	631332	633332	635332	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
40	QPSK	1	1	631000	633332	635666	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
30	QPSK	1	1	630668	633332	636000	Tune-up limit (dBm)	MPR
Channel								
Frequency (MHz)								
20	QPSK	1	1	630000	633332	636666	Tune-up limit (dBm)	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		23.54		25.5	0.0	
100	QPSK	1	137		23.55				
100	QPSK	1	271		23.48				
100	QPSK	135	0		22.67		25.5	0.0	
100	QPSK	135	69		23.63				
100	QPSK	135	138		22.53				
100	QPSK	270	0		22.61		24.5	1.0	
100	16QAM	1	1		22.26		24.5	1.0	
100	16QAM	1	1		20.79		23.0	2.5	
100	256QAM	1	1		19.26		21.0	4.5	
Channel									
649668 650000 650332								Tune-up limit	MPR
Frequency (MHz)									
90	QPSK	1	1	23.66	23.60	23.63	25.5	0.0	
Channel									
649334 650000 650666								Tune-up limit	MPR
Frequency (MHz)									
80	QPSK	1	1	23.66	23.62	23.62	25.5	0.0	
Channel									
648666 650000 651332								Tune-up limit	MPR
Frequency (MHz)									
60	QPSK	1	1	23.61	23.55	23.53	25.5	0.0	
Channel									
648334 650000 651666								Tune-up limit	MPR
Frequency (MHz)									
50	QPSK	1	1	23.63	23.59	23.53	25.5	0.0	
Channel									
648000 650000 652000								Tune-up limit	MPR
Frequency (MHz)									
40	QPSK	1	1	23.57	23.60	23.58	25.5	0.0	
Channel									
647668 650000 652332								Tune-up limit	MPR
Frequency (MHz)									
30	QPSK	1	1	23.57	23.55	23.56	25.5	0.0	
Channel									
647334 650000 652666								Tune-up limit	MPR
Frequency (MHz)									
20	QPSK	1	1	23.64	23.57	23.57	25.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		23.52		25.5	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.51			
100	QPSK	135	0		23.05		25.5	0.0
100	QPSK	135	69		24.01			
100	QPSK	135	138		22.92			
100	QPSK	270	0		23.04		24.5	1.0
100	16QAM	1	1		22.53		23.0	2.5
100	256QAM	1	1		21.07		21.0	4.5
Channel								
633000 633332 633666								Tune-up limit MPR
Frequency (MHz)								
90	QPSK	1	1	24.02	24.02	24.03	24.01	25.5
Channel								
632668 633332 634000								Tune-up limit MPR
Frequency (MHz)								
80	QPSK	1	1	24.05	24.06	24.01	25.5	0.0
Channel								
632000 633332 634666								Tune-up limit MPR
Frequency (MHz)								
60	QPSK	1	1	24.04	24.03	24.04	25.5	0.0
Channel								
631668 633332 635000								Tune-up limit MPR
Frequency (MHz)								
50	QPSK	1	1	24.07	24.01	24.06	25.5	0.0
Channel								
631334 633332 635332								Tune-up limit MPR
Frequency (MHz)								
40	QPSK	1	1	24.08	24.04	24.05	25.5	0.0
Channel								
631000 633332 635666								Tune-up limit MPR
Frequency (MHz)								
30	QPSK	1	1	24.00	24.00	24.06	25.5	0.0
Channel								
630668 633332 636000								Tune-up limit MPR
Frequency (MHz)								
20	QPSK	1	1	24.06	24.01	24.05	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	22.82			24.5	0.0
100	QPSK	1	137	23.17				
100	QPSK	1	271	23.12				
100	QPSK	135	69	21.85			24.5	0.0
100	QPSK	135	69	23.03				
100	QPSK	135	138	22.19				
100	QPSK	270	0	22.33		23.5	23.5	1.0
100	16QAM	1	1	21.44		23.5	23.5	1.0
100	16QAM	1	1	19.88		22.0	22.0	2.5
100	256QAM	1	1	18.41		20.0	20.0	4.5
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648312	649000	650188	(dBm)	
90	QPSK	1	1	23.11	23.16	23.15	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649001	649000	649999	(dBm)	
80	QPSK	1	1	23.10	23.15	23.15	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				672000	3750	3763.98	(dBm)	
60	QPSK	1	1	23.07	23.10	23.13	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3723.01	3750	3774.98	(dBm)	
50	QPSK	1	1	23.09	23.09	23.19	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3760	(dBm)	
40	QPSK	1	1	23.07	23.14	23.09	24.5	0.0
Channel				641198	650000	642202	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3764.98	(dBm)	
30	QPSK	1	1	23.09	23.13	23.15	24.5	0.0
Channel				642314	650000	642706	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3769.99	(dBm)	
20	QPSK	1	1	23.01	23.08	23.09	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	22.84			24.5	0.0
100	QPSK	1	137	23.01				
100	QPSK	1	271	22.84				
100	QPSK	135	69	22.01			24.5	0.0
100	QPSK	135	69	23.00				
100	QPSK	135	138	21.99				
100	QPSK	270	0	22.07		23.5	23.5	1.0
100	16QAM	1	1	21.81		23.5	23.5	1.0
100	16QAM	1	1	20.06		22.0	22.0	2.5
100	256QAM	1	1	18.61		20.0	20.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				632666	633000	633666	(dBm)	
90	QPSK	1	1	22.97	22.94	22.93	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.98	3469.98	3470	(dBm)	
80	QPSK	1	1	22.96	22.91	22.88	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3469.98	3470.98	(dBm)	
60	QPSK	1	1	22.91	22.85	22.85	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3470.02	3469.98	3469	(dBm)	
50	QPSK	1	1	22.89	22.89	22.88	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3469.98	(dBm)	
40	QPSK	1	1	22.89	22.88	22.90	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3464.99	(dBm)	
30	QPSK	1	1	22.94	22.89	22.85	24.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3460	(dBm)	
20	QPSK	1	1	22.94	22.89	22.86	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	23.78			25.5	0.0
100	QPSK	1	137	23.75				
100	QPSK	1	271	23.77				
100	QPSK	135	6	23.82			25.5	0.0
100	QPSK	135	69	23.84				
100	QPSK	135	138	22.72				
100	QPSK	270	0	22.95			24.5	1.0
100	16QAM	1	1	21.87			24.5	1.0
100	16QAM	1	1	20.35			23.0	2.5
100	256QAM	1	1	18.91			21.0	4.5
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648307	649702	649549	(dBm)	
90	QPSK	1	1	23.74	23.71	23.71	25.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				648101	3750	3760.99	(dBm)	
80	QPSK	1	1	23.70	23.70	23.70	25.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3750.02	3750	3760.98	(dBm)	
60	QPSK	1	1	23.63	23.62	23.69	25.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3750.01	3750	3764.98	(dBm)	
50	QPSK	1	1	23.66	23.67	23.61	25.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3750	3750	3760	(dBm)	
40	QPSK	1	1	23.61	23.67	23.69	25.5	0.0
Channel				641198	650000	652132	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3764.98	(dBm)	
30	QPSK	1	1	23.68	23.68	23.64	25.5	0.0
Channel				649334	650000	649702	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3769.99	(dBm)	
20	QPSK	1	1	23.68	23.65	23.62	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	22.84			24.5	0.0
100	QPSK	1	137	23.09				
100	QPSK	1	271	23.08				
100	QPSK	135	6	22.94			24.5	0.0
100	QPSK	135	69	22.98				
100	QPSK	135	138	22.02				
100	QPSK	270	0	22.06			23.5	1.0
100	16QAM	1	1	21.88			23.5	1.0
100	16QAM	1	1	20.06			22.0	2.5
100	256QAM	1	1	18.62			20.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3469	3469.98	3469.99	(dBm)	
90	QPSK	1	1	23.04	23.06	23.03	24.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.00	3469.98	3470	(dBm)	
80	QPSK	1	1	22.99	22.99	22.97	24.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3460	3469.98	3469.99	(dBm)	
60	QPSK	1	1	23.02	23.00	23.01	24.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3469	(dBm)	
50	QPSK	1	1	23.01	22.98	23.00	24.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3469.98	(dBm)	
40	QPSK	1	1	23.03	23.05	22.96	24.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3464.99	(dBm)	
30	QPSK	1	1	23.02	23.04	23.01	24.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3460	(dBm)	
20	QPSK	1	1	22.99	22.97	22.95	24.5	0.0



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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 660000	Power Middle Ch. / Freq. 660000	Power High Ch. / Freq. 660000	Tune-up Int. (dBm)	MPR (dB)	
Channel				3750	3840	3930			
100	QPSK	1	1	13.81	14.09	13.79			
100	QPSK	1	137	14.00	14.04	13.92	15.5	0.0	
100	QPSK	1	271	13.85	13.98	13.91			
100	QPSK	135	0	13.76	13.95	13.77	15.5	0.0	
100	QPSK	135	69	13.90	14.02	13.83			
100	QPSK	135	138	13.84	14.01	13.70			
100	QPSK	210	0	13.78	13.85	13.73	15.5	0.0	
100	16QAM	1	1	13.88	13.85	13.73	15.5	0.0	
100	16QAM	1	1	13.88	13.85	13.89	15.5	0.0	
100	256QAM	1	1	13.82	13.85	13.80	15.5	0.0	
Channel				649668	650000	650332	lim	MPR	
Frequency (MHz)				3749.00	3840	3934.98	(dB)		
90	QPSK	1	1	13.94	13.99	13.87	15.5	0.0	
Channel				649334	650000	650666	lim	MPR	
Frequency (MHz)				3749.01	3840	3939.98	(dB)		
80	QPSK	1	1	13.90	14.01	13.82	15.5	0.0	
Channel				648668	650000	651332	lim	MPR	
Frequency (MHz)				3720.02	3840	3943.98	(dB)		
60	QPSK	1	1	13.95	13.94	13.82	15.5	0.0	
Channel				648334	650000	650666	lim	MPR	
Frequency (MHz)				3720.01	3840	3954.99	(dB)		
50	QPSK	1	1	13.92	14.01	13.88	15.5	0.0	
Channel				648000	650000	649000	lim	MPR	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	13.96	13.95	13.85	15.5	0.0	
Channel				647668	650000	649332	lim	MPR	
Frequency (MHz)				3715.02	3840.00	3964.98	(dB)		
30	QPSK	1	1	13.96	13.95	13.86	15.5	0.0	
Channel				647334	650000	649666	lim	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dB)		
20	QPSK	1	1	13.91	13.95	13.84	15.5	0.0	

Par27Q n77_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel				3499.98					
Frequency (MHz)				633332					
100	QPSK	1	1		12.85				
100	QPSK	1	137		13.07		14.5	0.0	
100	QPSK	1	271		12.85				
100	QPSK	135	0		12.85				
100	QPSK	135	69		12.87		14.5	0.0	
100	QPSK	135	138		12.71				
100	QPSK	210	0		12.76		14.5	0.0	
100	16QAM	1	1		12.86		14.5	0.0	
100	16QAM	1	1		12.86		14.5	0.0	
100	256QAM	1	1		12.87		14.5	0.0	
Channel				633000	633332	633668	lim	MPR	
Frequency (MHz)				3499	3499.98	3500.98	(dB)		
90	QPSK	1	1	12.76	12.85	12.83	14.5	0.0	
Channel				632668	633332	634000	lim	MPR	
Frequency (MHz)				3499.02	3499.98	3500	(dB)		
80	QPSK	1	1	12.74	12.86	12.80	14.5	0.0	
Channel				632000	633332	634668	lim	MPR	
Frequency (MHz)				3499	3499.98	3500.98	(dB)		
60	QPSK	1	1	12.72	12.78	12.84	14.5	0.0	
Channel				631668	633332	635000	lim	MPR	
Frequency (MHz)				3479.02	3499.98	3520	(dB)		
50	QPSK	1	1	12.69	12.86	12.76	14.5	0.0	
Channel				631334	633332	635334	lim	MPR	
Frequency (MHz)				3479.01	3499.98	3529.98	(dB)		
40	QPSK	1	1	12.69	12.81	12.79	14.5	0.0	
Channel				631000	633332	635668	lim	MPR	
Frequency (MHz)				3465	3499.98	3534.98	(dB)		
30	QPSK	1	1	12.69	12.81	12.76	14.5	0.0	
Channel				630668	633332	636000	lim	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dB)		
20	QPSK	1	1	12.76	12.85	12.79	14.5	0.0	

Par270 n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 660000	Power Middle Ch. / Freq. 660000	Power High Ch. / Freq. 660000	Tune-up Int. (dBm)	MPR (dB)	
Channel				3750	3840	3930			
Frequency (MHz)									
100	QPSK	1	1	13.49	13.53	13.45			
100	QPSK	1	137	13.52	13.67	13.50	15.5	0.0	
100	QPSK	1	271	13.48	13.51	13.40			
100	QPSK	135	0	13.40	13.51	13.35			
100	QPSK	135	69	13.62	13.53	13.50	15.5	0.0	
100	QPSK	135	138	13.31	13.51	13.40			
100	QPSK	210	0	13.29	13.51	13.43	15.5	0.0	
100	16QAM	1	1	13.31	13.42	13.36	15.5	0.0	
100	16QAM	1	1	13.30	13.46	13.43	15.5	0.0	
100	256QAM	1	1	13.35	13.52	13.37	15.5	0.0	
Channel				649668	650000	650332	lim	MPR	
Frequency (MHz)				3749.00	3840	3934.98	(dB)		
90	QPSK	1	1	13.29	13.47	13.37	15.5	0.0	
Channel				649334	650000	650666	lim	MPR	
Frequency (MHz)				3749.01	3840	3939.98	(dB)		
80	QPSK	1	1	13.31	13.52	13.43	15.5	0.0	
Channel				648668	650000	651332	lim	MPR	
Frequency (MHz)				3720.02	3840	3943.98	(dB)		
60	QPSK	1	1	13.36	13.47	13.45	15.5	0.0	
Channel				648334	650000	650666	lim	MPR	
Frequency (MHz)				3720.01	3840	3954.99	(dB)		
50	QPSK	1	1	13.35	13.43	13.44	15.5	0.0	
Channel				648000	650000	649000	lim	MPR	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	13.32	13.46	13.38	15.5	0.0	
Channel				647668	650000	649332	lim	MPR	
Frequency (MHz)				3715.02	3840.00	3964.98	(dB)		
30	QPSK	1	1	13.35	13.40	13.35	15.5	0.0	
Channel				647334	650000	649666	lim	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dB)		
20	QPSK	1	1	13.31	13.47	13.44	15.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
				3499.98				
100	QPSK	1	1	14.00			15.5	0.0
100	QPSK	1	137	14.13				
100	QPSK	1	271	14.03				
100	QPSK	135	0	14.05			15.5	0.0
100	QPSK	135	69	14.08				
100	QPSK	135	136	14.02				
100	QPSK	270	0	14.01			15.5	0.0
100	16QAM	1	1	14.02			15.5	0.0
100	64QAM	1	1	13.98			15.5	0.0
100	256QAM	1	1	13.98			15.5	0.0
Channel								
Frequency (MHz)				633332				
				633666				
90	QPSK	1	1	13.94	14.05	13.79	15.5	0.0
Channel								
Frequency (MHz)				633668				
				634000				
80	QPSK	1	1	13.85	14.05	13.78	15.5	0.0
Channel								
Frequency (MHz)				632000				
				633332				
60	QPSK	1	1	13.93	13.99	13.81	15.5	0.0
Channel								
Frequency (MHz)				631668				
				635000				
50	QPSK	1	1	13.85	13.99	13.82	15.5	0.0
Channel								
Frequency (MHz)				631334				
				635332				
40	QPSK	1	1	13.95	14.06	13.75	15.5	0.0
Channel								
Frequency (MHz)				631000				
				633332				
30	QPSK	1	1	13.89	14.01	13.86	15.5	0.0
Channel								
Frequency (MHz)				630668				
				633332				
20	QPSK	1	1	13.86	13.98	13.76	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
				660000				
100	QPSK	1	1	13.35	13.47	13.30	15.5	0.0
100	QPSK	1	137	13.52	13.54	13.51		
100	QPSK	1	271	13.40	13.49	13.39		
100	QPSK	135	0	13.38	13.39	13.33	15.5	0.0
100	QPSK	135	69	13.52	13.53	13.51		
100	QPSK	135	138	13.33	13.47	13.24		
100	QPSK	270	0	13.33	13.43	13.25	15.5	0.0
100	16QAM	1	1	13.33	13.48	13.21	15.5	0.0
100	64QAM	1	1	13.31	13.43	13.24	15.5	0.0
100	256QAM	1	1	13.32	13.40	13.27	15.5	0.0
Channel								
Frequency (MHz)				669668				
				665000				
90	QPSK	1	1	13.43	13.44	13.43	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				669334				
				665000				
80	QPSK	1	1	13.37	13.38	13.30	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				668668				
				665000				
60	QPSK	1	1	13.29	13.48	13.19	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				668334				
				665000				
50	QPSK	1	1	13.25	13.41	13.25	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				668000				
				665000				
40	QPSK	1	1	13.26	13.40	13.31	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				667668				
				665000				
30	QPSK	1	1	13.36	13.38	13.22	Tune-up limit (dB)	MPR
Channel								
Frequency (MHz)				667334				
				665000				
20	QPSK	1	1	13.28	13.39	13.25	Tune-up limit (dB)	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
				3499.98				
100	QPSK	1	1	13.38			15.0	0.0
100	QPSK	1	137	13.47				
100	QPSK	1	271	13.46				
100	QPSK	135	0	13.37			15.0	0.0
100	QPSK	135	69	13.41				
100	QPSK	135	136	13.29				
100	QPSK	270	0	13.30			15.0	0.0
100	16QAM	1	1	13.29			15.0	0.0
100	64QAM	1	1	13.30			15.0	0.0
100	256QAM	1	1	13.37			15.0	0.0
Channel								
Frequency (MHz)				633332				
				633666				
90	QPSK	1	1	13.22	13.39	13.34	15.0	0.0
Channel								
Frequency (MHz)				632668				
				634000				
80	QPSK	1	1	13.22	13.34	13.30	15.0	0.0
Channel								
Frequency (MHz)				632000				
				633332				
60	QPSK	1	1	13.23	13.30	13.34	15.0	0.0
Channel								
Frequency (MHz)				631668				
				635000				
50	QPSK	1	1	13.31	13.34	13.30	15.0	0.0
Channel								
Frequency (MHz)				631334				
				635332				
40	QPSK	1	1	13.26	13.32	13.25	15.0	0.0
Channel								
Frequency (MHz)				631000				
				633332				
30	QPSK	1	1	13.30	13.30	13.31	15.0	0.0
Channel								
Frequency (MHz)				630668				
				633332				
20	QPSK	1	1	13.32	13.39	13.26	15.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1	21.47	21.54	21.59			
100	QPSK	1	137	21.55	21.62	21.69	23.5	0.0	
100	QPSK	1	271	21.45	21.61	21.61			
100	QPSK	135	0	21.42	21.44	21.44			
100	QPSK	135	69	21.49	21.52	21.49	23.5	0.0	
100	QPSK	135	135	21.43	21.46	21.47			
100	QPSK	235	0	21.46	21.50	21.47	23.5	0.0	
100	16QAM	1	1	21.33	21.39	21.36	23.5	0.0	
100	64QAM	1	1	20.85	20.94	21.02	23.0	0.5	
100	256QAM	1	1	18.97	19.02	18.96	21.0	2.5	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.43	21.49	21.49	23.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.40	21.51	21.41	23.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.45	21.42	21.43	23.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.47	21.46	21.41	23.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.44	21.45	21.42	23.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.43	21.45	21.43	23.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.40	21.44	21.41	23.5	0.0	

Par27Q n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		20.92				
100	QPSK	1	137		20.93		22.5	0.0	
100	QPSK	1	271		20.87				
100	QPSK	135	0		20.81				
100	QPSK	135	69		20.82		22.5	0.0	
100	QPSK	135	135		20.83				
100	QPSK	270	0		20.86		22.5	0.0	
100	16QAM	1	1		20.76		22.0	0.5	
100	64QAM	1	1		20.35		22.0	0.5	
100	256QAM	1	1		18.39		20.0	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.91	20.85	20.85	22.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.86	20.82	20.89	22.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.87	20.84	20.89	22.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.85	20.88	20.84	22.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.91	20.85	20.82	22.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.90	20.86	20.85	22.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.89	20.85	20.89	22.5	0.0	

Part270 n78_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	QPSK	1	1		13.46		15.0	0.0	
100	QPSK	1	137		13.57				
100	QPSK	1	271		13.54				
100	QPSK	135	0		13.47		15.0	0.0	
100	QPSK	135	69		13.56				
100	QPSK	135	135		13.55				
100	QPSK	270	0		13.46		15.0	0.0	
100	16QAM	1	1		13.50		15.0	0.0	
100	64QAM	1	1		13.53		15.0	0.0	
100	256QAM	1	1		13.44		15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	13.45	13.52	13.54	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	13.53	13.48	13.54	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	13.50	13.49	13.51	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.45	13.50	13.54	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	13.48	13.48	13.47	15.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.53	13.54	13.49	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.54	13.54	13.52	15.0	0.0	

Par27Q n78_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	QPSK	1	1	12.83	3469.98		
100	QPSK	1	137	12.95			
100	QPSK	1	271	12.84			14.5
100	QPSK	135	0	12.82			
100	QPSK	135	69	12.83			14.5
100	QPSK	135	135	12.77			
100	QPSK	210	0	12.73			14.5
100	16QAM	1	1	12.79			14.5
100	16QAM	1	1	12.81			14.5
100	256QAM	1	1	12.73			14.5
Channel							
Frequency (MHz)							
90	QPSK	1	1	12.87	12.84	12.76	14.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	12.83	12.84	12.76	14.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	12.88	12.89	12.76	14.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	12.86	12.90	12.83	14.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	12.82	12.88	12.82	14.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	12.85	12.84	12.77	14.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	12.80	12.90	12.75	14.5

Part270 n78_Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	QPSK	1	1		3750		
100	QPSK	1	137		13.10		
100	QPSK	1	271		13.12		15.0
100	QPSK	135	0		13.08		
100	QPSK	135	69		13.01		15.0
100	QPSK	135	135		13.10		15.0
100	QPSK	210	0		12.98		15.0
100	16QAM	1	1		13.05		15.0
100	16QAM	1	1		13.00		15.0
100	16QAM	1	1		12.96		15.0
100	256QAM	1	1		12.96		15.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	12.79	12.81	12.77	15.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	12.91	12.80	12.88	15.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	12.82	12.82	12.79	15.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	12.90	12.74	12.78	15.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	12.80	12.79	12.85	15.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	12.87	12.74	12.75	15.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	12.84	12.72	12.80	15.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	QPSK	1	1		3499.98		
100	QPSK	1	137		13.23		
100	QPSK	1	271		13.40		15.0
100	QPSK	135	0		13.16		
100	QPSK	135	69		13.28		15.0
100	QPSK	135	135		13.26		15.0
100	QPSK	210	0		13.21		15.0
100	16QAM	1	1		13.23		15.0
100	16QAM	1	1		13.26		15.0
100	256QAM	1	1		13.22		15.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	13.12	13.08	12.99	15.0
Channel							
Frequency (MHz)							
80	QPSK	1	1	13.09	13.06	13.04	15.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	13.09	13.04	13.01	15.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	13.14	13.10	13.03	15.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	13.15	13.09	12.98	15.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	13.13	13.02	13.04	15.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	13.18	13.07	12.95	15.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	13.98			15.5	0.0
100	QPSK	1	137	14.00				
100	QPSK	1	271	13.98				
100	QPSK	135	69	13.92			15.5	0.0
100	QPSK	135	69	13.99				
100	QPSK	135	138	13.87				
100	QPSK	220	0	13.87			15.5	0.0
100	16QAM	1	1	13.97			15.5	0.0
100	16QAM	1	1	13.96			15.5	0.0
100	256QAM	1	1	13.97			15.5	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648302	649000	649298	(dBm)	
90	QPSK	1	1	13.84	13.87	13.75	15.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649201	649000	649199	(dBm)	
80	QPSK	1	1	13.91	13.91	13.75	15.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				672000	3750	3763.98	(dBm)	
60	QPSK	1	1	13.86	13.84	13.78	15.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				672501	3750	3774.98	(dBm)	
50	QPSK	1	1	13.93	13.92	13.73	15.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3760	(dBm)	
40	QPSK	1	1	13.95	13.87	13.78	15.5	0.0
Channel				641000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3764.98	(dBm)	
30	QPSK	1	1	13.93	13.92	13.75	15.5	0.0
Channel				642314	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3769.99	(dBm)	
20	QPSK	1	1	13.94	13.85	13.83	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	13.83			15.5	0.0
100	QPSK	1	137	13.91				
100	QPSK	1	271	13.86				
100	QPSK	135	69	13.83			15.5	0.0
100	QPSK	135	69	13.85				
100	QPSK	135	138	13.77				
100	QPSK	220	0	13.72			15.5	0.0
100	16QAM	1	1	13.76			15.5	0.0
100	16QAM	1	1	13.80			15.5	0.0
100	256QAM	1	1	13.79			15.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				2500	3469.98	3498.98	(dBm)	
90	QPSK	1	1	13.83	13.73	13.73	15.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.98	3469.98	3470	(dBm)	
80	QPSK	1	1	13.75	13.63	13.73	15.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3469.98	3418.98	(dBm)	
60	QPSK	1	1	13.83	13.70	13.75	15.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3469.98	3504	(dBm)	
50	QPSK	1	1	13.79	13.64	13.80	15.5	0.0
Channel				631294	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3469.98	3529.98	(dBm)	
40	QPSK	1	1	13.80	13.64	13.79	15.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3469.98	3534.99	(dBm)	
30	QPSK	1	1	13.84	13.71	13.77	15.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3469.98	3540	(dBm)	
20	QPSK	1	1	13.80	13.72	13.81	15.5	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	QPSK	1	1	22.04			24.0	0.0
100	QPSK	1	137	22.10				
100	QPSK	1	271	22.11				
100	QPSK	135	0	21.98				
100	QPSK	135	69	22.06			24.0	0.0
100	QPSK	135	138	22.06				
100	QPSK	270	0	22.03			24.0	0.0
100	16QAM	1	1	22.03			24.0	0.0
100	16QAM	1	1	21.98			23.0	1.0
100	16QAM	1	1	21.9			21.0	3.0
Channel								
Frequency (MHz)				649568	650000	650332	limit	MPR
Frequency (MHz)				3768.02	3760	3768.98		
80	QPSK	1	1	22.04	22.06	22.04	24.0	0.0
Channel								
Frequency (MHz)				649534	650000	650566	limit	MPR
Frequency (MHz)				3768.01	3760	3768.99		
80	QPSK	1	1	22.04	22.06	22.07	24.0	0.0
Channel								
Frequency (MHz)				648568	650000	651532	limit	MPR
Frequency (MHz)				3750.02	3750	3750.98		
80	QPSK	1	1	22.07	22.09	22.07	24.0	0.0
Channel								
Frequency (MHz)				648534	650000	651666	limit	MPR
Frequency (MHz)				3750.01	3750	3750.99		
50	QPSK	1	1	22.02	22.06	22.07	24.0	0.0
Channel								
Frequency (MHz)				3720	3750	3780	limit	MPR
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.10	22.01	22.01	24.0	0.0
Channel								
Frequency (MHz)				3718.02	3750.00	3784.98	limit	MPR
Frequency (MHz)				3718.02	3750.00	3784.98		
30	QPSK	1	1	22.03	22.10	22.00	24.0	0.0
Channel								
Frequency (MHz)				3710.01	3750	3780.99	limit	MPR
Frequency (MHz)				3710.01	3750	3780.99		
20	QPSK	1	1	22.02	22.01	22.08	24.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3499.98				
100	QPSK	1	1	21.29				
100	QPSK	1	137	21.30			23.0	0.0
100	QPSK	1	271	21.33				
100	QPSK	135	0	21.19				
100	QPSK	135	69	21.29			23.0	0.0
100	QPSK	135	138	21.21				
100	QPSK	270	0	21.21			23.0	0.0
100	16QAM	1	1	21.25			23.0	0.0
100	16QAM	1	1	20.98			22.0	1.0
100	16QAM	1	1	19.29			20.0	3.0
Channel								
Frequency (MHz)				633000	633332	633666	limit	MPR
Frequency (MHz)				3460	3499.98	3534.98		
50	QPSK	1	1	21.21	21.21	21.29	23.0	0.0
Channel								
Frequency (MHz)				632068	633332	634600	limit	MPR
Frequency (MHz)				3460.02	3499.98	3534.98		
80	QPSK	1	1	21.29	21.22	21.22	23.0	0.0
Channel								
Frequency (MHz)				632000	633332	634666	limit	MPR
Frequency (MHz)				3460	3499.98	3534.98		
60	QPSK	1	1	21.26	21.22	21.21	23.0	0.0
Channel								
Frequency (MHz)				631768	633332	635000	limit	MPR
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.23	21.29	21.23	23.0	0.0
Channel								
Frequency (MHz)				631934	633332	634832	limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.31	21.28	21.29	23.0	0.0
Channel								
Frequency (MHz)				631900	633332	634866	limit	MPR
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.25	21.28	21.24	23.0	0.0
Channel								
Frequency (MHz)				632016	633332	635000	limit	MPR
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.27	21.27	21.22	23.0	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)				15.37	15.39	15.42	
100	QPSK	1	1	15.37	15.39	15.42	18.0
100	QPSK	1	137	15.42	15.41	15.36	0.0
100	QPSK	1	271	15.30	15.48	15.23	
100	QPSK	136	0	15.33	15.41	15.25	
100	QPSK	136	69	15.40	15.42	15.26	18.0
100	QPSK	136	138	15.39	15.31	15.20	
100	QPSK	270	0	15.27	15.37	15.18	0.0
100	16QAM	1	1	15.27	15.37	15.14	0.0
100	16QAM	1	1	15.32	15.33	15.24	0.0
100	256QAM	1	1	15.29	15.30	15.19	0.0
Channel				65668	65600	65232	Tune-up limit
Frequency (MHz)				315.02	314.00	313.00	MPR (dB)
90	QPSK	1	1	315.02	315.30	315.17	0.0
Channel				66334	65600	65266	Tune-up limit
Frequency (MHz)				316.01	314.00	313.00	MPR (dB)
80	QPSK	1	1	316.01	316.30	316.17	0.0
Channel				64898	65600	65332	Tune-up limit
Frequency (MHz)				319.00	314.00	314.98	MPR (dB)
60	QPSK	1	1	319.00	316.30	316.17	0.0
Channel				64834	65600	65366	Tune-up limit
Frequency (MHz)				315.01	314.00	314.58	MPR (dB)
50	QPSK	1	1	315.01	316.30	316.18	0.0
Channel				64800	65600	65400	Tune-up limit
Frequency (MHz)				317.00	314.00	314.00	MPR (dB)
40	QPSK	1	1	317.00	316.30	316.19	0.0
Channel				3715.02	3840.00	3964.98	Tune-up limit
Frequency (MHz)				15.37	15.36	15.18	MPR (dB)
30	QPSK	1	1	15.37	15.36	15.18	0.0
Channel				3710.01	3840.00	3969.99	Tune-up limit
Frequency (MHz)				15.31	15.34	15.20	MPR (dB)
20	QPSK	1	1	15.31	15.34	15.20	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				63333			
Frequency (MHz)				3499.98			
100	QPSK	1	1	3499.98	15.43		17.0
100	QPSK	1	137		15.33		0.0
100	QPSK	1	271		15.42		
100	QPSK	136	0		15.41		
100	QPSK	136	69		15.43		17.0
100	QPSK	136	138		15.41		
100	QPSK	270	0		15.34		0.0
100	16QAM	1	1		15.42		0.0
100	16QAM	1	1		15.37		0.0
100	256QAM	1	1		15.32		0.0
Channel				63300	63332	63366	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
90	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63268	63332	63400	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
80	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63200	63332	63466	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
60	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63168	63332	63500	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
50	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63134	63332	63532	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
40	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63100	63332	63566	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
30	QPSK	1	1	3499.98	3500.00	3500.02	0.0
Channel				63068	63332	63600	Tune-up limit
Frequency (MHz)				3499.98	3500.00	3500.02	MPR (dB)
20	QPSK	1	1	3499.98	3500.00	3500.02	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)				15.40	15.44	15.50	
100	QPSK	1	1	15.40	15.44	15.50	17.5
100	QPSK	1	137	15.42	15.45	15.40	0.0
100	QPSK	1	271	15.39	15.58	15.55	
100	QPSK	136	0	15.48	15.53	15.52	
100	QPSK	136	69	15.59	15.61	15.58	17.5
100	QPSK	136	138	15.47	15.48	15.49	
100	QPSK	270	0	15.47	15.62	15.45	0.0
100	16QAM	1	1	15.54	15.54	15.48	17.5
100	16QAM	1	1	15.56	15.49	15.52	0.0
100	256QAM	1	1	15.56	15.56	15.53	0.0
Channel				64968	64900	64532	Tune-up limit
Frequency (MHz)				315.02	314.00	313.00	MPR (dB)
90	QPSK	1	1	315.02	315.30	315.17	0.0
Channel				64934	64900	64966	Tune-up limit
Frequency (MHz)				316.01	314.00	313.00	MPR (dB)
80	QPSK	1	1	316.01	316.30	316.17	0.0
Channel				64898	64900	64932	Tune-up limit
Frequency (MHz)				319.00	314.00	314.98	MPR (dB)
60	QPSK	1	1	319.00	316.30	316.17	0.0
Channel				64834	64900	64966	Tune-up limit
Frequency (MHz)				315.01	314.00	314.58	MPR (dB)
50	QPSK	1	1	315.01	316.30	316.18	0.0
Channel				64800	64900	64900	Tune-up limit
Frequency (MHz)				317.00	314.00	314.00	MPR (dB)
40	QPSK	1	1	317.00	316.30	316.19	0.0
Channel				3715.02	3840.00	3964.98	Tune-up limit
Frequency (MHz)				15.40	15.48	15.35	MPR (dB)
30	QPSK	1	1	15.40	15.48	15.35	0.0
Channel				3710.01	3840.00	3969.99	Tune-up limit
Frequency (MHz)				15.43	15.43	15.38	MPR (dB)
20	QPSK	1	1	15.43	15.43	15.38	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	17.5	0.0
Frequency (MHz)				633332		3499.98		
100	QPSK	1	1	15.09				
100	QPSK	1	137	15.11				
100	QPSK	1	271	16.10				
100	QPSK	135	0	15.95			17.5	0.0
100	QPSK	135	69	16.08				
100	QPSK	135	136	16.04				
100	QPSK	270	0	16.05				
100	16QAM	1	1	16.04				
100	64QAM	1	1	15.97			17.5	0.0
100	256QAM	1	1	15.99			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				633000	633332	633666	(dBm)	(dB)
90	QPSK	1	1	15.97	16.05	16.09	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632668	633332	634000	(dBm)	(dB)
80	QPSK	1	1	15.94	16.03	16.00	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				632000	633332	634666	(dBm)	(dB)
60	QPSK	1	1	15.88	16.03	15.83	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631668	633332	635000	(dBm)	(dB)
50	QPSK	1	1	15.96	15.98	15.83	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631334	633332	635332	(dBm)	(dB)
40	QPSK	1	1	15.97	16.05	15.79	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				631000	633332	635666	(dBm)	(dB)
30	QPSK	1	1	15.96	15.95	15.87	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				630668	633332	636000	(dBm)	(dB)
20	QPSK	1	1	15.93	15.97	15.89	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3750	3640	3650	18.0	0.0
Frequency (MHz)				3750	3640	3650		
100	QPSK	1	1	15.01	15.04	15.02		
100	QPSK	1	137	15.05	15.11	15.06		
100	QPSK	1	271	15.99	16.00	16.02		
100	QPSK	135	0	15.82	15.84	15.82	18.0	0.0
100	QPSK	135	69	16.03	16.06	16.01		
100	QPSK	135	138	15.82	16.04	16.02		
100	QPSK	270	0	15.83	16.01	15.83		
100	16QAM	1	1	15.86	15.96	15.94	18.0	0.0
100	64QAM	1	1	15.92	16.04	15.90	18.0	0.0
100	256QAM	1	1	15.93	16.00	15.90	18.0	0.0
Channel				669668	669000	669332	Tune-up limit	MPR
Frequency (MHz)				669668	669000	669332	(dBm)	(dB)
90	QPSK	1	1	15.84	16.04	15.88	18.0	0.0
Channel				669334	669000	669668	Tune-up limit	MPR
Frequency (MHz)				669334	669000	669668	(dBm)	(dB)
80	QPSK	1	1	15.82	15.96	15.88	18.0	0.0
Channel				668668	669000	669332	Tune-up limit	MPR
Frequency (MHz)				668668	669000	669332	(dBm)	(dB)
60	QPSK	1	1	15.83	16.03	15.88	18.0	0.0
Channel				668334	669000	669668	Tune-up limit	MPR
Frequency (MHz)				668334	669000	669668	(dBm)	(dB)
50	QPSK	1	1	15.86	15.99	15.95	18.0	0.0
Channel				668000	669000	669000	Tune-up limit	MPR
Frequency (MHz)				668000	669000	669000	(dBm)	(dB)
40	QPSK	1	1	15.84	16.02	15.97	18.0	0.0
Channel				667668	669000	669332	Tune-up limit	MPR
Frequency (MHz)				667668	669000	669332	(dBm)	(dB)
30	QPSK	1	1	15.92	15.99	15.89	18.0	0.0
Channel				667334	669000	669668	Tune-up limit	MPR
Frequency (MHz)				667334	669000	669668	(dBm)	(dB)
20	QPSK	1	1	15.90	16.00	15.90	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	17.5	0.0
Frequency (MHz)				633332		3499.98		
100	QPSK	1	1	15.91				
100	QPSK	1	137	15.95				
100	QPSK	1	271	15.82				
100	QPSK	135	0	15.82			17.5	0.0
100	QPSK	135	69	15.83				
100	QPSK	135	136	15.79				
100	QPSK	270	0	15.74				
100	16QAM	1	1	15.71				
100	64QAM	1	1	15.71			17.5	0.0
100	256QAM	1	1	15.72			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				633000	633332	633666	(dBm)	(dB)
90	QPSK	1	1	15.70	16.02	15.68	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632668	633332	634000	(dBm)	(dB)
80	QPSK	1	1	15.81	15.70	15.60	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				632000	633332	634666	(dBm)	(dB)
60	QPSK	1	1	15.75	15.76	15.69	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631668	633332	635000	(dBm)	(dB)
50	QPSK	1	1	15.74	15.73	15.67	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631334	633332	635332	(dBm)	(dB)
40	QPSK	1	1	15.78	15.68	15.63	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				631000	633332	635666	(dBm)	(dB)
30	QPSK	1	1	15.78	15.77	15.63	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				630668	633332	636000	(dBm)	(dB)
20	QPSK	1	1	15.81	15.65	15.69	17.5	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				6500.00	6500.00	6500.00					
Frequency (MHz)				3750	3640	3910					
100	QPSK	1	1	14.83	14.30	14.87	17.0	0.0			
100	QPSK	1	137	15.30	15.35	15.33					
100	QPSK	1	271	14.20	14.30	14.08					
100	QPSK	135	0	14.86	15.02	14.85					
100	QPSK	135	69	15.22	15.25	15.23	17.0	0.0			
100	QPSK	135	138	14.88	15.02	14.87					
100	QPSK	270	0	15.01	15.02	15.01					
100	16QAM	1	1	14.80	14.68	14.91		17.0			
100	16QAM	1	1	14.85	14.88	14.85	17.0				
100	256QAM	1	1	15.23	15.25	15.21	17.5				
Channel				658668	656000	662332	Tune-up limit	MPR			
Frequency (MHz)				1747.02	1750	1744.86	(dBm)	(dB)			
90	QPSK	1	1	14.74	14.89	14.82	17.0	0.0			
Channel				648334	656000	662666					
Frequency (MHz)				1743.03	1740	1745.99		(dBm)			
80	QPSK	1	1	14.77	14.85	14.57		17.0			
Channel				648668	656000	663332	Tune-up limit	MPR			
Frequency (MHz)				1751.02	1745	1748.98	(dBm)	(dB)			
60	QPSK	1	1	14.81	14.88	14.63	17.0	0.0			
Channel				648334	656000	663666					
Frequency (MHz)				1723.01	1740	1754.99		(dBm)			
50	QPSK	1	1	14.71	14.85	14.59		17.0			
Channel				648000	656000	664000	Tune-up limit	MPR			
Frequency (MHz)				1730	1740	1760	(dBm)	(dB)			
40	QPSK	1	1	14.77	14.79	14.55	17.0	0.0			
Channel				647668	656000	664332					
Frequency (MHz)				1715.02	1740.00	1764.98		(dBm)			
30	QPSK	1	1	14.78	14.67	14.64		17.0			
Channel				647334	656000	664666	Tune-up limit	MPR			
Frequency (MHz)				1710.01	1740	1768.99	(dBm)	(dB)			
20	QPSK	1	1	14.81	14.89	14.60	17.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				633332	3499.98						
Frequency (MHz)											
100	QPSK	1	1	14.34			16.0	0.0			
100	QPSK	1	137	14.81							
100	QPSK	1	271	14.49							
100	QPSK	135	0	14.51							
100	QPSK	135	69	14.54			16.0	0.0			
100	QPSK	135	138	14.52							
100	QPSK	270	0	14.55							
100	16QAM	1	1	14.10				16.0			
100	16QAM	1	1	14.21			16.0				
100	256QAM	1	1	14.58			16.0				
Channel				633000	633332	633668	Tune-up limit	MPR			
Frequency (MHz)				3485	3499.98	3504.99	(dBm)	(dB)			
90	QPSK	1	1	14.28	14.32	14.23	16.0	0.0			
Channel				632668	633332	634000					
Frequency (MHz)				3480.02	3499.98	3510		(dBm)			
80	QPSK	1	1	14.27	14.30	14.23		16.0			
Channel				632000	633332	634668	Tune-up limit	MPR			
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)			
60	QPSK	1	1	14.27	14.25	14.23	16.0	0.0			
Channel				631668	633332	635000					
Frequency (MHz)				3475.02	3499.98	3525		(dBm)			
50	QPSK	1	1	14.24	14.22	14.27		16.0			
Channel				631334	633332	635332	Tune-up limit	MPR			
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)			
40	QPSK	1	1	14.29	14.29	14.26	16.0	0.0			
Channel				631000	633332	635668					
Frequency (MHz)				3465	3499.98	3534.99		(dBm)			
30	QPSK	1	1	14.29	14.22	14.33		16.0			
Channel				630668	633332	636000	Tune-up limit	MPR			
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)			
20	QPSK	1	1	14.23	14.29	14.29	16.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				600000							
Frequency (MHz)				3750							
100	QPSK	1	1	15.59			17.5	0.0			
100	QPSK	1	137	16.07							
100	QPSK	1	271	16.04							
100	QPSK	135	0	15.59							
100	QPSK	135	69	15.59			17.5	0.0			
100	QPSK	135	138	15.88							
100	QPSK	270	0	15.87							
100	16QAM	1	1	15.98				17.5			
100	16QAM	1	1	15.94			17.5				
100	256QAM	1	1	15.98			17.5				
Channel				648668	650000	650332	Tune-up limit	MPR			
Frequency (MHz)				1743.02	1740	1744.98	(dBm)	(dB)			
90	QPSK	1	1	15.91	15.83	15.85	17.5	0.0			
Channel				648334	650000	650666					
Frequency (MHz)				1744.01	1740	1748.99		(dBm)			
80	QPSK	1	1	15.99	15.91	15.83		17.5			
Channel				648668	650000	651332	Tune-up limit	MPR			
Frequency (MHz)				1750.02	1740	1768.98	(dBm)	(dB)			
60	QPSK	1	1	15.97	15.87	15.84	17.5	0.0			
Channel				648334	650000	651666					
Frequency (MHz)				1750.01	1740	1774.99		(dBm)			
50	QPSK	1	1	15.93	15.80	15.83		17.5			
Channel				648000	650000	652000	Tune-up limit	MPR			
Frequency (MHz)				1747.02	1740	1780	(dBm)	(dB)			
40	QPSK	1	1	15.97	15.88	15.81	17.5	0.0			
Channel				647668	650000	652332					
Frequency (MHz)				1747.01	1740.00	1784.98		(dBm)			
30	QPSK	1	1	15.91	15.81	15.92		17.5			
Channel				647334	650000	652666	Tune-up limit	MPR			
Frequency (MHz)				1740.01	1740	1788.99	(dBm)	(dB)			
20	QPSK	1	1	15.88	15.90	15.88	17.5	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		15.50		17.5	0.0
100	QPSK	1	137		15.49			
100	QPSK	1	271		15.49			
100	QPSK	135	0		15.31		17.5	0.0
100	QPSK	135	69		15.52			
100	QPSK	135	136		15.36			
100	QPSK	270	0		15.51		17.5	0.0
100	16QAM	1	1		15.30		17.5	0.0
100	16QAM	1	1		15.28		17.5	0.0
100	256QAM	1	1		15.20		17.5	0.0
Channel								
Frequency (MHz)								
633000 633332 633666							Tune-up limit	MPR
633000 633332 633666							15.16 15.23 15.14	17.5 0.0
90	QPSK	1	1		632668 633332 634000		Tune-up limit	MPR
632668 633332 634000							15.02 15.08 15.11	17.5 0.0
80	QPSK	1	1		632000 633332 634666		Tune-up limit	MPR
632000 633332 634666							14.86 14.98 15.16	17.5 0.0
60	QPSK	1	1		631668 633332 635000		Tune-up limit	MPR
631668 633332 635000							15.20 15.20 15.11	17.5 0.0
50	QPSK	1	1		631334 633332 635332		Tune-up limit	MPR
631334 633332 635332							15.22 15.14 15.19	17.5 0.0
40	QPSK	1	1		631000 633332 635666		Tune-up limit	MPR
631000 633332 635666							15.22 15.14 15.19	17.5 0.0
30	QPSK	1	1		630668 633332 636000		Tune-up limit	MPR
630668 633332 636000							15.25 15.20 15.12	17.5 0.0
20	QPSK	1	1		630334 633332 636332		Tune-up limit	MPR
630334 633332 636332							15.25 15.20 15.12	17.5 0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dB)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		15.96		18.0	0.0
100	QPSK	1	137		15.07			
100	QPSK	1	271		16.03			
100	QPSK	135	0		15.88		18.0	0.0
100	QPSK	135	69		15.05			
100	QPSK	135	136		15.88			
100	QPSK	270	0		15.03		18.0	0.0
100	16QAM	1	1		15.94		18.0	0.0
100	16QAM	1	1		15.85		18.0	0.0
100	256QAM	1	1		15.87		18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	649668	660000	660332	Tune-up limit	MPR
Channel								
Frequency (MHz)								
90	QPSK	1	1	649334	660000	660668	Tune-up limit	MPR
Channel								
Frequency (MHz)								
80	QPSK	1	1	648668	660000	661332	Tune-up limit	MPR
Channel								
Frequency (MHz)								
60	QPSK	1	1	648334	660000	661668	Tune-up limit	MPR
Channel								
Frequency (MHz)								
50	QPSK	1	1	648000	660000	662000	Tune-up limit	MPR
Channel								
Frequency (MHz)								
40	QPSK	1	1	647668	660000	662332	Tune-up limit	MPR
Channel								
Frequency (MHz)								
30	QPSK	1	1	647334	660000	662668	Tune-up limit	MPR
Channel								
Frequency (MHz)								
20	QPSK	1	1	647000	660000	663000	Tune-up limit	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				633332	3499.98		18.0	0.0		
100 QPSK				1	1	16.43				
100 QPSK				1	137	16.39				
100 QPSK				1	271	16.41				
100 QPSK				135	0	16.29				
100 QPSK				135	69	16.36	18.0	0.0		
100 QPSK				135	136	16.25	18.0	0.0		
100 QPSK				270	0	16.29	18.0	0.0		
100 16QAM				1	1	16.29	18.0	0.0		
100 16QAM				1	1	16.31	18.0	0.0		
100 256QAM				1	1	16.27	18.0	0.0		
Channel										
Frequency (MHz)				633000	633332	633666	Tune-up limit	MPR		
90 QPSK				1	1	16.22	16.16	16.13	18.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR		
Frequency (MHz)				15.02	15.08	15.11	18.0	0.0		
Channel										
Frequency (MHz)				632000	633332	634666	Tune-up limit	MPR		
80 QPSK				1	1	16.21	16.25	16.15	18.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR		
Frequency (MHz)				14.86	14.98	15.16	18.0	0.0		
Channel										
Frequency (MHz)				631668	633332	635000	Tune-up limit	MPR		
60 QPSK				1	1	16.28	16.19	16.11	18.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR		
Frequency (MHz)				15.22	15.14	15.19	18.0	0.0		
Channel										
Frequency (MHz)				631334	633332	635332	Tune-up limit	MPR		
40 QPSK				1	1	16.24	16.08	16.02	18.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR		
Frequency (MHz)				15.22	15.14	15.19	18.0	0.0		
Channel										
Frequency (MHz)				631000	633332	635666	Tune-up limit	MPR		
30 QPSK				1	1	16.23	16.15	16.11	18.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR		
Frequency (MHz)				15.25	15.20	15.12	18.0	0.0		
Channel										
Frequency (MHz)				630668	633332	636000	Tune-up limit	MPR		
20 QPSK				1	1	16.26	16.29	16.22	18.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR		
Frequency (MHz)				15.25	15.20	15.12	18.0	0.0		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	15.87			17.5	0.0
100	QPSK	1	137	15.87				
100	QPSK	1	271	15.89				
100	QPSK	135	69	15.89				
100	QPSK	135	69	15.84			17.5	0.0
100	QPSK	135	138	15.87				
100	QPSK	270	0	15.81				
100	QPSK	1	1	15.89				
100	16QAM	1	1	15.89			17.5	0.0
100	16QAM	1	1	15.83			17.5	0.0
100	256QAM	1	1	15.92			17.5	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648202	649000	649200	(dB)	
90	QPSK	1	1	15.90	15.81	15.84	Tune-up limit	MPR
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649201	649000	649200	(dB)	
80	QPSK	1	1	15.89	15.72	15.75	Tune-up limit	MPR
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				649202	649000	649200	(dB)	
60	QPSK	1	1	15.87	15.74	15.78	Tune-up limit	MPR
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				648201	649000	649200	(dB)	
50	QPSK	1	1	15.92	15.77	15.76	Tune-up limit	MPR
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				647200	649000	649000	(dB)	
40	QPSK	1	1	15.84	15.74	15.79	Tune-up limit	MPR
Channel				647100	650000	652200	Tune-up limit	MPR
Frequency (MHz)				647102	649000	649200	(dB)	
30	QPSK	1	1	15.86	15.76	15.75	Tune-up limit	MPR
Channel				647201	650000	652000	Tune-up limit	MPR
Frequency (MHz)				647101	649000	649000	(dB)	
20	QPSK	1	1	15.90	15.80	15.77	Tune-up limit	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	15.88			17.5	0.0
100	QPSK	1	137	15.90				
100	QPSK	1	271	15.81				
100	QPSK	135	69	15.75				
100	QPSK	135	69	15.79			17.5	0.0
100	QPSK	135	138	15.77				
100	QPSK	270	0	15.66				
100	16QAM	1	1	15.72			17.5	0.0
100	16QAM	1	1	15.68			17.5	0.0
100	256QAM	1	1	15.75			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				632668	633000	633332	(dBm)	
90	QPSK	1	1	15.74	15.61	15.62	Tune-up limit	MPR
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632668	633332	634000	(dBm)	
80	QPSK	1	1	15.70	15.61	15.59	Tune-up limit	MPR
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				631668	633332	634666	(dBm)	
60	QPSK	1	1	15.78	15.56	15.66	Tune-up limit	MPR
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631502	633332	635000	(dBm)	
50	QPSK	1	1	15.78	15.60	15.62	Tune-up limit	MPR
Channel				631294	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631294	633332	635332	(dBm)	
40	QPSK	1	1	15.78	15.59	15.66	Tune-up limit	MPR
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				630865	633332	635666	(dBm)	
30	QPSK	1	1	15.72	15.60	15.56	Tune-up limit	MPR
Channel				630765	633332	636000	Tune-up limit	MPR
Frequency (MHz)				630602	633332	636000	(dBm)	
20	QPSK	1	1	15.78	15.59	15.64	Tune-up limit	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	15.02			17.0	0.0
100	QPSK	1	137	15.21				
100	QPSK	1	271	15.18				
100	QPSK	135	6	15.13			17.0	0.0
100	QPSK	135	69	15.13				
100	QPSK	135	138	15.08				
100	QPSK	220	0	15.05			17.0	0.0
100	16QAM	1	1	15.03			17.0	0.0
100	16QAM	1	1	15.10			17.0	0.0
100	256QAM	1	1	15.06			17.0	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648302	649000	649398	(dB)	
90	QPSK	1	1	15.05	14.85	15.02	17.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649101	649000	649099	(dB)	
80	QPSK	1	1	15.01	14.92	15.02	17.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				649302	649000	649398	(dB)	
60	QPSK	1	1	15.06	14.92	14.96	17.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				649301	649000	649499	(dB)	
50	QPSK	1	1	15.04	14.97	15.03	17.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				649000	649000	649000	(dB)	
40	QPSK	1	1	15.08	14.99	15.04	17.0	0.0
Channel				647199	650000	652201	Tune-up limit	MPR
Frequency (MHz)				649102	649000	649198	(dB)	
30	QPSK	1	1	15.05	14.93	15.00	17.0	0.0
Channel				649301	650000	650700	Tune-up limit	MPR
Frequency (MHz)				649301	649000	649399	(dB)	
20	QPSK	1	1	15.11	14.93	15.01	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3499.98				
100	QPSK	1	1	14.45			16.0	0.0
100	QPSK	1	137	14.52				
100	QPSK	1	271	14.47				
100	QPSK	135	6	14.50			16.0	0.0
100	QPSK	135	69	14.51				
100	QPSK	135	138	14.38				
100	QPSK	220	0	14.38			16.0	0.0
100	16QAM	1	1	14.42			16.0	0.0
100	16QAM	1	1	14.44			16.0	0.0
100	256QAM	1	1	14.50			16.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				632666	633000	633332	(dBm)	
90	QPSK	1	1	14.50	14.41	14.44	16.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632666	633000	633332	(dBm)	
80	QPSK	1	1	14.47	14.35	14.38	16.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				633000	633332	633666	(dBm)	
60	QPSK	1	1	14.39	14.37	14.36	16.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631500	633332	633500	(dBm)	
50	QPSK	1	1	14.45	14.36	14.40	16.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631334	633332	633500	(dBm)	
40	QPSK	1	1	14.40	14.42	14.36	16.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				630666	633332	633500	(dBm)	
30	QPSK	1	1	14.40	14.35	14.35	16.0	0.0
Channel				630666	633332	635332	Tune-up limit	MPR
Frequency (MHz)				630666	633332	633500	(dBm)	
20	QPSK	1	1	14.39	14.39	14.38	16.0	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	QPSK	1	1	23.43	23.43	23.58	25.0	0.0			
100	QPSK	1	137	23.25	23.85	23.55					
100	QPSK	1	271	23.27	23.00	23.34					
100	QPSK	136	0	23.88	23.56	23.18	25.0	0.0			
100	QPSK	136	69	23.10	23.54	23.37					
100	QPSK	136	138	22.28	22.36	22.36					
100	QPSK	270	0	22.00	22.54	22.28	24.0	1.0			
100	16QAM	1	1	21.15	22.16	21.93	24.0	1.0			
100	16QAM	1	1	19.82	20.64	20.37	22.5	2.5			
100	256QAM	1	1	18.10	19.16	18.92	20.5	4.5			
Channel											
Frequency (MHz)											
90	QPSK	1	1	665668	666000	662332	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	663334	666000	662666	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	23.26	23.83	23.53	25.0	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	23.25	23.57	23.52	25.0	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	23.26	23.57	23.50	25.0	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	23.26	23.52	23.46	25.0	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	23.26	23.58	23.53	25.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	23.25	23.60	23.53	25.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	QPSK	1	1	3498.98	3498.98	3498.98	24.0	0.0			
100	QPSK	1	137	22.33	22.81	22.57					
100	QPSK	1	271	22.43	22.43	22.43					
100	QPSK	136	0	21.02	21.02	21.02	24.0	0.0			
100	QPSK	136	69	22.59	22.59	22.59					
100	QPSK	136	138	21.41	21.41	21.41					
100	QPSK	270	0	21.51	21.51	21.51	23.0	1.0			
100	16QAM	1	1	21.12	21.12	21.12	23.0	1.0			
100	16QAM	1	1	19.57	19.57	19.57	21.5	2.5			
100	256QAM	1	1	18.36	18.36	18.36	19.5	4.5			
Channel											
Frequency (MHz)											
90	QPSK	1	1	633000	633332	633666	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	632668	633332	634000	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	22.58	22.58	22.53	24.0	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	22.57	22.59	22.53	24.0	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	22.80	22.58	22.54	24.0	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	22.54	22.59	22.59	24.0	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	22.80	22.57	22.60	24.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	22.56	22.56	22.57	24.0	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	QPSK	1	1	15.49	15.64	15.59	17.5	0.0			
100	QPSK	1	137	15.82	15.85	15.80					
100	QPSK	1	271	15.59	15.58	15.55					
100	QPSK	136	0	15.48	15.53	15.52	17.5	0.0			
100	QPSK	136	69	15.59	15.61	15.58					
100	QPSK	136	138	15.47	15.48	15.49					
100	QPSK	270	0	15.47	15.62	15.45	17.5	0.0			
100	16QAM	1	1	15.54	15.54	15.49	17.5	0.0			
100	16QAM	1	1	15.56	15.49	15.52	17.5	0.0			
100	256QAM	1	1	15.59	15.56	15.53	17.5	0.0			
Channel											
Frequency (MHz)											
90	QPSK	1	1	665668	666000	662332	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	663334	666000	662666	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
80	QPSK	1	1	15.48	15.38	15.38	17.5	0.0			
Channel											
Frequency (MHz)											
60	QPSK	1	1	15.37	15.39	15.40	17.5	0.0			
Channel											
Frequency (MHz)											
50	QPSK	1	1	15.46	15.43	15.36	17.5	0.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	15.37	15.48	15.46	17.5	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	15.40	15.48	15.35	17.5	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	15.43	15.43	15.38	17.5	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	17.5	0.0
Frequency (MHz)				15.09				
100	QPSK	1	1	15.11				
100	QPSK	1	137	16.10				
100	QPSK	1	271	15.09				
100	QPSK	135	0	15.09			17.5	0.0
100	QPSK	135	69	16.08				
100	QPSK	135	136	16.04				
100	QPSK	270	0	16.05				
100	16QAM	1	1	16.04			17.5	0.0
100	64QAM	1	1	15.97			17.5	0.0
100	256QAM	1	1	15.99			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				26.9	3499.98	3500.02	(dBm)	(dB)
90	QPSK	1	1	15.97	16.05	16.09	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3499.92	3499.98	3500.02	(dBm)	(dB)
80	QPSK	1	1	15.94	16.03	16.00	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.88	16.03	15.83	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3471.92	3499.98	3529.99	(dBm)	(dB)
50	QPSK	1	1	15.99	15.98	15.83	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.97	16.05	15.79	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.96	15.95	15.87	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.93	15.97	15.89	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3750	3840	3930	18.0	0.0
Frequency (MHz)				15.01	15.04	15.02		
100	QPSK	1	1	15.05	15.11	15.06		
100	QPSK	1	137	15.09	16.00	16.02		
100	QPSK	1	271	15.09	16.00	16.02		
100	QPSK	135	0	15.02	15.04	15.02	18.0	0.0
100	QPSK	135	69	16.03	16.06	16.01		
100	QPSK	135	138	15.82	16.04	16.02		
100	QPSK	270	0	15.83	16.01	15.83		
100	16QAM	1	1	15.86	15.96	15.94	18.0	0.0
100	64QAM	1	1	15.92	16.04	15.90	18.0	0.0
100	256QAM	1	1	15.93	16.00	15.90	18.0	0.0
Channel				669668	669000	669332	Tune-up limit	MPR
Frequency (MHz)				3749.92	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.94	16.04	15.88	18.0	0.0
Channel				669334	669000	669666	Tune-up limit	MPR
Frequency (MHz)				3929.91	3840	3934.99	(dBm)	(dB)
80	QPSK	1	1	15.82	15.96	15.88	18.0	0.0
Channel				668666	669000	669332	Tune-up limit	MPR
Frequency (MHz)				3930.00	3840	3945.98	(dBm)	(dB)
60	QPSK	1	1	15.83	16.03	15.88	18.0	0.0
Channel				668334	669000	669666	Tune-up limit	MPR
Frequency (MHz)				3925.91	3840	3945.99	(dBm)	(dB)
50	QPSK	1	1	15.86	15.99	15.95	18.0	0.0
Channel				668000	669000	669000	Tune-up limit	MPR
Frequency (MHz)				3920	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.84	16.02	15.97	18.0	0.0
Channel				661064	669000	669332	Tune-up limit	MPR
Frequency (MHz)				3910.01	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.92	15.99	15.89	18.0	0.0
Channel				661234	669000	669666	Tune-up limit	MPR
Frequency (MHz)				3910.01	3840	3969.98	(dBm)	(dB)
20	QPSK	1	1	15.90	16.00	15.90	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	17.5	0.0
Frequency (MHz)				15.01				
100	QPSK	1	1	15.05				
100	QPSK	1	137	15.09				
100	QPSK	1	271	15.09				
100	QPSK	135	0	15.02			17.5	0.0
100	QPSK	135	69	16.03				
100	QPSK	135	136	15.79				
100	QPSK	270	0	15.74				
100	16QAM	1	1	15.71			17.5	0.0
100	64QAM	1	1	15.71			17.5	0.0
100	256QAM	1	1	15.72			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				26.9	3499.98	3500.02	(dBm)	(dB)
90	QPSK	1	1	15.70	16.02	15.68	17.5	0.0
Channel				632666	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3499.92	3499.98	3500	(dBm)	(dB)
80	QPSK	1	1	15.81	15.70	15.60	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.75	15.76	15.69	17.5	0.0
Channel				631666	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3471.92	3499.98	3529.99	(dBm)	(dB)
50	QPSK	1	1	15.74	15.73	15.67	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.78	15.68	15.63	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.78	15.77	15.63	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.81	15.65	15.69	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				6500.00	6500.00	6500.00		
Frequency (MHz)				3750	3640	3600		
100	QPSK	1	1	18.19	18.18	18.17		
100	QPSK	1	137	18.24	18.26	18.18	20.0	0.0
100	QPSK	1	271	18.17	18.16	18.14		
100	QPSK	135	0	18.02	18.06	18.03		
100	QPSK	135	69	18.12	18.17	18.15	20.0	0.0
100	QPSK	135	138	18.11	18.11	18.08		
100	QPSK	270	0	18.07	18.13	18.08	20.0	0.0
100	16QAM	1	1	18.05	18.14	18.03	20.0	0.0
100	64QAM	1	1	18.08	18.16	18.05	20.0	0.0
100	256QAM	1	1	18.08	18.16	18.07	20.0	0.0
Channel				648668	656000	662232	Tune-up limit	MPR
Frequency (MHz)				676.02	350	652.86	(dBm)	(dB)
90	QPSK	1	1	17.99	18.09	18.07	20.0	0.0
Channel				648334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				324.03	350	352.99	(dBm)	(dB)
80	QPSK	1	1	18.09	18.08	18.09	20.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3743.02	3640	3648.98	(dBm)	(dB)
60	QPSK	1	1	18.07	18.14	18.03	20.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3723.01	3640	3654.99	(dBm)	(dB)
50	QPSK	1	1	18.07	18.06	18.02	20.0	0.0
Channel				648000	666000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3640	3660	(dBm)	(dB)
40	QPSK	1	1	18.11	18.10	18.14	20.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3640.00	3664.98	(dBm)	(dB)
30	QPSK	1	1	17.99	18.12	18.04	20.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3640	3669.99	(dBm)	(dB)
20	QPSK	1	1	18.04	18.11	18.03	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	QPSK	1	1		17.57			
100	QPSK	1	137		17.45		19.0	0.0
100	QPSK	1	271		17.45			
100	QPSK	135	0		17.35			
100	QPSK	135	69		17.44		19.0	0.0
100	QPSK	135	138		17.35			
100	QPSK	270	0		17.37		19.0	0.0
100	16QAM	1	1		17.36		19.0	0.0
100	64QAM	1	1		17.40		19.0	0.0
100	256QAM	1	1		17.33		19.0	0.0
Channel				633000	633332	633668	Tune-up limit	MPR
Frequency (MHz)				6489	3499.98	3504.02	(dBm)	(dB)
90	QPSK	1	1	17.43	17.33	17.28	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				2660.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.42	17.37	17.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	17.42	17.33	17.35	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3505	(dBm)	(dB)
50	QPSK	1	1	17.33	17.28	17.32	19.0	0.0
Channel				631000	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3509.98	(dBm)	(dB)
40	QPSK	1	1	17.35	17.35	17.32	19.0	0.0
Channel				630000	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.98	(dBm)	(dB)
30	QPSK	1	1	17.39	17.29	17.32	19.0	0.0
Channel				629000	633332	637000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.35	17.28	17.37	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	QPSK	1	1		21.04			
100	QPSK	1	137		21.13		22.5	0.0
100	QPSK	1	271		21.04			
100	QPSK	135	0		21.10			
100	QPSK	135	69		21.12		22.5	0.0
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.02		22.5	0.0
100	16QAM	1	1		21.02		22.5	0.0
100	64QAM	1	1		20.96		22.0	0.0
100	256QAM	1	1		19.06		20.5	0.0
Channel				648668	656000	660332	Tune-up limit	MPR
Frequency (MHz)				676.02	350	653.98	(dBm)	(dB)
90	QPSK	1	1	21.05	20.96	20.95	22.5	0.0
Channel				648334	656000	660666	Tune-up limit	MPR
Frequency (MHz)				3164.01	350	3168.99	(dBm)	(dB)
80	QPSK	1	1	20.99	20.90	20.97	22.5	0.0
Channel				648668	656000	661332	Tune-up limit	MPR
Frequency (MHz)				3753.02	3640	3763.98	(dBm)	(dB)
60	QPSK	1	1	21.01	20.90	21.00	22.5	0.0
Channel				648334	656000	661666	Tune-up limit	MPR
Frequency (MHz)				3752.01	3750	3764.99	(dBm)	(dB)
50	QPSK	1	1	21.04	20.93	21.03	22.5	0.0
Channel				648000	660000	662000	Tune-up limit	MPR
Frequency (MHz)				3750	3750	3760	(dBm)	(dB)
40	QPSK	1	1	21.03	20.95	21.05	22.5	0.0
Channel				647668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750.00	3764.98	(dBm)	(dB)
30	QPSK	1	1	21.04	20.98	20.98	22.5	0.0
Channel				647334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3769.99	(dBm)	(dB)
20	QPSK	1	1	20.99	20.92	20.99	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	22.0	0.0
Frequency (MHz)				3499.98				
100	QPSK	1	1	20.48				
100	QPSK	1	137	20.50				
100	QPSK	1	271	20.44				
100	QPSK	135	0	20.46			22.0	0.0
100	QPSK	135	69	20.49				
100	QPSK	135	136	20.38				
100	QPSK	270	0	20.38				
100	16QAM	1	1	20.38				
100	64QAM	1	1	20.38			22.0	0.0
100	256QAM	1	1	20.42			21.5	0.5
Channel				633332		633666	20.0	2.0
Frequency (MHz)				633666		633666	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	20.38	20.37	20.34	22.0	0.0
Channel				633668		634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				634000		634000	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	20.43	20.39	20.43	22.0	0.0
Channel				632000		634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				634666		634666	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	20.39	20.41	20.42	22.0	0.0
Channel				631668		635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				635000		635000	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	20.47	20.42	20.39	22.0	0.0
Channel				631334		636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				636332		636332	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	20.42	20.39	20.38	22.0	0.0
Channel				631000		637000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				637000		637000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.47	20.38	20.44	22.0	0.0
Channel				630668		638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				638000		638000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	20.37	20.40	20.36	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				660000		3750	18.0	0.0
Frequency (MHz)				3750				
100	QPSK	1	1	15.97				
100	QPSK	1	137	15.97				
100	QPSK	1	271	16.03				
100	QPSK	135	0	15.88			18.0	0.0
100	QPSK	135	69	15.05				
100	QPSK	135	136	15.88				
100	QPSK	270	0	15.03				
100	16QAM	1	1	15.94				
100	64QAM	1	1	15.85			18.0	0.0
100	256QAM	1	1	15.87			18.0	0.0
Channel				669668		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	15.84	15.85	15.84	18.0	0.0
Channel				669334		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	15.89	15.79	15.72	18.0	0.0
Channel				668668		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	15.92	15.84	15.73	18.0	0.0
Channel				668334		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	15.91	15.78	15.77	18.0	0.0
Channel				668000		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	15.84	15.86	15.81	18.0	0.0
Channel				661068		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	15.91	15.87	15.77	18.0	0.0
Channel				661034		660000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660000		660000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	15.93	15.82	15.80	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332		3499.98	18.0	0.0
Frequency (MHz)				3499.98				
100	QPSK	1	1	16.43				
100	QPSK	1	137	16.28				
100	QPSK	1	271	16.41				
100	QPSK	135	0	16.29			18.0	0.0
100	QPSK	135	69	16.36				
100	QPSK	135	136	16.25				
100	QPSK	270	0	16.25				
100	16QAM	1	1	16.29				
100	64QAM	1	1	16.31			18.0	0.0
100	256QAM	1	1	16.27			18.0	0.0
Channel				633000		633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				633332		633332	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	16.27	16.30	16.13	18.0	0.0
Channel				632668		634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				634000		634000	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.31	16.25	16.15	18.0	0.0
Channel				632000		633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				633332		633332	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	16.28	16.19	16.11	18.0	0.0
Channel				631668		635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				635000		635000	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	16.34	16.21	16.13	18.0	0.0
Channel				631334		636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				636332		636332	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	16.29	16.30	16.16	18.0	0.0
Channel				631000		637000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				637000		637000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.23	16.31	16.16	18.0	0.0
Channel				630668		638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				638000		638000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.26	16.29	16.22	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	15.87			17.5	0.0
100	QPSK	1	137	15.87				
100	QPSK	1	271	15.89				
100	QPSK	135	69	15.89				
100	QPSK	135	69	15.84			17.5	0.0
100	QPSK	135	138	15.87				
100	QPSK	270	0	15.81				
100	QPSK	1	1	15.89				
100	16QAM	1	1	15.89			17.5	0.0
100	16QAM	1	1	15.83			17.5	0.0
100	256QAM	1	1	15.92			17.5	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648334	650000	650332	(dB)	
90	QPSK	1	1	15.90	15.81	15.84	Tune-up limit	MPR
Channel				648334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				648334	650000	650666	(dB)	
80	QPSK	1	1	15.89	15.72	15.75	Tune-up limit	MPR
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				648668	650000	651332	(dB)	
60	QPSK	1	1	15.87	15.74	15.78	Tune-up limit	MPR
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				648334	650000	651666	(dB)	
50	QPSK	1	1	15.92	15.77	15.76	Tune-up limit	MPR
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				648000	650000	652000	(dB)	
40	QPSK	1	1	15.84	15.74	15.79	Tune-up limit	MPR
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				647668	650000	652332	(dB)	
30	QPSK	1	1	15.86	15.76	15.75	Tune-up limit	MPR
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				647334	650000	652666	(dB)	
20	QPSK	1	1	15.90	15.80	15.77	Tune-up limit	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	15.88			17.5	0.0
100	QPSK	1	137	15.90				
100	QPSK	1	271	15.81				
100	QPSK	135	69	15.75				
100	QPSK	135	69	15.79			17.5	0.0
100	QPSK	135	138	15.77				
100	QPSK	270	0	15.66				
100	16QAM	1	1	15.72			17.5	0.0
100	16QAM	1	1	15.68			17.5	0.0
100	256QAM	1	1	15.75			17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				633000	633332	633666	(dBm)	
90	QPSK	1	1	15.74	15.61	15.62	Tune-up limit	MPR
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632668	633332	634000	(dBm)	
80	QPSK	1	1	15.70	15.61	15.59	Tune-up limit	MPR
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				632000	633332	634666	(dBm)	
60	QPSK	1	1	15.78	15.56	15.66	Tune-up limit	MPR
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631668	633332	635000	(dBm)	
50	QPSK	1	1	15.78	15.60	15.62	Tune-up limit	MPR
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631334	633332	635332	(dBm)	
40	QPSK	1	1	15.78	15.59	15.66	Tune-up limit	MPR
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				631000	633332	635666	(dBm)	
30	QPSK	1	1	15.72	15.60	15.56	Tune-up limit	MPR
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				630668	633332	636000	(dBm)	
20	QPSK	1	1	15.78	15.59	15.64	Tune-up limit	MPR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	18.09			20.0	0.0
100	QPSK	1	137	18.21				
100	QPSK	1	271	18.16				
100	QPSK	135	6	18.13			20.0	0.0
100	QPSK	135	69	18.13				
100	QPSK	135	138	18.08				
100	QPSK	220	0	18.00			20.0	0.0
100	16QAM	1	1	18.03			20.0	0.0
100	16QAM	1	1	18.10			20.0	0.0
100	256QAM	1	1	18.06			20.0	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648302	649700	649300	(dB)	
90	QPSK	1	1	18.05	17.89	18.02	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649101	649600	649900	(dB)	
80	QPSK	1	1	18.01	17.92	18.02	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				649300	649600	649900	(dB)	
60	QPSK	1	1	18.06	17.92	17.96	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				648101	649600	649900	(dB)	
50	QPSK	1	1	18.04	17.97	18.03	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				647700	649600	649900	(dB)	
40	QPSK	1	1	18.08	17.99	18.04	20.0	0.0
Channel				647100	650000	652300	Tune-up limit	MPR
Frequency (MHz)				647100	650000	652300	(dB)	
30	QPSK	1	1	18.05	17.93	18.00	20.0	0.0
Channel				647314	650000	652600	Tune-up limit	MPR
Frequency (MHz)				647314	650000	652600	(dB)	
20	QPSK	1	1	18.11	17.93	18.01	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	17.45			19.0	0.0
100	QPSK	1	137	17.52				
100	QPSK	1	271	17.47				
100	QPSK	135	6	17.50			19.0	0.0
100	QPSK	135	69	17.51				
100	QPSK	135	138	17.38				
100	QPSK	220	0	17.38			19.0	0.0
100	16QAM	1	1	17.42			19.0	0.0
100	16QAM	1	1	17.44			19.0	0.0
100	256QAM	1	1	17.50			19.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				632600	633000	633600	(dBm)	
90	QPSK	1	1	17.50	17.41	17.44	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				632600	633332	634000	(dBm)	
80	QPSK	1	1	17.47	17.35	17.38	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				631600	633332	634900	(dBm)	
60	QPSK	1	1	17.39	17.37	17.36	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				631500	633332	635000	(dBm)	
50	QPSK	1	1	17.45	17.36	17.40	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				631334	633332	635332	(dBm)	
40	QPSK	1	1	17.40	17.42	17.36	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				631000	633332	635666	(dBm)	
30	QPSK	1	1	17.40	17.35	17.35	19.0	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				630666	633332	636000	(dBm)	
20	QPSK	1	1	17.39	17.39	17.38	19.0	0.0

DSI 4 Power

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Bit Rate (Mbps)	Modulation	RS Size	RS Offset	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Time Delay (ms)	MPR (dB)
				Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)		
10	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	1	1	13.91	14.03	13.78	13.78		
	QPSK	1	137	14.00	14.04	13.92	13.92	15.5	0.0
	QPSK	1	271	13.99	14.03	13.78	13.78		
20	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	135	0	13.76	13.68	13.57	13.57		
	QPSK	135	135	13.80	14.00	13.70	13.70	15.5	0.0
	QPSK	136	136	13.84	14.01	13.70	13.70		
40	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	270	0	13.78	13.85	13.73	13.73		
	QPSK	270	270	13.82	14.03	13.70	13.70	15.5	0.0
	QPSK	271	271	13.86	14.06	13.69	13.69		
80	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	540	0	13.82	13.92	13.80	13.80		
	QPSK	540	540	13.86	14.06	13.73	13.73	15.5	0.0
	QPSK	541	541	13.90	14.09	13.76	13.76		
160	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	1080	0	13.86	13.98	13.89	13.89		
	QPSK	1080	1080	13.90	14.08	13.86	13.86	15.5	0.0
	QPSK	1081	1081	13.94	14.11	13.89	13.89		
320	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	2160	0	13.90	14.02	13.93	13.93		
	QPSK	2160	2160	13.94	14.12	13.90	13.90	15.5	0.0
	QPSK	2161	2161	13.98	14.15	13.93	13.93		
640	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	4320	0	13.94	14.06	13.97	13.97		
	QPSK	4320	4320	13.98	14.16	13.94	13.94	15.5	0.0
	QPSK	4321	4321	14.02	14.19	13.97	13.97		
1280	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		
	QPSK	8640	0	13.98	14.10	13.99	13.99		
	QPSK	8640	8640	14.02	14.20	13.98	13.98	15.5	0.0
	QPSK	8641	8641	14.06	14.23	13.99	13.99		
2560	Channel			6600000	6600000	6600000	6600000		
	Frequency (MHz)			3640	3640	3640	3640		

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[illegible]

Par27O n77_Ant 5

RF (MHz)	Modulation	RB Size	RB Offset	Power (dBm) Channel Freq. (MHz)	Power (dBm) Channel Freq. (MHz)	Power (dBm) Channel Freq. (MHz)	Turn-on time (dBm)	MPR (dB)
100	QPSK	1	1	13.40	13.93	13.45		
	QPSK	1	137	13.52	13.91	13.50		0.0
	QPSK	1	271	13.51	13.92	13.50		0.0
	QPSK	156	0	13.40	13.51	13.38		0.0
	QPSK	156	136	13.31	13.51	13.46	15.5	0.0
100	QPSK	270	0	13.29	13.51	13.43		0.0
	QPSK	270	136	13.31	13.42	13.51		0.0
	64QAM	1	1	13.30	13.46	13.43		0.0
	64QAM	1	137	13.35	13.43	13.37		0.0
	16QAM	1	1	13.41	13.66	13.46		0.0
80	QPSK	1	1	13.29	13.47	13.44	15.5	0.0
	QPSK	1	137	13.51	13.46	13.47		0.0
	QPSK	156	0	13.40	13.50	13.47		0.0
	QPSK	156	136	13.31	13.47	13.46		0.0
	QPSK	270	0	13.35	13.40	13.44		0.0
50	QPSK	1	1	13.35	13.43	13.44	15.5	0.0
	QPSK	1	137	13.37	13.41	13.42		0.0
	QPSK	156	0	13.30	13.40	13.40		0.0
	QPSK	156	136	13.21	13.40	13.40		0.0
	QPSK	270	0	13.26	13.39	13.40		0.0
20	QPSK	1	1	13.31	13.41	13.44	15.5	0.0
	QPSK	1	137	13.33	13.40	13.41		0.0
	QPSK	156	0	13.26	13.36	13.36		0.0
	QPSK	156	136	13.17	13.36	13.36		0.0
	QPSK	270	0	13.22	13.35	13.36		0.0

Par27Q n77_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
				3499.98				
100	QPSK	1	1	14.00			15.5	0.0
100	QPSK	1	137	14.13				
100	QPSK	1	271	14.03				
100	QPSK	135	0	14.05			15.5	0.0
100	QPSK	135	69	14.08				
100	QPSK	135	136	14.02				
100	QPSK	270	0	14.01			15.5	0.0
100	16QAM	1	1	14.02			15.5	0.0
100	64QAM	1	1	13.98			15.5	0.0
100	256QAM	1	1	13.98			15.5	0.0
Channel								
Frequency (MHz)				633332				
				633666				
90	QPSK	1	1	13.94	14.05	13.79	15.5	0.0
Channel								
Frequency (MHz)				633668				
				634000				
80	QPSK	1	1	13.85	14.05	13.78	15.5	0.0
Channel								
Frequency (MHz)				632000				
				633332				
60	QPSK	1	1	13.93	13.99	13.81	15.5	0.0
Channel								
Frequency (MHz)				631668				
				635000				
50	QPSK	1	1	13.85	13.99	13.82	15.5	0.0
Channel								
Frequency (MHz)				631334				
				635332				
40	QPSK	1	1	13.95	14.06	13.75	15.5	0.0
Channel								
Frequency (MHz)				631000				
				633332				
30	QPSK	1	1	13.89	14.01	13.86	15.5	0.0
Channel								
Frequency (MHz)				630668				
				633332				
20	QPSK	1	1	13.86	13.98	13.76	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
				660000				
100	QPSK	1	1	13.35	13.47	13.30	15.5	0.0
100	QPSK	1	137	13.52	13.54	13.51		
100	QPSK	1	271	13.40	13.49	13.39		
100	QPSK	135	0	13.38	13.39	13.33	15.5	0.0
100	QPSK	135	69	13.52	13.53	13.51		
100	QPSK	135	138	13.33	13.47	13.24		
100	QPSK	270	0	13.33	13.43	13.25	15.5	0.0
100	16QAM	1	1	13.33	13.48	13.21	15.5	0.0
100	64QAM	1	1	13.31	13.43	13.24	15.5	0.0
100	256QAM	1	1	13.32	13.40	13.27	15.5	0.0
Channel								
Frequency (MHz)				669668				
				665000				
90	QPSK	1	1	13.43	13.44	13.43	15.5	0.0
Channel								
Frequency (MHz)				669334				
				665000				
80	QPSK	1	1	13.40	13.40	13.40	15.5	0.0
Channel								
Frequency (MHz)				668668				
				665000				
60	QPSK	1	1	13.29	13.48	13.19	15.5	0.0
Channel								
Frequency (MHz)				668334				
				665000				
50	QPSK	1	1	13.25	13.41	13.15	15.5	0.0
Channel								
Frequency (MHz)				668000				
				665000				
40	QPSK	1	1	13.26	13.40	13.31	15.5	0.0
Channel								
Frequency (MHz)				667668				
				665000				
30	QPSK	1	1	13.36	13.38	13.22	15.5	0.0
Channel								
Frequency (MHz)				667334				
				665000				
20	QPSK	1	1	13.28	13.39	13.25	15.5	0.0

Par27Q n77_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633332				
				3499.98				
100	QPSK	1	1	13.38			15.0	0.0
100	QPSK	1	137	13.47				
100	QPSK	1	271	13.46				
100	QPSK	135	0	13.37			15.0	0.0
100	QPSK	135	69	13.41				
100	QPSK	135	136	13.29				
100	QPSK	270	0	13.30			15.0	0.0
100	16QAM	1	1	13.29			15.0	0.0
100	64QAM	1	1	13.30			15.0	0.0
100	256QAM	1	1	13.37			15.0	0.0
Channel								
Frequency (MHz)				633332				
				633666				
90	QPSK	1	1	13.22	13.39	13.34	15.0	0.0
Channel								
Frequency (MHz)				632668				
				634000				
80	QPSK	1	1	13.22	13.34	13.30	15.0	0.0
Channel								
Frequency (MHz)				632000				
				633332				
60	QPSK	1	1	13.23	13.30	13.34	15.0	0.0
Channel								
Frequency (MHz)				631668				
				635000				
50	QPSK	1	1	13.31	13.34	13.30	15.0	0.0
Channel								
Frequency (MHz)				631334				
				635332				
40	QPSK	1	1	13.26	13.32	13.25	15.0	0.0
Channel								
Frequency (MHz)				631000				
				633332				
30	QPSK	1	1	13.30	13.30	13.31	15.0	0.0
Channel								
Frequency (MHz)				630668				
				633332				
20	QPSK	1	1	13.32	13.39	13.26	15.0	0.0

Par270 n77_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mode Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit	MPR (dB)		
Channel										
Frequency (MHz)										
100	QPSK	1	1	13.52	13.65	13.54	15.5	0.0		
100	QPSK	1	137	13.64	13.69	13.61				
100	QPSK	1	271	13.62	13.68	13.63				
100	QPSK	135	0	13.53	13.56	13.42				
100	QPSK	135	138	13.59	13.55	13.42				
100	QPSK	210	0	13.51	13.54	13.51	15.5	0.0		
100	16QAM	1	1	13.53	13.55	13.47				
100	16QAM	1	1	13.54	13.53	13.52				
100	64QAM	1	1	13.52	13.54	13.45				
100	256QAM	1	1	13.52	13.54	13.45				
Channel										
Frequency (MHz)										
90	QPSK	1	1	13.58	13.51	13.43	15.5	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	13.60	13.57	13.50	15.5	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	13.52	13.48	13.46	15.5	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	13.48	13.51	13.41	15.5	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	13.50	13.57	13.49	15.5	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	13.54	13.56	13.50	15.5	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	13.56	13.56	13.46	15.5	0.0		

Par27Q n77_Ant 7								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	12.98	12.98	14.5	0.0	0.0
100	QPSK	1	137	12.98	12.98			
100	QPSK	1	271	12.88	12.88			
100	QPSK	135	0	12.88	12.88			
100	QPSK	135	69	12.91	12.91			
100	QPSK	135	138	12.88	12.88	14.5	0.0	0.0
100	QPSK	210	0	12.84	12.84			
100	16QAM	1	1	12.89	12.89			
100	16QAM	1	1	12.89	12.89			
100	64QAM	1	1	12.84	12.84			
100	256QAM	1	1	12.78	12.78			
100	256QAM	1	1	12.78	12.78			
Channel								
Frequency (MHz)								
90	QPSK	1	1	12.82	12.89	12.69	14.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	12.82	12.79	12.77	14.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	12.81	12.80	12.75	14.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	12.82	12.78	12.72	14.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	12.81	12.80	12.75	14.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	12.84	12.80	12.75	14.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	12.80	12.86	12.80	14.5	0.0

Part270 n78_Ant 1												
BW (kHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq. 640000	Power Middle Ch./ Freq. 640332	Power High Ch./ Freq. 640666	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
100	QPSK	1	1	13.44	13.57	13.54	15.0	0.0				
100	QPSK	1	137	13.57								
100	QPSK	1	271	13.46								
100	QPSK	135	0	13.47								
100	QPSK	135	69	13.56								
100	QPSK	135	138	13.55	13.46	13.45	15.0	0.0				
100	QPSK	210	0	13.50								
100	16QAM	1	1	13.52								
100	16QAM	1	1	13.48								
100	256QAM	1	1	13.44								
Channel												
Frequency (MHz)												
90	QPSK	1	1	13.54	13.52	13.30	15.0	0.0				
Channel												
Frequency (MHz)												
80	QPSK	1	1	13.53	13.48	13.54	15.0	0.0				
Channel												
Frequency (MHz)												
60	QPSK	1	1	13.50	13.49	13.45	15.0	0.0				
Channel												
Frequency (MHz)												
50	QPSK	1	1	13.45	13.50	13.54	15.0	0.0				
Channel												
Frequency (MHz)												
40	QPSK	1	1	13.48	13.48	13.47	15.0	0.0				
Channel												
Frequency (MHz)												
30	QPSK	1	1	13.53	13.54	13.49	15.0	0.0				
Channel												
Frequency (MHz)												
20	QPSK	1	1	13.54	13.54	13.52	15.0	0.0				

Par27Q n78_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1	12.83	3469.98			
100	QPSK	1	137	12.95			14.5	0.0
100	QPSK	1	271	12.84				
100	QPSK	135	0	12.82				
100	QPSK	135	69	12.83			14.5	0.0
100	QPSK	135	138	12.77				
100	QPSK	210	0	12.73			14.5	0.0
100	16QAM	1	1	12.79			14.5	0.0
100	16QAM	1	1	12.81			14.5	0.0
100	256QAM	1	1	12.73			14.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	12.87	12.84	12.76	14.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	12.83	12.84	12.76	14.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	12.88	12.89	12.76	14.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	12.86	12.90	12.83	14.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	12.82	12.88	12.82	14.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	12.85	12.84	12.77	14.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	12.80	12.90	12.75	14.5	0.0

Part270 n78_Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		3750			
100	QPSK	1	137		13.10		15.0	0.0
100	QPSK	1	271		13.12			
100	QPSK	135	0		13.08			
100	QPSK	135	69		13.01		15.0	0.0
100	QPSK	135	138		13.10			
100	QPSK	210	0		12.98		15.0	0.0
100	16QAM	1	1		13.05		15.0	0.0
100	16QAM	1	1		13.00		15.0	0.0
100	256QAM	1	1		12.96		15.0	0.0
100	256QAM	1	1		12.96		15.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	12.79	12.81	12.77	15.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	12.91	12.80	12.88	15.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	12.82	12.82	12.79	15.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	12.90	12.74	12.78	15.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	12.80	12.79	12.85	15.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	12.87	12.74	12.75	15.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	12.84	12.72	12.80	15.0	0.0

Par27Q n78_Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	QPSK	1	1		3499.98			
100	QPSK	1	137		13.23		15.0	0.0
100	QPSK	1	271		13.40			
100	QPSK	135	0		13.15			
100	QPSK	135	69		13.28		15.0	0.0
100	QPSK	135	138		13.26			
100	QPSK	210	0		13.21		15.0	0.0
100	16QAM	1	1		13.23		15.0	0.0
100	16QAM	1	1		13.26		15.0	0.0
100	256QAM	1	1		13.22		15.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	13.12	13.08	12.99	15.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	13.09	13.06	13.04	15.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	13.09	13.04	13.01	15.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	13.14	13.10	13.03	15.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	13.15	13.09	12.98	15.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	13.13	13.02	13.04	15.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	13.18	13.07	12.95	15.0	0.0

Part27O n78_Ant 6

BW [MHz]	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	QPSK	1	1	13.98			15.5	0.0
100	QPSK	1	137	14.00				
100	QPSK	1	271	13.98				
100	QPSK	135	6	13.92			15.5	0.0
100	QPSK	135	69	13.99				
100	QPSK	135	138	13.87				
100	QPSK	220	0	13.87			15.5	0.0
100	16QAM	1	1	13.97			15.5	0.0
100	16QAM	1	1	13.96			15.5	0.0
100	256QAM	1	1	13.97			15.5	0.0
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648302	649000	649258	(dBm)	
90	QPSK	1	1	13.84	13.87	13.75	15.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				649201	649000	648999	(dBm)	
80	QPSK	1	1	13.91	13.91	13.75	15.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				672002	3750	3763.98	(dBm)	
60	QPSK	1	1	13.86	13.84	13.78	15.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3754.98	(dBm)	
50	QPSK	1	1	13.93	13.92	13.73	15.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3760	(dBm)	
40	QPSK	1	1	13.95	13.87	13.78	15.5	0.0
Channel				641000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3764.98	(dBm)	
30	QPSK	1	1	13.93	13.92	13.75	15.5	0.0
Channel				642334	650000	650766	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3769.99	(dBm)	
20	QPSK	1	1	13.94	13.85	13.83	15.5	0.0

Par27Q n78_Ant 6

BW [MHz]	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)				3469.98				
100	QPSK	1	1	13.83			15.5	0.0
100	QPSK	1	137	13.91				
100	QPSK	1	271	13.86				
100	QPSK	135	6	13.83			15.5	0.0
100	QPSK	135	69	13.85				
100	QPSK	135	138	13.77				
100	QPSK	220	0	13.72			15.5	0.0
100	16QAM	1	1	13.76			15.5	0.0
100	16QAM	1	1	13.80			15.5	0.0
100	256QAM	1	1	13.79			15.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				2500	2520.00	2520.00	(dBm)	
90	QPSK	1	1	13.83	13.73	13.73	15.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3469.98	3469.98	3470	(dBm)	
80	QPSK	1	1	13.75	13.63	13.73	15.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3489.98	3493.99	(dBm)	
60	QPSK	1	1	13.83	13.70	13.75	15.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3489.98	3494	(dBm)	
50	QPSK	1	1	13.79	13.64	13.80	15.5	0.0
Channel				631294	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3489.98	3493.99	(dBm)	
40	QPSK	1	1	13.80	13.64	13.79	15.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3489.98	3494.99	(dBm)	
30	QPSK	1	1	13.84	13.71	13.77	15.5	0.0
Channel				630666	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3489.98	3494	(dBm)	
20	QPSK	1	1	13.80	13.72	13.81	15.5	0.0

Part27O n78_Ant 7

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	QPSK	1	1	13.98			16.0	0.0
100	QPSK	1	137	14.10				
100	QPSK	1	271	14.00				
100	QPSK	135	69	13.93			16.0	0.0
100	QPSK	135	69	14.04				
100	QPSK	135	138	14.00				
100	QPSK	270	0	14.03			16.0	0.0
100	QPSK	1	1	13.92				
100	16QAM	1	1	13.92				
100	16QAM	1	1	13.94			16.0	0.0
100	16QAM	1	1	13.92				
100	16QAM	1	1	13.92				
Channel				648668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				648302	649000	649338	(dBm)	
90	QPSK	1	1	13.92	13.81	13.90	16.0	0.0
Channel				649334	650000	650666		
Frequency (MHz)				649334	650000	650666		
80	QPSK	1	1	14.03	13.80	13.90	16.0	0.0
Channel				648668	650000	651332		
Frequency (MHz)				648668	650000	651332		
60	QPSK	1	1	14.01	13.81	13.96	16.0	0.0
Channel				648334	650000	651666		
Frequency (MHz)				648334	650000	651666		
50	QPSK	1	1	14.02	13.82	13.99	16.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				648000	650000	652000		
40	QPSK	1	1	13.94	13.85	13.91	16.0	0.0
Channel				641198	650000	652232		
Frequency (MHz)				641198	650000	652232		
30	QPSK	1	1	14.02	13.87	13.98	16.0	0.0
Channel				642334	650000	652666		
Frequency (MHz)				642334	650000	652666		
20	QPSK	1	1	13.98	13.78	13.92	16.0	0.0
Channel				641002	650000	653000		
Frequency (MHz)				641002	650000	653000		

Par27Q n78_Ant 7

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332				
Frequency (MHz)				3469.98				
100	QPSK	1	1	13.50			15.0	0.0
100	QPSK	1	137	13.51				
100	QPSK	1	271	13.46				
100	QPSK	135	69	13.45			15.0	0.0
100	QPSK	135	69	13.47				
100	QPSK	135	138	13.36				
100	QPSK	270	0	13.41			15.0	0.0
100	16QAM	1	1	13.40				
100	16QAM	1	1	13.37				
100	16QAM	1	1	13.44			15.0	0.0
100	16QAM	1	1	13.44				
100	16QAM	1	1	13.44				
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				632666	633000	633666	(dBm)	
90	QPSK	1	1	13.45	13.38	13.31	15.0	0.0
Channel				632668	633332	634000		
Frequency (MHz)				632668	633332	634000		
80	QPSK	1	1	13.36	13.31	13.36	15.0	0.0
Channel				632000	633332	634666		
Frequency (MHz)				632000	633332	634666		
60	QPSK	1	1	13.38	13.29	13.34	15.0	0.0
Channel				631668	633332	635000		
Frequency (MHz)				631668	633332	635000		
50	QPSK	1	1	13.36	13.27	13.30	15.0	0.0
Channel				631334	633332	635332		
Frequency (MHz)				631334	633332	635332		
40	QPSK	1	1	13.40	13.36	13.28	15.0	0.0
Channel				631000	633332	635666		
Frequency (MHz)				631000	633332	635666		
30	QPSK	1	1	13.46	13.34	13.26	15.0	0.0
Channel				630666	633332	636000		
Frequency (MHz)				630666	633332	636000		
20	QPSK	1	1	13.38	13.36	13.27	15.0	0.0
Channel				630332	633332	636332		
Frequency (MHz)				630332	633332	636332		

NON DBS Power for WLAN

WLAN 2.4GHz FCC

2.4GHz WLAN			FILL Power						Heat Standalone						Heat Simultaneous						Thermal							
Mode	Channel	Frequency (MHz)	Ave 6		Ave 17		Ave 6+17		Ave 6		Ave 17		Ave 6+17		Ave 6		Ave 17		Ave 6+17		Ave 6		Ave 17		Ave 6+17			
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
			1	2412	16.81	18.00	17.12	18.00	15.98	21.00	16.12	16.00	14.88	16.00	16.17	15.00	15.31	14.00	14.00	16.07	17.00	16.61	18.00	17.12	18.00	15.98	21.00	
2.4GHz WLAN	802.11b 1Mbps	6	2437	17.09 <td>18.00</td> <td>17.61</td> <td>18.00</td> <td>20.37</td> <td>21.00</td> <td>15.73</td> <td>16.00</td> <td>15.32</td> <td>16.00</td> <td>18.54</td> <td>19.50</td> <td>15.33</td> <td>14.00</td> <td>14.00</td> <td>14.50</td> <td>16.00</td> <td>17.00</td> <td>17.09</td> <td>18.00</td> <td>17.61</td> <td>18.00</td> <td>20.37</td> <td>21.00</td>	18.00	17.61	18.00	20.37	21.00	15.73	16.00	15.32	16.00	18.54	19.50	15.33	14.00	14.00	14.50	16.00	17.00	17.09	18.00	17.61	18.00	20.37	21.00	
		11	2462	16.59	18.00	16.02	18.00	19.67	21.00	15.77	16.00	15.16	16.00	18.46	18.00	13.23	14.00	13.73	14.50	16.00	17.00	16.59	18.00	16.02	18.00	19.67	21.00	
		1	2412	15.25	17.00	15.26	17.00	15.29	20.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	15.25	17.00	15.26	17.00	15.29	20.00	
	802.11g 6Mbps	6	2437	16.48	18.00	16.75	18.00	19.63	21.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	16.48	18.00	16.75	18.00	19.63	21.00	
		11	2462	15.94	17.50	16.08	17.50	19.02	20.50	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	15.94	17.50	16.08	17.50	19.02	20.50	
		1	2412	12.76	14.50	12.87	14.50	15.73	17.50	14.50	14.50	14.50	14.50	17.50	14.50	14.50	14.50	14.50	14.50	14.50	17.50	12.76	14.50	12.87	14.50	15.73	17.50	
	802.11n-HT20 MCS0	6	2437	16.40	18.00	16.64	18.00	19.25	21.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	16.40	18.00	16.64	18.00	19.25	21.00	
		11	2462	15.42	17.00	15.46	17.00	16.46	20.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	15.42	17.00	15.46	17.00	16.46	20.00
		1	2412	12.89	14.50	12.76	14.50	15.84	17.50	14.50	14.50	14.50	14.50	17.50	14.50	14.50	14.50	14.50	14.50	14.50	17.50	12.89	14.50	12.76	14.50	15.84	17.50	
	802.11ac+HE20 MCS0	6	2437	16.69	18.00	16.94	18.00	19.63	21.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	16.69	18.00	16.94	18.00	19.63	21.00	
		11	2462	15.53	17.00	15.62	17.00	16.59	20.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	16.00	17.00	15.53	17.00	15.62	17.00	16.59	20.00

<WLAN 2.4GHz FCC>

[illegible]

Area	E-200W WLAN				F-12L Power				Heal Standalone				Heal Simultaneous				Heatnet						
	Aug 5				Aug 5/16				Aug 5				Aug 5/16				Aug 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit				
E-200W WLAN	802.11a Mbps	38	5180	14.37	15.00	13.99	15.00	17.17	18.00	14.31	15.00	13.94	15.00	17.17	18.00	11.00	11.00	14.00	14.31	15.00	13.94	15.00	
		40	5200	14.11	15.00	13.75	15.00	18.87	18.00	14.11	15.00	13.75	15.00	18.87	18.00	11.00	11.00	14.00	14.11	15.00	13.75	15.00	
		42	5220	14.23	15.00	13.76	15.00	17.92	18.00	14.23	15.00	13.76	15.00	17.92	18.00	11.00	11.00	14.00	14.23	15.00	13.76	15.00	
		48	5240	14.26	15.00	13.80	15.00	17.05	18.00	14.26	15.00	13.80	15.00	17.05	18.00	11.00	11.00	14.00	14.26	15.00	13.80	15.00	
	802.11n/720 MCSS	38	5180	14.20	15.00	13.74	15.00	16.99	18.00	14.20	15.00	13.74	15.00	16.99	18.00	11.00	11.00	14.00	14.20	15.00	13.74	15.00	
		40	5200	14.24	15.00	13.73	15.00	17.03	18.00	14.24	15.00	13.73	15.00	17.03	18.00	11.00	11.00	14.00	14.24	15.00	13.73	15.00	
		42	5220	14.26	15.00	13.75	15.00	17.04	18.00	14.26	15.00	13.75	15.00	17.04	18.00	11.00	11.00	14.00	14.26	15.00	13.75	15.00	
		48	5240	14.35	15.00	13.89	15.00	17.14	18.00	14.35	15.00	13.89	15.00	17.14	18.00	11.00	11.00	14.00	14.35	15.00	13.89	15.00	
	802.11n/470 MCSS	38	5180	13.56	15.00	13.28	15.00	16.63	18.00	13.56	15.00	13.28	15.00	16.63	18.00	Not Required	Not Required	Not Required	14.00	13.56	15.00	13.28	15.00
		40	5200	14.00	15.00	13.52	15.00	16.83	18.00	14.10	15.00	13.52	15.00	16.83	18.00	11.00	11.00	14.00	14.10	15.00	13.52	15.00	
		42	5220	14.24	15.00	13.84	15.00	17.19	18.00	14.24	15.00	13.84	15.00	17.19	18.00	11.00	11.00	14.00	14.24	15.00	13.84	15.00	
		48	5240	14.26	15.00	13.88	15.00	17.08	18.00	14.26	15.00	13.88	15.00	17.08	18.00	11.00	11.00	14.00	14.26	15.00	13.88	15.00	
S-200W WLAN	802.11a-WF20 MCSS	40	5200	14.22	15.00	13.88	15.00	17.09	18.00	14.22	15.00	13.88	15.00	17.09	18.00	11.00	11.00	14.00	14.22	15.00	13.88	15.00	
		42	5220	14.26	15.00	13.83	15.00	17.08	18.00	14.26	15.00	13.83	15.00	17.08	18.00	11.00	11.00	14.00	14.26	15.00	13.83	15.00	
		48	5240	14.27	15.00	13.88	15.00	17.09	18.00	14.27	15.00	13.88	15.00	17.09	18.00	11.00	11.00	14.00	14.27	15.00	13.88	15.00	
	802.11a-VHT20 MCSS	38	5180	14.26	15.00	13.84	15.00	17.19	18.00	14.26	15.00	13.84	15.00	17.19	18.00	11.00	11.00	14.00	14.26	15.00	13.84	15.00	
		40	5200	14.24	15.00	13.83	15.00	17.18	18.00	14.24	15.00	13.83	15.00	17.18	18.00	11.00	11.00	14.00	14.24	15.00	13.83	15.00	
		48	5240	14.26	15.00	13.88	15.00	17.09	18.00	14.26	15.00	13.88	15.00	17.09	18.00	11.00	11.00	14.00	14.26	15.00	13.88	15.00	
	802.11a-VHT40 MCSS	38	5180	14.14	15.00	13.55	15.00	16.87	18.00	14.14	15.00	13.55	15.00	16.87	18.00	11.00	11.00	14.00	14.14	15.00	13.55	15.00	
		40	5200	14.19	15.00	13.56	15.00	16.86	18.00	14.19	15.00	13.56	15.00	16.86	18.00	11.00	11.00	14.00	14.19	15.00	13.56	15.00	
		48	5240	14.26	15.00	13.88	15.00	17.09	18.00	14.26	15.00	13.88	15.00	17.09	18.00	11.00	11.00	14.00	14.26	15.00	13.88	15.00	
	802.11a-VHT80 MCSS	42	5210	13.82	15.00	13.27	15.00	16.56	18.00	13.82	15.00	13.27	15.00	16.56	18.00	9.62	11.00	10.25	14.00	13.82	15.00	13.27	15.00
		36	5190	14.32	15.00	13.88	15.00	17.11	18.00	14.32	15.00	13.88	15.00	17.11	18.00	11.00	11.00	14.00	14.32	15.00	13.88	15.00	
		42	5210	13.82	15.00	13.27	15.00	16.56	18.00	13.82	15.00	13.27	15.00	16.56	18.00	9.62	11.00	10.25	14.00	13.82	15.00	13.27	15.00
802.11a-HE20 MCSS	44	5210	14.38	15.00	13.97	15.00	17.18	18.00	14.38	15.00	13.97	15.00	17.18	18.00	11.00	11.00	14.00	14.38	15.00	13.97	15.00		
	48	5240	14.47	15.00	14.05	15.00	17.28	18.00	14.47	15.00	14.05	15.00	17.28	18.00	Not Required	Not Required	Not Required	14.00	14.47	15.00	14.05	15.00	
	38	5190	14.48	15.00	13.91	15.00	17.88	18.00	14.48	15.00	13.91	15.00	17.88	18.00	11.00	11.00	14.00	14.48	15.00	13.91	15.00		
802.11a-HE40 MCSS	46	5230	14.26	15.00	13.86	15.00	17.08	18.00	14.26	15.00	13.86	15.00	17.08	18.00	11.00	11.00	14.00	14.26	15.00	13.86	15.00		
	42	5210	13.93	15.00	13.37	15.00	16.67	18.00	13.93	15.00	13.37	15.00	16.67	18.00	11.00	11.00	14.00	13.93	15.00	13.37	15.00		
	48	5240	14.47	15.00	14.05	15.00	17.28	18.00	14.47	15.00	14.05	15.00	17.28	18.00	11.00	11.00	14.00	14.47	15.00	14.05	15.00		

5.3GHz WLAN			Full Power						Head Simulation						Extremity Simulation											
			Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18		Ant 5		Ant 18		Ant 5+18							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit	Average power (dBm)	Time-Lb Limit					
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.80	19.00	17.50	19.00	20.72	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.60	19.00	17.86	19.00	20.72	22.00				
		56	5280	17.87	19.00	17.50	19.00	20.77	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.67	19.00	17.53	19.00	20.77	22.00				
		60	5300	17.89	19.00	17.54	19.00	20.73	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.80	19.00	17.54	19.00	20.73	22.00				
		64	5320	17.95	19.00	17.72	19.00	20.86	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.90	19.00	17.72	19.00	20.86	22.00				
		52	5260	17.76	19.00	17.38	19.00	20.59	22.00	15.30		15.30	18.50	11.00	11.00	14.00	17.76	19.00	17.38	19.00	20.59	22.00				
		56	5280	17.79	19.00	17.46	19.00	20.64	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.79	19.00	17.46	19.00	20.64	22.00				
	802.11a HT20 MCS0	60	5300	17.89	19.00	17.56	19.00	20.73	22.00	15.50		15.50	18.50	11.00	11.00	14.00	17.80	19.00	17.56	19.00	20.73	22.00				
		64	5320	17.94	19.00	17.58	19.00	20.78	22.00	15.50		15.50	18.50	11.00	11.00	Not Required	11.00	Not Required	14.00	17.94	19.00	17.58	19.00	20.78	22.00	
		54	5270	17.62	18.50	17.09	18.50	20.38	21.50	15.50		15.50	18.50	11.00	11.00	11.00	17.62	18.50	17.09	18.50	20.38	21.50				
		52	5310	15.69	16.50	15.10	16.50	18.42	19.50	15.30		15.30	18.50	11.00	11.00	11.00	15.69	16.50	15.10	16.50	18.42	19.50				
		52	5280	17.61	19.00	17.43	19.00	20.64	22.00	15.50		15.50	18.50	11.00	11.00	11.00	17.61	19.00	17.43	19.00	20.64	22.00				
		56	5280	17.67	19.00	17.50	19.00	20.70	22.00	15.50		15.50	18.50	11.00	11.00	11.00	17.67	19.00	17.50	19.00	20.70	22.00				
	802.11a VHT40 MCS0	60	5300	17.94	19.00	17.58	19.00	20.78	22.00	15.50		15.50	18.50	11.00	11.00	11.00	17.94	19.00	17.58	19.00	20.78	22.00				
		64	5320	17.99	19.00	17.62	19.00	20.82	22.00	15.50		15.50	18.50	11.00	11.00	11.00	17.99	19.00	17.62	19.00	20.82	22.00				
		54	5270	17.68	18.50	17.16	18.50	20.44	21.50	15.50		15.50	18.50	11.00	11.00	11.00	17.68	18.50	17.16	18.50	20.44	21.50				
		52	5310	15.76	16.50	15.17	16.50	18.49	19.50	15.50		15.50	18.50	11.00	11.00	11.00	15.76	16.50	15.17	16.50	18.49	19.50				
		56	5280	14.32	15.50	13.53	15.50	16.36	18.50	14.32	15.50	13.53	15.50	16.50	9.38	11.00	9.88	11.00	12.74	14.00	14.32	15.50	13.53	15.50	16.36	18.50
		52	5280	18.42	19.50	18.61	19.50	21.23	22.50	15.50		15.50	18.50	11.00	11.00	11.00	18.42	19.50	18.61	19.50	21.23	22.50				
	802.11a HE20 MCS0	56	5280	18.44	19.50	18.07	19.50	21.27	22.50	15.50		15.50	18.50	11.00	11.00	11.00	18.44	19.50	18.07	19.50	21.27	22.50				
		60	5300	18.56	19.50	18.19	19.50	21.39	22.50	15.50		15.50	18.50	11.00	11.00	11.00	18.56	19.50	18.19	19.50	21.39	22.50				
		64	5320	18.57	19.50	18.21	19.50	21.41	22.50	15.50		15.50	18.50	11.00	11.00	Not Required	11.00	Not Required	14.00	18.57	19.50	18.21	19.50	21.41	22.50	
		54	5270	18.39	19.50	17.79	19.50	21.09	22.50	15.50		15.50	18.50	11.00	11.00	11.00	18.39	19.50	17.79	19.50	21.09	22.50				
		52	5310	15.85	16.50	15.26	16.50	18.57	19.50	15.50		15.50	18.50	11.00	11.00	11.00	15.85	16.50	15.26	16.50	18.57	19.50				
		58	5290	14.30	15.50	13.67	15.50	17.01	18.50	14.30	15.50	13.67	15.50	17.00	11.00	11.00	14.30	15.50	13.67	15.50	17.01	18.50				

S.3DPE WLAN			Extremely Simultaneous								Busy Simultaneous								Busy Simultaneous										
			Ant. 5		Ant. 18		Ant. 5+18		Ant. 5		Ant. 18		Ant. 5+18		Ant. 5		Ant. 18		Ant. 5+18										
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
S.3DPE WLAN	802.11a 6Mbps	52	5280	15.50	15.50	15.50	17.90	15.50	17.60	19.00	17.50	19.00	20.72	22.00	17.50	19.00	17.50	19.00	20.72	22.00	17.50	19.00	20.72	22.00	17.50	19.00	20.72	22.00	96.07
		56	5280	15.50	15.50	15.50	17.87	19.00	17.60	19.00	20.77	22.00	17.67	19.00	17.63	19.00	20.77	22.00	17.67	19.00	20.77	22.00	17.67	19.00	20.77	22.00			
		60	5300	15.50	15.50	15.50	17.80	19.00	17.54	19.00	20.73	22.00	17.69	19.00	17.54	19.00	20.73	22.00	17.69	19.00	20.73	22.00	17.69	19.00	20.73	22.00			
		52	5320	15.50	15.50	15.50	18.50	17.96	19.00	17.72	19.00	20.85	22.00	17.66	19.00	17.72	19.00	20.85	22.00	17.66	19.00	20.85	22.00	17.66	19.00	20.85	22.00		
		56	5280	15.50	15.50	15.50	18.50	17.76	19.00	17.38	19.00	20.59	22.00	17.76	19.00	17.38	19.00	20.59	22.00	17.76	19.00	20.59	22.00	17.76	19.00	20.59	22.00		
		60	5300	15.50	15.50	15.50	18.50	17.79	19.00	17.40	19.00	20.64	22.00	17.79	19.00	17.46	19.00	20.64	22.00	17.79	19.00	20.64	22.00	17.79	19.00	20.64	22.00	96.76	
	802.11a-MHT20 MCS9	52	5280	15.50	15.50	15.50	18.50	17.86	19.00	17.60	19.00	20.79	22.00	17.60	19.00	17.65	19.00	20.79	22.00	17.60	19.00	20.79	22.00	17.60	19.00	20.79	22.00		
		56	5300	15.50	15.50	15.50	18.50	17.94	19.00	17.68	19.00	20.78	22.00	17.64	19.00	17.58	19.00	20.78	22.00	17.64	19.00	20.78	22.00	17.64	19.00	20.78	22.00		
		60	5320	15.50	15.50	15.50	18.50	17.94	19.00	17.68	19.00	20.78	22.00	17.64	19.00	17.58	19.00	20.78	22.00	17.64	19.00	20.78	22.00	17.64	19.00	20.78	22.00		
		54	5270	15.50	15.50	15.50	18.50	17.62	19.00	17.60	19.00	20.38	21.50	17.62	19.00	17.60	19.00	20.38	21.50	17.62	19.00	20.38	21.50	17.62	19.00	20.38	21.50	93.08	
		52	5210	15.50	15.50	15.50	18.50	15.89	16.50	15.50	18.50	16.42	19.50	15.69	18.50	15.10	16.50	16.42	19.50	15.69	18.50	15.10	16.50	16.42	19.50				
		56	5280	15.50	15.50	15.50	18.50	17.81	19.00	17.40	19.00	20.64	22.00	17.81	19.00	17.43	19.00	20.64	22.00	17.81	19.00	20.64	22.00	17.81	19.00	20.64	22.00		
	802.11a-MHT40 MCS9	56	5280	15.50	15.50	15.50	18.50	17.87	19.00	17.60	19.00	20.76	22.00	17.67	19.00	17.60	19.00	20.76	22.00	17.67	19.00	20.76	22.00	17.67	19.00	20.76	22.00		
		60	5300	15.50	15.50	15.50	18.50	17.94	19.00	17.68	19.00	20.78	22.00	17.64	19.00	17.58	19.00	20.78	22.00	17.64	19.00	20.78	22.00	17.64	19.00	20.78	22.00		
		60	5320	15.50	15.50	15.50	18.50	17.94	19.00	17.68	19.00	20.78	22.00	17.64	19.00	17.58	19.00	20.78	22.00	17.64	19.00	20.78	22.00	17.64	19.00	20.78	22.00		
		54	5270	15.50	15.50	15.50	18.50	17.62	19.00	17.60	19.00	20.38	21.50	17.62	19.00	17.60	19.00	20.38	21.50	17.62	19.00	20.38	21.50	17.62	19.00	20.38	21.50	96.79	
		52	5310	15.50	15.50	15.50	18.50	15.76	16.50	15.17	16.50	18.49	19.50	15.76	16.50	15.17	16.50	18.49	19.50	15.76	16.50	15.17	16.50	18.49	19.50				
		56	5280	14.50	15.50	15.50	15.50	16.80	18.50	14.30	15.50	13.50	15.50	16.95	18.50	14.30	15.50	13.50	15.50	16.95	18.50	14.30	15.50	13.50	15.50	16.95	18.50	86.14	
	802.11a-ME20 MCS9	52	5280	15.50	15.50	15.50	18.50	18.42	19.50	18.01	19.50	21.23	22.50	18.42	19.50	18.01	19.50	21.23	22.50	18.42	19.50	18.01	19.50	21.23	22.50				
		56	5300	15.50	15.50	15.50	18.50	18.44	19.50	18.07	19.50	21.27	22.50	18.44	19.50	18.07	19.50	21.27	22.50	18.44	19.50	18.07	19.50	21.27	22.50				
		60	5300	15.50	15.50	15.50	18.50	18.56	19.50	18.59	19.50	21.39	22.50	18.58	19.50	18.19	19.50	21.39	22.50	18.58	19.50	18.19	19.50	21.39	22.50				
		64	5320	15.50	15.50	15.50	18.50	18.57	19.50	18.21	19.50	21.41	22.50	18.57	19.50	18.21	19.50	21.41	22.50	18.57	19.50	18.21	19.50	21.41	22.50				
		54	5270	15.50	15.50	15.50	18.50	18.38	19.50	17.79	19.50	21.05	22.50	18.29	19.50	17.79	19.50	21.05	22.50	18.29	19.50	17.79	19.50	21.05	22.50				
		52	5310	15.50	15.50	15.50	18.50	15.85	16.50	15.26	16.50	18.07	19.50	15.85	16.50	15.26	16.50	18.07	19.50	15.85	16.50	15.26	16.50	18.07	19.50				
802.11a-ME40 MCS9	52	5310	15.50	15.50	15.50	18.50	15.85	16.50	15.26	16.50	18.07	19.50	15.85	16.50	15.26	16.50	18.07	19.50	15.85	16.50	15.26	16.50	18.07	19.50					
	56	5290	15.50	15.50	15.50	18.50	14.36	15.50	13.67	15.50	17.01	18.50	14.36	15.50	13.67	15.50	17.01	18.50	14.36	15.50	13.67	15.50	17.01	18.50					

5 GHz WLAN				Full Power				Head Staircase				Head Simulation				Extremity Staircase											
Mode	Channel	Frequency (MHz)	Ant 5		Ant 16		Ant 5+16		Ant 5		Ant 16		Ant 5+16		Ant 5		Ant 16		Ant 5+16								
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit							
802.11a 8Mbps	100	5000	16.48	17.50	16.31	17.50	19.41	20.50	16.31	17.50	19.41	20.50	16.31	17.50	16.31	17.50	19.41	20.50	16.31	17.50	19.41	20.50					
	118	5080	16.30	17.50	16.54	17.50	16.44	20.50	16.50	16.30	17.50	16.50	17.50	16.50	16.30	17.50	16.50	17.50	16.50	17.50	16.44	20.50					
	124	5080	16.31	17.50	16.36	17.50	16.36	20.50	16.50	16.31	17.50	16.36	17.50	16.36	17.50	16.50	16.31	17.50	16.36	17.50	16.36	20.50					
	132	5080	16.60	17.50	16.50	17.50	16.50	20.50	16.50	16.60	17.50	16.50	17.50	16.50	16.60	17.50	16.50	17.50	16.50	17.50	16.50	20.50					
	140	5700	16.55	17.50	16.31	17.50	16.45	20.50	16.50	16.55	17.50	16.31	17.50	16.45	20.50	16.50	16.55	17.50	16.31	17.50	16.45	20.50					
	144	5720	16.58	17.50	16.30	17.50	16.46	20.50	16.50	16.58	17.50	16.30	17.50	16.46	20.50	16.50	16.58	17.50	16.30	17.50	16.46	20.50					
	150	5500	16.30	17.50	16.20	17.50	16.26	20.50	16.50	16.30	17.50	16.20	17.50	16.26	20.50	16.50	16.30	17.50	16.20	17.50	16.26	20.50					
	156	5580	16.24	17.50	16.51	17.50	16.39	20.50	16.50	16.24	17.50	16.51	17.50	16.39	20.50	16.50	16.24	17.50	16.51	17.50	16.39	20.50					
	124	5620	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50					
	132	5660	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50					
802.11a-VHT20 MC30	140	5700	16.39	17.50	16.27	17.50	16.34	20.50	16.50	16.40	17.50	16.27	17.50	16.34	20.50	16.50	16.39	17.50	16.27	17.50	16.34	20.50					
	144	5720	16.44	17.50	16.17	17.50	16.32	20.50	16.50	16.44	17.50	16.17	17.50	16.32	20.50	16.50	16.44	17.50	16.17	17.50	16.32	20.50					
	150	5500	16.24	17.50	16.58	17.50	16.39	20.50	16.50	16.24	17.50	16.58	17.50	16.39	20.50	16.50	16.24	17.50	16.58	17.50	16.39	20.50					
	124	5620	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50					
	132	5660	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50					
	140	5700	16.39	17.50	16.27	17.50	16.34	20.50	16.50	16.40	17.50	16.27	17.50	16.34	20.50	16.50	16.39	17.50	16.27	17.50	16.34	20.50					
	144	5720	16.44	17.50	16.17	17.50	16.32	20.50	16.50	16.44	17.50	16.17	17.50	16.32	20.50	16.50	16.44	17.50	16.17	17.50	16.32	20.50					
	150	5500	16.24	17.50	16.58	17.50	16.39	20.50	16.50	16.24	17.50	16.58	17.50	16.39	20.50	16.50	16.24	17.50	16.58	17.50	16.39	20.50					
	124	5620	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50	16.50	16.30	17.50	16.40	17.50	16.31	20.50					
	132	5660	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50	16.50	16.51	17.50	16.32	17.50	16.43	20.50					
802.11a-VHT40 MC30	136	5630	15.77	17.50	15.95	17.50	15.87	20.50	Not Required	136	5630	15.77	17.50	15.95	17.50	15.87	20.50	Not Required	136	5630	15.77	17.50	15.95	17.50	15.87	20.50	Not Required
	134	5670	16.10	17.50	16.03	17.50	15.08	20.50	16.00	134	5670	16.10	17.50	16.03	17.50	15.08	20.50	16.00	134	5670	16.10	17.50	16.03	17.50	15.08	20.50	16.00
	142	5710	16.16	17.50	15.87	17.50	15.08	20.50	16.00	142	5710	16.16	17.50	15.87	17.50	15.08	20.50	16.00	142	5710	16.16	17.50	15.87	17.50	15.08	20.50	16.00
	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22
	116	5580	16.27	17.50	16.56	17.50	16.43	20.50	16.00	116	5580	16.27	17.50	16.56	17.50	16.43	20.50	16.00	116	5580	16.27	17.50	16.56	17.50	16.43	20.50	16.00
	134	5620	16.27	17.50	16.43	17.50	16.36	20.50	16.00	134	5620	16.27	17.50	16.43	17.50	16.36	20.50	16.00	134	5620	16.27	17.50	16.43	17.50	16.36	20.50	16.00
	132	5660	16.55	17.50	16.36	17.50	16.47	20.50	16.00	132	5660	16.55	17.50	16.36	17.50	16.47	20.50	16.00	132	5660	16.55	17.50	16.36	17.50	16.47	20.50	16.00
	144	5700	16.45	17.50	16.33	17.50	16.40	20.50	16.00	144	5700	16.45	17.50	16.33	17.50	16.40	20.50	16.00	144	5700	16.45	17.50	16.33	17.50	16.40	20.50	16.00
	140	5720	16.49	17.50	16.22	17.50	16.37	20.50	16.00	140	5720	16.49	17.50	16.22	17.50	16.37	20.50	16.00	140	5720	16.49	17.50	16.22	17.50	16.37	20.50	16.00
	110	5550	16.12	17.50	16.02	17.50	15.08	20.50	16.00	110	5550	16.12	17.50	16.02	17.50	15.08	20.50	16.00	110	5550	16.12	17.50	16.02	17.50	15.08	20.50	16.00
802.11a-VHT80 MC30	126	5630	15.82	17.50	15.98	17.50	15.91	20.50	16.00	126	5630	15.82	17.50	15.98	17.50	15.91	20.50	16.00	126	5630	15.82	17.50	15.98	17.50	15.91	20.50	16.00
	134	5670	16.13	17.50	16.11	17.50	16.13	20.50	16.00	134	5670	16.13	17.50	16.11	17.50	16.13	20.50	16.00	134	5670	16.13	17.50	16.11	17.50	16.13	20.50	16.00
	142	5710	16.16	17.50	16.02	17.50	16.11	20.50	16.00	142	5710	16.16	17.50	16.02	17.50	16.11	20.50	16.00	142	5710	16.16	17.50	16.02	17.50	16.11	20.50	16.00
	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22	108	5530	12.41	14.00	12.07	14.00	15.25	17.00	12.22
	122	5610	15.50	17.50	15.80	17.50	16.86	20.50	12.27	122	5610	15.50	17.50	15.80	17.50	16.86	20.50	12.27	122	5610	15.50	17.50	15.80	17.50	16.86	20.50	12.27
	138	5690	15.95	17.50	15.79	17.50	15.86	20.50	12.05	138	5690	15.95	17.50	15.79	17.50	15.86	20.50	12.05	138	5690	15.95	17.50	15.79	17.50	15.86	20.50	12.05
	150	5500	16.41	17.50	16.55	17.50	16.39	20.50	16.00	150	5500	16.41	17.50	16.55	17.50	16.39	20.50	16.00	150	5500	16.41	17.50	16.55	17.50	16.39	20.50	16.00
	116	5580	16.16	17.50	16.42	17.50	16.30	20.50	16.00	116	5580	16.16	17.50	16.42	17.50	16.30	20.50	16.00	116	5580	16.16	17.50	16.42	17.50	16.30	20.50	16.00
	124	5620	16.33	17.50	16.51	17.50	16.43	20.50	16.00	124	5620	16.33	17.50	16.51	17.50	16.43	20.50	16.00	124	5620	16.33	17.50	16.51	17.50	16.43	20.50	16.00
	132	5660	16.65	17.50	16.46	17.50	16.57	20.50	16.00	132	5660	16.65	17.50	16.46	17.50	16.57	20.50	16.00	132	5660	16.65	17.50	16.46	17.50	16.57	20.50	16.00
802.11a-HE20 MC30	140	5700	16.53	17.50	16.44	17.50	16.30	20.50	16.00	140	5700	16.53	17.50	16.44	17.50	16.30	20.50	16.00	140	5700	16.53	17.50	16.44	17.50	16.30	20.50	16.00
	144	5720	16.56	17.50	16.31	17.50	16.45	20.50	16.00	144	5720	16.56	17.50	16.31	17.50	16.45	20.50	16.00	144	5720	16.56	17.50	16.31	17.50	16.45	20.50	16.00
	102	5510	16.18	17.50	16.08	17.50	16.13	20.50	16.00	102	5510	16.18	17.50	16.08	17.50	16.13	20.50	16.00	102	5510	16.18	17.50	16.08	17.50	16.13	20.50	16.00
	110	5550	16.23	17.50	16.10	17.50	16.18	20.50	Not Required	110	5550	16.23	17.50	16.10	17.50	16.18	20.50	Not Required	110	5550	16.23	17.50	16.10	17.50	16.18	20.50	Not Required
	126	5630	15.94	17.50	16.08	17.50	15.92	20.50	16.00	126	5630	15.94	17.50	16.08	17.50	15.92	20.50	16.00	126	5630	15.94	17.50	16.08	17.50	15.92	20.50	16.00
	134	5670	16.22	17.50	16.20	17.50	16.23	20.50	16.00	134	5670	16.22	17.50	16.20	17.50	16.23	20.50	16.00	134	5670	16.22	17.50	16.20	17.50	16.23	20.50	16.00
	142	5710	16.26	17.50	16.11	17.50	16.21	20.50	16.00	142	5710	16.26	17.50	16.11	17.50	16.21	20.50	16.00	142	5710	16.26	17.50	16.11	17.50	16.21	20.50	16.00
	102	5510	16.18	17.50	16.08	17.50	16.13	20.50	16.00	102	5510	1															

S-SO4E WLAN			Extremity Simultaneous				Body Simultaneous				Body Simultaneous											
Mode	Channel	Frequency (MHz)	Ant 5		Ant 18		Ant 5		Ant 18		Ant 5		Ant 18		Ant 5		Duty Cycle %					
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit						
802.11a 6Mbps	100	8500	15.50		15.50		18.50	18.46	17.50	18.31	17.50	19.41	20.50	16.48	17.50	18.31	17.50	18.41	20.50	96.07		
	116	8500	15.50		15.50		18.50	18.30	17.50	18.64	17.50	19.44	20.50	16.50	17.50	18.54	17.50	18.44	20.50			
	124	8600	15.50		15.50		18.50	18.31	17.50	18.30	17.50	19.36	20.50	16.51	17.50	18.39	17.50	18.38	20.50			
	132	8600	15.50		15.50		18.50	18.60	17.50	18.50	17.50	19.58	20.50	16.60	17.50	18.50	17.50	18.58	20.50			
	140	8700	15.50		15.50		18.50	18.55	17.50	18.31	17.50	19.45	20.50	16.55	17.50	18.31	17.50	18.45	20.50			
	144	8700	15.50		15.50		18.50	18.58	17.50	18.30	17.50	19.46	20.50	16.58	17.50	18.30	17.50	18.46	20.50			
	802.11a-VHT20 MCS0	100	8500	15.50		15.50		18.50	18.30	17.50	18.20	17.50	19.28	20.50	16.30	17.50	18.20	17.50	18.20	20.50	96.76	
		116	8500	15.50		15.50		18.50	18.24	17.50	18.51	17.50	19.39	20.50	16.24	17.50	18.51	17.50	18.29	20.50		
		124	8600	15.50		15.50		18.50	18.20	17.50	18.40	17.50	19.31	20.50	16.20	17.50	18.40	17.50	18.31	20.50		
		132	8600	15.50		15.50		18.50	18.51	17.50	18.32	17.50	19.43	20.50	16.51	17.50	18.32	17.50	18.43	20.50		
		140	8700	15.50		15.50		18.50	18.36	17.50	18.27	17.50	19.34	20.50	16.39	17.50	18.27	17.50	18.34	20.50		
		144	8700	15.50		15.50		18.50	18.44	17.50	18.27	17.50	19.32	20.50	16.44	17.50	18.17	17.50	18.32	20.50		
802.11a-VHT40 MCS0		100	8500	15.50	Not Required	15.50	Not Required	18.50	18.00	17.50	15.88	17.50	18.86	20.50	16.00	17.50	15.88	17.50	16.00	20.50	93.88	
		126	8600	15.50	Not Required	15.50	Not Required	18.50	18.77	17.50	15.98	17.50	18.87	20.50	15.77	17.50	15.95	17.50	15.87	20.50		
		134	8670	15.50	Not Required	15.50	Not Required	18.50	18.10	17.50	16.00	17.50	19.08	20.50	16.10	17.50	16.03	17.50	16.08	20.50		
		142	8710	15.50	Not Required	15.50	Not Required	18.50	18.16	17.50	15.87	17.50	19.08	20.50	16.16	17.50	15.87	17.50	16.08	20.50		
		150	8500	15.50	Not Required	15.50	Not Required	18.50	18.34	17.50	16.20	17.50	19.32	20.50	16.24	17.50	16.28	17.50	16.23	20.50		
		156	8500	15.50	Not Required	15.50	Not Required	18.50	18.27	17.50	16.55	17.50	19.43	20.50	16.27	17.50	16.56	17.50	16.43	20.50		
	802.11a-VHT20 MCS0	100	8500	15.50		15.50		18.50	18.27	17.50	16.40	17.50	19.36	20.50	16.27	17.50	16.43	17.50	16.38	20.50	96.79	
		126	8600	15.50		15.50		18.50	18.55	17.50	16.30	17.50	19.47	20.50	16.55	17.50	16.38	17.50	16.47	20.50		
		132	8600	15.50		15.50		18.50	18.45	17.50	16.20	17.50	19.40	20.50	16.40	17.50	16.33	17.50	16.40	20.50		
		140	8700	15.50		15.50		18.50	18.48	17.50	16.27	17.50	19.37	20.50	16.40	17.50	16.23	17.50	16.27	20.50		
		144	8700	15.50		15.50		18.50	18.06	17.50	15.94	17.50	19.01	20.50	16.06	17.50	15.94	17.50	16.01	20.50		
		148	8710	15.50		15.50		18.50	18.12	17.50	16.02	17.50	19.08	20.50	16.12	17.50	16.02	17.50	16.08	20.50		
802.11a-VHT40 MCS0		100	8500	15.50		15.50		18.50	15.82	17.50	15.98	17.50	18.91	20.50	15.82	17.50	15.98	17.50	15.91	20.50	93.74	
		126	8600	15.50		15.50		18.50	16.13	17.50	16.11	17.50	19.13	20.50	16.13	17.50	16.11	17.50	16.13	20.50		
		132	8710	15.50		15.50		18.50	16.18	17.50	16.02	17.50	19.11	20.50	16.10	17.50	16.02	17.50	16.11	20.50		
		136	8500	12.41	14.00	12.07	14.00	18.25	17.00	12.41	14.00	12.07	17.00	12.41	14.00	12.07	14.00	18.25	17.00			
		138	8500	13.91	15.50	14.23	15.50	17.01	18.50	15.96	17.50	15.86	17.50	18.66	20.50	15.96	17.50	15.86	17.50	18.66		20.50
		138	8500	13.91	15.50	14.13	15.50	17.01	18.50	15.95	17.50	15.79	17.50	18.88	20.50	15.90	17.50	15.79	17.50	18.88		20.50
	802.11a-VHT20 MCS0	100	8500	15.50		15.50		18.50	18.41	17.50	18.20	17.50	19.29	20.50	16.41	17.50	18.20	17.50	18.29	20.50	95.88	
		116	8500	15.50		15.50		18.50	18.36	17.50	18.47	17.50	19.50	20.50	16.36	17.50	18.42	17.50	18.50	20.50		
		124	8600	15.50		15.50		18.50	18.33	17.50	18.51	17.50	19.43	20.50	16.33	17.50	18.51	17.50	18.43	20.50		
		132	8600	15.50		15.50		18.50	18.65	17.50	18.46	17.50	19.57	20.50	16.65	17.50	18.46	17.50	18.57	20.50		
		140	8700	15.50		15.50		18.50	18.53	17.50	18.44	17.50	19.50	20.50	16.53	17.50	18.44	17.50	18.50	20.50		
		144	8700	15.50		15.50		18.50	18.58	17.50	18.21	17.50	19.43	20.50	16.58	17.50	18.21	17.50	18.43	20.50		
802.11a-VHT40 MCS0		100	8500	15.50	Not Required	15.50	Not Required	18.50	18.23	17.50	16.10	17.50	19.18	20.50	16.23	17.50	16.10	17.50	16.18	20.50	92.46	
		126	8600	15.50	Not Required	15.50	Not Required	18.50	18.34	17.50	16.08	17.50	19.02	20.50	15.94	17.50	16.08	17.50	16.02	20.50		
		134	8670	15.50	Not Required	15.50	Not Required	18.50	18.22	17.50	16.20	17.50	19.23	20.50	16.22	17.50	16.23	17.50	16.23	20.50		
		142	8710	15.50	Not Required	15.50	Not Required	18.50	18.28	17.50	16.11	17.50	19.21	20.50	16.28	17.50	16.11	17.50	16.21	20.50		
		146	8500	14.00	14.00	14.00	12.50	14.00	12.50	14.00	12.50	17.00	12.50	14.00	12.50	14.00	12.50	14.00	12.50	17.00		
		148	8610	15.50		15.50		18.50	15.59	17.50	15.92	17.50	18.77	20.50	15.59	17.50	15.92	17.50	18.77	20.50		
	802.11a-VHT0 MCS0	100	8500	15.50		15.50		18.50	18.00	17.50	15.98	17.50	18.86	20.50	16.00	17.50	15.90	17.50	16.00	20.50	86.84	
		138	8500	15.50		15.50		18.50	18.00	17.50	15.98	17.50	18.86	20.50	16.00	17.50	15.90	17.50	16.00	20.50		

		15.4. Power												15.4d. Standalone												15.4d. Standalone												15.4d. Standalone											
		Aut 5				Aut 5-18				Aut 5				Aut 18				Aut 5-18				Aut 5				Aut 18				Aut 5-18				Aut 5				Aut 18				Aut 5-18							
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit													
5 GHz (VLA)	802.11a (Mbps)	149	8245	18.42	19.50	18.35	19.50	21.40	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		157	8263	18.38	19.50	18.44	19.50	21.42	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		166	8265	18.10	19.50	18.37	19.50	21.25	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		143	8240	17.81	19.50	17.79	19.50	20.84	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
	802.11a/11n/20 MCS0	156	8260	17.82	19.50	17.77	19.50	20.81	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		165	8262	17.62	19.50	17.81	19.50	20.73	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		151	8256	17.37	19.50	17.62	19.50	20.61	21.50	Not Required	Not Required	14.50	17.50	Not Required	11.50	Not Required	11.50	Not Required	14.50	17.50	Not Required	14.50	17.50	Not Required	14.50	17.50	Not Required	14.50	17.50	Not Required	14.50	17.50	Not Required	14.50	17.50	Not Required													
		158	8256	17.87	18.50	17.71	18.50	20.65	21.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
	802.11a-VHT20 MCS0	149	8245	17.81	19.50	17.80	19.50	20.85	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		157	8263	17.85	19.50	17.82	19.50	20.85	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		166	8265	17.64	19.50	17.87	19.50	20.77	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		151	8256	17.62	18.50	17.66	18.50	20.65	21.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
	802.11a-VHT40 MCS0	156	8260	17.63	18.50	17.76	18.50	20.71	21.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		157	8263	17.67	18.50	17.79	18.50	20.76	21.50	12.00	14.50	-13.08	14.50	16.05	-12.41	-10.24	11.50	16.18	11.50	-13.22	14.50	12.00	14.50	-13.08	14.50	16.05	-12.41	11.50	16.18	11.50	14.50	16.05	-12.41	11.50	16.18	11.50													
		149	8245	18.00	19.50	18.30	19.50	21.48	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
		157	8263	18.44	19.50	18.42	19.50	21.44	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50														
802.11a-HR20 MCS0	165	8262	18.25	19.50	18.46	19.50	21.37	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															
	149	8245	18.08	19.50	18.36	19.50	21.26	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															
	156	8260	18.23	19.50	18.38	19.50	21.30	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															
	159	8266	18.22	19.50	18.36	19.50	21.30	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															
802.11a-HR40 MCS0	159	8266	18.22	19.50	18.36	19.50	21.30	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															
	155	8273	18.02	19.50	17.89	19.50	21.02	22.50		14.50		14.50		17.50		11.50		11.50		14.50		14.50		14.50		14.50		14.50		14.50		14.50		17.50															



	Mode	Channel	Frequency (MHz)	Extremity Simulation								Extremity Simulation								Body Simulation								Body Simulation								Day Cycle %				
				Ant 5				Ant 18				Ant 5/18				Ant 5				Ant 18				Ant 5/18				Ant 5				Ant 18					Ant 5/18			
				Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit					
6.0/6.2 WLAN	802.11a 8Mbps	149	5745	18.42	19.50	18.35	19.50	21.40	22.50	19.00	19.00	19.00	19.00	19.00	18.42	19.50	18.35	19.50	21.40	22.50	18.42	19.50	18.35	19.50	21.40	22.50	18.42	19.50	18.35	19.50	21.40	22.50	96.97							
		157	5785	18.38	19.50	18.44	19.50	21.42	22.50					19.00	18.38	19.50	18.44	19.50	21.42	22.50	18.38	19.50	18.44	19.50	21.42	22.50	18.38	19.50	18.44	19.50	21.42	22.50								
		160	5825	18.10	19.50	18.37	19.50	21.25	22.50					19.00	18.10	19.50	18.37	19.50	21.25	22.50	18.10	19.50	18.37	19.50	21.25	22.50	18.10	19.50	18.37	19.50	21.25	22.50								
		169	5745	17.87	19.00	17.79	19.00	20.84	22.00					19.00	17.87	19.00	17.79	19.00	20.84	22.00	17.87	19.00	17.79	19.00	20.84	22.00	17.87	19.00	17.79	19.00	20.84	22.00								
	802.11b-HT20 MCS9	157	5785	17.82	19.00	17.77	19.00	20.81	22.00	19.00	19.00	19.00	19.00	19.00	17.82	19.00	17.77	19.00	20.81	22.00	17.82	19.00	17.77	19.00	20.81	22.00	17.82	19.00	17.77	19.00	20.81	22.00	96.76							
		165	5825	17.62	19.00	17.81	19.00	20.73	22.00					19.00	17.62	19.00	17.81	19.00	20.73	22.00	17.62	19.00	17.81	19.00	20.73	22.00	17.62	19.00	17.81	19.00	20.73	22.00								
		151	5755	17.57	18.50	17.62	18.50	20.61	21.50					19.00	17.57	18.50	17.62	18.50	20.61	21.50	17.57	18.50	17.62	18.50	20.61	21.50	17.57	18.50	17.62	18.50	20.61	21.50								
		169	5745	17.91	19.00	17.82	19.00	20.88	22.00					19.00	17.91	19.00	17.82	19.00	20.88	22.00	17.91	19.00	17.82	19.00	20.88	22.00	17.91	19.00	17.82	19.00	20.88	22.00								
	802.11ac-VHT20 MCS9	157	5785	17.85	19.00	17.82	19.00	20.85	22.00	19.00	19.00	19.00	19.00	19.00	17.85	19.00	17.82	19.00	20.85	22.00	17.85	19.00	17.82	19.00	20.85	22.00	17.85	19.00	17.82	19.00	20.85	22.00	96.79							
		165	5825	17.64	19.00	17.87	19.00	20.77	22.00					19.00	17.64	19.00	17.87	19.00	20.77	22.00	17.64	19.00	17.87	19.00	20.77	22.00	17.64	19.00	17.87	19.00	20.77	22.00								
		151	5755	17.62	18.50	17.68	18.50	20.65	21.50					19.00	17.62	18.50	17.68	18.50	20.65	21.50	17.62	18.50	17.68	18.50	20.65	21.50	17.62	18.50	17.68	18.50	20.65	21.50								
		169	5745	17.60	18.50	17.76	18.50	20.71	21.50					19.00	17.60	18.50	17.76	18.50	20.71	21.50	17.60	18.50	17.76	18.50	20.71	21.50	17.60	18.50	17.76	18.50	20.71	21.50								
802.11ac-VHT80 MCS9	155	5775	18.41	17.50	18.38	17.50	19.39	20.50	14.91	19.50	15.02	19.50	17.08	19.00	18.41	17.50	18.38	17.50	19.39	20.50	18.41	17.50	18.38	17.50	19.39	20.50	18.41	17.50	18.38	17.50	19.39	20.50	88.14							
	149	5745	18.50	19.50	18.39	19.50	21.46	22.50	19.00	19.00	19.00	19.00	19.00	18.50	19.50	18.39	19.50	21.46	22.50	18.50	19.50	18.39	19.50	21.46	22.50	18.50	19.50	18.39	19.50	21.46	22.50	95.88								
	157	5785	18.44	19.50	18.42	19.50	21.44	22.50					19.00	18.44	19.50	18.42	19.50	21.44	22.50	18.44	19.50	18.42	19.50	21.44	22.50	18.44	19.50	18.42	19.50	21.44	22.50									
	165	5825	18.25	19.50	18.48	19.50	21.37	22.50					19.00	18.25	19.50	18.48	19.50	21.37	22.50	18.25	19.50	18.48	19.50	21.37	22.50	18.25	19.50	18.48	19.50	21.37	22.50									
802.11ac-HE40 MCS9	151	5755	18.23	19.50	18.28	19.50	21.26	22.50	19.00	19.00	19.00	19.00	19.00	18.23	19.50	18.28	19.50	21.26	22.50	18.23	19.50	18.28	19.50	21.26	22.50	18.23	19.50	18.28	19.50	21.26	22.50	92.46								
	159	5785	18.22	19.50	18.38	19.50	21.30	22.50					19.00	18.22	19.50	18.38	19.50	21.30	22.50	18.22	19.50	18.38	19.50	21.30	22.50	18.22	19.50	18.38	19.50	21.30	22.50									
	155	5775	18.02	19.50	17.99	19.50	21.02	22.50					19.00	18.02	19.50	17.99	19.50	21.02	22.50	18.02	19.50	17.99	19.50	21.02	22.50	18.02	19.50	17.99	19.50	21.02	22.50									
	163	5805	18.02	19.50	18.02	19.50	21.02	22.50					19.00	18.02	19.50	18.02	19.50	21.02	22.50	18.02	19.50	18.02	19.50	21.02	22.50	18.02	19.50	18.02	19.50	21.02	22.50									

DBS Power for WLAN

2.4GHz FCC

		2.4GHz WLAN		Full Power		Head Stimulation		Head Stimulation		Hespot		Body Stimulation		Body Stimulation		Body Stimulation		Data Cycle
				Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		Ant 17		
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	
2.4GHz WLAN	802.11b Mbps	1	2412	17.12	18.00	17.12	18.00	14.98	15.00	17.12	18.00	17.12	18.00	17.12	18.00	17.12	18.00	100.00
		6	2437	17.61	18.00	17.61	18.00	14.50	15.00	17.61	18.00	17.61	18.00	17.61	18.00	17.61	18.00	
		11	2462	18.02	18.00	18.02	18.00	13.16	15.00	18.02	18.00	18.02	18.00	18.02	18.00	18.02	18.00	
		1	2412	15.28	17.00	15.28	17.00	13.16	15.00	15.28	17.00	15.28	17.00	15.28	17.00	15.28	17.00	
	802.11g Mbps	6	2437	16.75	18.00	16.75	18.00		15.00	16.75	18.00	16.75	18.00	16.75	18.00	16.75	18.00	96.97
		11	2462	16.08	17.50	16.08	17.50		15.00	16.08	17.50	16.08	17.50	16.08	17.50	16.08	17.50	
		1	2412	12.67	14.50	12.67	14.50		14.50	12.67	14.50	12.67	14.50	12.67	14.50	12.67	14.50	
		6	2437	16.84	18.00	16.84	18.00		15.00	16.84	18.00	16.84	18.00	16.84	18.00	16.84	18.00	
	802.11n-HT20 MCS0	11	2462	15.48	17.00	15.48	17.00		15.00	15.48	17.00	15.48	17.00	15.48	17.00	15.48	17.00	96.76
		1	2412	12.76	14.50	12.76	14.50		14.50	12.76	14.50	12.76	14.50	12.76	14.50	12.76	14.50	
		6	2437	16.94	18.00	16.94	18.00		15.00	16.94	18.00	16.94	18.00	16.94	18.00	16.94	18.00	
		11	2462	16.62	17.00	16.62	17.00		15.00	16.62	17.00	16.62	17.00	16.62	17.00	16.62	17.00	
	802.11axHE20 MCS0	1	2412	12.76	14.50	12.76	14.50		14.50	12.76	14.50	12.76	14.50	12.76	14.50	12.76	14.50	95.21
		6	2437	16.94	18.00	16.94	18.00		15.00	16.94	18.00	16.94	18.00	16.94	18.00	16.94	18.00	
		11	2462	16.62	17.00	16.62	17.00		15.00	16.62	17.00	16.62	17.00	16.62	17.00	16.62	17.00	
		1	2412	12.76	14.50	12.76	14.50		14.50	12.76	14.50	12.76	14.50	12.76	14.50	12.76	14.50	

5.8GHz FCC

5.8GHz WLAN		Full Power		Head Stimulation		Head Stimulation		Hespot		Body Stimulation		Body Stimulation		Body Stimulation		Duty Cycle
		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		Ant 18		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	
5.8GHz WLAN	802.11a Mbps	36	5180	13.94	15.00	13.94	15.00		13.00	13.94	15.00	13.94	15.00	13.94	15.00	96.07
		40	5205	13.79	15.00	13.79	15.00		13.00	13.79	15.00	13.79	15.00	13.79	15.00	
		44	5230	13.79	15.00	13.79	15.00		13.00	13.79	15.00	13.79	15.00	13.79	15.00	
		48	5255	13.80	15.00	13.80	15.00		13.00	13.80	15.00	13.80	15.00	13.80	15.00	
		52	5280	13.74	15.00	13.74	15.00		13.00	13.74	15.00	13.74	15.00	13.74	15.00	
		56	5305	13.79	15.00	13.79	15.00		13.00	13.79	15.00	13.79	15.00	13.79	15.00	
		60	5330	13.81	15.00	13.81	15.00		13.00	13.81	15.00	13.81	15.00	13.81	15.00	
		64	5355	13.80	15.00	13.80	15.00		13.00	13.80	15.00	13.80	15.00	13.80	15.00	
	802.11n-HT20 MCS0	36	5180	13.26	15.00	13.26	15.00		13.00	13.26	15.00	13.26	15.00	13.26	15.00	93.68
		40	5205	13.52	15.00	13.52	15.00		13.00	13.52	15.00	13.52	15.00	13.52	15.00	
		44	5230	13.79	15.00	13.79	15.00		13.00	13.79	15.00	13.79	15.00	13.79	15.00	
		48	5255	13.81	15.00	13.81	15.00		13.00	13.81	15.00	13.81	15.00	13.81	15.00	
		52	5280	13.80	15.00	13.80	15.00		13.00	13.80	15.00	13.80	15.00	13.80	15.00	
		56	5305	13.26	15.00	13.26	15.00		13.00	13.26	15.00	13.26	15.00	13.26	15.00	
		60	5330	13.52	15.00	13.52	15.00		13.00	13.52	15.00	13.52	15.00	13.52	15.00	
		64	5355	13.80	15.00	13.80	15.00		13.00	13.80	15.00	13.80	15.00	13.80	15.00	
802.11ac-VHT40 MCS0	36	5180	13.83	15.00	13.83	15.00		13.00	13.83	15.00	13.83	15.00	13.83	15.00	96.79	
	40	5205	13.88	15.00	13.88	15.00		13.00	13.88	15.00	13.88	15.00	13.88	15.00		
	44	5230	13.95	15.00	13.95	15.00		13.00	13.95	15.00	13.95	15.00	13.95	15.00		
	48	5255	13.92	15.00	13.92	15.00		13.00	13.92	15.00	13.92	15.00	13.92	15.00		
	52	5280	13.95	15.00	13.95	15.00		13.00	13.95	15.00	13.95	15.00	13.95	15.00		
	56	5305	13.95	15.00	13.95	15.00		13.00	13.95	15.00	13.95	15.00	13.95	15.00		
	60	5330	13.92	15.00	13.92	15.00		13.00	13.92	15.00	13.92	15.00	13.92	15.00		
	64	5355	13.95	15.00	13.95	15.00		13.00	13.95	15.00	13.95	15.00	13.95	15.00		
802.11ax-HE20 MCS0	36	5180	13.89	15.00	13.89	15.00		13.00	13.89	15.00	13.89	15.00	13.89	15.00	95.88	
	40	5205	13.95	15.00	13.95	15.00		13.00	13.95	15.00	13.95	15.00	13.95	15.00		
	44	5230	13.97	15.00	13.97	15.00		13.00	13.97	15.00	13.97	15.00	13.97	15.00		
	48	5255	14.02	15.00	14.02	15.00		13.00	14.02	15.00	14.02	15.00	14.02	15.00		
	52	5280	13.97	15.00	13.97	15.00		13.00	13.97	15.00	13.97	15.00	13.97	15.00		
	56	5305	13.41	15.00	13.41	15.00		13.00	13.41	15.00	13.41	15.00	13.41	15.00		
	60	5330	13.65	15.00	13.65	15.00		13.00	13.65	15.00	13.65	15.00	13.65	15.00		
	64	5355	13.67	15.00	13.67	15.00		13.00	13.67	15.00	13.67	15.00	13.67	15.00		
802.11ax-HE80 MCS0	36	5180	13.86	15.00	13.86	15.00		13.00	13.86	15.00	13.86	15.00	13.86	15.00	86.14	
	40	5205	13.89	15.00	13.89	15.00		13.00	13.89	15.00	13.89	15.00	13.89	15.00		
	44	5230	13.97	15.00	13.97	15.00		13.00	13.97	15.00	13.97	15.00	13.97	15.00		
	48	5255	14.05	15.00	14.05	15.00		13.00	14.05	15.00	14.05	15.00	14.05	15.00		
	52	5280	13.97	15.00	13.97	15.00		13.00	13.97	15.00	13.97	15.00	13.97	15.00		
	56	5305	13.41	15.00	13.41	15.00		13.00	13.41	15.00	13.41	15.00	13.41	15.00		
	60	5330	13.65	15.00	13.65	15.00		13.00	13.65	15.00	13.65	15.00	13.65	15.00		
	64	5355	13.67	15.00	13.67	15.00		13.00	13.67	15.00	13.67	15.00	13.67	15.00		

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Conducted Power for Bluetooth

<BT BR/EDR			Tx/Lx Power			Rx/Tx Simultaneous		
			Art 17			Art 17		
Mode	Channel	Frequency (MHz)	Average power (dBm)			Average power (dBm)		
			DH5	2DH5	3DH5	DH5	2DH5	3DH5
BR / EDR	Ch150	2402	16.33	13.09	13.19	15.91		
	Ch 16	2441	16.29	13.16	13.11	15.82		
	Ch 18	2480	16.26	13.10	13.08	15.75		
	Takeup Limit		17.5	14.5	14.5	17.5		
						Not Required		

BLE 1M/2M			Art 17	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	Ch150	2402	7.10	7.20
	Ch 16	2440	7.52	7.60
	Ch 18	2480	6.90	6.96
Takeup Limit			8.5	8.5