Full&Default Power Mode

GSM850 Ant 0 Full power

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.27	32.37	32.22	33.50	23.27	23.37	23.22	24.50
GPRS 1 Tx slot	32.25	32.40	32.30	33.50	23.25	23.40	23.30	24.50
GPRS 2 Tx slots	30.27	30.38	30.38	31.50	24.27	24.38	24.38	25.50
GPRS 3 Tx slots	28.51	28.64	28.53	29.50	24.25	24.38	24.27	25.24
GPRS 4 Tx slots	26.92	27.00	27.00	28.00	23.92	24.00	24.00	25.00
EDGE 1 Tx slot	25.25	25.44	25.36	26.50	16.25	16.44	16.36	17.50
EDGE 2 Tx slots	24.89	25.07	25.02	26.00	18.89	19.07	19.02	20.00
EDGE 3 Tx slots	24.31	24.44	24.32	25.50	20.05	20.18	20.06	21.24
EDGE 4 Tx slots	23.71	23.79	23.63	25.00	20.71	20.79	20.63	22.00

GSM1900 Ant 0 Full power

GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.73	28.86	28.74	30.50	19.73	19.86	19.74	21.50
GPRS 1 Tx slot	28.83	28.89	28.87	30.50	19.83	19.89	19.87	21.50
GPRS 2 Tx slots	26.63	26.68	26.53	28.00	20.63	20.68	20.53	22.00
GPRS 3 Tx slots	25.01	25.15	25.14	26.00	20.75	20.89	20.88	21.74
GPRS 4 Tx slots	24.13	24.25	24.18	25.50	21.13	21.25	21.18	22.50
EDGE 1 Tx slot	24.85	24.99	24.88	26.00	15.85	15.99	15.88	17.00
EDGE 2 Tx slots	24.53	24.61	24.56	25.50	18.53	18.61	18.56	19.50
EDGE 3 Tx slots	24.10	24.13	23.95	25.00	19.84	19.87	19.69	20.74
EDGE 4 Tx slots	23.46	23.57	23.44	24.50	20.46	20.57	20.44	21.50

WCDMA II Ant 0 Full power / WCDMA IV Ant 0 Full power / WCDMA V Ant 0 Full power

Band		WCDMA II			Tune-up Limit	WCDMA IV			Tune-up Limit	WCDMA V			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.11	23.10	24.00	23.16	23.18	23.14	24.00	23.08	23.11	23.09	24.00
3GPP Rel 99	RMC 12.2Kbps	23.12	23.17	23.14	24.00	23.19	23.25	23.22	24.00	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	22.06	22.20	22.07	23.00	22.24	22.27	22.14	23.00	22.20	22.24	22.07	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.11	22.12	23.00	22.21	22.26	22.15	23.00	22.11	22.20	22.14	23.00
3GPP Rel 6	HSDPA Subtest-3	21.62	21.69	21.56	22.50	21.66	21.67	21.70	22.50	21.63	21.63	21.73	22.50
3GPP Rel 6	HSDPA Subtest-4	21.58	21.75	21.70	22.50	21.66	21.68	21.73	22.50	21.57	21.62	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.20	22.12	23.00	22.25	22.31	22.15	23.00	22.15	22.12	22.17	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.08	20.06	21.00	20.24	20.29	20.28	21.00	20.15	20.08	20.22	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.16	21.17	22.00	21.19	21.34	21.24	22.00	21.10	21.14	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	20.10	20.21	20.18	21.00	20.20	20.31	20.24	21.00	20.11	20.16	20.06	21.00
3GPP Rel 6	HSUPA Subtest-5	22.04	22.26	22.21	23.00	22.14	22.21	22.25	23.00	22.21	22.20	22.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.56	19.59	19.60	20.50	19.73	19.69	19.80	20.50	19.62	19.60	19.62	20.50

Band 2 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	22.79	22.73		
20	QPSK	1	49	22.67	22.71	22.64	24	0
20	QPSK	1	99	22.60	22.69	22.66		
20	QPSK	50	0	21.84	21.85	21.80		
20	QPSK	50	24	21.79	21.85	21.65	23	1
20	QPSK	50	50	21.81	21.73	21.77		
20	QPSK	100	0	21.76	21.77	21.75		
20	16QAM	1	0	21.71	21.74	21.72		
20	16QAM	1	49	21.76	21.76	21.67	23	1
20	16QAM	1	99	21.75	21.71	21.68		
20	16QAM	50	0	20.83	20.89	20.76		
20	16QAM	50	24	20.83	20.78	20.74	22	2
20	16QAM	50	50	20.89	20.69	20.81		
20	16QAM	100	0	20.93	20.69	20.67		
20	64QAM	1	0	20.74	20.82	20.72		
20	64QAM	1	49	20.71	20.79	20.76	22	2
20	64QAM	1	99	20.84	20.71	20.74		
20	64QAM	50	0	19.87	19.87	19.72		
20	64QAM	50	24	19.91	19.84	19.79	21	3
20	64QAM	50	50	19.81	19.78	19.85		
20	64QAM	100	0	19.91	19.62	19.82		
20	256QAM	1	0	17.81	17.91	17.79		
20	256QAM	1	49	17.90	17.76	17.68	19	5
20	256QAM	1	99	17.86	17.71	17.85		
20	256QAM	50	0	17.98	17.60	17.73		
20	256QAM	50	24	17.82	17.89	17.66	19	5
20	256QAM	50	50	17.66	17.72	17.75		
20	256QAM	100	0	17.83	17.62	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.71	22.68		
15	QPSK	1	37	22.61	22.67	22.61	24	0
15	QPSK	1	74	22.48	22.57	22.48		
15	QPSK	36	0	21.67	21.79	21.77		
15	QPSK	36	20	21.71	21.67	21.52	23	1
15	QPSK	36	39	21.64	21.68	21.60		
15	QPSK	75	0	21.70	21.69	21.71		
15	16QAM	1	0	21.74	21.59	21.61		
15	16QAM	1	37	21.62	21.65	21.51	23	1
15	16QAM	1	74	21.68	21.52	21.51		
15	16QAM	36	0	20.71	20.73	20.69		
15	16QAM	36	20	20.72	20.73	20.69	22	2
15	16QAM	36	39	20.84	20.50	20.71		
15	16QAM	75	0	20.77	20.53	20.62		
15	64QAM	1	0	20.67	20.63	20.55		
15	64QAM	1	37	20.55	20.69	20.62	22	2
15	64QAM	1	74	20.66	20.58	20.72		
15	64QAM	36	0	19.75	19.81	19.70		
15	64QAM	36	20	19.74	19.83	19.66	21	3
15	64QAM	36	39	19.78	19.71	19.66		
15	64QAM	75	0	19.86	19.58	19.46		
15	256QAM	1	0	17.78	17.83	17.70		
15	256QAM	1	37	17.87	17.72	17.64	19	5
15	256QAM	1	74	17.82	17.63	17.78		
15	256QAM	36	0	17.81	17.53	17.62		
15	256QAM	36	20	17.67	17.72	17.60	19	5
15	256QAM	36	39	17.58	17.58	17.60		
15	256QAM	75	0	17.70	17.54	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.62	22.61		
10	QPSK	1	25	22.51	22.52	22.62	24	0
10	QPSK	1	49	22.55	22.61	22.64		
10	QPSK	25	0	21.79	21.75	21.70		
10	QPSK	25	12	21.70	21.63	21.55	23	1
10	QPSK	25	25	21.62	21.62	21.58		
10	QPSK	50	0	21.77	21.60	21.68		
10	16QAM	1	0	21.71	21.64	21.69		
10	16QAM	1	25	21.70	21.70	21.57	23	1
10	16QAM	1	49	21.76	21.56	21.60		
10	16QAM	25	0	20.69	20.78	20.69		
10	16QAM	25	12	20.80	20.61	20.71	22	2
10	16QAM	25	25	20.71	20.52	20.77		
10	16QAM	50	0	20.89	20.58	20.49		
10	64QAM	1	0	20.57	20.80	20.70		
10	64QAM	1	25	20.61	20.64	20.60	22	2
10	64QAM	1	49	20.68	20.53	20.68		
10	64QAM	25	0	19.86	19.73	19.64		
10	64QAM	25	12	19.88	19.74	19.72	21	3
10	64QAM	25	25	19.72	19.67	19.76		
10	64QAM	50	0	19.81	19.46	19.44		
10	256QAM	1	0	17.78	17.84	17.77		
10	256QAM	1	25	17.82	17.59	17.49	19	5
10	256QAM	1	49	17.74	17.65	17.70		
10	256QAM	25	0	17.86	17.42	17.70		
10	256QAM	25	12	17.77	17.72	17.61	19	5
10	256QAM	25	25	17.48	17.62	17.70		
10	256QAM	50	0	17.70	17.59	17.80		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.75	22.61	22.69		
5	QPSK	1	12	22.49	22.64	22.57	24	0
5	QPSK	1	24	22.41	22.63	22.60		
5	QPSK	12	0	21.69	21.80	21.67		
5	QPSK	12	7	21.71	21.72	21.59	23	1
5	QPSK	12	13	21.74	21.64	21.63		
5	QPSK	25	0	21.73	21.70	21.60		
5	16QAM	1	0	21.79	21.76	21.62		
5	16QAM	1	12	21.62	21.62	21.57	23	1
5	16QAM	1	24	21.67	21.54	21.51		
5	16QAM	12	0	20.71	20.76	20.57		
5	16QAM	12	7	20.81	20.76	20.67	22	2
5	16QAM	12	13	20.83	20.66	20.68		
5	16QAM	25	0	20.91	20.50	20.50		
5	64QAM	1	0	20.62	20.75	20.69		
5	64QAM	1	12	20.65	20.78	20.70	22	2
5	64QAM	1	24	20.68	20.63	20.60		
5	64QAM	12	0	19.82	19.80	19.57		
5	64QAM	12	7	19.84	19.70	19.71	21	3
5	64QAM	12	13	19.69	19.76	19.76		
5	64QAM	25	0	19.83	19.51	19.57		
5	256QAM	1	0	17.64	17.83	17.61		
5	256QAM	1	12	17.82	17.64	17.50	19	5
5	256QAM	1	24	17.74	17.70	17.74		
5	256QAM	12	0	17.84	17.62	17.66		
5	256QAM	12	7	17.80	17.73	17.54	19	5
5	256QAM	12	13	17.59	17.63	17.64		
5	256QAM	25	0	17.81	17.45	17.81		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.67	22.70		
3	QPSK	1	8	22.65	22.56	22.58	24	0
3	QPSK	1	14	22.41	22.57	22.55		
3	QPSK	8	0	21.81	21.81	21.68		
3	QPSK	8	4	21.75	21.82	21.50	23	1
3	QPSK	8	7	21.75	21.60	21.68		
3	QPSK	15	0	21.70	21.74	21.62		
3	16QAM	1	0	21.67	21.75	21.65		
3	16QAM	1	8	21.61	21.71	21.49	23	1
3	16QAM	1	14	21.83	21.59	21.51		
3	16QAM	8	0	20.75	20.74	20.65		
3	16QAM	8	4	20.72	20.63	20.64	22	2
3	16QAM	8	7	20.86	20.55	20.70		
3	16QAM	15	0	20.92	20.53	20.59		
3	64QAM	1	0	20.66	20.69	20.63		
3	64QAM	1	8	20.62	20.62	20.74	22	2
3	64QAM	1	14	20.66	20.67	20.57		
3	64QAM	8	0	19.85	19.74	19.68		
3	64QAM	8	4	19.80	19.82	19.70	21	3
3	64QAM	8	7	19.66	19.63	19.73		
3	64QAM	15	0	19.80	19.48	19.53		
3	256QAM	1	0	17.71	17.85	17.72		
3	256QAM	1	8	17.79	17.67	17.59	19	5
3	256QAM	1	14	17.83	17.67	17.67		
3	256QAM	8	0	17.96	17.48	17.55		
3	256QAM	8	4	17.68	17.79	17.64	19	5
3	256QAM	8	7	17.52	17.71	17.62		
3	256QAM	15	0	17.76	17.54	17.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.61	22.70		
1.4	QPSK	1	3	22.56	22.57	22.47		
1.4	QPSK	1	5	22.50	22.52	22.60	24	0
1.4	QPSK	3	0	22.62	22.44	22.66		
1.4	QPSK	3	1	22.50	22.41	22.37		
1.4	QPSK	3	3	22.41	22.35	22.50		
1.4	QPSK	6	0	21.81	21.66	21.66	23	1
1.4	16QAM	1	0	21.67	21.64	21.57		
1.4	16QAM	1	3	21.58	21.65	21.64		
1.4	16QAM	1	5	21.78	21.62	21.50	23	1
1.4	16QAM	3	0	21.59	21.46	21.48		
1.4	16QAM	3	1	21.48	21.53	21.61		
1.4	16QAM	3	3	21.67	21.57	21.32		
1.4	16QAM	6	0	20.77	20.59	20.54	22	2
1.4	64QAM	1	0	20.73	20.81	20.57		
1.4	64QAM	1	3	20.55	20.76	20.65		
1.4	64QAM	1	5	20.78	20.60	20.67	22	2
1.4	64QAM	3	0	20.69	20.77	20.48		
1.4	64QAM	3	1	20.38	20.68	20.52		
1.4	64QAM	3	3	20.63	20.42	20.63		
1.4	64QAM	6	0	19.73	19.50	19.45	21	3
1.4	256QAM	1	0	17.68	17.90	17.72		
1.4	256QAM	1	3	17.72	17.65	17.61		
1.4	256QAM	1	5	17.70	17.67	17.69	19	5
1.4	256QAM	3	0	17.90	17.42	17.56		
1.4	256QAM	3	1	17.70	17.85	17.64		
1.4	256QAM	3	3	17.58	17.55	17.70		
1.4	256QAM	6	0	17.74	17.45	17.66	19	5

Band 4 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.84	22.81		
20	QPSK	1	49	22.77	22.80	22.76	24	0
20	QPSK	1	99	22.72	22.67	22.84		
20	QPSK	50	0	21.76	21.90	21.87		
20	QPSK	50	24	21.82	21.88	21.75	23	1
20	QPSK	50	50	21.73	21.68	21.64		
20	QPSK	100	0	21.67	21.76	21.71		
20	16QAM	1	0	21.70	21.67	21.64		
20	16QAM	1	49	21.54	21.51	21.45	23	1
20	16QAM	1	99	21.57	21.69	21.53		
20	16QAM	50	0	20.74	20.89	20.86		
20	16QAM	50	24	20.80	20.85	20.71	22	2
20	16QAM	50	50	20.73	20.66	20.65		
20	16QAM	100	0	20.69	20.86	20.76		
20	64QAM	1	0	20.61	20.67	20.71		
20	64QAM	1	49	20.62	20.46	20.39	22	2
20	64QAM	1	99	20.58	20.67	20.58		
20	64QAM	50	0	19.68	19.94	19.91		
20	64QAM	50	24	19.81	19.88	19.78	21	3
20	64QAM	50	50	19.79	19.68	19.71		
20	64QAM	100	0	19.70	19.78	19.76		
20	256QAM	1	0	17.75	17.85	17.89		
20	256QAM	1	49	17.85	17.91	17.73	19	5
20	256QAM	1	99	17.78	17.76	17.57		
20	256QAM	50	0	17.70	17.76	17.66		
20	256QAM	50	24	17.73	17.62	17.64	19	5
20	256QAM	50	50	17.55	17.51	17.54		
20	256QAM	100	0	17.49	17.66	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.73	22.65	22.71		
15	QPSK	1	37	22.56	22.60	22.61	24	0
15	QPSK	1	74	22.60	22.64	22.52		
15	QPSK	36	0	21.55	21.82	21.82		
15	QPSK	36	20	21.63	21.78	21.72	23	1
15	QPSK	36	39	21.64	21.85	21.60		
15	QPSK	75	0	21.61	21.73	21.58		
15	16QAM	1	0	21.64	21.64	21.50		
15	16QAM	1	37	21.50	21.38	21.31	23	1
15	16QAM	1	74	21.36	21.51	21.32		
15	16QAM	36	0	20.54	20.81	20.79		
15	16QAM	36	20	20.72	20.68	20.56	22	2
15	16QAM	36	39	20.62	20.53	20.45		
15	16QAM	75	0	20.65	20.73	20.62		
15	64QAM	1	0	20.47	20.59	20.57		
15	64QAM	1	37	20.44	20.41	20.30	22	2
15	64QAM	1	74	20.42	20.54	20.38		
15	64QAM	36	0	19.65	19.83	19.83		
15	64QAM	36	20	19.67	19.85	19.57	21	3
15	64QAM	36	39	19.65	19.55	19.67		
15	64QAM	75	0	19.49	19.74	19.57		
15	256QAM	1	0	17.67	17.79	17.72		
15	256QAM	1	37	17.80	17.75	17.59	19	5
15	256QAM	1	74	17.66	17.57	17.42		
15	256QAM	36	0	17.61	17.64	17.47		
15	256QAM	36	20	17.63	17.47	17.52	19	5
15	256QAM	36	39	17.48	17.39	17.51		
15	256QAM	75	0	17.41	17.45	17.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.64		
10	QPSK	1	25	22.61	22.73	22.59	24	0
10	QPSK	1	49	22.60	22.55	22.45		
10	QPSK	25	0	21.70	21.82	21.78		
10	QPSK	25	12	21.76	21.73	21.63	23	1
10	QPSK	25	25	21.61	21.69	21.46		
10	QPSK	50	0	21.69	21.58	21.57		
10	16QAM	1	0	21.66	21.48	21.57		
10	16QAM	1	25	21.39	21.47	21.26	23	1
10	16QAM	1	49	21.41	21.62	21.45		
10	16QAM	25	0	20.66	20.80	20.79		
10	16QAM	25	12	20.62	20.70	20.55	22	2
10	16QAM	25	25	20.61	20.61	20.46		
10	16QAM	50	0	20.61	20.74	20.64		
10	64QAM	1	0	20.49	20.56	20.60		
10	64QAM	1	25	20.48	20.27	20.31	22	2
10	64QAM	1	49	20.52	20.62	20.39		
10	64QAM	25	0	19.59	19.85	19.87		
10	64QAM	25	12	19.71	19.72	19.58	21	3
10	64QAM	25	25	19.69	19.56	19.61		
10	64QAM	50	0	19.60	19.58	19.73		
10	256QAM	1	0	17.69	17.76	17.70		
10	256QAM	1	25	17.69	17.85	17.61	19	5
10	256QAM	1	49	17.71	17.68	17.50		
10	256QAM	25	0	17.60	17.56	17.54		
10	256QAM	25	12	17.61	17.46	17.56	19	5
10	256QAM	25	25	17.44	17.37	17.37		
10	256QAM	50	0	17.39	17.51	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.75	22.73		
5	QPSK	1	12	22.56	22.64	22.67	24	0
5	QPSK	1	24	22.59	22.60	22.44		
5	QPSK	12	0	21.57	21.85	21.70		
5	QPSK	12	7	21.62	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.62	21.50		
5	QPSK	25	0	21.60	21.72	21.57		
5	16QAM	1	0	20.57	20.82	20.68		
5	16QAM	1	12	21.33	21.43	21.41	23	1
5	16QAM	1	24	21.43	21.51	21.41		
5	16QAM	12	0	20.57	20.82	20.68		
5	16QAM	12	7	20.70	20.66	20.54	22	2
5	16QAM	12	13	20.63	20.52	20.58		
5	16QAM	25	0	20.62	20.79	20.68		
5	64QAM	1	0	20.51	20.48	20.63		
5	64QAM	1	12	20.54	20.36	20.34	22	2
5	64QAM	1	24	20.49	20.54	20.41		
5	64QAM	12	0	19.53	19.85	19.73		
5	64QAM	12	7	19.67	19.73	19.62	21	3
5	64QAM	12	13	19.70	19.50	19.68		
5	64QAM	25	0	19.49	19.66	19.56		
5	256QAM	1	0	17.66	17.73	17.73		
5	256QAM	1	12	17.79	17.85	17.63	19	5
5	256QAM	1	24	17.60	17.59	17.49		
5	256QAM	12	0	17.63	17.67	17.52		
5	256QAM	12	7	17.53	17.53	17.60	19	5
5	256QAM	12	13	17.42	17.41	17.41		
5	256QAM	25	0	17.40	17.52	17.52		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.76	22.70		
3	QPSK	1	8	22.67	22.67	22.70	24	0
3	QPSK	1	14	22.57	22.56	22.51		
3	QPSK	8	0	21.62	21.69	21.70		
3	QPSK	8	4	21.76	21.71	21.64	23	1
3	QPSK	8	7	21.55	21.54	21.45		
3	QPSK	15	0	21.56	21.70	21.55		
3	16QAM	1	0	21.62	21.49	21.52		
3	16QAM	1	8	21.47	21.45	21.37	23	1
3	16QAM	1	14	21.41	21.48	21.36		
3	16QAM	8	0	20.56	20.78	20.70		
3	16QAM	8	4	20.59	20.79	20.53	22	2
3	16QAM	8	7	20.67	20.54	20.44		
3	16QAM	15	0	20.63	20.74	20.63		
3	64QAM	1	0	20.46	20.50	20.66		
3	64QAM	1	8	20.50	20.41	20.34	22	2
3	64QAM	1	14	20.44	20.47	20.48		
3	64QAM	8	0	19.54	19.83	19.80		
3	64QAM	8	4	19.71	19.81	19.73	21	3
3	64QAM	8	7	19.64	19.62	19.54		
3	64QAM	15	0	19.49	19.69	19.69		
3	256QAM	1	0	17.59	17.79	17.83		
3	256QAM	1	8	17.71	17.67	17.69	19	5
3	256QAM	1	14	17.65	17.57	17.66		
3	256QAM	8	0	17.56	17.54	17.59		
3	256QAM	8	4	17.60	17.46	17.60	19	5
3	256QAM	8	7	17.37	17.39	17.40		
3	256QAM	15	0	17.43	17.51	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.80	22.73		
1.4	QPSK	1	3	22.58	22.71	22.58		
1.4	QPSK	1	5	22.63	22.55	22.57	24	0
1.4	QPSK	3	0	22.46	22.59	22.56		
1.4	QPSK	3	1	22.46	22.57	22.48		
1.4	QPSK	3	3	22.48	22.37	22.51		
1.4	QPSK	6	0	21.64	21.58	21.64	23	1
1.4	16QAM	1	0	21.55	21.56	21.47		
1.4	16QAM	1	3	21.35	21.36	21.38		
1.4	16QAM	1	5	21.45	21.58	21.45	23	1
1.4	16QAM	3	0	21.49	21.49	21.39		
1.4	16QAM	3	1	21.19	21.30	21.31		
1.4	16QAM	3	3	21.39	21.43	21.27		
1.4	16QAM	6	0	20.57	20.70	20.61	22	2
1.4	64QAM	1	0	20.55	20.56	20.61		
1.4	64QAM	1	3	20.53	20.28	20.36		
1.4	64QAM	1	5	20.49	20.49	20.52	22	2
1.4	64QAM	3	0	20.36	20.47	20.54		
1.4	64QAM	3	1	20.48	20.14	20.28		
1.4	64QAM	3	3	20.31	20.41	20.31		
1.4	64QAM	6	0	19.60	19.74	19.57	21	3
1.4	256QAM	1	0	17.70	17.79	17.81		
1.4	256QAM	1	3	17.68	17.88	17.65		
1.4	256QAM	1	5	17.75	17.64	17.40	19	5
1.4	256QAM	3	0	17.55	17.71	17.59		
1.4	256QAM	3	1	17.59	17.51	17.51		
1.4	256QAM	3	3	17.47	17.32	17.41		
1.4	256QAM	6	0	17.31	17.50	17.42	19	5

Band 5 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.11	23.17	23.15		
10	QPSK	1	25	23.04	23.08	23.06	24	0
10	QPSK	1	49	22.97	23.06	23.02		
10	QPSK	25	0	22.10	22.18	22.10		
10	QPSK	25	12	22.07	22.15	22.08	23	1
10	QPSK	25	25	22.05	22.11	22.06		
10	QPSK	50	0	22.10	22.15	22.11		
10	16QAM	1	0	21.91	22.06	22.01		
10	16QAM	1	25	21.92	22.01	21.90	23	1
10	16QAM	1	49	21.93	22.01	21.99		
10	16QAM	25	0	21.19	21.20	21.15		
10	16QAM	25	12	21.08	21.11	21.01	22	2
10	16QAM	25	25	21.00	21.09	21.02		
10	16QAM	50	0	21.11	21.15	21.04		
10

Band 13 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.87		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.78			
10	QPSK	25	0		21.90		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.69			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.81			
10	16QAM	1	49		21.52			
10	16QAM	25	0		20.83		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.53			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.95			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.95		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.74	22.72	24	0
5	QPSK	1	12	22.69	22.74	22.72		
5	QPSK	1	24	22.59	22.63	22.67		
5	QPSK	12	0	21.72	21.75	21.84	23	1
5	QPSK	12	7	21.76	21.84	21.73		
5	QPSK	12	13	21.65	21.51	21.54		
5	QPSK	25	0	21.69	21.78	21.70		
5	16QAM	1	0	21.70	21.66	21.68	23	1
5	16QAM	1	12	21.63	21.69	21.69		
5	16QAM	1	24	21.32	21.47	21.35		
5	16QAM	12	0	20.64	20.72	20.71	22	2
5	16QAM	12	7	20.68	20.66	20.78		
5	16QAM	12	13	20.57	20.60	20.70		
5	16QAM	25	0	20.82	20.81	20.79		
5	64QAM	1	0	20.70	20.72	20.87	22	2
5	64QAM	1	12	20.70	20.71	20.78		
5	64QAM	1	24	20.48	20.46	20.50		
5	64QAM	12	0	19.70	19.79	19.70	21	3
5	64QAM	12	7	19.85	19.92	19.78		
5	64QAM	12	13	19.56	19.58	19.49		
5	64QAM	25	0	19.71	19.64	19.68		
5	256QAM	1	0	17.67	17.64	17.65	19	5
5	256QAM	1	12	17.74	17.91	17.77		
5	256QAM	1	24	17.52	17.59	17.50		
5	256QAM	12	0	17.91	17.76	17.81	19	5
5	256QAM	12	7	17.73	17.71	17.70		
5	256QAM	12	13	17.84	17.68	17.84		
5	256QAM	25	0	17.38	17.40	17.25		

Band 17 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)					709	710	711	
10	QPSK	1	0	22.73	22.78	22.70	24	0
10	QPSK	1	25	22.65	22.67	22.66		
10	QPSK	1	49	22.67	22.61	22.69		
10	QPSK	25	0	21.76	21.87	21.73	23	1
10	QPSK	25	12	21.74	21.71	21.72		
10	QPSK	25	25	21.71	21.67	21.64		
10	QPSK	50	0	21.70	21.75	21.61		
10	16QAM	1	0	21.59	21.70	21.54	23	1
10	16QAM	1	25	21.64	21.49	21.53		
10	16QAM	1	49	21.58	21.54	21.51		
10	16QAM	25	0	20.79	20.96	20.64	22	2
10	16QAM	25	12	20.69	20.75	20.72		
10	16QAM	25	25	20.78	20.59	20.70		
10	16QAM	50	0	20.62	20.83	20.69		
10	64QAM	1	0	20.56	20.70	20.61	22	2
10	64QAM	1	25	20.63	20.43	20.58		
10	64QAM	1	49	20.64	20.50	20.55		
10	64QAM	25	0	19.78	19.83	19.78	21	3
10	64QAM	25	12	19.73	19.70	19.74		
10	64QAM	25	25	19.65	19.59	19.61		
10	64QAM	50	0	19.73	19.66	19.60		
10	256QAM	1	0	17.71	17.88	17.76	19	5
10	256QAM	1	25	17.77	17.72	17.70		
10	256QAM	1	49	17.65	17.68	17.58		
10	256QAM	25	0	17.73	17.75	17.53	19	5
10	256QAM	25	12	17.51	17.74	17.48		
10	256QAM	25	25	17.58	17.55	17.57		
10	256QAM	50	0	17.61	17.63	17.59		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.60	22.57	22.58	24	0
5	QPSK	1	12	22.51	22.62	22.58		
5	QPSK	1	24	22.59	22.57	22.62		
5	QPSK	12	0	21.63	21.82	21.56	23	1
5	QPSK	12	7	21.68	21.65	21.63		
5	QPSK	12	13	21.62	21.56	21.47		
5	QPSK	25	0	21.55	21.63	21.50		
5	16QAM	1	0	21.41	21.52	21.48	23	1
5	16QAM	1	12	21.48	21.39	21.49		
5	16QAM	1	24	21.54	21.36	21.35		
5	16QAM	12	0	20.68	20.82	20.46	22	2
5	16QAM	12	7	20.60	20.62	20.60		
5	16QAM	12	13	20.63	20.41	20.53		
5	16QAM	25	0	20.43	20.62	20.48		
5	64QAM	1	0	20.40	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.32	20.38		
5	64QAM	1	24	20.59	20.40	20.36		
5	64QAM	12	0	19.59	19.77	19.67	21	3
5	64QAM	12	7	19.64	19.57	19.69		
5	64QAM	12	13	19.49	19.48	19.49		
5	64QAM	25	0	19.64	19.46	19.43		
5	256QAM	1	0	17.53	17.69	17.67	19	5
5	256QAM	1	12	17.71	17.54	17.55		
5	256QAM	1	24	17.44	17.61	17.38		
5	256QAM	12	0	17.64	17.61	17.34	19	5
5	256QAM	12	7	17.41	17.67	17.37		
5	256QAM	12	13	17.44	17.51	17.41		
5	256QAM	25	0	17.54	17.54	17.41		

Band 25 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.80	22.85	22.78	24	0
20	QPSK	1	49	22.68	22.75	22.68		
20	QPSK	1	99	22.73	22.76	22.61		
20	QPSK	50	0	21.76	21.91	21.71	23	1
20	QPSK	50	24	21.66	21.66	21.64		
20	QPSK	50	50	21.72	21.86	21.64		
20	QPSK	100	0	21.70	21.76	21.59		
20	16QAM	1	0	21.57	21.71	21.62	23	1
20	16QAM	1	49	21.44	21.50	21.53		
20	16QAM	1	99	21.59	21.67	21.46		
20	16QAM	50	0	20.73	20.96	20.61	22	2
20	16QAM	50	24	20.62	20.73	20.56		
20	16QAM	50	50	20.78	20.88	20.68		
20	16QAM	100	0	20.67	20.68	20.51		
20	64QAM	1	0	20.63	20.69	20.61	22	2
20	64QAM	1	49	20.38	20.57	20.50		
20	64QAM	1	99	20.60	20.65	20.39		
20	64QAM	50	0	19.75	19.98	19.70	21	3
20	64QAM	50	24	19.71	19.74	19.61		
20	64QAM	50	50	19.80	19.84	19.63		
20	64QAM	100	0	19.72	19.70	19.65		
20	256QAM	1	0	17.78	18.00	17.70	19	5
20	256QAM	1	49	17.71	17.61	17.64		
20	256QAM	1	99	17.65	17.80	17.55		
20	256QAM	50	0	17.71	17.74	17.64	19	5
20	256QAM	50	24	17.53	17.62	17.53		
20	256QAM	50	50	17.46	17.56	17.40		
20	256QAM	100	0	17.55	17.75	17.40		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.67	22.71	22.60	24	0
15	QPSK	1	37	22.52	22.55	22.48		
15	QPSK	1	74	22.59	22.58	22.45		
15	QPSK	36	0	21.59	21.79	21.62	23	1
15	QPSK	36	20	21.50	21.59	21.46		
15	QPSK	36	39	21.58	21.68	21.57		
15	QPSK	75	0	21.55	21.61	21.53		
15	16QAM	1	0	21.43	21.65	21.48	23	1
15	16QAM	1	37	21.39	21.31	21.36		
15	16QAM	1	74	21.47	21.61	21.32		
15	16QAM	36	0	20.68	20.82	20.62	22	2
15	16QAM	36	20	20.49	20.53	20.48		
15	16QAM	36	39	20.70	20.70	20.52		
15	16QAM	75	0	20.62	20.49	20.44		
15	64QAM	1	0	20.43	20.59	20.44	22	2
15	64QAM	1	37	20.25	20.36	20.30		
15	64QAM	1	74	20.51	20.50	20.25		
15	64QAM	36	0	19.61	19.87	19.51	21	3
15	64QAM	36	20	19.55	19.59	19.52		
15	64QAM	36	39	19.67	19.73	19.50		
15	64QAM	75	0	19.57	19.59	19.57		
15	256QAM	1	0	17.73	17.81	17.53	19	5
15	256QAM	1	37	17.55	17.53	17.50		
15	256QAM	1	74	17.55	17.66	17.36		
15	256QAM	36	0	17.68	17.69	17.56	19	5
15	256QAM	36	20	17.44	17.42	17.33		
15	256QAM	36	39	17.38	17.38	17.47		
15	256QAM	75	0	17.43	17.56	17.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.71	22.67	22.60	24	0
10	QPSK	1	25	22.49	22.54	22.51		
10	QPSK	1	49	22.64	22.68	22.49		
10	QPSK	25	0	21.70	21.76	21.67	23	1
10	QPSK	25	12	21.47	21.60	21.55		
10	QPSK	25	25	21.67	21.77	21.58		
10	QPSK	50	0	21.52	21.57	21.40		
10	16QAM	1	0	21.42	21.66	21.48	23	1
10	16QAM	1	25	21.29	21.46	21.44		
10	16QAM	1	49	21.47	21.59	21.25		
10	16QAM	25	0	20.56	20.80	20.64	22	2
10	16QAM	25	12	20.48	20.58	20.43		
10	16QAM	25	25	20.60	20.80	20.59		
10	16QAM	50	0	20.53	20.49	20.32		
10	64QAM	1	0	20.49	20.51	20.42	22	2
10	64QAM	1	25	20.18	20.38	20.31		
10	64QAM	1	49	20.51	20.46	20.19		
10	64QAM	25	0	19.55	19.89	19.59	21	3
10	64QAM	25	12	19.58	19.69	19.49		
10	64QAM	25	25	19.60	19.67	19.50		
10	64QAM	50	0	19.57	19.56	19.55		
10	256QAM	1	0	17.60	17.91	17.52	19	5
10	256QAM	1	25	17.60	17.45	17.47		
10	256QAM	1	49	17.56	17.61	17.47		
10	256QAM	25	0	17.55	17.53	17.48	19	5
10	256QAM	25	12	17.45	17.53	17.43		
10	256QAM	25	25	17.40	17.46	17.42		
10	256QAM	50	0	17.43	17.65	17.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.65	22.80	22.59	24	0
5	QPSK	1	12	22.59	22.57	22.57		
5	QPSK	1	24	22.65	22.61	22.40		
5	QPSK	12	0	21.71	21.83	21.65	23	1
5	QPSK	12	7	21.60	21.62	21.52		
5	QPSK	12	13	21.51	21.74	21.46		
5	QPSK	25	0	21.63	21.67	21.40		
5	16QAM	1	0	21.49	21.61	21.59	23	1
5	16QAM	1	12	21.38	21.37	21.37		
5	16QAM	1	24	21.38	21.52	21.39		
5	16QAM	12	0	20.55	20.84	20.65	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.63	20.62	20.50		
5	16QAM	25	0	20.51	20.53	20.46		
5	64QAM	1	0	20.44	20.63	20.47	22	2
5	64QAM	1	12	20.22	20.43	20.32		
5	64QAM	1	24	20.52	20.59	20.25		
5	64QAM	12	0	19.60	19.89	19.51	21	3
5	64QAM	12	7	19.61	19.58	19.53		
5	64QAM	12	13	19.72	19.80	19.55		
5	64QAM	25	0	19.64	19.63	19.57		
5	256QAM	1	0	17.66	17.92	17.54	19	5
5	256QAM	1	12	17.58	17.58	17.61		
5	256QAM	1	24	17.61	17.60	17.62		
5	256QAM	12	0	17.62	17.55	17.48	19	5
5	256QAM	12	7	17.46	17.50	17.46		
5	256QAM	12	13	17.34	17.35	17.41		
5	256QAM	25	0	17.49	17.64	17.37		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.74	22.81	22.60	24	0
3	QPSK	1	8	22.52	22.68	22.58		
3	QPSK	1	14	22.63	22.65	22.57		
3	QPSK	8	0	21.63	21.78	21.58	23	1
3	QPSK	8	4	21.50	21.55	21.58		
3	QPSK	8	7	21.65	21.77	21.56		
3	QPSK	15	0	21.62	21.70	21.49		
3	16QAM	1	0	21.43	21.54	21.49	23	1
3	16QAM	1	8	21.37	21.38	21.39		
3	16QAM	1	14	21.46	21.53	21.33		
3	16QAM	8	0	20.53	20.77	20.59	22	2
3	16QAM	8	4	20.47	20.55	20.35		
3	16QAM	8	7	20.73	20.77	20.52		
3	16QAM	15	0	20.53	20.51	20.30		
3	64QAM	1	0	20.54	20.59	20.50	22	2
3	64QAM	1	8	20.25	20.40	20.31		
3	64QAM	1	14	20.56	20.52	20.34		
3	64QAM	8	0	19.66	19.91	19.54	21	3
3	64QAM	8	4	19.51	19.58	19.43		
3	64QAM	8	7	19.62	19.77	19.60		
3	64QAM	15	0	19.68	19.59	19.57		
3	256QAM	1	0	17.62	17.94	17.55	19	5
3	256QAM	1	8	17.65	17.47	17.48		
3	256QAM	1	14	17.64	17.70	17.46		
3	256QAM	8	0	17.58	17.65	17.50	19	5
3	256QAM	8	4	17.35	17.42	17.50		
3	256QAM	8	7	17.36	17.40	17.53		
3	256QAM	15	0	17.38	17.64	17.24		
Channel				26047	26340	26983	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.63	22.73	22.69	24	0
1.4	QPSK	1	3	22.63	22.62	22.57		
1.4	QPSK	1	5	22.57	22.67	22.52		
1.4	QPSK	3	0	22.45	22.64	22.49		
1.4	QPSK	3	1	22.48	22.59	22.37		
1.4	QPSK	3	3	22.52	22.50	22.34		
1.4	QPSK	6	0	21.60	21.67	21.53	23	1
1.4	16QAM	1	0	21.49	21.58	21.42	23	1
1.4	16QAM	1	3	21.25	21.41	21.32		
1.4	16QAM	1	5	21.46	21.50	21.36		
1.4	16QAM	3	0	21.30	21.42	21.31		
1.4	16QAM	3	1	21.20	21.34	21.27		
1.4	16QAM	3	3	21.38	21.36	21.15		
1.4	16QAM	6	0	20.51	20.64	20.43	22	2
1.4	64QAM	1	0	20.53	20.61	20.46	22	2
1.4	64QAM	1	3	20.20	20.50	20.31		
1.4	64QAM	1	5	20.53	20.52	20.25		
1.4	64QAM	3	0	20.47	20.54	20.43		
1.4	64QAM	3	1	20.11	20.40	20.19		
1.4	64QAM	3	3	20.41	20.47	20.20		
1.4	64QAM	6	0	19.57	19.62	19.51	21	3
1.4	256QAM	1	0	17.66	17.90	17.62	19	5
1.4	256QAM	1	3	17.52	17.54	17.55		
1.4	256QAM	1	5	17.56	17.67	17.60		
1.4	256QAM	3	0	17.63	17.53	17.48		
1.4	256QAM	3	1	17.42	17.45	17.47		
1.4	256QAM	3	3	17.39	17.36	17.37		
1.4	256QAM	6	0	17.46	17.54	17.26	19	5

Band 26 Ant 0 Full power

BW [MHz]	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	23.20	23.25	23.19	24	0
15	QPSK	1	37	23.09	23.23	23.10		
15	QPSK	1	74	23.09	23.14	23.12		
15	QPSK	36	0	22.15	22.32	22.23	23	1
15	QPSK	36	20	22.11	22.27	22.17		
15	QPSK	36	39	22.15	22.14	22.13		
15	QPSK	75	0	22.16	22.20	22.15		
15	16QAM	1	0	22.02	22.12	22.13	23	1
15	16QAM	1	37	21.87	22.16	22.00		
15	16QAM	1	74	22.08	21.91	21.94		
15	16QAM	36	0	21.10	21.30	21.26	22	2
15	16QAM	36	20	21.07	21.26	21.21		
15	16QAM	36	39	21.12	21.11	21.21		
15	16QAM	75	0	21.10	21.17	21.16		
15	64QAM	1	0	21.03	21.08	21.17	22	2
15	64QAM	1	37	20.82	21.21	20.95		
15	64QAM	1	74	21.12	20.83	20.88		
15	64QAM	36	0	20.18	20.38	20.17	21	3
15	64QAM	36	20	20.18	20.29	20.17		
15	64QAM	36	39	20.21	20.16	20.08		
15	64QAM	75	0	20.19	20.12	20.11		
15	256QAM	1	0	18.20	18.31	18.26	19	5
15	256QAM	1	37	18.08	18.26	18.18		
15	256QAM	1	74	18.08	18.10	18.07		
15	256QAM	36	0	18.17	18.22	18.12	19	5
15	256QAM	36	20	18.04	18.13	18.10		
15	256QAM	36	39	17.93	18.20	17.92		
15	256QAM	75	0	18.15	17.93	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.04	23.10	23.09	24	0
10	QPSK	1	25	22.89	23.11	23.01		
10	QPSK	1	49	23.04	23.00	22.98		
10	QPSK	25	0	21.97	22.21	22.10	23	1
10	QPSK	25	12	22.06	22.12	21.97		
10	QPSK	25	25	22.03	22.03	22.09		
10	QPSK	50	0	22.09	22.05	22.08		
10	16QAM	1	0	21.89	22.07	21.93	23	1
10	16QAM	1	25	21.72	21.95	21.83		
10	16QAM	1	49	21.90	21.79	21.88		
10	16QAM	25	0	21.00	21.10	21.06	22	2
10	16QAM	25	12	20.94	21.21	21.14		
10	16QAM	25	25	21.04	21.06	21.01		
10	16QAM	50	0	21.01	21.14	21.05		
10	64QAM	1	0	20.83	21.04	21.10	22	2
10	64QAM	1	25	20.68	21.10	20.77		
10	64QAM	1	49	21.04	20.68	20.75		
10	64QAM	25	0	20.09	20.19	19.99	21	3
10	64QAM	25	12	20.13	20.11	19.98		
10	64QAM	25	25	20.13	19.97	19.93		
10	64QAM	50	0	20.04	19.91	20.00		
10	256QAM	1	0	18.00	18.11	18.18	19	5
10	256QAM	1	25	17.93	18.05	18.11		
10	256QAM	1	49	17.93	17.94	17.98		
10	256QAM	25	0	18.11	18.17	18.08	19	5
10	256QAM	25	12	17.99	17.93	17.99		
10	256QAM	25	25	17.73	18.03	17.77		
10	256QAM	50	0	18.00	17.73	17.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.19	23.07	24	0
5	QPSK	1	12	23.05	23.17	23.03		
5	QPSK	1	24	22.98	22.99	23.05		
5	QPSK	12	0	21.95	22.11	22.02	23	1
5	QPSK	12	7	21.93	22.21	21.96		
5	QPSK	12	13	21.98	22.04	21.99		
5	QPSK	25	0	22.01	22.10	21.96		
5	16QAM	1	0	21.85	21.94	21.98	23	1
5	16QAM	1	12	21.76	22.10	21.94		
5	16QAM	1	24	21.90	21.75	21.73		
5	16QAM	12	0	20.94	21.23	21.22	22	2
5	16QAM	12	7	20.92	21.17	21.11		
5	16QAM	12	13	21.08	20.90	21.05		
5	16QAM	25	0	20.92	20.99	20.99		
5	64QAM	1	0	20.89	20.90	21.12	22	2
5	64QAM	1	12	20.74	21.10	20.89		
5	64QAM	1	24	20.95	20.71	20.76		
5	64QAM	12	0	20.09	20.32	19.98	21	3
5	64QAM	12	7	20.02	20.10	19.97		
5	64QAM	12	13	20.05	19.99	20.00		
5	64QAM	25	0	20.12

Band 66 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.87	22.91	22.85	24	0
20	QPSK	1	49	22.66	22.84	22.78		
20	QPSK	1	99	22.74	22.72	22.78		
20	QPSK	50	0	21.78	21.95	21.91	23	1
20	QPSK	50	24	21.86	21.87	21.70		
20	QPSK	50	50	21.78	21.77	21.70		
20	QPSK	100	0	21.85	21.90	21.88		
20	16QAM	1	0	21.65	21.87	21.81	23	1
20	16QAM	1	49	21.63	21.74	21.68		
20	16QAM	1	99	21.61	21.63	21.59		
20	16QAM	50	0	20.77	20.88	20.92	22	2
20	16QAM	50	24	20.88	20.91	20.63		
20	16QAM	50	50	20.87	20.76	20.73		
20	16QAM	100	0	20.82	20.99	20.81		
20	64QAM	1	0	20.69	20.78	20.86	22	2
20	64QAM	1	49	20.62	20.80	20.63		
20	64QAM	1	99	20.60	20.61	20.67		
20	64QAM	50	0	19.85	19.88	19.86	21	3
20	64QAM	50	24	19.90	19.93	19.73		
20	64QAM	50	50	19.81	19.79	19.72		
20	64QAM	100	0	19.78	19.83	19.83		
20	256QAM	1	0	17.77	18.00	17.97	19	5
20	256QAM	1	49	17.95	17.94	17.62		
20	256QAM	1	99	17.87	17.86	17.65		
20	256QAM	50	0	17.76	17.82	17.87	19	5
20	256QAM	50	24	17.69	17.93	17.88		
20	256QAM	50	50	17.71	17.72	17.76		
20	256QAM	100	0	17.54	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	22.71	22.72	24	0
15	QPSK	1	37	22.58	22.70	22.62		
15	QPSK	1	74	22.55	22.62	22.61		
15	QPSK	36	0	21.59	21.80	21.75	23	1
15	QPSK	36	20	21.70	21.66	21.52		
15	QPSK	36	39	21.72	21.64	21.63		
15	QPSK	75	0	21.74	21.82	21.79		
15	16QAM	1	0	21.57	21.73	21.72	23	1
15	16QAM	1	37	21.50	21.67	21.64		
15	16QAM	1	74	21.40	21.47	21.49		
15	16QAM	36	0	20.61	20.78	20.81	22	2
15	16QAM	36	20	20.76	20.75	20.44		
15	16QAM	36	39	20.84	20.71	20.64		
15	16QAM	75	0	20.76	20.88	20.69		
15	64QAM	1	0	20.62	20.72	20.78	22	2
15	64QAM	1	37	20.56	20.60	20.46		
15	64QAM	1	74	20.43	20.46	20.57		
15	64QAM	36	0	19.76	19.80	19.69	21	3
15	64QAM	36	20	19.81	19.76	19.68		
15	64QAM	36	39	19.75	19.73	19.59		
15	64QAM	75	0	19.65	19.74	19.67		
15	256QAM	1	0	17.62	17.81	17.90	19	5
15	256QAM	1	37	17.76	17.88	17.51		
15	256QAM	1	74	17.71	17.80	17.49		
15	256QAM	36	0	17.57	17.73	17.76	19	5
15	256QAM	36	20	17.51	17.81	17.75		
15	256QAM	36	39	17.51	17.64	17.69		
15	256QAM	75	0	17.48	17.50	17.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.66	22.76	22.81	24	0
10	QPSK	1	25	22.54	22.81	22.62		
10	QPSK	1	49	22.57	22.52	22.67		
10	QPSK	25	0	21.75	21.80	21.82	23	1
10	QPSK	25	12	21.77	21.66	21.51		
10	QPSK	25	25	21.63	21.72	21.58		
10	QPSK	50	0	21.77	21.75	21.84		
10	16QAM	1	0	21.46	21.73	21.63	23	1
10	16QAM	1	25	21.45	21.69	21.53		
10	16QAM	1	49	21.54	21.49	21.55		
10	16QAM	25	0	20.60	20.74	20.86	22	2
10	16QAM	25	12	20.85	20.86	20.58		
10	16QAM	25	25	20.66	20.61	20.61		
10	16QAM	50	0	20.78	20.91	20.72		
10	64QAM	1	0	20.64	20.70	20.67	22	2
10	64QAM	1	25	20.51	20.68	20.45		
10	64QAM	1	49	20.56	20.41	20.48		
10	64QAM	25	0	19.70	19.73	19.77	21	3
10	64QAM	25	12	19.73	19.74	19.62		
10	64QAM	25	25	19.65	19.63	19.56		
10	64QAM	50	0	19.68	19.73	19.72		
10	256QAM	1	0	17.59	17.93	17.78	19	5
10	256QAM	1	25	17.92	17.88	17.73		
10	256QAM	1	49	17.66	17.76	17.49		
10	256QAM	25	0	17.61	17.71	17.81	19	5
10	256QAM	25	12	17.65	17.83	17.74		
10	256QAM	25	25	17.56	17.68	17.70		
10	256QAM	50	0	17.36	17.55	17.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.77	22.82	24	0
5	QPSK	1	12	22.51	22.66	22.66		
5	QPSK	1	24	22.70	22.54	22.70		
5	QPSK	12	0	21.59	21.87	21.80	23	1
5	QPSK	12	7	21.70	21.75	21.51		
5	QPSK	12	13	21.63	21.63	21.53		
5	QPSK	25	0	21.75	21.71	21.75		
5	16QAM	1	0	21.61	21.71	21.71	23	1
5	16QAM	1	12	21.52	21.59	21.58		
5	16QAM	1	24	21.44	21.55	21.43		
5	16QAM	12	0	20.59	20.82	20.85	22	2
5	16QAM	12	7	20.80	20.82	20.52		
5	16QAM	12	13	20.76	20.56	20.68		
5	16QAM	25	0	20.70	20.82	20.77		
5	64QAM	1	0	20.61	20.60	20.66	22	2
5	64QAM	1	12	20.49	20.70	20.42		
5	64QAM	1	24	20.50	20.53	20.57		
5	64QAM	12	0	19.75	19.74	19.71	21	3
5	64QAM	12	7	19.84	19.83	19.61		
5	64QAM	12	13	19.73	19.70	19.54		
5	64QAM	25	0	19.73	19.65	19.63		
5	256QAM	1	0	17.67	17.79	17.93	19	5
5	256QAM	1	12	17.76	17.78	17.58		
5	256QAM	1	24	17.77	17.68	17.45		
5	256QAM	12	0	17.68	17.69	17.81	19	5
5	256QAM	12	7	17.62	17.79	17.81		
5	256QAM	12	13	17.61	17.52	17.63		
5	256QAM	25	0	17.43	17.55	17.46		
Channel				131982	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.67	22.79	22.71	24	0
3	QPSK	1	8	22.56	22.70	22.72		
3	QPSK	1	14	22.69	22.64	22.63		
3	QPSK	8	0	21.67	21.88	21.75	23	1
3	QPSK	8	4	21.77	21.69	21.50		
3	QPSK	8	7	21.67	21.59	21.64		
3	QPSK	15	0	21.68	21.78	21.78		
3	16QAM	1	0	21.61	21.71	21.62	23	1
3	16QAM	1	8	21.57	21.57	21.55		
3	16QAM	1	14	21.55	21.46	21.40		
3	16QAM	8	0	20.58	20.69	20.83	22	2
3	16QAM	8	4	20.67	20.80	20.48		
3	16QAM	8	7	20.80	20.55	20.55		
3	16QAM	15	0	20.65	20.95	20.63		
3	64QAM	1	0	20.60	20.69	20.78	22	2
3	64QAM	1	8	20.55	20.69	20.52		
3	64QAM	1	14	20.51	20.56	20.63		
3	64QAM	8	0	19.64	19.80	19.69	21	3
3	64QAM	8	4	19.75	19.88	19.62		
3	64QAM	8	7	19.70	19.71	19.60		
3	64QAM	15	0	19.73	19.69	19.73		
3	256QAM	1	0	17.57	17.89	17.90	19	5
3	256QAM	1	8	17.84	17.74	17.50		
3	256QAM	1	14	17.66	17.79	17.51		
3	256QAM	8	0	17.73	17.64	17.68	19	5
3	256QAM	8	4	17.63	17.78	17.71		
3	256QAM	8	7	17.57	17.52	17.69		
3	256QAM	15	0	17.35	17.49	17.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.76	22.70	22.77	24	0
1.4	QPSK	1	3	22.61	22.65	22.65		
1.4	QPSK	1	5	22.70	22.65	22.71		
1.4	QPSK	3	0	22.56	22.50	22.68		
1.4	QPSK	3	1	22.41	22.55	22.58		
1.4	QPSK	3	3	22.50	22.55	22.51		
1.4	QPSK	6	0	21.74	21.84	21.75	23	1
1.4	16QAM	1	0	21.50	21.79	21.60	23	1
1.4	16QAM	1	3	21.56	21.68	21.50		
1.4	16QAM	1	5	21.42	21.45	21.50		
1.4	16QAM	3	0	21.37	21.71	21.42		
1.4	16QAM	3	1	21.53	21.59	21.30		
1.4	16QAM	3	3	21.30	21.29	21.45		
1.4	16QAM	6	0	20.69	20.87	20.76	22	2
1.4	64QAM	1	0	20.54	20.58	20.74	22	2
1.4	64QAM	1	3	20.56	20.74	20.49		
1.4	64QAM	1	5	20.45	20.44	20.49		
1.4	64QAM	3	0	20.49	20.45	20.69		
1.4	64QAM	3	1	20.47	20.56	20.34		
1.4	64QAM	3	3	20.31	20.31	20.39		
1.4	64QAM	6	0	19.61	19.67	19.66	21	3
1.4	256QAM	1	0	17.64	17.93	17.88	19	5
1.4	256QAM	1	3	17.76	17.77	17.53		
1.4	256QAM	1	5	17.82	17.72	17.46		
1.4	256QAM	3	0	17.61	17.79	17.71		
1.4	256QAM	3	1	17.54	17.79	17.82		
1.4	256QAM	3	3	17.54	17.67	17.67		
1.4	256QAM	6	0	17.45	17.40	17.39	19	5

Band 7 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.13	23.10	24	0
20	QPSK	1	49	22.89	23.04	23.03		
20	QPSK	1	99	23.00	23.01	22.95		
20	QPSK	50	0	22.03	22.10	22.05	23	1
20	QPSK	50	24	21.84	22.01	21.98		
20	QPSK	50	50	22.09	22.03	21.90		
20	QPSK	100	0	22.00	22.07	22.01		
20	16QAM	1	0	21.95	22.04	21.83	23	1
20	16QAM	1	49	21.69	21.92	21.91		
20	16QAM	1	99	21.89	21.90	21.67		
20	16QAM	50	0	21.03	21.15	21.11	22	2
20	16QAM	50	24	20.85	20.96	21.07		
20	16QAM	50	50	21.06	20.97	20.91		
20	16QAM	100	0	21.07	21.03	20.92		
20	64QAM	1	0	21.03	21.02	20.84	22	2
20	64QAM	1	49	20.64	21.00	20.95		
20	64QAM	1	99	20.95	20.87	20.93		
20	64QAM	50	0	20.01	20.08	20.12	21	3
20	64QAM	50	24	19.81	19.95	19.92		
20	64QAM	50	50	20.18	20.10	19.91		
20	64QAM	100	0	20.00	20.15	20.09		
20	256QAM	1	0	18.11	18.18	18.04	19	5
20	256QAM	1	49	17.84	17.97	17.92		
20	256QAM	1	99	18.03	17.96	17.88		
20	256QAM	50	0	18.00	18.10	17.98	19	5
20	256QAM	50	24	17.88	18.01	17.79		
20	256QAM	50	50	17.75	17.95	17.92		
20	256QAM	100	0	17.88	17.92	17.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.03	23.08	23.06	24	0
15	QPSK	1	37	22.81	22.92	22.83		
15	QPSK	1	74	22.90	22.92	22.79		
15	QPSK	36	0	21.99	21.94	21.86	23	1
15	QPSK	36	20	21.65	21.84	21.84		
15	QPSK	36	39	21.89	21.93	21.75		
15	QPSK	75	0	21.96	22.04	21.91		
15	16QAM	1	0	21.85	21.93	21.70	23	1
15	16QAM	1	37	21.62	21.76	21.88		
15	16QAM	1	74	21.69	21.82	21.60		
15	16QAM	36	0	20.89	21.03	21.05	22	2
15	16QAM	36	20	20.65	20.93	20.97		
15	16QAM	36	39	20.91	20.87	20.82		
15	16QAM	75	0	21.04	20.90	20.80		
15	64QAM	1	0	20.96	20.87	20.65	22	2
15	64QAM	1	37	20.55	20.91	20.86		
15	64QAM	1	74	20.84	20.66	20.89		
15	64QAM	36	0	19.86	20.04	19.96	21	3
15	64QAM	36	20	19.70	19.91	19.89		
15	64QAM	36	39	20.01	19.96	19.83		
15	64QAM	75	0	19.82	20.01	19.95		
15	256QAM	1	0	17.98	18.03	17.85	19	5
15	256QAM	1	37	17.70	17.84	17.86		
15	256QAM	1	74	17.83	17.83	17.80		
15	256QAM	36	0	17.87	18.05	17.82	19	5
15	256QAM	36	20	17.76	17.91	17.61		
15	256QAM	36	39	17.61	17.85	17.84		
15	256QAM	75	0	17.82	17.75	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.02	22.93	23.04	24	0
10	QPSK	1	25	22.70	22.96	22.94		
10	QPSK	1	49	22.89	22.81	22.81		
10	QPSK	25	0	21.89	21.91	21.90	23	1
10	QPSK	25	12	21.65	21.93	21.80		
10	QPSK	25	25	21.90	21.84	21.74		
10	QPSK	50	0	21.85	21.89	21.95		
10	16QAM	1	0	21.86	21.95	21.78	23	1
10	16QAM	1	25	21.52	21.72	21.74		
10	16QAM	1	49	21.73	21.77	21.60		
10	16QAM	25	0	20.91	21.08	20.98	22	2
10	16QAM	25	12	20.69	20.88	20.93		
10	16QAM	25	25	20.87	20.88	20.87		
10	16QAM	50	0	20.93	20.83	20.83		
10	64QAM	1	0	20.84	20.89	20.67	22	2
10	64QAM	1	25	20.44	20.81	20.87		
10	64QAM	1	49	20.79	20.75	20.76		
10	64QAM	25	0	19.80	20.01	19.93	21	3
10	64QAM	25	12	19.64	19.89	19.89		
10	64QAM	25	25	20.01	20.05	19.83		
10	64QAM	50	0	19.84	19.95	20.01		
10	256QAM	1	0	17.95	18.07	17.91	19	5
10	256QAM	1	25	17.72	17.92	17.88		
10	256QAM	1	49	17.92	17.92	17.74		
10	256QAM	25	0	17.91	17.93	17.80	19	5
10	256QAM	25	12	17.79	17.91	17.58		
10	256QAM	25	25	17.64	17.87	17.73		
10	256QAM	50	0	17.77	17.88	17.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.89	23.00	23.07	24	0
5	QPSK	1	12	22.77	22.93	22.97		
5	QPSK	1	24	22.83	22.83	22.81		
5	QPSK	12	0	21.97	22.06	21.88	23	1
5	QPSK	12	7	21.68	21.83	21.80		
5	QPSK	12	13	21.94	21.93	21.83		
5	QPSK	25	0	21.92	21.99	21.80		
5	16QAM	1	0	21.74	21.93	21.88	23	1
5	16QAM	1	12	21.55	21.77	21.78		
5	16QAM	1	24	21.72	21.70	21.58		
5	16QAM	12	0	20.97	20.97	21.06	22	2
5	16QAM	12	7	20.68	20.80	20.86		
5	16QAM	12	13	20.94	20.82	20.71		
5	16QAM	25	0	20.93	20.96	20.77		
5	64QAM	1	0	20.88	20.91	20.64	22	2
5	64QAM	1	12	20.52	20.91	20.83		
5	64QAM	1	24	20.89	20.81	20.89		
5	64QAM	12	0	19.88	20.02	20.06	21	3
5	64QAM	12	7	19.68	19.87	19.87		
5	64QAM	12	13	19.99	19.96	19.81		
5	64QAM	25	0	19.94	20.11	19.90		
5	256QAM	1	0	17.95	18.08	17.98	19	5
5	256QAM	1	12	17.76	17.94	17.86		
5	256QAM	1	24	17.93	17.88	17.75		
5	256QAM	12	0	17.96	17.93	17.87	19	5
5	256QAM	12	7	17.77	17.81	17.73		
5	256QAM	12	13	17.56	17.83	17.84		
5	256QAM	25	0	17.69	17.81	17.63		

Band 2 Ant 4 Full power

BW [MHz]	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	21.55	21.59	21.48	22.5	0
20	QPSK	1	49	21.42	21.38	21.46		
20	QPSK	1	99	21.31	21.30	21.20		
20	QPSK	50	0	20.43	20.59	20.36	21.5	1
20	QPSK	50	24	20.21	20.42	20.36		
20	QPSK	50	50	20.21	20.32	20.35		
20	QPSK	100	0	20.43	20.43	20.41		
20	16QAM	1	0	20.21	20.44	20.34	21.5	1
20	16QAM	1	49	20.03	20.23	20.39		
20	16QAM	1	99	20.31	20.08	20.05		
20	16QAM	50	0	19.29	19.50	19.40	20.5	2
20	16QAM	50	24	19.29	19.58	19.36		
20	16QAM	50	50	19.35	19.40	19.35		
20	16QAM	100	0	19.54	19.56	19.49		
20	64QAM	1	0	19.35	19.30	19.35	20.5	2
20	64QAM	1	49	19.12	19.14	19.25		
20	64QAM	1	99	19.29	19.06	18.98		
20	64QAM	50	0	18.41	18.57	18.49	19.5	3
20	64QAM	50	24	18.26	18.25	18.51		
20	64QAM	50	50	18.27	18.36	18.18		
20	64QAM	100	0	18.49	18.57	18.45		
20	256QAM	1	0	16.55	16.57	16.44	17.5	5
20	256QAM	1	49	16.19	16.27	16.53		
20	256QAM	1	99	16.40	16.38	16.19		
20	256QAM	50	0	16.61	16.47	16.56	17.5	5
20	256QAM	50	24	16.45	16.33	16.40		
20	256QAM	50	50	16.32	16.21	16.40		
20	256QAM	100	0	16.20	15.95	16.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.46	21.54	21.35	22.5	0
15	QPSK	1	37	21.28	21.33	21.35		
15	QPSK	1	74	21.24	21.38	21.20		
15	QPSK	36	0	20.37	20.56	20.33	21.5	1
15	QPSK	36	20	20.15	20.39	20.26		
15	QPSK	36	39	20.13	20.35	20.24		
15	QPSK	75	0	20.39	20.37	20.28		
15	16QAM	1	0	20.16	20.30	20.25	21.5	1
15	16QAM	1	37	19.91	20.10	20.29		
15	16QAM	1	74	20.28	19.96	19.82		
15	16QAM	36	0	19.19	19.36	19.35	20.5	2
15	16QAM	36	20	19.19	19.47	19.28		
15	16QAM	36	39	19.34	19.40	19.26		
15	16QAM	75	0	19.39	19.53	19.48		
15	64QAM	1	0	19.28	19.20	19.28	20.5	2
15	64QAM	1	37	18.97	19.03	19.24		
15	64QAM	1	74	19.18	18.97	18.92		
15	64QAM	36	0	18.40	18.46	18.48	19.5	3
15	64QAM	36	20	18.13	18.28	18.50		
15	64QAM	36	39	18.21	18.26	18.12		
15	64QAM	75	0	18.46	18.56	18.39		
15	256QAM	1	0	16.50	16.51	16.37	17.5	5
15	256QAM	1	37	16.19	16.22	16.40		
15	256QAM	1	74	16.30	16.27	16.12		
15	256QAM	36	0	16.48	16.44	16.44	17.5	5
15	256QAM	36	20	16.39	16.21	16.26		
15	256QAM	36	39	16.28	16.16	16.11		
15	256QAM	75	0	16.07	15.87	16.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.52	21.57	21.46	22.5	0
10	QPSK	1	25	21.31	21.26	21.36		
10	QPSK	1	49	21.30	21.30	21.07		
10	QPSK	25	0	20.32	20.53	20.32	21.5	1
10	QPSK	25	12	20.16	20.33	20.25		
10	QPSK	25	25	20.10	20.30	20.24		
10	QPSK	50	0	20.37	20.43	20.30		
10	16QAM	1	0	20.07	20.38	20.28	21.5	1
10	16QAM	1	25	19.92	20.18	20.29		
10	16QAM	1	49	20.25	20.02	19.92		
10	16QAM	25	0	19.27	19.41	19.27	20.5	2
10	16QAM	25	12	19.15	19.58	19.24		
10	16QAM	25	25	19.22	19.38	19.22		
10	16QAM	50	0	19.46	19.45	19.38		
10	64QAM	1	0	19.22	19.17	19.34	20.5	2
10	64QAM	1	25	19.10	19.05	19.19		
10	64QAM	1	49	19.20	18.99	18.90		
10	64QAM	25	0	18.27	18.47	18.35	19.5	3
10	64QAM	25	12	18.25	18.21	18.44		
10	64QAM	25	25	18.27	18.22	18.17		
10	64QAM	50	0	18.38	18.43	18.41		
10	256QAM	1	0	16.47	16.45	16.35	17.5	5
10	256QAM	1	25	16.15	16.14	16.45		
10	256QAM	1	49	16.36	16.32	16.19		
10	256QAM	25	0	16.56	16.42	16.45	17.5	5
10	256QAM	25	12	16.38	16.25	16.26		
10	256QAM	25	25	16.27	16.19	16.35		
10	256QAM	50	0	16.14	15.94	15.98		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	21.43	21.50	21.35	22.5	0
5	QPSK	1	12	21.42	21.37	21.32		
5	QPSK	1	24	21.26	21.37	21.11		
5	QPSK	12	0	20.41	20.48	20.35	21.5	1
5	QPSK	12	7	20.14	20.41	20.23		
5	QPSK	12	13	20.07	20.30	20.20		
5	QPSK	25	0	20.39	20.34	20.38		
5	16QAM	1	0	20.20	20.35	20.22	21.5	1
5	16QAM	1	12	20.01	20.09	20.25		
5	16QAM	1	24	20.27	20.06	19.93		
5	16QAM	12	0	19.17	19.44	19.31	20.5	2
5	16QAM	12	7	19.15	19.53	19.24		
5	16QAM	12	13	19.28	19.25	19.33		
5	16QAM	25	0	19.48	19.41	19.46		
5	64QAM	1	0	19.25	19.26	19.32	20.5	2
5	64QAM	1	12	18.99	19.06	19.22		
5	64QAM	1	24	19.19	18.99	18.94		
5	64QAM	12	0	18.30	18.46	18.45	19.5	3
5	64QAM	12	7	18.24	18.11	18.36		
5	64QAM	12	13	18.17	18.35	18.16		
5	64QAM	25	0	18.41	18.45	18.43		
5	256QAM	1	0	16.55	16.53	16.43	17.5	5
5	256QAM	1	12	16.12	16.23	16.51		
5	256QAM	1	24	16.40	16.29	16.12		
5	256QAM	12	0	16.59	16.49	16.49	17.5	5
5	256QAM	12	7	16.36	16.22	16.39		
5	256QAM	12	13	16.25	16.14	16.35		
5	256QAM	25	0	16.14	15.86	16.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.46	21.53	21.38	22.5	0
3	QPSK	1	8	21.41	21.35	21.40		
3	QPSK	1	14	21.23	21.36	21.07		
3	QPSK	8	0	20.37	20.57	20.35	21.5	1
3	QPSK	8	4	20.09	20.30	20.32		
3	QPSK	8	7	20.19	20.18	20.28		
3	QPSK	15	0	20.41	20.33	20.30		
3	16QAM	1	0	20.17	20.35	20.31	21.5	1
3	16QAM	1	8	19.95	20.20	20.32		
3	16QAM	1	14	20.25	19.97	19.98		
3	16QAM	8	0	19.24	19.46	19.33	20.5	2
3	16QAM	8	4	19.17	19.51	19.30		
3	16QAM	8	7	19.23	19.32	19.32		
3	16QAM	15	0	19.47	19.53	19.37		
3	64QAM	1	0	19.30	19.27	19.29	20.5	2
3	64QAM	1	8	19.03	19.03	19.22		
3	64QAM	1	14	19.22	18.97	18.90		
3	64QAM	8	0	18.27	18.47	18.47	19.5	3
3	64QAM	8	4	18.12	18.19	18.50		
3	64QAM	8	7	18.16	18.35	18.10		
3	64QAM	15	0	18.48	18.47	18.43		
3	256QAM	1	0	16.49	16.54	16.36	17.5	5
3	256QAM	1	8	16.16	16.14	16.52		
3	256QAM	1	14	16.34	16.33	16.17		
3	256QAM	8	0	16.47	16.35	16.41	17.5	5
3	256QAM	8	4	16.33	16.33	16.25		
3	256QAM	8	7	16.23	16.06	16.29		
3	256QAM	15	0	16.11	15.90	15.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.46	21.37	21.41	22.5	0
1.4	QPSK	1	3	21.36	21.33	21.34		
1.4	QPSK	1	5	21.36	21.39	21.12		
1.4	QPSK	3	0	21.24	21.22	21.41		
1.4	QPSK	3	1	21.28	21.37	21.23		
1.4	QPSK	3	3	21.25	21.20	21.17		
1.4	QPSK	6	0	20.43	20.45	20.26	21.5	1
1.4	16QAM	1	0	20.28	20.33	20.22	21.5	1
1.4	16QAM	1	3	20.14	20.30	20.27		
1.4	16QAM	1	5	20.29	20.08	20.10		
1.4	16QAM	3	0	20.22	20.11	20.16		
1.4	16QAM	3	1	20.10	20.06	20.19		
1.4	16QAM	3	3	20.27	19.96	20.07		
1.4	16QAM	6	0	19.50	19.57	19.44	20.5	2
1.4	64QAM	1	0	19.26	19.27	19.19	20.5	2
1.4	64QAM	1	3	19.01	19.03	19.36		
1.4	64QAM	1	5	19.26	19.12	19.04		
1.4	64QAM	3	0	19.18	19.11	19.15		
1.4	64QAM	3	1	18.92	18.93	19.12		
1.4	64QAM	3	3	19.13	18.95	18.98		
1.4	64QAM	6	0	18.49	18.55	18.31	19.5	3
1.4	256QAM	1	0	16.28	16.43	16.50	17.5	5
1.4	256QAM	1	3	16.22	16.28	16.41		
1.4	256QAM	1	5	16.30	16.35	16.09		
1.4	256QAM	3	0	16.51	16.59	16.42		
1.4	256QAM	3	1	16.37	16.27	16.22		
1.4	256QAM	3	3	16.27	16.27	16.21		
1.4	256QAM	6	0	16.12	15.95	16.01	17.5	5

Band 4 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.60	21.64	21.55	22.5	0
20	QPSK	1	49	21.46	21.42	21.52		
20	QPSK	1	99	21.44	21.42	21.34		
20	QPSK	50	0	20.48	20.67	20.44	21.5	1
20	QPSK	50	24	20.35	20.48	20.48		
20	QPSK	50	50	20.35	20.44	20.39		
20	QPSK	100	0	20.52	20.55	20.52		
20	16QAM	1	0	20.33	20.52	20.41	21.5	1
20	16QAM	1	49	20.14	20.29	20.50		
20	16QAM	1	99	20.32	20.18	20.16		
20	16QAM	50	0	19.40	19.54	19.52	20.5	2
20	16QAM	50	24	19.30	19.58	19.46		
20	16QAM	50	50	19.43	19.54	19.38		
20	16QAM	100	0	19.62	19.61	19.57		
20	64QAM	1	0	19.47	19.36	19.35	20.5	2
20	64QAM	1	49	19.15	19.24	19.39		
20	64QAM	1	99	19.35	19.20	19.09		
20	64QAM	50	0	18.52	18.66	18.57	19.5	3
20	64QAM	50	24	18.36	18.37	18.62		
20	64QAM	50	50	18.34	18.45	18.30		
20	64QAM	100	0	18.59	18.61	18.52		
20	256QAM	1	0	16.59	16.64	16.54	17.5	5
20	256QAM	1	49	16.27	16.39	16.59		
20	256QAM	1	99	16.45	16.51	16.20		
20	256QAM	50	0	16.63	16.53	16.57	17.5	5
20	256QAM	50	24	16.45	16.38	16.50		
20	256QAM	50	50	16.40	16.31	16.50		
20	256QAM	100	0	16.31	16.10	16.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.48	21.56	21.43	22.5	0
15	QPSK	1	37	21.40	21.32	21.35		
15	QPSK	1	74	21.30	21.40	21.28		
15	QPSK	36	0	20.35	20.63	20.42	21.5	1
15	QPSK	36	20	20.23	20.45	20.45		
15	QPSK	36	39	20.24	20.46	20.37		
15	QPSK	75	0	20.40	20.55	20.51		
15	16QAM	1	0	20.27	20.42	20.31	21.5	1
15	16QAM	1	37	20.03	20.19	20.36		
15	16QAM	1	74	20.23	20.05	20.07		
15	16QAM	36	0	19.26	19.50	19.37	20.5	2
15	16QAM	36	20	19.27	19.58	19.39		
15	16QAM	36	39	19.33	19.51	19.30		
15	16QAM	75	0	19.47	19.60	19.54		
15	64QAM	1	0	19.40	19.26	19.21	20.5	2
15	64QAM	1	37	19.14	19.16	19.35		
15	64QAM	1	74	19.34	19.11	19.06		
15	64QAM	36	0	18.51	18.54	18.50	19.5	3
15	64QAM	36	20	18.26	18.46	18.50		
15	64QAM	36	39	18.30	18.32	18.20		
15	64QAM	75	0	18.58	18.53	18.50		
15	256QAM	1	0	16.45	16.50	16.50	17.5	5
15	256QAM	1	37	16.14	16.31	16.57		
15	256QAM	1	74	16.39	16.37	16.46		
15	256QAM	36	0	16.56	16.39	16.47	17.5	5
15	256QAM	36	20	16.39	16.32	16.36		
15	256QAM	36	39	16.38	16.26	16.48		
15	256QAM	75	0	16.20	16.08	16.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.35	21.45	21.34	22.5	0
10	QPSK	1	25	21.34	21.19	21.36		
10	QPSK	1	49	21.25	21.32	21.19		
10	QPSK	25	0	20.34	20.50	20.37	21.5	1
10	QPSK	25	12	20.15	20.36	20.32		
10	QPSK	25	25	20.15	20.34	20.31		
10	QPSK	50	0	20.30	20.52	20.48		
10	16QAM	1	0	20.19	20.32	20.24	21.5	1
10	16QAM	1	25	19.91	20.19	20.28		
10	16QAM	1	49	20.09	19.90	20.04		
10	16QAM	25	0	19.20	19.45	19.31	20.5	2
10	16QAM	25	12	19.26	19.57	19.29		
10	16QAM	25	25	19.18	19.43	19.24		
10	16QAM	50	0	19.43	19.45	19.48		
10	64QAM	1	0	19.27	19.25	19.06	20.5	2
10	64QAM	1	25	19.13	19.05	19.26		
10	64QAM	1	49	19.27	18.99	18.93		
10	64QAM	25	0	18.49	18.51	18.47	19.5	3
10	64QAM	25	12	18.17	18.13	18.40		
10	64QAM	25	25	18.16	18.25	18.16		
10	64QAM	50	0	18.53	18.43	18.45		
10	256QAM	1	0	16.34	16.39	16.39	17.5	5
10	256QAM	1	25	16.13	16.17	16.43		
10	256QAM	1	49	16.26	16.27	16.40		
10	256QAM	25	0	16.42	16.24	16.41	17.5	5
10	256QAM	25	12	16.26	16.22	16.25		
10	256QAM	25	25	16.33	16.19	16.33		
10	256QAM	50	0	16.18	16.00	16.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.45	21.39	21.33	22.5	0
5	QPSK	1	12	21.26	21.20	21.29		
5	QPSK	1	24	21.18	21.32	21.08		
5	QPSK	12	0	20.19	20.46	20.36	21.5	1
5	QPSK	12	7	20.15	20.30	20.23		
5	QPSK	12	13	19.98	20.24	20.19		
5	QPSK	25	0	20.34	20.42	20.44		
5	16QAM	1	0	20.22	20.16	20.22	21.5	1
5	16QAM	1	12	19.93	20.02	20.27		
5	16QAM	1	24	20.16	19.85	19.96		
5	16QAM	12	0	19.17	19.40	19.25	20.5	2
5	16QAM	12	7	19.00	19.34	19.18		
5	16QAM	12	13	19.16	19.11	19.11		
5	16QAM	25	0	19.39	19.55	19.35		
5	64QAM	1	0	19.33	19.12	19.02	20.5	2
5	64QAM	1	12	19.01	19.11	19.35		
5	64QAM	1	24	19.16	18.98	18.89		
5	64QAM	12	0	18.34	18.51	18.34	19.5	3
5	64QAM	12	7	18.11	18.06	18.29		
5	64QAM	12	13	18.23	18.13	18.14		
5	64QAM	25	0	18.48	18.36	18.26		
5	256QAM	1	0	16.20	16.38	16.26	17.5	5
5	256QAM	1	12	16.16	16.07	16.43		
5	256QAM	1	24	16.36	16.16	16.30		
5	256QAM	12	0	16.38	16.16	16.34	17.5	5
5	256QAM	12	7	16.28	16.18	16.16		
5	256QAM	12	13	16.22	16.19	16.26		
5	256QAM	25	0	16.07	15.81	15.92		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.32	21.30	21.31	22.5	0
3	QPSK	1	8	21.16	21.09	21.23		
3	QPSK	1	14	21.14	21.22	21.01		
3	QPSK	8	0	20.16	20.32	20.27	21.5	1
3	QPSK	8	4	20.09	20.21	20.17		
3	QPSK	8	7	19.90	20.10	20.17		
3	QPSK	15	0	20.32	20.42	20.42		
3	16QAM	1	0	20.09	20.08	20.13	21.5	1
3	16QAM	1	8	19.84	19.96	20.23		
3	16QAM	1	14	20.11	19.79	19.96		
3	16QAM	8	0	19.06	19.27	19.23	20.5	2
3	16QAM	8	4	18.93	19.20	19.18		
3	16QAM	8	7	19.03	19.42	19.10		
3	16QAM	15	0	19.30	19.46	19.33		
3	64QAM	1	0	19.30	19.01	18.92	20.5	2
3	64QAM	1	8	18.94	19.08	19.28		
3	64QAM	1	14	19.02	18.97	18.88		
3	64QAM	8	0	18.21	18.41	18.21	19.5	3
3	64QAM	8	4	18.02	18.05	18.23		
3	64QAM	8	7	18.11	18.09	18.35		
3	64QAM	15	0	18.38	18.28	18.20		
3	256QAM	1	0	16.08	16.33	16.23	17.5	5
3	256QAM	1	8	16.02	15.96	16.37		
3	256QAM	1	14	16.21	16.12	16.21		
3	256QAM	8	0	16.35	16.05	16.27	17.5	5
3	256QAM	8	4	16.15	16.17	16.08		
3	256QAM	8	7	16.14	16.09	16.25		
3	256QAM	15	0	16.03	15.76	15.92		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.38	21.35	21.37	22.5	0
1.4	QPSK	1	3	21.33	21.22	21.33		
1.4	QPSK	1	5	21.30	21.30	21.01		
1.4	QPSK	3	0	21.21	21.09	21.30		
1.4	QPSK	3	1	21.14	21.25	21.10		
1.4	QPSK	3	3	21.11	21.14	21.15		
1.4	QPSK	6	0	20.36	20.43	20.26	21.5	1
1.4	16QAM	1	0	20.22	20.19	20.17	21.5	1
1.4	16QAM	1	3	20.05	20.29	20.21		
1.4	16QAM	1	5	20.20	19.95	19.95		
1.4	16QAM	3	0	20.08	19.99	20.11		
1.4	16QAM	3	1	20.03	19.99	20.04		
1.4	16QAM	3	3	20.26	19.86	20.00		
1.4	16QAM	6	0	19.37	19.48	19.35	20.5	2
1.4	64QAM	1	0	19.22	19.13	19.06	20.5	2
1.4	64QAM	1	3	18.86	18.89	19.33		
1.4	64QAM	1	5	19.17	19.03	19.01		
1.4	64QAM	3	0	19.07	19.01	19.10		
1.4	64QAM	3	1	18.80	18.92	19.05		
1.4	64QAM	3	3	19.03	18.88	18.96		
1.4	64QAM	6	0	18.43	18.46	18.28	19.5	3
1.4	256QAM	1	0	16.24	16.33	16.44	17.5	5
1.4	256QAM	1	3	16.22	16.23	16.34		
1.4	256QAM	1	5	16.26	16.30	16.05		
1.4	256QAM	3	0	16.39	16.51	16.33		
1.4	256QAM	3	1	16.36	16.16	16.18		
1.4	256QAM	3	3	16.15	16.15	16.18		
1.4	256QAM	6	0	16.04	15.90	15.98	17.5	5

Band 5 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.25	23.30	23.23	24	0
10	QPSK	1	25	23.12	23.11	23.05		
10	QPSK	1	49	23.08	23.14	23.16		
10	QPSK	25	0	22.17	22.26	22.24	23	1
10	QPSK	25	12	22.10	22.05	22.14		
10	QPSK	25	25	22.21	22.11	22.17		
10	QPSK	50	0	22.11	22.05	22.02		
10	16QAM	1	0	21.95	22.03	22.15	23	1
10	16QAM	1	25	21.87	21.94	21.99		
10	16QAM	1	49

Band 25 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.65	21.69	21.61	22.5	0
20	QPSK	1	49	21.47	21.57	21.53		
20	QPSK	50	0	21.46	21.52	21.46		
20	QPSK	50	0	20.62	20.71	20.53	21.5	1
20	QPSK	50	24	20.41	20.53	20.57		
20	QPSK	50	50	20.49	20.52	20.40		
20	QPSK	100	0	20.61	20.66	20.58		
20	16QAM	1	0	20.47	20.53	20.49	21.5	1
20	16QAM	1	49	20.26	20.34	20.54		
20	16QAM	1	99	20.45	20.33	20.21		
20	16QAM	50	0	19.54	19.66	19.60	20.5	2
20	16QAM	50	24	19.44	19.59	19.61		
20	16QAM	50	50	19.57	19.55	19.49		
20	16QAM	100	0	19.70	19.67	19.83		
20	64QAM	1	0	19.49	19.46	19.42	20.5	2
20	64QAM	1	49	19.25	19.26	19.50		
20	64QAM	1	99	19.46	19.24	19.14		
20	64QAM	50	0	18.56	18.74	18.58	19.5	3
20	64QAM	50	24	18.38	18.51	18.66		
20	64QAM	50	50	18.47	18.55	18.33		
20	64QAM	100	0	18.60	18.70	18.61		
20	256QAM	1	0	16.63	16.65	16.58	17.5	5
20	256QAM	1	49	16.41	16.50	16.64		
20	256QAM	1	99	16.46	16.60	16.34		
20	256QAM	50	0	16.64	16.68	16.63	17.5	5
20	256QAM	50	24	16.54	16.44	16.51		
20	256QAM	50	50	16.43	16.36	16.53		
20	256QAM	100	0	16.40	16.24	16.18		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.62	21.56	21.48	22.5	0
15	QPSK	1	37	21.40	21.36	21.43		
15	QPSK	1	74	21.25	21.42	21.31		
15	QPSK	36	0	20.43	20.52	20.39	21.5	1
15	QPSK	36	20	20.23	20.46	20.48		
15	QPSK	36	39	20.31	20.39	20.35		
15	QPSK	75	0	20.52	20.60	20.44		
15	16QAM	1	0	20.31	20.44	20.29	21.5	1
15	16QAM	1	37	20.06	20.28	20.46		
15	16QAM	1	74	20.29	20.29	20.17		
15	16QAM	36	0	19.48	19.56	19.41	20.5	2
15	16QAM	36	20	19.24	19.56	19.44		
15	16QAM	36	39	19.53	19.52	19.37		
15	16QAM	75	0	19.61	19.52	19.53		
15	64QAM	1	0	19.30	19.26	19.28	20.5	2
15	64QAM	1	37	19.22	19.09	19.39		
15	64QAM	1	74	19.26	19.03	18.95		
15	64QAM	36	0	18.36	18.55	18.54	19.5	3
15	64QAM	36	20	18.19	18.48	18.48		
15	64QAM	36	39	18.28	18.45	18.15		
15	64QAM	75	0	18.53	18.59	18.53		
15	256QAM	1	0	16.58	16.51	16.39	17.5	5
15	256QAM	1	37	16.34	16.37	16.55		
15	256QAM	1	74	16.37	16.49	16.15		
15	256QAM	36	0	16.52	16.56	16.49	17.5	5
15	256QAM	36	20	16.50	16.41	16.44		
15	256QAM	36	39	16.27	16.30	16.49		
15	256QAM	75	0	16.36	16.05	16.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.58	21.58	21.49	22.5	0
10	QPSK	1	25	21.30	21.44	21.34		
10	QPSK	1	49	21.40	21.32	21.42		
10	QPSK	25	0	20.42	20.62	20.40	21.5	1
10	QPSK	25	12	20.24	20.38	20.48		
10	QPSK	25	25	20.37	20.36	20.25		
10	QPSK	50	0	20.56	20.51	20.51		
10	16QAM	1	0	20.33	20.37	20.46	21.5	1
10	16QAM	1	25	20.21	20.25	20.36		
10	16QAM	1	49	20.25	20.29	20.04		
10	16QAM	25	0	19.49	19.56	19.54	20.5	2
10	16QAM	25	12	19.41	19.52	19.45		
10	16QAM	25	25	19.37	19.37	19.36		
10	16QAM	50	0	19.50	19.54	19.45		
10	64QAM	1	0	19.41	19.29	19.32	20.5	2
10	64QAM	1	25	19.12	19.14	19.43		
10	64QAM	1	49	19.30	19.05	19.10		
10	64QAM	25	0	18.39	18.71	18.49	19.5	3
10	64QAM	25	12	18.32	18.44	18.58		
10	64QAM	25	25	18.38	18.48	18.25		
10	64QAM	50	0	18.44	18.50	18.49		
10	256QAM	1	0	16.44	16.60	16.39	17.5	5
10	256QAM	1	25	16.32	16.38	16.58		
10	256QAM	1	49	16.42	16.57	16.19		
10	256QAM	25	0	16.45	16.60	16.51	17.5	5
10	256QAM	25	12	16.39	16.27	16.48		
10	256QAM	25	25	16.30	16.25	16.47		
10	256QAM	50	0	16.34	16.08	16.00		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.45	21.54	21.57	22.5	0
5	QPSK	1	12	21.34	21.39	21.49		
5	QPSK	1	24	21.26	21.45	21.41		
5	QPSK	12	0	20.46	20.60	20.49	21.5	1
5	QPSK	12	7	20.20	20.39	20.48		
5	QPSK	12	13	20.38	20.49	20.34		
5	QPSK	25	0	20.47	20.57	20.51		
5	16QAM	1	0	20.40	20.40	20.36	21.5	1
5	16QAM	1	12	20.05	20.26	20.46		
5	16QAM	1	24	20.30	20.21	20.14		
5	16QAM	12	0	19.37	19.50	19.46	20.5	2
5	16QAM	12	7	19.40	19.46	19.42		
5	16QAM	12	13	19.52	19.36	19.35		
5	16QAM	25	0	19.53	19.59	19.60		
5	64QAM	1	0	19.33	19.28	19.32	20.5	2
5	64QAM	1	12	19.20	19.07	19.44		
5	64QAM	1	24	19.41	19.05	19.08		
5	64QAM	12	0	18.38	18.63	18.39	19.5	3
5	64QAM	12	7	18.30	18.32	18.57		
5	64QAM	12	13	18.28	18.44	18.22		
5	64QAM	25	0	18.56	18.65	18.52		
5	256QAM	1	0	16.49	16.47	16.45	17.5	5
5	256QAM	1	12	16.27	16.42	16.46		
5	256QAM	1	24	16.38	16.41	16.23		
5	256QAM	12	0	16.57	16.56	16.55	17.5	5
5	256QAM	12	7	16.47	16.32	16.40		
5	256QAM	12	13	16.36	16.23	16.35		
5	256QAM	25	0	16.27	16.12	16.04		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.95	21.04	21.07	22.5	0
3	QPSK	1	8	20.84	20.89	20.99		
3	QPSK	1	14	20.76	20.95	20.91		
3	QPSK	8	0	19.96	20.10	19.99	21.5	1
3	QPSK	8	4	19.70	19.89	19.98		
3	QPSK	8	7	19.88	19.99	19.84		
3	QPSK	15	0	19.97	20.07	20.01		
3	16QAM	1	0	19.90	19.90	19.86	21.5	1
3	16QAM	1	8	19.55	19.76	19.96		
3	16QAM	1	14	19.80	19.71	19.64		
3	16QAM	8	0	18.87	19.00	18.96	20.5	2
3	16QAM	8	4	18.90	18.96	18.92		
3	16QAM	8	7	19.02	18.86	18.85		
3	16QAM	15	0	19.03	19.09	19.10		
3	64QAM	1	0	18.83	18.76	18.82	20.5	2
3	64QAM	1	8	18.70	18.57	18.94		
3	64QAM	1	14	18.91	18.55	18.58		
3	64QAM	8	0	17.88	18.13	17.89	19.5	3
3	64QAM	8	4	17.80	17.82	18.07		
3	64QAM	8	7	17.78	17.94	17.72		
3	64QAM	15	0	18.06	18.15	18.02		
3	256QAM	1	0	15.99	15.97	15.95	17.5	5
3	256QAM	1	8	15.77	15.92	15.96		
3	256QAM	1	14	15.88	15.91	15.73		
3	256QAM	8	0	16.07	16.06	16.05	17.5	5
3	256QAM	8	4	15.97	15.82	15.90		
3	256QAM	8	7	15.86	15.73	15.85		
3	256QAM	15	0	15.77	15.62	15.54		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.51	21.51	21.50	22.5	0
1.4	QPSK	1	3	21.42	21.48	21.42		
1.4	QPSK	1	5	21.36	21.41	21.26		
1.4	QPSK	3	0	21.31	21.34	21.42		
1.4	QPSK	3	1	21.30	21.42	21.26		
1.4	QPSK	3	3	21.32	21.22	21.23		
1.4	QPSK	6	0	20.44	20.52	20.39	21.5	1
1.4	16QAM	1	0	20.40	20.33	20.30	21.5	1
1.4	16QAM	1	3	20.23	20.31	20.37		
1.4	16QAM	1	5	20.38	20.17	20.15		
1.4	16QAM	3	0	20.28	20.20	20.26		
1.4	16QAM	3	1	20.12	20.19	20.31		
1.4	16QAM	3	3	20.35	20.10	20.09		
1.4	16QAM	6	0	19.63	19.62	19.52	20.5	2
1.4	64QAM	1	0	19.32	19.30	19.28	20.5	2
1.4	64QAM	1	3	19.08	19.15	19.38		
1.4	64QAM	1	5	19.34	19.16	19.10		
1.4	64QAM	3	0	19.29	19.13	19.18		
1.4	64QAM	3	1	18.97	18.97	19.24		
1.4	64QAM	3	3	19.26	19.04	19.00		
1.4	64QAM	6	0	18.53	18.59	18.40	19.5	3
1.4	256QAM	1	0	16.42	16.56	16.54	17.5	5
1.4	256QAM	1	3	16.32	16.31	16.44		
1.4	256QAM	1	5	16.31	16.40	16.20		
1.4	256QAM	3	0	16.60	16.63	16.49		
1.4	256QAM	3	1	16.38	16.35	16.30		
1.4	256QAM	3	3	16.27	16.31	16.36		
1.4	256QAM	6	0	16.22	16.06	16.04	17.5	5

Band 26 Ant 4 Full power

BW [MHz]	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	21.80	21.86	21.78	23	0
15	QPSK	1	37	21.62	21.83	21.65		
15	QPSK	1	74	21.59	21.82	21.65		
15	QPSK	36	0	20.81	20.92	20.72	22	1
15	QPSK	36	20	20.53	20.85	20.58		
15	QPSK	36	39	20.62	20.89	20.73		
15	QPSK	75	0	20.81	20.98	20.79		
15	16QAM	1	0	20.63	20.84	20.58	22	1
15	16QAM	1	37	20.66	20.68	20.59		
15	16QAM	1	74	20.60	20.79	20.49		
15	16QAM	36	0	19.81	19.93	19.79	21	2
15	16QAM	36	20	19.53	19.93	19.49		
15	16QAM	36	39	19.56	19.97	19.80		
15	16QAM	75	0	19.73	19.94	19.76		
15	64QAM	1	0	19.68	19.84	19.51	21	2
15	64QAM	1	37	19.52	19.66	19.60		
15	64QAM	1	74	19.63	19.77	19.48		
15	64QAM	36	0	18.87	18.90	18.71	20	3
15	64QAM	36	20	18.53	18.92	18.60		
15	64QAM	36	39	18.57	18.96	18.78		
15	64QAM	75	0	18.73	18.82	18.82		
15	256QAM	1	0	16.89	16.96	16.66	18	5
15	256QAM	1	37	16.51	16.82	16.64		
15	256QAM	1	74	16.71	16.91	16.67		
15	256QAM	36	0	16.81	16.92	16.85	18	5
15	256QAM	36	20	16.68	16.77	16.63		
15	256QAM	36	39	16.63	16.71	16.59		
15	256QAM	75	0	16.36	16.82	16.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.68	21.67	23	0
10	QPSK	1	25	21.44	21.63	21.57		
10	QPSK	1	49	21.43	21.63	21.53		
10	QPSK	25	0	20.62	20.87	20.63	22	1
10	QPSK	25	12	20.44	20.74	20.51		
10	QPSK	25	25	20.58	20.74	20.66		
10	QPSK	50	0	20.62	20.76	20.68		
10	16QAM	1	0	20.41	20.70	20.43	22	1
10	16QAM	1	25	20.29	20.56	20.28		
10	16QAM	1	49	20.34	20.58	20.43		
10	16QAM	25	0	19.69	19.74	19.63	21	2
10	16QAM	25	12	19.63	19.84	19.42		
10	16QAM	25	25	19.44	19.81	19.63		
10	16QAM	50	0	19.60	19.79	19.62		
10	64QAM	1	0	19.46	19.64	19.41	21	2
10	64QAM	1	25	19.47	19.55	19.39		
10	64QAM	1	49	19.56	19.71	19.33		
10	64QAM	25	0	18.80	18.70	18.54	20	3
10	64QAM	25	12	18.46	18.84	18.54		
10	64QAM	25	25	18.39	18.88	18.64		
10	64QAM	50	0	18.66	18.74	18.72		
10	256QAM	1	0	16.70	16.81	16.50	18	5
10	256QAM	1	25	16.46	16.68	16.43		
10	256QAM	1	49	16.60	16.86	16.53		
10	256QAM	25	0	16.76	16.85	16.69	18	5
10	256QAM	25	12	16.64	16.58	16.46		
10	256QAM	25	25	16.51	16.80	16.53		
10	256QAM	50	0	16.18	16.67	16.35		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.74	21.57	23	0
5	QPSK	1	12	21.45	21.63	21.52		
5	QPSK	1	24	21.49	21.64	21.46		
5	QPSK	12	0	20.65	20.87	20.57	22	1
5	QPSK	12	7	20.61	20.73	20.53		
5	QPSK	12	13	20.57	20.76	20.68		
5	QPSK	25	0	20.72	20.66	20.75		
5	16QAM	1	0	20.45	20.65	20.42	22	1
5	16QAM	1	12	20.28	20.57	20.38		
5	16QAM	1	24	20.33	20.75	20.34		
5	16QAM	12	0	19.62	19.76	19.65	21	2
5	16QAM	12	7	19.41	19.81	19.60		
5	16QAM	12	13	19.41	19.85	19.65		
5	16QAM	25	0	19.57	19.74	19.61		
5	64QAM	1	0	19.59	19.66	19.33	21	2
5	64QAM	1	12	19.32	19.61	19.48		
5	64QAM	1	24	19.55	19.68	19.40		
5	64QAM	12	0	18.67	18.70	18.58	20	3
5	64QAM	12	7	18.57	18.78	18.55		
5	64QAM	12	13	18.41	18.88	18.59		
5	64QAM	25	0	18.55	18.74	18.70		
5	256QAM	1	0	16.79	16.85	16.51	18	5
5	256QAM	1	12	16.43	16.74	16.60		
5	256QAM	1	24	16.60	16.83	16.54		
5	256QAM	12	0	16.75	16.85	16.71	18	5
5	256QAM	12	7	16.50	16.76	16.42		
5	256QAM	12	13	16.47	16.62	16.52		
5	256QAM	25	0	16.30	16.61	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.64	21.72	23	0
3	QPSK	1	8	21.54	21.78	21.45		
3	QPSK	1	14	21.41	21.63	21.45		
3	QPSK	8	0	20.65	20.73	20.57	22	1
3	QPSK	8	4	20.37	20.71	20.52		
3	QPSK	8	7	20.47	20.74	20.53		
3	QPSK	15	0	20.63	20.68	20.60		
3	16QAM	1	0	20.48	20.69	20.42	22	1
3	16QAM	1	8	20.39	20.49	20.32		
3	16QAM	1	14	20.35	20.67	20.41		
3	16QAM	8	0	19.59	19.77	19.74	21	2
3	16QAM	8	4	19.67	19.88	19.43		
3	16QAM	8	7	19.68	19.77	19.75		
3	16QAM	15	0	19.67	19.77	19.68		
3	64QAM	1	0	19.61	19.77	19.44	21	2
3	64QAM	1	8	19.40	19.62	19.41		
3	64QAM	1	14	19.46	19.59	19.29		
3	64QAM	8	0	18.76	18.85	18.64	20	3
3	64QAM	8	4	18.64	18.74	18.52		
3	64QAM	8	7	18.41	18.80	18.65		
3	64QAM	15	0	18.56	18.65	18.67		
3	256QAM	1	0	16.74	16.77	16.53	18	5
3	256QAM	1	8	16.36	16.77	16.47		
3	256QAM	1	14	16.53	16.74	16.48		
3	256QAM	8	0	16.66	16.76	16.72	18	5
3	256QAM	8	4	16.52	16.60	16.48		
3	256QAM	8	7	16.54	16.64	16.48		
3	256QAM	15	0	16.32	16.64	16.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.70	21.64	21.60	23	0
1.4	QPSK	1	3	21.52	21.66	21.53		
1.4	QPSK	1	5	21.47	21.63	21.55		
1.4	QPSK	3	0	21.52	21.76	21.45		
1.4	QPSK	3	1	21.46	21.54	21.47		
1.4	QPSK	3	3	21.28	21.48	21.38		
1.4	QPSK	6	0	20.61	20.69	20.72	22	1
1.4	16QAM	1	0	20.53	20.67	20.52	22	1
1.4	16QAM	1	3	20.42	20.58	20.41		
1.4	16QAM	1	5	20.40	20.64	20.40		
1.4	16QAM	3	0	20.36	20.50	20.47		
1.4	16QAM	3	1	20.22	20.54	20.42		
1.4	16QAM	3	3	20.51	20.54	20.28		
1.4	16QAM	6	0	19.62	19.80	19.60	21	2
1.4	64QAM	1	0	19.51	19.65	19.45	21	2
1.4	64QAM	1	3	19.40	19.64	19.40		
1.4	64QAM	1	5	19.46	19.56	19.43		
1.4	64QAM	3	0	19.45	19.59	19.30		
1.4	64QAM	3	1	19.15	19.36	19.20		
1.4	64QAM	3	3	19.25	19.48	19.23		
1.4	64QAM	6	0	18.54	18.61	18.69	20	3
1.4	256QAM	1	0	16.70	16.82	16.47	18	5
1.4	256QAM	1	3	16.36	16.69	16.56		
1.4	256QAM	1	5	16.64	16.75	16.59		
1.4	256QAM	3	0	16.75	16.87	16.75		
1.4	256QAM	3	1	16.56	16.69	16.50		
1.4	256QAM	3	3	16.46	16.54	16.42		
1.4	256QAM	6	0	16.31	16.67	16.37	18	5

Band 66 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132020	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.66	21.59	22.5	0
20	QPSK	1	49	21.40	21.52	21.46		
20	QPSK	1	99	21.32	21.37	21.40		
20	QPSK	50	0	20.50	20.70	20.44	21.5	1
20	QPSK	50	24	20.30	20.44	20.55		
20	QPSK	50	50	20.41	20.42	20.35		
20	QPSK	100	0	20.60	20.56	20.45		
20	16QAM	1	0	20.40	20.41	20.46	21.5	1
20	16QAM	1	49	20.22	20.26	20.40		
20	16QAM	1	99	20.39	20.33	20.07		
20	16QAM	50	0	19.44	19.63	19.54	20.5	2
20	16QAM	50	24	19.39	19.57	19.54		
20	16QAM	50	50	19.50	19.48	19.39		
20	16QAM	100	0	19.65	19.62	19.60		
20	64QAM	1	0	19.47	19.40	19.39	20.5	2
20	64QAM	1	49	19.16	19.19	19.36		
20	64QAM	1	99	19.37	19.21	19.12		
20	64QAM	50	0	18.50	18.63	18.44	19.5	3
20	64QAM	50	24	18.37	18.37	18.55		
20	64QAM	50	50	18.43	18.53	18.24		
20	64QAM	100	0	18.51	18.67	18.56		
20	256QAM	1	0	16.49	16.60	16.52	17.5	5
20	256QAM	1	49	16.32	16.50	16.49		
20	256QAM	1	99	16.34	16.53	16.27		
20	256QAM	50	0	16.52	16.63	16.54	17.5	5
20	256QAM	50	24	16.50	16.40	16.36		
20	256QAM	50	50	16.29	16.30	16.41		
20	256QAM	100	0	16.27	16.23	16.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.32	21.49	21.45	22.5	0
15	QPSK	1	37	21.26	21.29	21.25		
15	QPSK	1	74	21.12	21.16	21.29		
15	QPSK	36	0	20.34	20.47	20.20	21.5	1
15	QPSK	36	20	20.14	20.24	20.36		
15	QPSK	36	39	20.16	20.27	20.12		
15	QPSK	75	0	20.49	20.31	20.26		
15	16QAM	1	0	20.21	20.25	20.26	21.5	1
15	16QAM	1	37	19.98	20.02	20.24		
15	16QAM	1	74	20.18	20.21	19.95		
15	16QAM	36	0	19.25	19.52	19.36	20.5	2
15	16QAM	36	20

Band 38 Ant 1 Full power

BW [MHz]	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	22.85	22.89	22.82	24	0
20	QPSK	1	49	22.79	22.83	22.65		
20	QPSK	1	99	22.77	22.77	22.71		
20	QPSK	50	0	21.89	21.92	21.77	23	1
20	QPSK	50	24	21.87	21.81	21.67		
20	QPSK	50	50	21.82	21.76	21.77		
20	QPSK	100	0	21.71	21.80	21.66		
20	16QAM	1	0	21.79	21.75	21.57	23	1
20	16QAM	1	49	21.79	21.70	21.59		
20	16QAM	1	99	21.71	21.63	21.64		
20	16QAM	50	0	20.97	20.99	20.80	22	2
20	16QAM	50	24	20.84	20.82	20.66		
20	16QAM	50	50	20.76	20.69	20.78		
20	16QAM	100	0	20.79	20.78	20.69		
20	64QAM	1	0	20.84	20.82	20.61	22	2
20	64QAM	1	49	20.77	20.65	20.65		
20	64QAM	1	99	20.68	20.65	20.69		
20	64QAM	50	0	19.83	19.88	19.76	21	3
20	64QAM	50	24	19.89	19.84	19.61		
20	64QAM	50	50	19.77	19.83	19.78		
20	64QAM	100	0	19.68	19.75	19.74		
20	256QAM	1	0	17.96	17.89	17.83	19	5
20	256QAM	1	49	17.80	17.86	17.60		
20	256QAM	1	99	17.87	17.73	17.80		
20	256QAM	50	0	17.66	17.82	17.72	19	5
20	256QAM	50	24	17.74	17.82	17.58		
20	256QAM	50	50	17.71	17.70	17.64		
20	256QAM	100	0	17.71	17.55	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.74	22.72	22.78	24	0
15	QPSK	1	37	22.64	22.77	22.57		
15	QPSK	1	74	22.56	22.66	22.52		
15	QPSK	36	0	21.71	21.75	21.66	23	1
15	QPSK	36	20	21.76	21.65	21.48		
15	QPSK	36	39	21.75	21.72	21.67		
15	QPSK	75	0	21.66	21.70	21.49		
15	16QAM	1	0	21.74	21.56	21.48	23	1
15	16QAM	1	37	21.58	21.56	21.40		
15	16QAM	1	74	21.57	21.52	21.49		
15	16QAM	36	0	20.93	20.90	20.74	22	2
15	16QAM	36	20	20.69	20.74	20.49		
15	16QAM	36	39	20.63	20.49	20.69		
15	16QAM	75	0	20.63	20.73	20.65		
15	64QAM	1	0	20.75	20.71	20.43	22	2
15	64QAM	1	37	20.67	20.53	20.49		
15	64QAM	1	74	20.62	20.56	20.48		
15	64QAM	36	0	19.71	19.73	19.69	21	3
15	64QAM	36	20	19.84	19.80	19.46		
15	64QAM	36	39	19.69	19.71	19.69		
15	64QAM	75	0	19.51	19.59	19.66		
15	256QAM	1	0	17.76	17.82	17.69	19	5
15	256QAM	1	37	17.71	17.71	17.48		
15	256QAM	1	74	17.82	17.53	17.65		
15	256QAM	36	0	17.48	17.62	17.59	19	5
15	256QAM	36	20	17.67	17.77	17.44		
15	256QAM	36	39	17.61	17.68	17.58		
15	256QAM	75	0	17.58	17.46	17.41		
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.71	22.70	22.75	24	0
10	QPSK	1	25	22.67	22.66	22.53		
10	QPSK	1	49	22.63	22.64	22.50		
10	QPSK	25	0	21.70	21.75	21.62	23	1
10	QPSK	25	12	21.78	21.65	21.46		
10	QPSK	25	25	21.76	21.70	21.67		
10	QPSK	50	0	21.67	21.70	21.52		
10	16QAM	1	0	21.66	21.69	21.52	23	1
10	16QAM	1	25	21.60	21.54	21.42		
10	16QAM	1	49	21.62	21.49	21.59		
10	16QAM	25	0	20.84	20.81	20.68	22	2
10	16QAM	25	12	20.75	20.72	20.47		
10	16QAM	25	25	20.59	20.65	20.62		
10	16QAM	50	0	20.74	20.68	20.64		
10	64QAM	1	0	20.68	20.75	20.56	22	2
10	64QAM	1	25	20.72	20.55	20.58		
10	64QAM	1	49	20.48	20.51	20.56		
10	64QAM	25	0	19.65	19.78	19.62	21	3
10	64QAM	25	12	19.85	19.66	19.53		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.65	19.58	19.70		
10	256QAM	1	0	17.87	17.78	17.73	19	5
10	256QAM	1	25	17.69	17.70	17.51		
10	256QAM	1	49	17.79	17.52	17.61		
10	256QAM	25	0	17.60	17.67	17.68	19	5
10	256QAM	25	12	17.58	17.78	17.52		
10	256QAM	25	25	17.64	17.61	17.60		
10	256QAM	50	0	17.62	17.44	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.76	22.73	22.61	24	0
5	QPSK	1	12	22.61	22.73	22.61		
5	QPSK	1	24	22.72	22.65	22.57		
5	QPSK	12	0	21.71	21.78	21.62	23	1
5	QPSK	12	7	21.69	21.68	21.64		
5	QPSK	12	13	21.71	21.66	21.69		
5	QPSK	25	0	21.66	21.68	21.54		
5	16QAM	1	0	21.68	21.66	21.42	23	1
5	16QAM	1	12	21.64	21.66	21.55		
5	16QAM	1	24	21.64	21.58	21.59		
5	16QAM	12	0	20.84	20.92	20.61	22	2
5	16QAM	12	7	20.76	20.69	20.54		
5	16QAM	12	13	20.56	20.60	20.70		
5	16QAM	25	0	20.76	20.75	20.58		
5	64QAM	1	0	20.65	20.65	20.50	22	2
5	64QAM	1	12	20.58	20.58	20.55		
5	64QAM	1	24	20.61	20.45	20.62		
5	64QAM	12	0	19.80	19.78	19.66	21	3
5	64QAM	12	7	19.70	19.65	19.46		
5	64QAM	12	13	19.59	19.78	19.61		
5	64QAM	25	0	19.53	19.62	19.70		
5	256QAM	1	0	17.79	17.83	17.78	19	5
5	256QAM	1	12	17.68	17.67	17.54		
5	256QAM	1	24	17.80	17.58	17.72		
5	256QAM	12	0	17.58	17.75	17.57	19	5
5	256QAM	12	7	17.67	17.68	17.51		
5	256QAM	12	13	17.59	17.67	17.50		
5	256QAM	25	0	17.58	17.52	17.44		

Band 41 Ant 1 Full power

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	22.87	22.85	22.93	22.84	22.79	24	0
20	QPSK	1	49	22.69	22.74	22.90	22.80	22.69		
20	QPSK	1	99	22.78	22.66	22.78	22.80	22.74		
20	QPSK	50	0	21.89	21.80	21.91	21.91	21.83	23	1
20	QPSK	50	24	21.70	21.73	21.89	21.84	21.74		
20	QPSK	50	50	21.69	21.69	21.86	21.89	21.66		
20	QPSK	100	0	21.78	21.79	21.85	21.81	21.73		
20	16QAM	1	0	21.82	21.65	21.83	21.75	21.64	23	1
20	16QAM	1	49	21.57	21.61	21.77	21.67	21.62		
20	16QAM	1	99	21.56	21.56	21.78	21.68	21.56		
20	16QAM	50	0	20.81	20.74	20.94	20.91	20.81	22	2
20	16QAM	50	24	20.75	20.71	20.88	20.81	20.75		
20	16QAM	50	50	20.74	20.61	20.87	20.88	20.61		
20	16QAM	100	0	20.74	20.72	20.84	20.82	20.81		
20	64QAM	1	0	20.74	20.58	20.90	20.80	20.70	22	2
20	64QAM	1	49	20.62	20.55	20.76	20.66	20.67		
20	64QAM	1	99	20.53	20.52	20.73	20.75	20.47		
20	64QAM	50	0	19.87	19.86	19.88	19.94	19.88	21	3
20	64QAM	50	24	19.62	19.77	19.97	19.86	19.78		
20	64QAM	50	50	19.61	19.75	19.77	19.81	19.57		
20	64QAM	100	0	19.74	19.80	19.78	19.78	19.71		
20	256QAM	1	0	17.91	17.82	17.86	17.87	17.90	19	5
20	256QAM	1	49	17.75	17.73	17.94	17.82	17.66		
20	256QAM	1	99	17.67	17.76	17.82	17.93	17.69		
20	256QAM	50	0	17.79	17.85	17.82	17.79	17.80	19	5
20	256QAM	50	24	17.77	17.59	17.84	17.81	17.59		
20	256QAM	50	50	17.50	17.62	17.78	17.61	17.66		
20	256QAM	100	0	17.49	17.47	17.73	17.60	17.51		
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	22.73	22.74	22.78	22.75	22.61	24.00	0
15	QPSK	1	37	22.65	22.67	22.83	22.67	22.48		
15	QPSK	1	74	22.63	22.61	22.69	22.70	22.61		
15	QPSK	36	0	21.81	21.72	21.80	21.82	21.66	23	1
15	QPSK	36	20	21.60	21.65	21.82	21.69	21.58		
15	QPSK	36	39	21.54	21.59	21.71	21.83	21.46		
15	QPSK	75	0	21.61	21.74	21.78	21.71	21.66		
15	16QAM	1	0	21.62	21.59	21.76	21.65	21.54	23	1
15	16QAM	1	37	21.51	21.44	21.68	21.53	21.52		
15	16QAM	1	74	21.44	21.42	21.64	21.49	21.48		
15	16QAM	36	0	20.68	20.62	20.75	20.76	20.64	22	2
15	16QAM	36	20	20.58	20.63	20.76	20.73	20.69		
15	16QAM	36	39	20.55	20.49	20.79	20.69	20.48		
15	16QAM	75	0	20.53	20.56	20.79	20.73	20.68		
15	64QAM	1	0	20.58	20.40	20.81	20.59	20.61	22	2
15	64QAM	1	37	20.44	20.50	20.68	20.46	20.57		
15	64QAM	1	74	20.48	20.37	20.64	20.58	20.32		
15	64QAM	36	0	19.83	19.79	19.76	19.74	19.71	21	3
15	64QAM	36	20	19.49	19.60	19.77	19.65	19.61		
15	64QAM	36	39	19.52	19.72	19.73	19.70	19.47		
15	64QAM	75	0	19.63	19.69	19.62	19.60	19.52		
15	256QAM	1	0	17.87	17.63	17.71	17.77	17.86	19	5
15	256QAM	1	37	17.58	17.61	17.87	17.61	17.58		
15	256QAM	1	74	17.51	17.62	17.63	17.78	17.54		
15	256QAM	36	0	17.68	17.81	17.68	17.72	17.60	19	5
15	256QAM	36	20	17.59	17.45	17.64	17.66	17.48		
15	256QAM	36	39	17.34	17.57	17.65	17.50	17.46		
15	256QAM	75	0	17.28	17.40	17.63	17.39	17.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.77	22.68	22.87	22.63	22.73	24.00	0
10	QPSK	1	25	22.63	22.60	22.77	22.62	22.63		
10	QPSK	1	49	22.70	22.63	22.68	22.72	22.61		
10	QPSK	25	0	21.77	21.65	21.78	21.80	21.69	23	1
10	QPSK	25	12	21.53	21.69	21.72	21.75	21.56		
10	QPSK	25	25	21.58	21.60	21.79	21.79	21.46		
10	QPSK	50	0	21.72	21.72	21.64	21.68	21.57		
10	16QAM	1	0	21.69	21.57	21.75	21.67	21.50	23	1
10	16QAM	1	25	21.54	21.58	21.73	21.63	21.56		
10	16QAM	1	49	21.37	21.50	21.68	21.64	21.46		
10	16QAM	25	0	20.78	20.65	20.84	20.75	20.61	22	2
10	16QAM	25	12	20.70	20.65	20.74	20.77	20.66		
10	16QAM	25	25	20.66	20.50	20.82	20.79	20.52		
10	16QAM	50	0	20.55	20.67	20.76	20.70	20.64		
10	64QAM	1	0	20.66	20.48	20.72	20.70	20.50	22	2
10	64QAM	1	25	20.50	20.45	20.65	20.59	20.53		
10	64QAM	1	49	20.47	20.44	20.64	20.59	20.42		
10	64QAM	25	0	19.69	19.78	19.79	19.87	19.70	21	3
10	64QAM	25	12	19.45	19.59	19.79	19.77	19.61		
10	64QAM	25	25	19.55	19.65	19.71	19.70	19.53		
10	64QAM	50	0	19.55	19.67	19.70	19.67	19.54		
10	256QAM	1	0	17.79	17.67	17.72	17.77	17.74	19	5
10	256QAM	1	25	17.66	17.54	17.80	17.67	17.51		
10	256QAM	1	49	17.64	17.56	17.64	17.75	17.55		
10	256QAM	25	0	17.68	17.65	17.66	17.74	17.67	19	5
10	256QAM	25	12	17.58	17.48	17.77	17.66	17.51		
10	256QAM	25	25	17.54	17.58	17.73	17.47	17.46		
10	256QAM	50	0	17.33	17.34	17.66	17.54	17.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.74	22.70	22.78	22.71	22.66	24.00	0
5	QPSK	1	12	22.51	22.67	22.72	22.63	22.57		
5	QPSK	1	24	22.70	22.51	22.73	22.73	22.70		
5	QPSK	12	0	21.71	21.68	21.72	21.85	21.63	23	1
5	QPSK	12	7	21.56	21.55	21.77	21.69	21.57		
5	QPSK	12	13	21.57	21.51	21.74	21.85	21.58		
5	QPSK	25	0	21.64	21.67	21.82	21.65	21.67		
5	16QAM	1	0	21.65	21.55	21.73	21.68	21.60	23	1
5	16QAM	1	12	21.40	21.48	21.65	21.54	21.46		
5	16QAM	1	24	21.52	21.52	21.66	21.63	21.36		
5	16QAM	12	0	20.71	20.61	20.74	20.74	20.69	22	2
5	16QAM	12	7	20.63	20.51	20.81	20.77	20.59		
5	16QAM	12	13	20.67	20.49	20.66	20.83	20.50		
5	16QAM	25	0	20.70	20.61	20.74	20.78	20.75		
5	64QAM	1	0	20.69	20.38	20.79	20.64	20.55	22	2
5	64QAM	1	12	20.61	20.48	20.63	20.60	20.64		
5	64QAM	1	24	20.39	20.46	20.59	20.60	20.41		
5	64QAM	12	0	19.76	19.78	19.78	19.81	19.68	21	3
5	64QAM	12	7	19.48	19.62	19.81	19.79	19.65		
5	64QAM	12	13	19.43	19.61	19.63	19.76	19.51		
5	64QAM	25	0	19.54	19.76	19.75	19.72	19.51		
5	256QAM	1	0	17.75	17.75	17.77	17.80	17.79	19	5
5	256QAM	1	12	17.57	17.62	17.74	17.65	17.59		
5	256QAM	1	24	17.46	17.64	17.64	17.83	17.54		
5	256QAM	12	0	17.64	17.79	17.71	17.73	17.76	19	5
5	256QAM	12	7	17.70	17.41	17.68	17.65	17.49		
5	256QAM	12	13	17.44	17.57	17.74	17.58	17.50		
5	256QAM	25	0	17.40	17.27	17.63	17.45	17.34		

Band 38 Ant 4 Full power

BW [MHz]	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	22.80	22.85	22.78	24	0
20	QPSK	1	49	22.72	22.80	22.63		
20	QPSK	1	99	22.77	22.76	22.58		
20	QPSK	50	0	21.72	21.84	21.77	23	1
20	QPSK	50	24	21.69	21.78	21.59		
20	QPSK	50	50	21.75	21.69	21.54		
20	QPSK	100	0	21.72	21.77	21.70		
20	16QAM	1	0	21.64	21.74	21.73	23	1
20	16QAM	1	49	21.51	21.72	21.41		
20	16QAM	1	99	21.66	21.51	21.46		
20	16QAM	50	0	20.76	20.83	20.71	22	2
20	16QAM	50	24	20.65	20.85	20.55		
20	16QAM	50	50	20.82	20.65	20.48		
20	16QAM	100	0	20.73	20.84	20.70		
20	64QAM	1	0	20.64	20.78	20.74	22	2
20	64QAM	1	49	20.43	20.70	20.49		
20	64QAM	1	99	20.59	20.57	20.40		
20	64QAM	50	0	19.73	19.84	19.76	21	3
20	64QAM	50	24	19.64	19.80	19.67		
20	64QAM	50	50	19.76	19.63	19.59		
20	64QAM	100	0	19.81	19.77	19.72		
20	256QAM	1	0	17.67	17.86	17.80	19	5
20	256QAM	1	49	17.73	17.75	17.62		
20	256QAM	1	99	17.71	17.66	17.49		
20	256QAM	50	0	17.75	17.83	17.77	19	5
20	256QAM	50	24	17.61	17.78	17.69		
20	256QAM	50	50	17.58	17.65	17.40		
20	256QAM	100	0	17.71	17.53	17.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.67	22.77	22.72	24	0
15	QPSK	1	37	22.52	22.70	22.45		
15	QPSK	1	74	22.60	22.63	22.49		
15	QPSK	36	0	21.53	21.65	21.72	23	1
15	QPSK	36	20	21.60	21.75	21.51		
15	QPSK	36	39	21.56	21.53	21.49		
15	QPSK	75	0	21.54	21.65	21.66		
15	16QAM	1	0	21.48	21.62	21.60	23	1
15	16QAM	1	37	21.44	21.62	21.35		
15	16QAM	1	74	21.47	21.39	21.40		
15	16QAM	36	0	20.71	20.74	20.68	22	2
15	16QAM	36	20	20.47	20.67	20.44		
15	16QAM	36	39	20.72	20.47	20.41		
15	16QAM	75	0	20.58	20.63	20.50		
15	64QAM	1	0	20.44	20.59	20.57	22	2
15	64QAM	1	37	20.32	20.61	20.41		
15	64QAM	1	74	20.54	20.38	20.21		
15	64QAM	36	0	19.53	19.71	19.56	21	3
15	64QAM	36	20	19.49	19.60	19.53		
15	64QAM	36	39	19.73	19.48	19.49		
15	64QAM	75	0	19.67	19.68	19.58		
15	256QAM	1	0	17.50	17.67	17.71	19	5
15	256QAM	1	37	17.52	17.63	17.56		
15	256QAM	1	74	17.55	17.48	17.41		
15	256QAM	36	0	17.63	17.80	17.68	19	5
15	256QAM	36	20	17.46	17.71	17.53		
15	256QAM	36	39	17.40	17.47	17.36		
15	256QAM	75	0	17.51	17.42	17.37		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.66	22.64	22.72	24	0
10	QPSK	1	25	22.52	22.77	22.55		
10	QPSK	1	49	22.60	22.72	22.44		
10	QPSK	25	0	21.59	21.79	21.69	23	1
10	QPSK	25	12	21.50	21.71	21.47		
10	QPSK	25	25	21.67	21.53	21.36		
10	QPSK	50	0	21.54	21.59	21.50		
10	16QAM	1	0	21.60	21.58	21.60	23	1
10	16QAM	1	25	21.31	21.62	21.30		
10	16QAM	1	49	21.49	21.35	21.37		
10	16QAM	25	0	20.56	20.63	20.66	22	2
10	16QAM	25	12	20.45	20.70	20.42		
10	16QAM	25	25	20.67	20.55	20.43		
10	16QAM	50	0	20.64	20.68	20.66		
10	64QAM	1	0	20.44	20.63	20.53	22	2
10	64QAM	1	25	20.24	20.61	20.43		
10	64QAM	1	49	20.49	20.49	20.20		
10	64QAM	25	0	19.59	19.65	19.66	21	3
10	64QAM	25	12	19.59	19.73	19.50		
10	64QAM	25	25	19.63	19.59	19.49		
10	64QAM	50	0	19.71	19.67	19.67		
10	256QAM	1	0	17.49	17.67	17.68	19	5
10	256QAM	1	25	17.55	17.54	17.44		
10	256QAM	1	49	17.65	17.55	17.45		
10	256QAM	25	0	17.56	17.77	17.73	19	5
10	256QAM	25	12	17.56	17.62	17.65		
10	256QAM	25	25	17.46	17.67	17.35		
10	256QAM	50	0	17.63	17.48	17.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.71	22.79	22.73	24	0
5	QPSK	1	12	22.69	22.68	22.53		
5	QPSK	1	24	22.60	22.66	22.45		
5	QPSK	12	0	21.60	21.77	21.67	23	1
5	QPSK	12	7	21.53	21.73	21.43		
5	QPSK	12	13	21.68	21.49	21.43		
5	QPSK	25	0	21.64	21.58	21.57		
5	16QAM	1	0	21.45	21.62	21.62	23	1
5	16QAM	1	12	21.40	21.56	21.30		
5	16QAM	1	24	21.53	21.39	21.39		
5	16QAM	12	0	20.69	20.79	20.68	22	2
5	16QAM	12	7	20.49	20.67	20.52		
5	16QAM	12	13	20.69	20.47	20.31		
5	16QAM	25	0	20.63	20.71	20.54		
5	64QAM	1	0	20.57	20.62	20.58	22	2
5	64QAM	1	12	20.35	20.53	20.45		
5	64QAM	1	24	20.46	20.38	20.27		
5	64QAM	12	0	19.59	19.65	19.69	21	3
5	64QAM	12	7	19.43	19.74	19.49		
5	64QAM	12	13	19.59	19.47	19.43		
5	64QAM	25	0	19.69	19.60	19.63		
5	256QAM	1	0	17.57	17.78	17.76	19	5
5	256QAM	1	12	17.57	17.63	17.56		
5	256QAM	1	24	17.51	17.46	17.35		
5	256QAM	12	0	17.71	17.71	17.66	19	5
5	256QAM	12	7	17.57	17.60	17.48		
5	256QAM	12	13	17.51	17.62	17.32		
5	256QAM	25	0	17.58	17.38	17.36		

Band 41 Ant 4 Full power

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	22.83	22.85	22.90	22.88	22.81	24	0
20	QPSK	1	49	22.72	22.79	22.78	22.79	22.71		
20	QPSK	1	99	22.65	22.73	22.87	22.71	22.63		
20	QPSK	50	0	21.59	21.48	21.62	21.56	21.57	23	1
20	QPSK	50	24	21.38	21.43	21.48	21.50	21.37		
20	QPSK	50	50	21.38	21.50	21.57	21.42	21.38		
20	QPSK	100	0	21.52	21.48	21.55	21.54	21.50		
20	16QAM	1	0	21.47	21.24	21.50	21.36	21.48	23	1
20	16QAM	1	49	21.25	21.30	21.27	21.38	21.25		
20	16QAM	1	99	21.30	21.34	21.43	21.26	21.28		
20	16QAM	50	0	20.64	20.43	20.61	20.55	20.54	22	2
20	16QAM	50	24	20.43	20.36	20.42	20.50	20.32		
20	16QAM	50	50	20.42	20.57	20.54	20.43	20.33		
20	16QAM	100	0	20.43	20.52	20.61	20.53	20.52		
20	64QAM	1	0	20.45	20.22	20.56	20.36	20.45	22	2
20	64QAM	1	49	20.32	20.29	20.31	20.32	20.20		
20	64QAM	1	99	20.22	20.29	20.50	20.26	20.35		
20	64QAM	50	0	19.57	19.47	19.68	19.50	19.50	21	3
20	64QAM	50	24	19.32	19.39	19.50	19.59	19.35		
20	64QAM	50	50	19.43	19.50	19.52	19.36	19.34		
20	64QAM	100	0	19.50	19.54	19.60	19.58	19.44		
20	256QAM	1	0	17.62	17.45	17.56	17.60	17.63	19	5
20	256QAM	1	49	17.43	17.36	17.41	17.49	17.36		
20	256QAM	1	99	17.45	17.56	17.57	17.50	17.42		
20	256QAM	50	0	17.57	17.48	17.60	17.52	17.45	19	5
20	256QAM	50	24	17.53	17.20	17.48	17.31	17.51		
20	256QAM	50	50	17.17	17.23	17.24	17.30	17.19		
20	256QAM	100	0	17.34	17.29	17.37	17.33	17.28		
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	22.68	22.78	22.73	22.79	22.60	24.00	0
15	QPSK	1	37	22.67	22.58	22.66	22.75	22.64		
15	QPSK	1	74	22.50	22.64	22.77	22.54	22.46		
15	QPSK	36	0	21.47	21.33	21.52	21.53	21.52	23	1
15	QPSK	36	20	21.27	21.30	21.37	21.33	21.32		
15	QPSK	36	39	21.31	21.36	21.47	21.33	21.33		
15	QPSK	75	0	21.42	21.38	21.50	21.41	21.34		
15	16QAM	1	0	21.31	21.12	21.45	21.18	21.41	23	1
15	16QAM	1	37	21.09	21.23	21.15	21.21	21.21		
15	16QAM	1	74	21.18	21.25	21.36	21.08	21.18		
15	16QAM	36	0	20.57	20.34	20.42	20.43	20.37	22	2
15	16QAM	36	20	20.27	20.28	20.24	20.35	20.26		
15	16QAM	36	39	20.24	20.38	20.38	20.28	20.27		
15	16QAM	75	0	20.25	20.32	20.41	20.43	20.36		
15	64QAM	1	0	20.32	20.18	20.47	20.32	20.36	22	2
15	64QAM	1	37	20.18	20.26	20.22	20.15	20.15		
15	64QAM	1	74	20.12	20.21	20.31	20.22	20.17		
15	64QAM	36	0	19.42	19.44	19.59	19.38	19.36	21	3
15	64QAM	36	20	19.18	19.28	19.39	19.44	19.24		
15	64QAM	36	39	19.34	19.32	19.42	19.22	19.21		
15	64QAM	75	0	19.40	19.46	19.43	19.44	19.26		
15	256QAM	1	0	17.53	17.42	17.45	17.43	17.50	19	5
15	256QAM	1	37	17.26	17.28	17.31	17.45	17.17		
15	256QAM	1	74	17.41	17.51	17.43	17.46	17.39		
15	256QAM	36	0	17.45	17.40	17.48	17.42	17.27	19	5
15	256QAM	36	20	17.43	17.08	17.29	17.14	17.42		
15	256QAM	36	39	17.01	17.15	17.05	17.11	17.08		
15	256QAM	75	0	17.27	17.15	17.23	17.21	17.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.66	22.68	22.71	22.75	22.76	24.00	0
10	QPSK	1	25	22.60	22.62	22.63	22.61	22.64		
10	QPSK	1	49	22.49	22.60	22.67	22.62	22.49		
10	QPSK	25	0	21.45	21.30	21.49	21.38	21.53	23	1
10	QPSK	25	12	21.18	21.40	21.45	21.34	21.32		
10	QPSK	25	25	21.30	21.43	21.44	21.26	21.22		
10	QPSK	50	0	21.38	21.37	21.42	21.45	21.32		
10	16QAM	1	0	21.28	21.14	21.34	21.23	21.41	23	1
10	16QAM	1	25	21.13	21.27	21.16	21.35	21.07		
10	16QAM	1	49	21.20	21.30	21.32	21.16	21.15		
10	16QAM	25	0	20.58	20.28	20.56	20.40	20.34	22	2
10	16QAM	25	12	20.25	20.26	20.23	20.42	20.27		
10	16QAM	25	25	20.27	20.53	20.50	20.37	20.16		
10	16QAM	50	0	20.40	20.34	20.48	20.37	20.31		
10	64QAM	1	0	20.41	20.09	20.50	20.17	20.27	22	2
10	64QAM	1	25	20.12	20.22	20.14	20.16	20.04		
10	64QAM	1	49	20.07	20.13	20.42	20.06	20.25		
10	64QAM	25	0	19.37	19.32	19.47	19.34	19.40	21	3
10	64QAM	25	12	19.17	19.25	19.31	19.52	19.31		
10	64QAM	25	25	19.34	19.34	19.40	19.31	19.25		
10	64QAM	50	0	19.37	19.49	19.49	19.54	19.28		
10	256QAM	1	0	17.56	17.37	17.41	17.43	17.46	19	5
10	256QAM	1	25	17.31	17.15	17.29	17.34	17.28		
10	256QAM	1	49	17.32	17.37	17.49	17.41	17.22		
10	256QAM	25	0	17.48	17.38	17.54	17.48	17.34	19	5
10	256QAM	25	12	17.39	17.16	17.35	17.26	17.33		
10	256QAM	25	25	17.12	17.08	17.15	17.25	17.09		
10	256QAM	50	0	17.28	17.20	17.19	17.29	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.73	22.74	22.83	22.69	22.75	24.00	0
5	QPSK	1	12	22.54	22.69	22.73	22.63	22.64		
5	QPSK	1	24	22.55	22.67	22.74	22.62	22.47		
5	QPSK	12	0	21.50	21.33	21.42	21.35	21.37	23	1
5	QPSK	12	7	21.21	21.25	21.42	21.43	21.19		
5	QPSK	12	13	21.24	21.39	21.37	21.22	21.23		
5	QPSK	25	0	21.44	21.35	21.41	21.49	21.43		
5	16QAM	1	0	21.28	21.07	21.34	21.32	21.32	23	1
5	16QAM	1	12	21.10	21.14	21.10	21.23	21.07		
5	16QAM	1	24	21.24	21.24	21.27	21.14	21.15		
5	16QAM	12	0	20.59	20.35	20.57	20.34	20.48	22	2
5	16QAM	12	7	20.39	20.17	20.27	20.37	20.21		
5	16QAM	12	13	20.24	20.39	20.38	20.26	20.28		
5	16QAM	25	0	20.29	20.45	20.57	20.34	20.46		
5	64QAM	1	0	20.33	20.11	20.46	20.31	20.27	22	2
5	64QAM	1	12	20.27	20.15	20.16	20.26	20.15		
5	64QAM	1	24	20.10	20.20	20.37	20.08	20.19		
5	64QAM	12	0	19.40	19.37	19.65	19.41	19.31	21	3
5	64QAM	12	7	19.23	19.28	19.29	19.38	19.26		
5	64QAM	12	13	19.25	19.45	19.32	19.18	19.23		
5	64QAM	25	0	19.31	19.43	19.49	19.42	19.30		
5	256QAM	1	0	17.52	17.29	17.39	17.48	17.56	19	5
5	256QAM	1	12	17.30	17.22	17.28	17.37	17.18		
5	256QAM	1	24	17.26	17.39	17.39	17.46	17.30		
5	256QAM	12	0	17.37	17.30	17.41	17.40	17.37	19	5
5	256QAM	12	7	17.50	17.12	17.40	17.19	17.45		
5	256QAM	12	13	17.13	17.16	17.11	17.18	17.14		
5	256QAM	25	0	17.18	17.25	17.28	17.24	17.08		

Band 42 Ant 5 Full power

BW [MHz]	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	22.81	22.86	22.84	24	0
20	QPSK	1	49	22.74	22.77	22.70		
20	QPSK	1	99	22.63	22.81	22.69		
20	QPSK	50	0	21.80	21.92	21.90	23	1
20	QPSK	50	24	21.78	21.77	21.74		
20	QPSK	50	50	21.61	21.81	21.65		
20	QPSK	100	0	21.73	21.80	21.77		
20	16QAM	1	0	21.70	21.76	21.61	23	1
20	16QAM	1	49	21.63	21.59	21.67		
20	16QAM	1	99	21.50	21.57	21.53		
20	16QAM	50	0	20.76	20.86	20.83	22	2
20	16QAM	50	24	20.73	20.83	20.83		
20	16QAM	50	50	20.55	20.87	20.61		
20	16QAM	100	0	20.66	20.73	20.77		
20	64QAM	1	0	20.66	20.75	20.52	22	2
20	64QAM	1	49	20.68	20.66	20.74		
20	64QAM	1	99	20.41	20.58	20.54		
20	64QAM	50	0	19.84	19.84	19.93	21	3
20	64QAM	50	24	19.73	19.71	19.71		
20	64QAM	50	50	19.65	19.73	19.57		
20	64QAM	100	0	19.70	19.79	19.81		
20	256QAM	1	0	17.79	17.96	17.91	19	5
20	256QAM	1	49	17.85	17.83	17.72		
20	256QAM	1	99	17.66	17.85	17.83		
20	256QAM	50	0	17.79	17.77	17.72	19	5
20	256QAM	50	24	17.63	17.77	17.66		
20	256QAM	50	50	17.69	17.65	17.71		
20	256QAM	100	0	17.42	17.50	17.49		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.5	3500	3532.5		
15	QPSK	1	0	22.64	22.73	22.78	24	0
15	QPSK	1	37	22.60	22.59	22.62		
15	QPSK	1	74	22.59	22.65	22.49		
15	QPSK	36	0	21.73	21.78	21.82	23	1
15	QPSK	36	20	21.68	21.65	21.63		
15	QPSK	36	39	21.52	21.63	21.62		
15	QPSK	75	0	21.58	21.63	21.58		
15	16QAM	1	0	21.65	21.57	21.42	23	1
15	16QAM	1	37	21.48	21.43	21.57		
15	16QAM	1	74	21.47	21.54	21.34		
15	16QAM	36	0	20.66	20.81	20.64	22	2
15	16QAM	36	20	20.56	20.77	20.65		
15	16QAM	36	39	20.41	20.80	20.48		
15	16QAM	75	0	20.55	20.63	20.56		
15	64QAM	1	0	20.46	20.70	20.41	22	2
15	64QAM	1	37	20.54	20.56	20.68		
15	64QAM	1	74	20.36	20.53	20.45		
15	64QAM	36	0	19.66	19.72	19.77	21	3
15	64QAM	36	20	19.70	19.60	19.54		
15	64QAM	36	39	19.55	19.61	19.52		
15	64QAM	75	0	19.50	19.59	19.69		
15	256QAM	1	0	17.59	17.89	17.70	19	5
15	256QAM	1	37	17.72	17.75	17.54		
15	256QAM	1	74	17.57	17.67	17.48		
15	256QAM	36	0	17.63	17.74	17.55	19	5
15	256QAM	36	20	17.42	17.70	17.52		
15	256QAM	36	39	17.61	17.45	17.62		
15	256QAM	75	0	17.35	17.36	17.38		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	22.76	22.68	22.75	24	0
10	QPSK	1	25	22.67	22.58	22.51		
10	QPSK	1	49	22.46	22.74	22.61		
10	QPSK	25	0	21.75	21.79	21.69	23	1
10	QPSK	25	12	21.61	21.69	21.61		
10	QPSK	25	25	21.51	21.61	21.51		
10	QPSK	50	0	21.62	21.65	21.73		
10	16QAM	1	0	21.54	21.73	21.48	23	1
10	16QAM	1	25	21.43	21.42	21.54		
10	16QAM	1	49	21.37	21.47	21.35		
10	16QAM	25	0	20.67	20.69	20.79	22	2
10	16QAM	25	12	20.62	20.73	20.69		
10	16QAM	25	25	20.37	20.79	20.43		
10	16QAM	50	0	20.49	20.54	20.67		
10	64QAM	1	0	20.52	20.65	20.40	22	2
10	64QAM	1	25	20.60	20.56	20.64		
10	64QAM	1	49	20.35	20.50	20.37		
10	64QAM	25	0	19.71	19.74	19.79	21	3
10	64QAM	25	12	19.61	19.66	19.57		
10	64QAM	25	25	19.48	19.68	19.48		
10	64QAM	50	0	19.65	19.61	19.78		
10	256QAM	1	0	17.67	17.90	17.72	19	5
10	256QAM	1	25	17.80	17.62	17.64		
10	256QAM	1	49	17.54	17.73	17.55		
10	256QAM	25	0	17.63	17.69	17.60	19	5
10	256QAM	25	12	17.52	17.63	17.48		
10	256QAM	25	25	17.58	17.49	17.57		
10	256QAM	50	0	17.35	17.33	17.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.5	3500	3547.5		
5	QPSK	1	0	22.62	22.76	22.70	24	0
5	QPSK	1	12	22.59	22.69	22.56		
5	QPSK	1	24	22.51	22.62	22.61		
5	QPSK	12	0	21.61	21.72	21.81	23	1
5	QPSK	12	7	21.68	21.60	21.55		
5	QPSK	12	13	21.42	21.67	21.46		
5	QPSK	25	0	21.53	21.74	21.64		
5	16QAM	1	0	21.64	21.70	21.46	23	1
5	16QAM	1	12	21.58	21.49	21.56		
5	16QAM	1	24	21.38	21.53	21.39		
5	16QAM	12	0	20.58	20.73	20.67	22	2
5	16QAM	12	7	20.55	20.63	20.77		
5	16QAM	12	13	20.47	20.80	20.51		
5	16QAM	25	0	20.55	20.63	20.64		
5	64QAM	1	0	20.54	20.62	20.36	22	2
5	64QAM	1	12	20.52	20.53	20.70		
5	64QAM	1	24	20.21	20.54	20.36		
5	64QAM	12	0	19.74	19.80	19.89	21	3
5	64QAM	12	7	19.61	19.63	19.56		
5	64QAM	12	13	19.46	19.55	19.50		
5	64QAM	25	0	19.49	19.61	19.75		
5	256QAM	1	0	17.76	17.85	17.87	19	5
5	256QAM	1	12	17.66	17.66	17.62		
5	256QAM	1	24	17.63	17.73	17.44		
5	256QAM	12	0	17.63	17.65	17.59	19	5
5	256QAM	12	7	17.54	17.60	17.53		
5	256QAM	12	13	17.53	17.61	17.66		
5	256QAM	25	0	17.24	17.29	17.32		

Reduced Power Mode for DSI2

GSM850 Ant 0 DSI2

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.27	32.37	32.22	33.50	23.27	23.37	23.22	24.50
GPRS 1 Tx slot	32.25	32.40	32.30	33.50	23.25	23.40	23.30	24.50
GPRS 2 Tx slots	30.27	30.38	30.38	31.50	24.27	24.38	24.38	25.50
GPRS 3 Tx slots	28.51	28.64	28.53	29.50	24.25	24.38	24.27	25.24
GPRS 4 Tx slots	26.92	27.00	27.00	28.00	23.92	24.00	24.00	25.00
EDGE 1 Tx slot	25.25	25.44	25.36	26.50	16.25	16.44	16.36	17.50
EDGE 2 Tx slots	24.89	25.07	25.02	26.00	18.89	19.07	19.02	20.00
EDGE 3 Tx slots	24.31	24.44	24.32	25.50	20.05	20.18	20.06	21.24
EDGE 4 Tx slots	23.71	23.79	23.63	25.00	20.71	20.79	20.63	22.00

GSM1900 Ant 0 DSI2

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.73	28.86	28.74	30.50	19.73	19.86	19.74	21.50
GPRS 1 Tx slot	28.83	28.89	28.87	30.50	19.83	19.89	19.87	21.50
GPRS 2 Tx slots	26.63	26.68	26.53	28.00	20.63	20.68	20.53	22.00
GPRS 3 Tx slots	25.01	25.15	25.14	26.00	20.75	20.89	20.88	21.74
GPRS 4 Tx slots	24.13	24.25	24.18	25.50	21.13	21.25	21.18	22.50
EDGE 1 Tx slot	24.85	24.99	24.88	26.00	15.85	15.99	15.88	17.00
EDGE 2 Tx slots	24.53	24.61	24.56	25.50	18.53	18.61	18.56	19.50
EDGE 3 Tx slots	24.10	24.13	23.95	25.00	19.84	19.87	19.69	20.74
EDGE 4 Tx slots	23.46	23.57	23.44	24.50	20.46	20.57	20.44	21.50

		WCDMA II Ant 0 DSI2				WCDMA IV Ant 0 DSI2				WCDMA V Ant 0 DSI2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.11	23.10	24.00	23.16	23.18	23.14	24.00	23.08	23.11	23.09	24.00
3GPP Rel 99	RMC 12.2Kbps	23.12	23.17	23.14	24.00	23.19	23.25	23.22	24.00	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	22.06	22.20	22.07	23.00	22.24	22.27	22.14	23.00	22.20	22.24	22.07	23.00
3GPP Rel 6	HSDPA Subtest-2	22.11	22.11	22.12	23.00	22.21	22.26	22.15	23.00	22.11	22.20	22.14	23.00
3GPP Rel 6	HSDPA Subtest-3	21.62	21.69	21.56	22.50	21.66	21.67	21.70	22.50	21.63	21.63	21.73	22.50
3GPP Rel 6	HSDPA Subtest-4	21.58	21.75	21.70	22.50	21.66	21.68	21.73	22.50	21.57	21.62	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.20	22.12	23.00	22.25	22.31	22.15	23.00	22.15	22.12	22.17	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.08	20.06	21.00	20.24	20.29	20.28	21.00	20.15	20.08	20.22	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.16	21.17	22.00	21.19	21.34	21.24	22.00	21.10	21.14	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	20.10	20.21	20.18	21.00	20.20	20.31	20.24	21.00	20.11	20.16	20.06	21.00
3GPP Rel 6	HSUPA Subtest-5	22.04	22.26	22.21	23.00	22.14	22.21	22.25	23.00	22.21	22.20	22.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest4	19.56	19.59	19.60	20.50	19.73	19.69	19.80	20.50	19.62	19.60	19.62	20.50

Band 2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	22.79	22.73		
20	QPSK	1	49	22.67	22.71	22.64	24	0
20	QPSK	1	99	22.60	22.69	22.66		
20	QPSK	50	0	21.84	21.85	21.80		
20	QPSK	50	24	21.79	21.85	21.65	23	1
20	QPSK	50	50	21.81	21.73	21.77		
20	QPSK	100	0	21.76	21.77	21.75		
20	16QAM	1	0	21.71	21.74	21.72		
20	16QAM	1	49	21.76	21.76	21.67	23	1
20	16QAM	1	99	21.75	21.71	21.68		
20	16QAM	50	0	20.83	20.89	20.76		
20	16QAM	50	24	20.83	20.78	20.74	22	2
20	16QAM	50	50	20.89	20.69	20.81		
20	16QAM	100	0	20.93	20.69	20.67		
20	64QAM	1	0	20.74	20.82	20.72		
20	64QAM	1	49	20.71	20.79	20.76	22	2
20	64QAM	1	99	20.84	20.71	20.74		
20	64QAM	50	0	19.87	19.87	19.72		
20	64QAM	50	24	19.91	19.84	19.79	21	3
20	64QAM	50	50	19.81	19.78	19.85		
20	64QAM	100	0	19.91	19.62	19.82		
20	256QAM	1	0	17.81	17.91	17.79		
20	256QAM	1	49	17.90	17.76	17.68	19	5
20	256QAM	1	99	17.86	17.71	17.85		
20	256QAM	50	0	17.98	17.60	17.73		
20	256QAM	50	24	17.82	17.89	17.66	19	5
20	256QAM	50	50	17.66	17.72	17.75		
20	256QAM	100	0	17.83	17.62	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.71	22.68		
15	QPSK	1	37	22.61	22.67	22.61	24	0
15	QPSK	1	74	22.48	22.57	22.48		
15	QPSK	36	0	21.67	21.79	21.77		
15	QPSK	36	20	21.71	21.67	21.52	23	1
15	QPSK	36	39	21.64	21.68	21.60		
15	QPSK	75	0	21.70	21.69	21.71		
15	16QAM	1	0	21.74	21.59	21.61		
15	16QAM	1	37	21.62	21.65	21.51	23	1
15	16QAM	1	74	21.68	21.52	21.51		
15	16QAM	36	0	20.71	20.73	20.69		
15	16QAM	36	20	20.72	20.73	20.69	22	2
15	16QAM	36	39	20.84	20.50	20.71		
15	16QAM	75	0	20.77	20.53	20.62		
15	64QAM	1	0	20.67	20.63	20.55		
15	64QAM	1	37	20.55	20.69	20.62	22	2
15	64QAM	1	74	20.66	20.58	20.72		
15	64QAM	36	0	19.75	19.81	19.70		
15	64QAM	36	20	19.74	19.83	19.66	21	3
15	64QAM	36	39	19.78	19.71	19.66		
15	64QAM	75	0	19.86	19.58	19.46		
15	256QAM	1	0	17.78	17.83	17.70		
15	256QAM	1	37	17.87	17.72	17.64	19	5
15	256QAM	1	74	17.82	17.63	17.78		
15	256QAM	36	0	17.81	17.53	17.62		
15	256QAM	36	20	17.67	17.72	17.60	19	5
15	256QAM	36	39	17.58	17.58	17.60		
15	256QAM	75	0	17.70	17.54	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.62	22.62		
10	QPSK	1	25	22.51	22.52	22.62	24	0
10	QPSK	1	49	22.55	22.61	22.64		
10	QPSK	25	0	21.79	21.75	21.70		
10	QPSK	25	12	21.70	21.63	21.55	23	1
10	QPSK	25	25	21.62	21.62	21.58		
10	QPSK	50	0	21.77	21.60	21.68		
10	16QAM	1	0	21.71	21.64	21.69		
10	16QAM	1	25	21.70	21.70	21.57	23	1
10	16QAM	1	49	21.76	21.56	21.60		
10	16QAM	25	0	20.69	20.78	20.69		
10	16QAM	25	12	20.80	20.61	20.71	22	2
10	16QAM	25	25	20.71	20.52	20.77		
10	16QAM	50	0	20.89	20.58	20.49		
10	64QAM	1	0	20.57	20.80	20.70		
10	64QAM	1	25	20.61	20.64	20.60	22	2
10	64QAM	1	49	20.68	20.53	20.68		
10	64QAM	25	0	19.86	19.73	19.64		
10	64QAM	25	12	19.88	19.74	19.72	21	3
10	64QAM	25	25	19.72	19.67	19.76		
10	64QAM	50	0	19.81	19.46	19.44		
10	256QAM	1	0	17.78	17.84	17.77		
10	256QAM	1	25	17.82	17.59	17.49	19	5
10	256QAM	1	49	17.74	17.65	17.70		
10	256QAM	25	0	17.86	17.42	17.70		
10	256QAM	25	12	17.77	17.72	17.61	19	5
10	256QAM	25	25	17.48	17.62	17.70		
10	256QAM	50	0	17.70	17.54	17.80		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.75	22.61	22.69		
5	QPSK	1	12	22.49	22.64	22.57	24	0
5	QPSK	1	24	22.41	22.63	22.60		
5	QPSK	12	0	21.69	21.80	21.67		
5	QPSK	12	7	21.71	21.72	21.59	23	1
5	QPSK	12	13	21.74	21.64	21.63		
5	QPSK	25	0	21.73	21.70	21.60		
5	16QAM	1	0	21.79	21.76	21.62		
5	16QAM	1	12	21.62	21.62	21.57	23	1
5	16QAM	1	24	21.67	21.54	21.51		
5	16QAM	12	0	20.71	20.76	20.57		
5	16QAM	12	7	20.81	20.76	20.67	22	2
5	16QAM	12	13	20.83	20.66	20.68		
5	16QAM	25	0	20.91	20.50	20.50		
5	64QAM	1	0	20.62	20.75	20.69		
5	64QAM	1	12	20.65	20.78	20.70	22	2
5	64QAM	1	24	20.68	20.63	20.60		
5	64QAM	12	0	19.82	19.80	19.57		
5	64QAM	12	7	19.84	19.70	19.71	21	3
5	64QAM	12	13	19.69	19.76	19.76		
5	64QAM	25	0	19.83	19.51	19.57		
5	256QAM	1	0	17.64	17.83	17.61		
5	256QAM	1	12	17.82	17.64	17.50	19	5
5	256QAM	1	24	17.74	17.70	17.74		
5	256QAM	12	0	17.84	17.62	17.66		
5	256QAM	12	7	17.80	17.73	17.54	19	5
5	256QAM	12	13	17.59	17.63	17.64		
5	256QAM	25	0	17.81	17.45	17.81		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.67	22.70		
3	QPSK	1	8	22.65	22.56	22.58	24	0
3	QPSK	1	14	22.41	22.57	22.55		
3	QPSK	8	0	21.81	21.81	21.68		
3	QPSK	8	4	21.75	21.82	21.50	23	1
3	QPSK	8	7	21.75	21.60	21.68		
3	QPSK	15	0	21.70	21.74	21.62		
3	16QAM	1	0	21.67	21.75	21.65		
3	16QAM	1	8	21.61	21.71	21.49	23	1
3	16QAM	1	14	21.83	21.59	21.51		
3	16QAM	8	0	20.75	20.74	20.65		
3	16QAM	8	4	20.72	20.63	20.64	22	2
3	16QAM	8	7	20.86	20.55	20.70		
3	16QAM	15	0	20.92	20.53	20.59		
3	64QAM	1	0	20.66	20.69	20.63		
3	64QAM	1	8	20.62	20.62	20.74	22	2
3	64QAM	1	14	20.66	20.67	20.57		
3	64QAM	8	0	19.85	19.74	19.68		
3	64QAM	8	4	19.80	19.82	19.70	21	3
3	64QAM	8	7	19.66	19.63	19.73		
3	64QAM	15	0	19.80	19.48	19.53		
3	256QAM	1	0	17.71	17.85	17.72		
3	256QAM	1	8	17.79	17.67	17.59	19	5
3	256QAM	1	14	17.83	17.67	17.67		
3	256QAM	8	0	17.96	17.48	17.55		
3	256QAM	8	4	17.68	17.79	17.64	19	5
3	256QAM	8	7	17.52	17.71	17.62		
3	256QAM	15	0	17.76	17.54	17.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.61	22.70		
1.4	QPSK	1	3	22.56	22.57	22.47		
1.4	QPSK	1	5	22.50	22.52	22.60	24	0
1.4	QPSK	3	0	22.62	22.44	22.66		
1.4	QPSK	3	1	22.50	22.41	22.37		
1.4	QPSK	3	3	22.41	22.35	22.50		
1.4	QPSK	6	0	21.81	21.66	21.66	23	1
1.4	16QAM	1	0	21.67	21.64	21.57		
1.4	16QAM	1	3	21.58	21.65	21.64		
1.4	16QAM	1	5	21.78	21.62	21.50	23	1
1.4	16QAM	3	0	21.59	21.46	21.48		
1.4	16QAM	3	1	21.48	21.53	21.61		
1.4	16QAM	3	3	21.67	21.57	21.32		
1.4	16QAM	6	0	20.77	20.59	20.54	22	2
1.4	64QAM	1	0	20.73	20.81	20.57		
1.4	64QAM	1	3	20.55	20.76	20.65		
1.4	64QAM	1	5	20.78	20.60	20.67	22	2
1.4	64QAM	3	0	20.69	20.77	20.48		
1.4	64QAM	3	1	20.38	20.68	20.52		
1.4	64QAM	3	3	20.63	20.42	20.63		
1.4	64QAM	6	0	19.73	19.50	19.45	21	3
1.4	256QAM	1	0	17.68	17.90	17.72		
1.4	256QAM	1	3	17.72	17.65	17.61		
1.4	256QAM	1	5	17.70	17.67	17.69	19	5
1.4	256QAM	3	0	17.90	17.42	17.56		
1.4	256QAM	3	1	17.70	17.85	17.64		
1.4	256QAM	3	3	17.58	17.55	17.70		
1.4	256QAM	6	0	17.74	17.45	17.66	19	5

Band 4 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.84	22.81		
20	QPSK	1	49	22.77	22.80	22.76	24	0
20	QPSK	1	99	22.72	22.67	22.86		
20	QPSK	50	0	21.76	21.90	21.87		
20	QPSK	50	24	21.82	21.88	21.75	23	1
20	QPSK	50	50	21.73	21.68	21.64		
20	QPSK	100	0	21.67	21.76	21.71		
20	16QAM	1	0	21.70	21.67	21.64		
20	16QAM	1	49	21.54	21.51	21.45	23	1
20	16QAM	1	99	21.57	21.69	21.53		
20	16QAM	50	0	20.74	20.89	20.86		
20	16QAM	50	24	20.80	20.85	20.71	22	2
20	16QAM	50	50	20.73	20.66	20.65		
20	16QAM	100	0	20.69	20.86	20.76		
20	64QAM	1	0	20.61	20.67	20.71		
20	64QAM	1	49	20.62	20.46	20.39	22	2
20	64QAM	1	99	20.58	20.67	20.58		
20	64QAM	50	0	19.68	19.94	19.91		
20	64QAM	50	24	19.81	19.88	19.78	21	3
20	64QAM	50	50	19.79	19.68	19.71		
20	64QAM	100	0	19.70	19.78	19.76		
20	256QAM	1	0	17.75	17.85	17.89		
20	256QAM	1	49	17.85	17.91	17.73	19	5
20	256QAM	1	99	17.78	17.76	17.57		
20	256QAM	50	0	17.70	17.76	17.66		
20	256QAM	50	24	17.73	17.62	17.64	19	5
20	256QAM	50	50	17.55	17.51	17.54		
20	256QAM	100	0	17.49	17.66	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.73	22.65	22.71		
15	QPSK	1	37	22.66	22.64	22.61	24	0
15	QPSK	1	74	22.60	22.64	22.52		
15	QPSK	36	0	21.55	21.82	21.82		
15	QPSK	36	20	21.63	21.78	21.72	23	1
15	QPSK	36	39	21.64	21.68	21.60		
15	QPSK	75	0	21.61	21.73	21.58		
15	16QAM	1	0	21.64	21.64	21.50		
15	16QAM	1	37	21.50	21.38	21.31	23	1
15	16QAM	1	74	21.36	21.51	21.32		
15	16QAM	36	0	20.54	20.81	20.79		
15	16QAM	36	20	20.72	20.68	20.56	22	2
15	16QAM	36	39	20.62	20.53	20.45		
15	16QAM	75	0	20.65	20.73	20.62		
15	64QAM	1	0	20.47	20.59	20.57		
15	64QAM	1	37	20.44	20.41	20.30	22	2
15	64QAM	1	74	20.42	20.54	20.38		
15	64QAM	36	0	19.65	19.83	19.83		
15	64QAM	36	20	19.67	19.85	19.57	21	3
15	64QAM	36	39	19.65	19.55	19.67		
15	64QAM	75	0	19.49	19.74	19.57		
15	256QAM	1	0	17.67	17.79	17.72		
15	256QAM	1	37	17.80	17.77	17.59	19	5
15	256QAM	1	74	17.66	17.57	17.42		
15	256QAM	36	0	17.61	17.64	17.47		
15	256QAM	36	20	17.63	17.47	17.52	19	5
15	256QAM	36	39	17.48	17.39	17.51		
15	256QAM	75	0	17.41	17.45	17.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.64		
10	QPSK	1	25	22.61	22.73	22.59	24	0
10	QPSK	1	49	22.60	22.55	22.45		
10	QPSK	25	0	21.70	21.82	21.78		
10	QPSK	25	12	21.76	21.73	21.63	23	1
10	QPSK	25	25	21.61	21.69	21.62		
10	QPSK	50	0	21.69	21.58	21.57		
10	16QAM	1	0	21.66	21.48	21.57		
10	16QAM	1	25	21.39	21.47	21.26	23	1
10	16QAM	1	49	21.41	21.62	21.45		
10	16QAM	25	0	20.66	20.80	20.79		
10	16QAM	25	12	20.62	20.70	20.55	22	2
10	16QAM	25	25	20.61	20.61	20.46		
10	16QAM	50	0	20.61	20.74	20.64		
10	64QAM	1	0	20.49	20.56	20.60		
10	64QAM	1	25	20.48	20.27	20.31	22	2
10	64QAM	1	49	20.52	20.62	20.39		
10	64QAM	25	0	19.59	19.85	19.87		
10	64QAM	25	12	19.71	19.72	19.58	21	3
10	64QAM	25	25	19.69	19.56	19.61		
10	64QAM	50	0	19.60	19.58	19.73		
10	256QAM	1	0	17.69	17.81	17.70		
10	256QAM	1	25	17.69	17.85	17.61	19	5
10	256QAM	1	49	17.71	17.68	17.50		
10	256QAM	25	0	17.60	17.56	17.54		
10	256QAM	25	12	17.61	17.46	17.56	19	5
10	256QAM	25	25	17.44	17.37	17.37		
10	256QAM	50	0	17.39	17.51	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.75	22.73		
5	QPSK	1	12	22.56	22.64	22.67	24	0
5	QPSK	1	24	22.59	22.60	22.44		
5	QPSK	12	0	21.57	21.85	21.70		
5	QPSK	12	7	21.62	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.62	21.50		
5	QPSK	25	0	21.60	21.72	21.57		
5	16QAM	1	0	20.57	20.82	20.68		
5	16QAM	1	12	21.33	21.43	21.41	23	1
5	16QAM	1	24	21.43	21.51	21.41		
5	16QAM	12	0	20.57	20.82	20.68		
5	16QAM	12	7	20.70	20.66	20.54	22	2
5	16QAM	12	13	20.63	20.52	20.58		
5	16QAM	25	0	20.62	20.79	20.68		
5	64QAM	1	0	20.51	20.48	20.63		
5	64QAM	1	12	20.54	20.36	20.34	22	2
5	64QAM	1	24	20.49	20.54	20.41		
5	64QAM	12	0	19.53	19.85	19.73		
5	64QAM	12	7	19.67	19.73	19.62	21	3
5	64QAM	12	13	19.70	19.50	19.68		
5	64QAM	25	0	19.49	19.66	19.56		
5	256QAM	1	0	17.66	17.73	17.73		
5	256QAM	1	12	17.79	17.85	17.63	19	5
5	256QAM	1	24	17.60	17.59	17.49		
5	256QAM	12	0	17.63	17.67	17.52		
5	256QAM	12	7	17.53	17.53	17.60	19	5
5	256QAM	12	13	17.42	17.41	17.41		
5	256QAM	25	0	17.40	17.52	17.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.76	22.70		
3	QPSK	1	8	22.67	22.67	22.70	24	0
3	QPSK	1	14	22.57	22.56	22.51		
3	QPSK	8	0	21.62	21.69	21.70		
3	QPSK	8	4	21.76	21.71	21.64	23	1
3	QPSK	8	7	21.55	21.54	21.45		
3	QPSK	15	0	21.56	21.70	21.55		
3	16QAM	1	0	21.62	21.49	21.52		
3	16QAM	1	8	21.47	21.45	21.37	23	1
3	16QAM	1	14	21.41	21.48	21.36		
3	16QAM	8	0	20.56	20.78	20.70		
3	16QAM	8	4	20.59	20.79	20.53	22	2
3	16QAM	8	7	20.67	20.54	20.44		
3	16QAM	15	0	20.63	20.74	20.63		
3	64QAM	1	0	20.46	20.50	20.66		
3	64QAM	1	8	20.50	20.41	20.34	22	2
3	64QAM	1	14	20.44	20.47	20.48		
3	64QAM	8	0	19.54	19.83	19.80		
3	64QAM	8	4	19.71	19.81	19.73	21	3
3	64QAM	8	7	19.64	19.62	19.54		
3	64QAM	15	0	19.49	19.69	19.69		
3	256QAM	1	0	17.59	17.79	17.83		
3	256QAM	1	8	17.71	17.67	17.69	19	5
3	256QAM	1	14	17.65	17.57	17.66		
3	256QAM	8	0	17.56	17.54	17.59		
3	256QAM	8	4	17.60	17.46	17.60	19	5
3	256QAM	8	7	17.37	17.39	17.40		
3	256QAM	15	0	17.43	17.51	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.80	22.73		
1.4	QPSK	1	3	22.58	22.71	22.58		
1.4	QPSK	1	5	22.63	22.55	22.57	24	0
1.4	QPSK	3	0	22.46	22.59	22.56		
1.4	QPSK	3	1	22.46	22.57	22.48		
1.4	QPSK	3	3	22.48	22.37	22.51		
1.4	QPSK	6	0	21.54	21.58	21.64	23	1
1.4	16QAM	1	0	21.55	21.56	21.47		
1.4	16QAM	1	3	21.35	21.36	21.38		
1.4	16QAM	1	5	21.45	21.58	21.45	23	1
1.4	16QAM	3	0	21.49	21.49	21.39		
1.4	16QAM	3	1	21.19	21.30	21.31		
1.4	16QAM	3	3	21.39	21.43	21.27		
1.4	16QAM	6	0	20.57	20.70	20.61	22	2
1.4	64QAM	1	0	20.55	20.56	20.61		
1.4	64QAM	1	3	20.53	20.28	20.36		
1.4	64QAM	1	5	20.49	20.49	20.52	22	2
1.4	64QAM	3	0	20.36	20.47	20.54		
1.4	64QAM	3	1	20.48	20.14	20.28		
1.4	64QAM	3	3	20.31	20.41	20.31		
1.4	64QAM	6	0	19.60	19.74	19.57	21	3
1.4	256QAM	1	0	17.70	17.79	17.81		
1.4	256QAM	1	3	17.68	17.88	17.65		
1.4	256QAM	1	5	17.75	17.64	17.40	19	5
1.4	256QAM	3	0	17.55	17.71	17.59		
1.4	256QAM	3	1	17.59	17.51	17.51		
1.4	256QAM	3	3	17.47	17.32	17.41		
1.4	256QAM	6	0	17.31	17.50	17.42	19	5

Band 5 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.11	23.17	23.15		
10	QPSK	1	25	23.04	23.08	23.06	24	0
10	QPSK	1	49	22.97	23.06	23.02		
10	QPSK	25	0	22.10	22.18	22.10		
10	QPSK	25	12	22.07	22.15	22.08	23	1
10	QPSK	25	25	22.05	22.11	22.06		
10	QPSK	50	0	22.10	22.15	22.11		
10	16QAM	1	0	21.91	22.06	22.01		
10	16QAM	1	25	21.92	22.01	21.90	23	1
10	16QAM	1	49	21.93	22.01	21.99		
10	16QAM	25	0	21.19	21.20	21.15		
10	16QAM	25	12	21.08	21.11	21.01	22	2
10	16QAM	25	25	21.00	21.09	21.02		
10	16QAM	50	0	21.11	21.15	21.04		

Band 13 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.87		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.78			
10	QPSK	25	0		21.90		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.89			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.81			
10	16QAM	1	49		21.52			
10	16QAM	25	0		20.83		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.53			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.95			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.95		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.74	22.72	24	0
5	QPSK	1	12	22.69	22.74	22.72		
5	QPSK	1	24	22.59	22.63	22.67		
5	QPSK	12	0	21.72	21.75	21.84	23	1
5	QPSK	12	7	21.76	21.84	21.73		
5	QPSK	12	13	21.65	21.51	21.54		
5	QPSK	25	0	21.69	21.78	21.70		
5	16QAM	1	0	21.70	21.66	21.68	23	1
5	16QAM	1	12	21.63	21.69	21.69		
5	16QAM	1	24	21.32	21.47	21.35		
5	16QAM	12	0	20.64	20.72	20.71	22	2
5	16QAM	12	7	20.68	20.66	20.78		
5	16QAM	12	13	20.57	20.60	20.70		
5	16QAM	25	0	20.62	20.81	20.79		
5	64QAM	1	0	20.70	20.72	20.87	22	2
5	64QAM	1	12	20.70	20.71	20.78		
5	64QAM	1	24	20.48	20.46	20.50		
5	64QAM	12	0	19.70	19.79	19.70	21	3
5	64QAM	12	7	19.85	19.92	19.78		
5	64QAM	12	13	19.56	19.58	19.49		
5	64QAM	25	0	19.71	19.64	19.68		
5	256QAM	1	0	17.67	17.64	17.65	19	5
5	256QAM	1	12	17.74	17.91	17.77		
5	256QAM	1	24	17.52	17.59	17.50		
5	256QAM	12	0	17.91	17.76	17.81	19	5
5	256QAM	12	7	17.73	17.71	17.70		
5	256QAM	12	13	17.84	17.68	17.84		
5	256QAM	25	0	17.38	17.40	17.25		

Band 17 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.78	22.70	24	0
10	QPSK	1	25	22.65	22.67	22.66		
10	QPSK	1	49	22.67	22.61	22.69		
10	QPSK	25	0	21.76	21.87	21.73	23	1
10	QPSK	25	12	21.74	21.71	21.72		
10	QPSK	25	25	21.71	21.67	21.64		
10	QPSK	50	0	21.70	21.75	21.61		
10	16QAM	1	0	21.59	21.70	21.54	23	1
10	16QAM	1	25	21.64	21.49	21.53		
10	16QAM	1	49	21.58	21.54	21.51		
10	16QAM	25	0	20.79	20.96	20.64	22	2
10	16QAM	25	12	20.69	20.75	20.72		
10	16QAM	25	25	20.78	20.59	20.70		
10	16QAM	50	0	20.62	20.83	20.69		
10	64QAM	1	0	20.56	20.70	20.61	22	2
10	64QAM	1	25	20.63	20.43	20.58		
10	64QAM	1	49	20.64	20.50	20.55		
10	64QAM	25	0	19.78	19.83	19.78	21	3
10	64QAM	25	12	19.73	19.70	19.74		
10	64QAM	25	25	19.65	19.59	19.61		
10	64QAM	50	0	19.73	19.66	19.60		
10	256QAM	1	0	17.71	17.88	17.76	19	5
10	256QAM	1	25	17.77	17.72	17.70		
10	256QAM	1	49	17.65	17.68	17.58		
10	256QAM	25	0	17.73	17.75	17.53	19	5
10	256QAM	25	12	17.51	17.74	17.48		
10	256QAM	25	25	17.58	17.55	17.57		
10	256QAM	50	0	17.61	17.63	17.59		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.60	22.57	22.58	24	0
5	QPSK	1	12	22.51	22.62	22.58		
5	QPSK	1	24	22.59	22.57	22.62		
5	QPSK	12	0	21.63	21.82	21.56	23	1
5	QPSK	12	7	21.68	21.65	21.63		
5	QPSK	12	13	21.62	21.56	21.47		
5	QPSK	25	0	21.55	21.63	21.50		
5	16QAM	1	0	21.41	21.52	21.48	23	1
5	16QAM	1	12	21.48	21.39	21.49		
5	16QAM	1	24	21.54	21.36	21.35		
5	16QAM	12	0	20.68	20.82	20.46	22	2
5	16QAM	12	7	20.60	20.62	20.60		
5	16QAM	12	13	20.63	20.41	20.53		
5	16QAM	25	0	20.43	20.62	20.48		
5	64QAM	1	0	20.40	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.32	20.38		
5	64QAM	1	24	20.59	20.40	20.36		
5	64QAM	12	0	19.59	19.77	19.67	21	3
5	64QAM	12	7	19.64	19.57	19.69		
5	64QAM	12	13	19.49	19.48	19.49		
5	64QAM	25	0	19.64	19.46	19.43		
5	256QAM	1	0	17.53	17.69	17.67	19	5
5	256QAM	1	12	17.71	17.54	17.55		
5	256QAM	1	24	17.44	17.61	17.38		
5	256QAM	12	0	17.64	17.61	17.34	19	5
5	256QAM	12	7	17.41	17.67	17.37		
5	256QAM	12	13	17.44	17.51	17.41		
5	256QAM	25	0	17.54	17.54	17.41		

Band 25 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.80	22.85	22.78	24	0
20	QPSK	1	49	22.68	22.75	22.68		
20	QPSK	1	99	22.75	22.78	22.61		
20	QPSK	50	0	21.76	21.91	21.71	23	1
20	QPSK	50	24	21.66	21.66	21.64		
20	QPSK	50	50	21.72	21.86	21.64		
20	QPSK	100	0	21.70	21.76	21.59		
20	16QAM	1	0	21.57	21.71	21.62	23	1
20	16QAM	1	49	21.44	21.50	21.53		
20	16QAM	1	99	21.59	21.67	21.46		
20	16QAM	50	0	20.73	20.96	20.80	22	2
20	16QAM	50	24	20.62	20.73	20.56		
20	16QAM	50	50	20.78	20.88	20.68		
20	16QAM	100	0	20.67	20.68	20.51		
20	64QAM	1	0	20.63	20.69	20.61	22	2
20	64QAM	1	49	20.38	20.57	20.50		
20	64QAM	1	99	20.60	20.65	20.39		
20	64QAM	50	0	19.75	19.98	19.70	21	3
20	64QAM	50	24	19.71	19.74	19.61		
20	64QAM	50	50	19.80	19.84	19.63		
20	64QAM	100	0	19.72	19.70	19.65		
20	256QAM	1	0	17.78	18.00	17.70	19	5
20	256QAM	1	49	17.71	17.61	17.64		
20	256QAM	1	99	17.65	17.80	17.55		
20	256QAM	50	0	17.71	17.74	17.64	19	5
20	256QAM	50	24	17.53	17.62	17.53		
20	256QAM	50	50	17.46	17.55	17.56		
20	256QAM	100	0	17.55	17.75	17.40		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.67	22.71	22.60	24	0
15	QPSK	1	37	22.52	22.55	22.48		
15	QPSK	1	74	22.59	22.58	22.45		
15	QPSK	36	0	21.59	21.79	21.62	23	1
15	QPSK	36	20	21.50	21.59	21.46		
15	QPSK	36	39	21.58	21.68	21.57		
15	QPSK	75	0	21.55	21.61	21.53		
15	16QAM	1	0	21.43	21.65	21.48	23	1
15	16QAM	1	37	21.39	21.31	21.36		
15	16QAM	1	74	21.50	21.61	21.32		
15	16QAM	36	0	20.68	20.82	20.62	22	2
15	16QAM	36	20	20.49	20.53	20.48		
15	16QAM	36	39	20.70	20.70	20.52		
15	16QAM	75	0	20.62	20.49	20.44		
15	64QAM	1	0	20.43	20.59	20.44	22	2
15	64QAM	1	37	20.25	20.36	20.30		
15	64QAM	1	74	20.51	20.50	20.25		
15	64QAM	36	0	19.61	19.87	19.51	21	3
15	64QAM	36	20	19.55	19.69	19.52		
15	64QAM	36	39	19.67	19.73	19.50		
15	64QAM	75	0	19.57	19.59	19.57		
15	256QAM	1	0	17.73	17.81	17.53	19	5
15	256QAM	1	37	17.55	17.53	17.50		
15	256QAM	1	74	17.55	17.66	17.36		
15	256QAM	36	0	17.68	17.69	17.56	19	5
15	256QAM	36	20	17.44	17.42	17.33		
15	256QAM	36	39	17.38	17.38	17.47		
15	256QAM	75	0	17.43	17.56	17.33		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.71	22.67	22.60	24	0
10	QPSK	1	25	22.49	22.54	22.51		
10	QPSK	1	49	22.64	22.68	22.49		
10	QPSK	25	0	21.70	21.76	21.67	23	1
10	QPSK	25	12	21.47	21.60	21.55		
10	QPSK	25	25	21.67	21.77	21.58		
10	QPSK	50	0	21.52	21.57	21.40		
10	16QAM	1	0	21.42	21.66	21.48	23	1
10	16QAM	1	25	21.29	21.46	21.44		
10	16QAM	1	49	21.47	21.59	21.25		
10	16QAM	25	0	20.56	20.80	20.64	22	2
10	16QAM	25	12	20.48	20.58	20.43		
10	16QAM	25	25	20.60	20.80	20.59		
10	16QAM	50	0	20.53	20.49	20.32		
10	64QAM	1	0	20.49	20.51	20.42	22	2
10	64QAM	1	25	20.18	20.38	20.31		
10	64QAM	1	49	20.51	20.46	20.19		
10	64QAM	25	0	19.55	19.89	19.59	21	3
10	64QAM	25	12	19.58	19.69	19.49		
10	64QAM	25	25	19.60	19.67	19.50		
10	64QAM	50	0	19.57	19.56	19.55		
10	256QAM	1	0	17.60	17.91	17.52	19	5
10	256QAM	1	25	17.60	17.45	17.47		
10	256QAM	1	49	17.56	17.61	17.47		
10	256QAM	25	0	17.55	17.53	17.48	19	5
10	256QAM	25	12	17.45	17.53	17.43		
10	256QAM	25	25	17.40	17.46	17.42		
10	256QAM	50	0	17.43	17.65	17.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.65	22.80	22.59	24	0
5	QPSK	1	12	22.59	22.57	22.57		
5	QPSK	1	24	22.65	22.61	22.40		
5	QPSK	12	0	21.71	21.83	21.65	23	1
5	QPSK	12	7	21.60	21.62	21.52		
5	QPSK	12	13	21.51	21.74	21.46		
5	QPSK	25	0	21.63	21.67	21.40		
5	16QAM	1	0	21.49	21.61	21.59	23	1
5	16QAM	1	12	21.38	21.37	21.37		
5	16QAM	1	24	21.38	21.52	21.39		
5	16QAM	12	0	20.55	20.84	20.65	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.63	20.82	20.50		
5	16QAM	25	0	20.51	20.53	20.46		
5	64QAM	1	0	20.44	20.63	20.47	22	2
5	64QAM	1	12	20.22	20.43	20.32		
5	64QAM	1	24	20.52	20.59	20.25		
5	64QAM	12	0	19.60	19.89	19.51	21	3
5	64QAM	12	7	19.61	19.58	19.53		
5	64QAM	12	13	19.72	19.80	19.55		
5	64QAM	25	0	19.64	19.63	19.57		
5	256QAM	1	0	17.66	17.92	17.54	19	5
5	256QAM	1	12	17.58	17.58	17.61		
5	256QAM	1	24	17.61	17.60	17.62		
5	256QAM	12	0	17.62	17.55	17.48	19	5
5	256QAM	12	7	17.46	17.50	17.46		
5	256QAM	12	13	17.34	17.35	17.41		
5	256QAM	25	0	17.49	17.64	17.37		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.74	22.81	22.60	24	0
3	QPSK	1	8	22.52	22.68	22.58		
3	QPSK	1	14	22.63	22.65	22.57		
3	QPSK	8	0	21.63	21.78	21.58	23	1
3	QPSK	8	4	21.50	21.55	21.58		
3	QPSK	8	7	21.65	21.77	21.56		
3	QPSK	15	0	21.62	21.70	21.49		
3	16QAM	1	0	21.43	21.54	21.49	23	1
3	16QAM	1	8	21.37	21.38	21.39		
3	16QAM	1	14	21.46	21.53	21.33		
3	16QAM	8	0	20.53	20.77	20.59	22	2
3	16QAM	8	4	20.47	20.55	20.35		
3	16QAM	8	7	20.73	20.77	20.52		
3	16QAM	15	0	20.53	20.51	20.30		
3	64QAM	1	0	20.54	20.59	20.50	22	2
3	64QAM	1	8	20.25	20.40	20.31		
3	64QAM	1	14	20.56	20.52	20.34		
3	64QAM	8	0	19.66	19.91	19.54	21	3
3	64QAM	8	4	19.51	19.58	19.43		
3	64QAM	8	7	19.62	19.77	19.60		
3	64QAM	15	0	19.68	19.59	19.57		
3	256QAM	1	0	17.62	17.94	17.55	19	5
3	256QAM	1	8	17.65	17.47	17.48		
3	256QAM	1	14	17.64	17.70	17.49		
3	256QAM	8	0	17.58	17.65	17.50	19	5
3	256QAM	8	4	17.35	17.42	17.50		
3	256QAM	8	7	17.36	17.40	17.53		
3	256QAM	15	0	17.38	17.64	17.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.63	22.73	22.69	24	0
1.4	QPSK	1	3	22.63	22.62	22.57		
1.4	QPSK	1	5	22.57	22.67	22.52		
1.4	QPSK	3	0	22.45	22.64	22.49		
1.4	QPSK	3	1	22.48	22.59	22.37		
1.4	QPSK	3	3	22.52	22.50	22.34		
1.4	QPSK	6	0	21.60	21.67	21.53	23	1
1.4	16QAM	1	0	21.49	21.58	21.42	23	1
1.4	16QAM	1	3	21.25	21.41	21.32		
1.4	16QAM	1	5	21.46	21.50	21.36		
1.4	16QAM	3	0	21.30	21.42	21.31		
1.4	16QAM	3	1	21.20	21.34	21.27		
1.4	16QAM	3	3	21.38	21.36	21.15		
1.4	16QAM	6	0	20.51	20.64	20.43	22	2
1.4	64QAM	1	0	20.53	20.61	20.49	22	2
1.4	64QAM	1	3	20.20	20.50	20.31		
1.4	64QAM	1	5	20.53	20.52	20.25		
1.4	64QAM	3	0	20.47	20.54	20.43		
1.4	64QAM	3	1	20.11	20.40	20.19		
1.4	64QAM	3	3	20.41	20.47	20.20		
1.4	64QAM	6	0	19.57	19.62	19.51	21	3
1.4	256QAM	1	0	17.66	17.90	17.62	19	5
1.4	256QAM	1	3	17.52	17.54	17.55		
1.4	256QAM	1	5	17.56	17.67	17.60		
1.4	256QAM	3	0	17.63	17.53	17.48		
1.4	256QAM	3	1	17.42	17.45	17.47		
1.4	256QAM	3	3	17.39	17.36	17.37		
1.4	256QAM	6	0	17.46	17.54	17.26	19	5

Band 26 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.20	23.25	23.19	24	0
15	QPSK	1	37	23.09	23.23	23.10		
15	QPSK	1	74	23.09	23.14	23.12		
15	QPSK	36	0	22.15	22.32	22.23	23	1
15	QPSK	36	20	22.11	22.27	22.17		
15	QPSK	36	39	22.15	22.14	22.13		
15	QPSK	75	0	22.16	22.20	22.15		
15	16QAM	1	0	22.02	22.12	22.13	23	1
15	16QAM	1	37	21.87	22.16	22.00		
15	16QAM	1	74	22.08	21.91	21.94		
15	16QAM	36	0	21.10	21.30	21.26	22	2
15	16QAM	36	20	21.07	21.26	21.21		
15	16QAM	36	39	21.12	21.11	21.21		
15	16QAM	75	0	21.10	21.17	21.16		
15	64QAM	1	0	21.03	21.08	21.17	22	2
15	64QAM	1	37	20.82	21.21	20.95		
15	64QAM	1	74	21.12	20.83	20.88		
15	64QAM	36	0	20.18	20.38	20.17	21	3
15	64QAM	36	20	20.18	20.29	20.17		
15	64QAM	36	39	20.21	20.16	20.08		
15	64QAM	75	0	20.19	20.12	20.11		
15	256QAM	1	0	18.20	18.31	18.26	19	5
15	256QAM	1	37	18.08	18.26	18.18		
15	256QAM	1	74	18.08	18.10	18.07		
15	256QAM	36	0	18.17	18.22	18.12	19	5
15	256QAM	36	20	18.04	18.13	18.10		
15	256QAM	36	39	17.93	18.02	17.92		
15	256QAM	75	0	18.15	17.93	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.04	23.10	23.09	24	0
10	QPSK	1	25	22.89	23.11	23.01		
10	QPSK	1	49	23.04	23.00	22.98		
10	QPSK	25	0	21.97	22.21	22.10	23	1
10	QPSK	25	12	22.06	22.12	21.97		
10	QPSK	25	25	22.03	22.03	22.09		
10	QPSK	50	0	22.09	22.05	22.08		
10	16QAM	1	0	21.89	22.07	21.93	23	1
10	16QAM	1	25	21.72	21.95	21.83		
10	16QAM	1	49	21.90	21.79	21.88		
10	16QAM	25	0	21.00	21.10	21.06	22	2
10	16QAM	25	12	20.94	21.21	21.14		
10	16QAM	25	25	21.04	21.06	21.01		
10	16QAM	50	0	21.01	21.14	21.05		
10	64QAM	1	0	20.83	21.04	21.10	22	2
10	64QAM	1	25	20.68	21.10	20.77		
10	64QAM	1	49	21.04	20.68	20.75		
10	64QAM	25	0	20.09	20.19	19.99	21	3
10	64QAM	25	12	20.13	20.11	19.98		
10	64QAM	25	25	20.13	19.97	19.93		
10	64QAM	50	0	20.04	19.91	20.00		
10	256QAM	1	0	18.00	18.11	18.18	19	5
10	256QAM	1	25	17.93	18.05	18.11		
10	256QAM	1	49	17.93	17.94	17.98		
10	256QAM	25	0	18.11	18.17	18.08	19	5
10	256QAM	25	12	17.99	17.93	17.99		
10	256QAM	25	25	17.73	18.03	17.77		
10	256QAM	50	0	18.00	17.73	17.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.19	23.07	24	0
5	QPSK	1	12	23.05	23.17	23.03		
5	QPSK	1	24	22.98	22.99	23.05		
5	QPSK	12	0	21.95	22.11	22.02	23	1
5	QPSK	12	7	21.93	22.21	21.96		
5	QPSK	12	13	21.98	22.04	21.99		
5	QPSK	25	0	22.01	22.10	21.96		
5	16QAM	1	0	21.85	21.94	21.98	23	1
5	16QAM	1	12	21.76	22.10	21.94		
5	16QAM	1	24	21.90	21.75	21.73		
5	16QAM	12	0	20.94	21.23	21.22	22	2
5	16QAM	12	7	20.92	21.17	21.11		
5	16QAM	12	13	21.08	20.90	21.05		
5	16QAM	25	0	20.92	20.99	20.99		
5	64QAM	1	0	20.89	20.90	21.12	22	2
5	64QAM	1	12	20.74	21.10	20.89		
5	64QAM	1	24	20.95	20.71	20.76		
5	64QAM	12	0	20.09	20.32	19.98	21	3
5	64QAM	12	7	20.02	20.10	19.97		
5	64QAM	12	13	20.05	19.99	20.00		
5	64QAM	25	0	20.12	20.07	19.96		
5	256QAM	1	0	18.12	18.17	18.14	19	5
5	256QAM	1	12	18.03	18.09	18.01		
5	256QAM	1	24	18.02	17.99	17.98		
5	256QAM	12	0	18.13	18.16	18.03	19	5
5	256QAM	12	7	17.93	18.08	17.92		
5	256QAM	12	13	17.80	18.13	17.73		
5	256QAM	25	0	18.07	17.75	17.89		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.14	23.09	23.07	24	0
3	QPSK	1	8	22.90	23.11	22.89		
3	QPSK	1	14	22.93	23.03	23.04		
3	QPSK	8	0	22.03	22.17	22.12	23	1
3	QPSK	8	4	21.94	22.22	22.04		
3	QPSK	8	7	21.99	22.05	21.97		
3	QPSK	15	0	22.10	22.14	22.05		
3	16QAM	1	0	21.92	22.07	21.96	23	1
3	16QAM	1	8	21.71	22.01	21.85		
3	16QAM	1	14	21.93	21.75	21.86		
3	16QAM	8	0	20.95	21.20	21.19	22	2
3	16QAM	8	4	20.95	21.20	21.04		
3	16QAM	8	7	20.98	21.05	21.13		
3	16QAM	15	0	20.97	21.09	21.05		
3	64QAM	1	0	20.85	21.01	21.00	22	2
3	64QAM	1	8	20.69	21.02	20.74		
3	64QAM	1	14	21.02	20.73	20.78		
3	64QAM	8	0	20.07	20.21	20.06	21	3
3	64QAM	8	4	20.13	20.23	20.06		
3	64QAM	8	7	20.16	20.10	20.01		
3	64QAM	15	0	20.06	19.96	19.99		
3	256QAM	1	0	18.15	18.12	18.17	19	5
3	256QAM	1	8	18.03	18.07	18.08		
3	256QAM	1	14	17.93	17.92	17.89		
3	256QAM	8	0	18.13	18.18	17.92	19	5
3	256QAM	8	4	17.95	17.97	18.01		
3	256QAM	8	7	17.76	18.08	17.77		
3	256QAM	15	0	17.98	17.85	17.78		
Channel				26677	26865	27053	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.05	23.16	23.16	24	0
1.4	QPSK	1	3	23.00	23.18	22.96		
1.4	QPSK	1	5	22.97	23.03	23.07		
1.4	QPSK	3	0	22.96	23.00	23.02		
1.4	QPSK	3	1	22.84	23.14	22.80		
1.4	QPSK	3	3	22.77	22.98	22.97		
1.4	QPSK	6	0	22.11	22.02	21.95	23	1
1.4	16QAM	1	0	21.99	21.92	22.02	23	1
1.4	16QAM	1	3	21.83	22.01	21.90		
1.4	16QAM	1	5	21.88	21.87	21.90		
1.4	16QAM	3	0	21.92	21.73	21.93		
1.4	16QAM	3	1	21.77	21.90	21.81		
1.4	16QAM	3	3	21.76	21.75	21.73		
1.4	16QAM	6	0	21.05	21.07	20.97	22	2
1.4	64QAM	1	0	20.90	20.91	21.01	22	2
1.4	64QAM	1	3	20.91	21.17	20.86		
1.4	64QAM	1	5	21.00	20.71	20.83		
1.4	64QAM	3	0	20.82	20.79	20.81		
1.4	64QAM	3	1	20.87	21.05	20.78		
1.4	64QAM	3	3	20.87	20.84	20.70		
1.4	64QAM	6	0	20.07	20.05	19.93	21	3
1.4	256QAM	1	0	18.00	18.11	18.08	19	5
1.4	256QAM	1	3	17.95	18.07	17.99		
1.4	256QAM	1	5	17.94	17.98	17.98		
1.4	256QAM	3	0	18.11	18.04	18.02		
1.4	256QAM	3	1	17.92	17.93	18.00		
1.4	256QAM	3	3	17.86	18.07	17.83		
1.4	256QAM	6	0	18.10	17.74	17.78	19	5

Band 66 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.87	22.91	22.85	24	0
20	QPSK	1	49	22.66	22.84	22.78		
20	QPSK	1	99	22.74	22.72	22.78		
20	QPSK	50	0	21.78	21.95	21.91	23	1
20	QPSK	50	24	21.86	21.87	21.70		
20	QPSK	50	50	21.78	21.77	21.70		
20	QPSK	100	0	21.85	21.90	21.88		
20	16QAM	1	0	21.65	21.87	21.81	23	1
20	16QAM	1	49	21.63	21.74	21.68		
20	16QAM	1	99	21.61	21.63	21.59		
20	16QAM	50	0	20.77	20.88	20.92	22	2
20	16QAM	50	24	20.88	20.91	20.63		
20	16QAM	50	50	20.87	20.76	20.73		
20	16QAM	100	0	20.82	20.99	20.81		
20	64QAM	1	0	20.69	20.78	20.86	22	2
20	64QAM	1	49	20.62	20.80	20.63		
20	64QAM	1	99	20.60	20.61	20.67		
20	64QAM	50	0	19.85	19.88	19.86	21	3
20	64QAM	50	24	19.90	19.93	19.73		
20	64QAM	50	50	19.81	19.79	19.72		
20	64QAM	100	0	19.78	19.83	19.83		
20	256QAM	1	0	17.77	18.00	17.97	19	5
20	256QAM	1	49	17.95	17.94	17.62		
20	256QAM	1	99	17.87	17.86	17.65		
20	256QAM	50	0	17.76	17.82	17.87	19	5
20	256QAM	50	24	17.69	17.93	17.88		
20	256QAM	50	50	17.71	17.72	17.76		
20	256QAM	100	0	17.54	17.60	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.82	22.71	22.72	24	0
15	QPSK	1	37	22.58	22.70	22.62		
15	QPSK	1	74	22.55	22.62	22.61		
15	QPSK	36	0	21.59	21.80	21.75	23	1
15	QPSK	36	20	21.70	21.66	21.52		
15	QPSK	36	39	21.72	21.64	21.63		
15	QPSK	75	0	21.74	21.82	21.79		
15	16QAM	1	0	21.57	21.73	21.72	23	1
15	16QAM	1	37	21.50	21.67	21.64		
15	16QAM	1	74	21.40	21.47	21.49		
15	16QAM	36	0	20.61	20.78	20.81	22	2
15	16QAM	36	20	20.76	20.75	20.44		
15	16QAM	36	39	20.84	20.71	20.64		
15	16QAM	75	0	20.78	20.88	20.69		
15	64QAM	1	0	20.62	20.72	20.78	22	2
15	64QAM	1	37	20.56	20.60	20.46		
15	64QAM	1	74	20.43	20.46	20.57		
15	64QAM	36	0	19.76	19.80	19.69	21	3
15	64QAM	36	20	19.81	19.76	19.68		
15	64QAM	36	39	19.75	19.73	19.59		
15	64QAM	75	0	19.65	19.74	19.67		
15	256QAM	1	0	17.62	17.81	17.90	19	5
15	256QAM	1	37	17.76	17.88	17.51		
15	256QAM	1	74	17.71	17.80	17.49		
15	256QAM	36	0	17.57	17.73	17.76	19	5
15	256QAM	36	20	17.51	17.81	17.75		
15	256QAM	36	39	17.51	17.64	17.69		
15	256QAM	75	0	17.48	17.50	17.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.66	22.76	22.81	24	0
10	QPSK	1	25	22.54	22.81	22.62		
10	QPSK	1	49	22.57	22.52	22.67		
10	QPSK	25	0	21.75	21.80	21.82	23	1
10	QPSK	25	12	21.77	21.66	21.51		
10	QPSK	25	25	21.63	21.72	21.58		
10	QPSK	50	0	21.77	21.75	21.84		
10	16QAM	1	0	21.46	21.73	21.63	23	1
10	16QAM	1	25	21.45	21.69	21.53		
10	16QAM	1	49	21.54	21.49	21.55		
10	16QAM	25	0	20.60	20.74	20.86	22	2
10	16QAM	25	12	20.85	20.86	20.58		
10	16QAM	25	25	20.66	20.61	20.61		
10	16QAM	50	0	20.78	20.91	20.72		
10	64QAM	1	0	20.64	20.70	20.67	22	2
10	64QAM	1	25	20.51	20.68	20.45		
10	64QAM	1	49	20.56	20.41	20.48		
10	64QAM	25	0	19.70	19.73	19.77	21	3
10	64QAM	25	12	19.73	19.74	19.62		
10	64QAM	25	25	19.65	19.63	19.56		
10	64QAM	50	0	19.68	19.73	19.72		
10	256QAM	1	0	17.59	17.93	17.78	19	5
10	256QAM	1	25	17.92	17.88	17.73		
10	256QAM	1	49	17.66	17.76	17.49		
10	256QAM	25	0	17.61	17.71	17.81	19	5
10	256QAM	25	12	17.65	17.83	17.74		
10	256QAM	25	25	17.56	17.68	17.70		
10	256QAM	50	0	17.36	17.55	17.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.68	22.77	22.82	24	0
5	QPSK	1	12	22.51	22.66	22.66		
5	QPSK	1	24	22.70	22.54	22.70		
5	QPSK	12	0	21.59	21.87	21.80	23	1
5	QPSK	12	7	21.70	21.75	21.51		
5	QPSK	12	13	21.63	21.63	21.53		
5	QPSK	25	0	21.75	21.71	21.75		
5	16QAM	1	0	21.61	21.71	21.71	23	1
5	16QAM	1	12	21.52	21.59	21.58		
5	16QAM	1	24	21.44	21.55	21.43		
5	16QAM	12	0	20.59	20.82	20.85	22	2
5	16QAM	12	7	20.80	20.82	20.52		
5	16QAM	12	13	20.76	20.56	20.68		
5	16QAM	25	0	20.70	20.82	20.77		
5	64QAM	1	0	20.61	20.60	20.66	22	2
5	64QAM	1	12	20.49	20.70	20.42		
5	64QAM	1	24	20.60	20.53	20.57		
5	64QAM	12	0	19.75	19.74	19.71	21	3
5	64QAM	12	7	19.84	19.83	19.61		
5	64QAM	12	13	19.73	19.70	19.54		
5	64QAM	25	0	19.73	19.65	19.63		
5	256QAM	1	0	17.67	17.79	17.93	19	5
5	256QAM	1	12	17.76	17.78	17.58		
5	256QAM	1	24	17.77	17.68	17.45		
5	256QAM	12	0	17.68	17.69	17.81	19	5
5	256QAM	12	7	17.62	17.79	17.81		
5	256QAM	12	13	17.61	17.52	17.63		
5	256QAM	25	0	17.43	17.55	17.46		
Channel				131847	132322	132797	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.67	22.79	22.71	24	0
3	QPSK	1	8	22.56	22.70	22.72		
3	QPSK	1	14	22.69	22.64	22.63		
3	QPSK	8	0	21.67	21.88	21.75	23	1
3	QPSK	8	4	21.77	21.69	21.50		
3	QPSK	8	7	21.67	21.59	21.64		
3	QPSK	15	0	21.68	21.78	21.78		
3	16QAM	1	0	21.61	21.71	21.62	23	1
3	16QAM	1	8	21.57	21.57	21.55		
3	16QAM	1	14	21.55	21.46	21.40		
3	16QAM	8	0	20.58	20.69	20.83	22	2
3	16QAM	8	4	20.67	20.80	20.48		
3	16QAM	8	7	20.80	20.55	20.55		
3	16QAM	15	0	20.65	20.95	20.63		
3	64QAM	1	0	20.60	20.69	20.78	22	2
3	64QAM	1	8	20.55	20.69	20.52		
3	64QAM	1	14	20.51	20.56	20.63		
3	64QAM	8	0	19.64	19.80	19.69	21	3
3	64QAM	8	4	19.75	19.88	19.62		
3	64QAM	8	7	19.70	19.71	19.60		
3	64QAM	15	0	19.73	19.69	19.73		
3	256QAM	1	0	17.57	17.89	17.90	19	5
3	256QAM	1	8	17.84	17.74	17.50		
3	256QAM	1	14	17.66	17.79	17.51		
3	256QAM	8	0	17.73	17.84	17.68	19	5
3	256QAM	8	4	17.63	17.78	17.71		
3	256QAM	8	7	17.57	17.52	17.69		
3	256QAM	15	0	17.35	17.49	17.39		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.76	22.70	22.77	24	0
1.4	QPSK	1	3	22.61	22.65	22.65		
1.4	QPSK	1	5	22.70	22.66	22.71		
1.4	QPSK	3	0	22.56	22.50	22.68		
1.4	QPSK	3	1	22.41	22.55	22.58		
1.4	QPSK	3	3	22.50	22.55	22.51		
1.4	QPSK	6	0	21.74	21.84	21.75	23	1
1.4	16QAM	1	0	21.50	21.79	21.60	23	1
1.4	16QAM	1	3	21.56	21.68	21.50		
1.4	16QAM	1	5	21.42	21.45	21.50		
1.4	16QAM	3	0	21.37	21.71	21.42		
1.4	16QAM	3	1	21.53	21.59	21.30		
1.4	16QAM	3	3	21.30	21.29	21.45		
1.4	16QAM	6	0	20.69	20.87	20.76	22	2
1.4	64QAM	1	0	20.54	20.58	20.74	22	2
1.4	64QAM	1	3	20.56	20.74	20.49		
1.4	64QAM	1	5	20.45	20.44	20.49		
1.4	64QAM	3	0	20.49	20.45	20.69		
1.4	64QAM	3	1	20.47	20.56	20.34		
1.4	64QAM	3	3	20.31	20.31	20.39		
1.4	64QAM	6	0	19.61	19.67	19.66	21	3
1.4	256QAM	1	0	17.64	17.93	17.88	19	5
1.4	256QAM	1	3	17.76	17.77	17.53		
1.4	256QAM	1	5	17.82	17.72	17.46		
1.4	256QAM	3	0	17.61	17.79	17.71		
1.4	256QAM	3	1	17.54	17.79	17.82		
1.4	256QAM	3	3	17.54	17.67	17.67		
1.4	256QAM	6	0	17.45	17.40	17.39	19	5

Band 7 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.13	23.10	24	0
20	QPSK	1	49	22.89	23.04	23.03		
20	QPSK	1	99	23.00	23.01	22.95		
20	QPSK	50	0	22.03	22.10	22.05	23	1
20	QPSK	50	24	21.84	22.01	21.98		
20	QPSK	50	50	22.09	22.03	21.90		
20	QPSK	100	0	22.00	22.07	22.01		
20	16QAM	1	0	21.95	22.04	21.83	23	1
20	16QAM	1	49	21.69	21.92	21.91		
20	16QAM	1	99	21.89	21.90	21.67		
20	16QAM	50	0	21.03	21.15	21.11	22	2
20	16QAM	50	24	20.85	20.96	21.07		
20	16QAM	50	50	21.06	20.97	20.91		
20	16QAM	100	0	21.07	21.03	20.92		
20	64QAM	1	0	21.03	21.02	20.84	22	2
20	64QAM	1	49	20.64	21.00	20.95		
20	64QAM	1	99	20.95	20.87	20.93		
20	64QAM	50	0	20.01	20.08	20.12	21	3
20	64QAM	50	24	19.81	19.95	19.92		
20	64QAM	50	50	20.18	20.10	19.91		
20	64QAM	100	0	20.00	20.15	20.09		
20	256QAM	1	0	18.11	18.18	18.04	19	5
20	256QAM	1	49	17.84	17.97	17.92		
20	256QAM	1	99	18.03	17.96	17.88		
20	256QAM	50	0	18.00	18.10	17.98	19	5
20	256QAM	50	24	17.88	18.01	17.79		
20	256QAM	50	50	17.75	17.95	17.92		
20	256QAM	100	0	17.88	17.92	17.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.03	23.08	23.06	24	0
15	QPSK	1	37	22.81	22.92	22.83		
15	QPSK	1	74	22.90	22.92	22.79		
15	QPSK	36	0	21.99	21.94	21.86	23	1
15	QPSK	36	20	21.65	21.84	21.84		
15	QPSK	36	39	21.89	21.93	21.75		
15	QPSK	75	0	21.96	22.04	21.91		
15	16QAM	1	0	21.85	21.93	21.70	23	1
15	16QAM	1	37	21.62	21.76	21.88		
15	16QAM	1	74	21.69	21.82	21.60		
15	16QAM	36	0	20.89	21.03	21.05	22	2
15	16QAM	36	20	20.65	20.93	20.97		
15	16QAM	36	39	20.91	20.87	20.82		
15	16QAM	75	0	21.04	20.90	20.80		
15	64QAM	1	0	20.96	20.87	20.65	22	2
15	64QAM	1	37	20.55	20.91	20.86		
15	64QAM	1	74	20.84	20.66	20.89		
15	64QAM	36	0	19.86	20.04	19.96	21	3
15	64QAM	36	20	19.70	19.91	19.89		
15	64QAM	36	39	20.01	19.96	19.83		
15	64QAM	75	0	19.82	20.01	19.95		
15	256QAM	1	0	17.98	18.03	17.85	19	5
15	256QAM	1	37	17.70	17.84	17.86		
15	256QAM	1	74	17.83	17.83	17.80		
15	256QAM	36	0	17.87	18.05	17.82	19	5
15	256QAM	36	20	17.76	17.91	17.61		
15	256QAM	36	39	17.61	17.85	17.84		
15	256QAM	75	0	17.82	17.75	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.02	22.93	23.04	24	0
10	QPSK	1	25	22.70	22.96	22.94		
10	QPSK	1	49	22.89	22.81	22.81		
10	QPSK	25	0	21.89	21.91	21.90	23	1
10	QPSK	25	12	21.65	21.93	21.80		
10	QPSK	25	25	21.90	21.84	21.74		
10	QPSK	50	0	21.85	21.89	21.95		
10	16QAM	1	0	21.86	21.95	21.78	23	1
10	16QAM	1	25	21.52	21.72	21.74		
10	16QAM	1	49	21.73	21.77	21.60		
10	16QAM	25	0	20.91	21.08	20.98	22	2
10	16QAM	25	12	20.69	20.88	20.93		
10	16QAM	25	25	20.87	20.88	20.87		
10	16QAM	50	0	20.93	20.83	20.83		
10	64QAM	1	0	20.84	20.89	20.67	22	2
10	64QAM	1	25	20.44	20.81	20.87		
10	64QAM	1	49	20.79	20.75	20.76		
10	64QAM	25	0	19.80	20.01	19.93	21	3
10	64QAM	25	12	19.64	19.89	19.89		
10	64QAM	25	25	20.01	20.05	19.83		
10	64QAM	50	0	19.84	19.95	20.01		
10	256QAM	1	0	17.95	18.07	17.91	19	5
10	256QAM	1	25	17.72	17.92	17.88		
10	256QAM	1	49	17.92	17.92	17.74		
10	256QAM	25	0	17.91	17.93	17.80	19	5
10	256QAM	25	12	17.79	17.91	17.58		
10	256QAM	25	25	17.64	17.87	17.73		
10	256QAM	50	0	17.77	17.88	17.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.89	23.00	23.07	24	0
5	QPSK	1	12	22.77	22.93	22.97		
5	QPSK	1	24	22.83	22.83	22.81		
5	QPSK	12	0	21.97	22.06	21.88	23	1
5	QPSK	12	7	21.68	21.83	21.80		
5	QPSK	12	13	21.94	21.93	21.83		
5	QPSK	25	0	21.92	21.99	21.80		
5	16QAM	1	0	21.74	21.93	21.88	23	1
5	16QAM	1	12	21.55	21.77	21.78		
5	16QAM	1	24	21.72	21.70	21.58		
5	16QAM	12	0	20.97	20.97	21.06	22	2
5	16QAM	12	7	20.68	20.80	20.86		
5	16QAM	12	13	20.94	20.82	20.71		
5	16QAM	25	0	20.93	20.96	20.77		
5	64QAM	1	0	20.88	20.91	20.64	22	2
5	64QAM	1	12	20.52	20.91	20.83		
5	64QAM	1	24	20.89	20.81	20.89		
5	64QAM	12	0	19.88	20.02	20.06	21	3
5	64QAM	12	7	19.68	19.87	19.87		
5	64QAM	12	13	19.99	19.96	19.81		
5	64QAM	25	0	19.94	20.11	19.90		
5	256QAM	1	0	17.95	18.08	17.98	19	5
5	256QAM	1	12	17.76	17.94	17.86		
5	256QAM	1	24	17.93	17.88	17.75		
5	256QAM	12	0	17.96	17.93	17.87	19	5
5	256QAM	12	7	17.77	17.81	17.73		
5	256QAM	12	13	17.56	17.83	17.84		
5	256QAM	25	0	17.69	17.81	17.63		

Band 2 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.54	16.75	16.53		
20	QPSK	1	49	16.50	16.69	16.48	17.6	0
20	QPSK	1	99	16.54	16.51	16.43		
20	QPSK	50	0	16.60	16.71	16.35		
20	QPSK	50	24	16.47	16.58	16.56	17.6	0
20	QPSK	50	50	16.44	16.55	16.56		
20	QPSK	100	0	16.47	16.70	16.60		
20	16QAM	1	0	16.46	16.50	16.60		
20	16QAM	1	49	16.24	16.48	16.34	17.6	0
20	16QAM	1	99	16.38	16.31	16.33		
20	16QAM	50	0	16.48	16.51	16.25		
20	16QAM	50	24	16.26	16.55	16.36	17.6	0
20	16QAM	50	50	16.29	16.37	16.31		
20	16QAM	100	0	16.21	16.49	16.32		
20	64QAM	1	0	16.34	16.44	16.58		
20	64QAM	1	49	16.31	16.47	16.40	17.6	0
20	64QAM	1	99	16.19	16.31	16.40		
20	64QAM	50	0	16.53	16.53	16.28		
20	64QAM	50	24	16.33	16.48	16.34	17.6	0
20	64QAM	50	50	16.33	16.59	16.49		
20	64QAM	100	0	16.28	16.46	16.24		
20	256QAM	1	0	16.42	16.46	16.35		
20	256QAM	1	49	16.24	16.29	16.29	17.5	0.1
20	256QAM	1	99	16.24	16.22	16.16		
20	256QAM	50	0	16.32	16.27	16.27		
20	256QAM	50	24	16.31	16.39	16.25	17.5	0.1
20	256QAM	50	50	16.13	16.43	16.34		
20	256QAM	100	0	16.13	16.21	16.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.36	16.65	16.33		
15	QPSK	1	37	16.30	16.45	16.42	17.6	0
15	QPSK	1	74	16.39	16.40	16.32		
15	QPSK	36	0	16.49	16.56	16.21		
15	QPSK	36	20	16.26	16.51	16.40	17.6	0
15	QPSK	36	39	16.35	16.36	16.39		
15	QPSK	75	0	16.29	16.56	16.44		
15	16QAM	1	0	16.23	16.38	16.40		
15	16QAM	1	37	16.09	16.28	16.15	17.6	0
15	16QAM	1	74	16.26	16.18	16.18		
15	16QAM	36	0	16.42	16.40	16.09		
15	16QAM	36	20	16.14	16.35	16.18	17.6	0
15	16QAM	36	39	16.20	16.30	16.16		
15	16QAM	75	0	15.99	16.41	16.25		
15	64QAM	1	0	16.17	16.34	16.48		
15	64QAM	1	37	16.09	16.29	16.22	17.6	0
15	64QAM	1	74	16.01	16.19	16.17		
15	64QAM	36	0	16.45	16.39	16.13		
15	64QAM	36	20	16.10	16.29	16.27	17.6	0
15	64QAM	36	39	16.11	16.44	16.31		
15	64QAM	75	0	16.21	16.36	16.14		
15	256QAM	1	0	16.33	16.37	16.13		
15	256QAM	1	37	16.16	16.22	16.17	17.5	0.1
15	256QAM	1	74	16.13	16.12	16.09		
15	256QAM	36	0	16.25	16.11	16.19		
15	256QAM	36	20	16.08	16.23	16.17	17.5	0.1
15	256QAM	36	39	15.99	16.29	16.27		
15	256QAM	75	0	15.97	16.08	16.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.40	16.59	16.37		
10	QPSK	1	25	16.40	16.53	16.40	17.6	0
10	QPSK	1	49	16.40	16.33	16.34		
10	QPSK	25	0	16.46	16.48	16.12		
10	QPSK	25	12	16.32	16.36	16.40	17.6	0
10	QPSK	25	25	16.27	16.32	16.42		
10	QPSK	50	0	16.33	16.54	16.42		
10	16QAM	1	0	16.35	16.36	16.44		
10	16QAM	1	25	16.07	16.30	16.16	17.6	0
10	16QAM	1	49	16.26	16.18	16.09		
10	16QAM	25	0	16.24	16.30	16.11		
10	16QAM	25	12	16.16	16.41	16.27	17.6	0
10	16QAM	25	25	16.21	16.22	16.20		
10	16QAM	50	0	15.98	16.40	16.11		
10	64QAM	1	0	16.19	16.21	16.38		
10	64QAM	1	25	16.24	16.28	16.26	17.6	0
10	64QAM	1	49	16.02	16.22	16.19		
10	64QAM	25	0	16.41	16.32	16.18		
10	64QAM	25	12	16.27	16.25	16.18	17.6	0
10	64QAM	25	25	16.27	16.43	16.27		
10	64QAM	50	0	16.18	16.29	16.07		
10	256QAM	1	0	16.11	16.28	16.28		
10	256QAM	1	25	16.05	16.06	16.23	17.5	0.1
10	256QAM	1	49	16.04	16.16	15.94		
10	256QAM	25	0	16.09	16.05	16.05		
10	256QAM	25	12	16.13	16.16	16.07	17.5	0.1
10	256QAM	25	25	15.93	16.35	16.14		
10	256QAM	50	0	16.01	16.08	15.99		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.31	16.65	16.44		
5	QPSK	1	12	16.43	16.62	16.39	17.6	0
5	QPSK	1	24	16.44	16.38	16.28		
5	QPSK	12	0	16.40	16.51	16.25		
5	QPSK	12	7	16.25	16.46	16.40	17.6	0
5	QPSK	12	13	16.28	16.32	16.36		
5	QPSK	25	0	16.23	16.63	16.40		
5	16QAM	1	0	16.38	16.29	16.05		
5	16QAM	1	12	16.14	16.35	16.24	17.6	0
5	16QAM	1	24	16.28	16.21	16.21		
5	16QAM	12	0	16.35	16.29	16.05		
5	16QAM	12	7	16.07	16.36	16.29	17.6	0
5	16QAM	12	13	16.16	16.26	16.17		
5	16QAM	25	0	16.07	16.42	16.13		
5	64QAM	1	0	16.27	16.31	16.45		
5	64QAM	1	12	16.24	16.36	16.28	17.6	0
5	64QAM	1	24	16.21	16.19	16.17		
5	64QAM	12	0	16.42	16.34	16.15		
5	64QAM	12	7	16.20	16.32	16.27	17.6	0
5	64QAM	12	13	16.23	16.45	16.30		
5	64QAM	25	0	16.18	16.24	16.18		
5	256QAM	1	0	16.20	16.31	16.24		
5	256QAM	1	12	16.14	16.09	16.22	17.5	0.1
5	256QAM	1	24	16.11	16.10	16.07		
5	256QAM	12	0	16.17	16.08	16.12		
5	256QAM	12	7	16.21	16.20	16.06	17.5	0.1
5	256QAM	12	13	16.05	16.20	16.19		
5	256QAM	25	0	16.02	16.13	16.09		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.35	16.65	16.36		
3	QPSK	1	8	16.42	16.62	16.42	17.6	0
3	QPSK	1	14	16.31	16.44	16.36		
3	QPSK	8	0	16.53	16.64	16.27		
3	QPSK	8	4	16.32	16.37	16.46	17.6	0
3	QPSK	8	7	16.31	16.33	16.34		
3	QPSK	15	0	16.29	16.46	16.45		
3	16QAM	1	0	16.22	16.40	16.47		
3	16QAM	1	8	16.03	16.36	16.24	17.6	0
3	16QAM	1	14	16.24	16.07	16.13		
3	16QAM	8	0	16.28	16.38	16.14		
3	16QAM	8	4	16.04	16.32	16.22	17.6	0
3	16QAM	8	7	16.07	16.26	16.25		
3	16QAM	15	0	15.98	16.26	16.16		
3	64QAM	1	0	16.27	16.28	16.47		
3	64QAM	1	8	16.13	16.28	16.23	17.6	0
3	64QAM	1	14	15.98	16.09	16.19		
3	64QAM	8	0	16.30	16.42	16.18		
3	64QAM	8	4	16.25	16.38	16.22	17.6	0
3	64QAM	8	7	16.21	16.47	16.37		
3	64QAM	15	0	16.05	16.28	16.01		
3	256QAM	1	0	16.34	16.25	16.22		
3	256QAM	1	8	16.06	16.17	16.14	17.5	0.1
3	256QAM	1	14	16.17	16.13	15.96		
3	256QAM	8	0	16.17	16.15	16.12		
3	256QAM	8	4	16.14	16.30	16.18	17.5	0.1
3	256QAM	8	7	16.02	16.28	16.28		
3	256QAM	15	0	16.04	16.05	16.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.35	16.55	16.40		
1.4	QPSK	1	3	16.36	16.55	16.38		
1.4	QPSK	1	5	16.35	16.31	16.20	17.6	0
1.4	QPSK	3	0	16.36	16.56	16.28		
1.4	QPSK	3	1	16.29	16.51	16.44		
1.4	QPSK	3	3	16.20	16.35	16.39		
1.4	QPSK	6	0	16.29	16.49	16.49	17.6	0
1.4	16QAM	1	0	16.32	16.40	16.46		
1.4	16QAM	1	3	16.10	16.24	16.14		
1.4	16QAM	1	5	16.31	16.08	16.11	17.6	0
1.4	16QAM	3	0	16.30	16.32	16.05		
1.4	16QAM	3	1	16.18	16.35	16.24		
1.4	16QAM	3	3	16.11	16.30	16.23		
1.4	16QAM	6	0	16.09	16.34	16.15	17.6	0
1.4	64QAM	1	0	16.22	16.35	16.42		
1.4	64QAM	1	3	16.09	16.27	16.28		
1.4	64QAM	1	5	16.08	16.14	16.24	17.6	0
1.4	64QAM	3	0	16.36	16.40	16.16		
1.4	64QAM	3	1	16.15	16.28	16.19		
1.4	64QAM	3	3	16.19	16.47	16.33		
1.4	64QAM	6	0	16.12	16.34	16.02	17.6	0
1.4	256QAM	1	0	16.23	16.35	16.26		
1.4	256QAM	1	3	16.05	16.14	16.15		
1.4	256QAM	1	5	16.05	16.14	16.08	17.5	0.1
1.4	256QAM	3	0	16.16	16.19	16.14		
1.4	256QAM	3	1	16.07	16.27	16.05		
1.4	256QAM	3	3	15.90	16.22	16.11		
1.4	256QAM	6	0	16.04	16.11	16.02	17.5	0.1

Band 4 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.59	19.67	19.63		
20	QPSK	1	49	19.50	19.60	19.41	20.6	0
20	QPSK	1	99	19.36	19.36	19.51		
20	QPSK	50	0	19.49	19.48	19.47		
20	QPSK	50	24	19.27	19.44	19.21	20.6	0
20	QPSK	50	50	19.24	19.27	19.45		
20	QPSK	100	0	19.37	19.47	19.52		
20	16QAM	1	0	19.32	19.34	19.44		
20	16QAM	1	49	19.25	19.53	19.19	20.6	0
20	16QAM	1	99	19.10	19.26	19.33		
20	16QAM	50	0	19.26	19.24	19.27		
20	16QAM	50	24	19.30	19.24	19.22	20.5	0.1
20	16QAM	50	50	19.15	19.22	19.39		
20	16QAM	100	0	19.31	19.32	19.32		
20	64QAM	1	0	19.12	19.36	19.43		
20	64QAM	1	49	19.16	19.39	19.10	20.5	0.1
20	64QAM	1	99	19.02	19.19	19.28		
20	64QAM	50	0	18.43	18.46	18.38		
20	64QAM	50	24	18.21	18.41	18.36	19.5	1.1
20	64QAM	50	50	18.29	18.45	18.37		
20	64QAM	100	0	18.45	18.37	18.25		
20	256QAM	1	0	16.38	16.36	16.33		
20	256QAM	1	49	16.26	16.28	16.09	17.5	3.1
20	256QAM	1	99	16.09	16.15	16.37		
20	256QAM	50	0	16.35	16.39	16.35		
20	256QAM	50	24	16.05	16.20	16.32	17.5	3.1
20	256QAM	50	50	16.23	16.26	15.98		
20	256QAM	100	0	16.12	16.04	16.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.52	19.51	19.49		
15	QPSK	1	37	19.38	19.54	19.42	20.6	0
15	QPSK	1	74	19.31	19.32	19.46		
15	QPSK	36	0	19.42	19.42	19.35		
15	QPSK	36	20	19.15	19.28	19.13	20.6	0
15	QPSK	36	39	19.13	19.18	19.39		
15	QPSK	75	0	19.19	19.29	19.48		
15	16QAM	1	0	19.20	19.28	19.30		
15	16QAM	1	37	19.04	19.46	19.04	20.6	0
15	16QAM	1	74	18.97	19.15	19.30		
15	16QAM	36	0	19.19	19.15	19.23		
15	16QAM	36	20	19.22	19.03	19.07	20.5	0.1
15	16QAM	36	39	19.03	19.16	19.27		
15	16QAM	75	0	19.26	19.17	19.24		
15	64QAM	1	0	19.06	19.16	19.26		
15	64QAM	1	37	19.05	19.30	18.95	20.5	0.1
15	64QAM	1	74	18.83	18.98	19.16		
15	64QAM	36	0	18.22	18.30	18.23		
15	64QAM	36	20	18.26	18.28	18.25	19.5	1.1
15	64QAM	36	39	18.08	18.32	18.21		
15	64QAM	75	0	18.40	18.28	18.14		
15	256QAM	1	0	16.31	16.24	16.16		
15	256QAM	1	37	16.15	16.15	15.94	17.5	3.1
15	256QAM	1	74	15.90	15.96	16.30		
15	256QAM	36	0	16.15	16.31	16.24		
15	256QAM	36	20	16.00	16.13	16.13	17.5	3.1
15	256QAM	36	39	16.05	16.07	15.84		
15	256QAM	75	0	16.04	15.97	16.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.49	19.52	19.59		
10	QPSK	1	25	19.32	19.53	19.26	20.6	0
10	QPSK	1	49	19.32	19.17	19.40		
10	QPSK	25	0	19.35	19.43	19.43		
10	QPSK	25	12	19.16	19.40	19.00	20.6	0
10	QPSK	25	25	19.15	19.15	19.29		
10	QPSK	50	0	19.25	19.41	19.39		
10	16QAM	1	0	19.18	19.27	19.28		
10	16QAM	1	25	19.19	19.36	19.12	20.6	0
10	16QAM	1	49	18.98	19.12	19.27		
10	16QAM	25	0	19.14	19.18	19.07		
10	16QAM	25	12	19.24	19.05	19.04	20.5	0.1
10	16QAM	25	25	18.94	19.11	19.33		
10	16QAM	50	0	19.14	19.27	19.17		
10	64QAM	1	0	19.00	19.29	19.39		
10	64QAM	1	25	19.01	19.20	19.02	20.5	0.1
10	64QAM	1	49	18.98	19.11	19.22		
10	64QAM	25	0	18.25	18.31	18.30		
10	64QAM	25	12	18.19	18.36	18.26	19.5	1.1
10	64QAM	25	25	18.16	18.29	18.33		
10	64QAM	50	0	18.39	18.22	18.11		
10	256QAM	1	0	16.28	16.28	16.27		
10	256QAM	1	25	16.05	16.18	15.98	17.5	3.1
10	256QAM	1	49	16.00	16.02	16.30		
10	256QAM	25	0	16.18	16.29	16.32		
10	256QAM	25	12	15.87	16.00	16.13	17.5	3.1
10	256QAM	25	25	16.03	16.23	15.85		
10	256QAM	50	0	16.08	15.91	16.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.50	19.52	19.54		
5	QPSK	1	12	19.33	19.56	19.31	20.6	0
5	QPSK	1	24	19.18	19.29	19.43		
5	QPSK	12	0	19.46	19.32	19.32		
5	QPSK	12	7	19.20	19.37	19.02	20.6	0
5	QPSK	12	13	19.08	19.13	19.27		
5	QPSK	25	0	19.26	19.39	19.48		
5	16QAM	1	0	19.24	19.14	19.25		
5	16QAM	1	12	19.07	19.50	19.04	20.6	0
5	16QAM	1	24	19.05	19.23	19.26		
5	16QAM	12	0	19.15	19.08	19.13		
5	16QAM	12	7	19.15	19.14	19.12	20.5	0.1
5	16QAM	12	13	18.95	19.18	19.33		
5	16QAM	25	0	19.24	19.19	19.16		
5	64QAM	1	0	18.91	19.26	19.37		
5	64QAM	1	12	19.08	19.35	18.96	20.5	0.1
5	64QAM	1	24	19.07	18.99	19.11		
5	64QAM	12	0	18.32	18.39	18.25		
5	64QAM	12	7	18.25	18.32	18.19	19.5	1.1
5	64QAM	12	13	18.16	18.42	18.32		
5	64QAM	25	0	18.33	18.18	18.05		
5	256QAM	1	0	16.28	16.33	16.19		
5	256QAM	1	12	16.17	16.14	16.04	17.5	3.1
5	256QAM	1	24	16.00	16.02	16.17		
5	256QAM	12	0	16.23	16.23	16.19		
5	256QAM	12	7	16.01	16.15	16.12	17.5	3.1
5	256QAM	12	13	16.15	16.16	15.91		
5	256QAM	25	0	16.03	15.89	16.18		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.43	19.59	19.54		
3	QPSK	1	8	19.42	19.51	19.25	20.6	0
3	QPSK	1	14	19.29	19.32	19.34		
3	QPSK	8	0	19.29	19.30	19.43		
3	QPSK	8	4	19.09	19.35	19.06	20.6	0
3	QPSK	8	7	19.12	19.16	19.39		
3	QPSK	15	0	19.27	19.30	19.38		
3	16QAM	1	0	19.29	19.25	19.28		
3	16QAM	1	8	19.19	19.32	19.11	20.6	0
3	16QAM	1	14	18.95	19.20	19.19		
3	16QAM	8	0	19.14	19.11	19.18		
3	16QAM	8	4	19.19	19.19	19.02	20.5	0.1
3	16QAM	8	7	18.94	19.05	19.19		
3	16QAM	15	0	19.12	19.19	19.11		
3	64QAM	1	0	19.00	19.33	19.27		
3	64QAM	1	8	18.96	19.22	18.98	20.5	0.1
3	64QAM	1	14	18.94	19.14	19.16		
3	64QAM	8	0	18.39	18.31	18.28		
3	64QAM	8	4	18.25	18.32	18.25	19.5	1.1
3	64QAM	8	7	18.14	18.34	18.29		
3	64QAM	15	0	18.41	18.32	18.12		
3	256QAM	1	0	16.30	16.31	16.21		
3	256QAM	1	8	16.11	16.12	16.05	17.5	3.1
3	256QAM	1	14	15.89	15.98	16.17		
3	256QAM	8	0	16.18	16.34	16.16		
3	256QAM	8	4	15.88	16.11	16.20	17.5	3.1
3	256QAM	8	7	16.14	16.20	15.86		
3	256QAM	15	0	15.97	15.97	16.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.43	19.64	19.60		
1.4	QPSK	1	3	19.32	19.55	19.37		
1.4	QPSK	1	5	19.27	19.31	19.31	20.6	0
1.4	QPSK	3	0	19.42	19.39	19.32		
1.4	QPSK	3	1	19.08	19.28	19.11		
1.4	QPSK	3	3	19.07	19.12	19.31		
1.4	QPSK	6	0	19.21	19.30	19.44	20.6	0
1.4	16QAM	1	0	19.23	19.25	19.37		
1.4	16QAM	1	3	19.19	19.40	19.02		
1.4	16QAM	1	5	19.01	19.20	19.12	20.6	0
1.4	16QAM	3	0	19.12	19.08	19.14		
1.4	16QAM	3	1	19.14	19.11	19.03		
1.4	16QAM	3	3	19.01	19.06	19.24		
1.4	16QAM	6	0	19.26	19.26	19.16	20.5	0.1
1.4	64QAM	1	0	19.04	19.27	19.23		
1.4	64QAM	1	3	18.98	19.30	19.05		
1.4	64QAM	1	5	18.90	19.03	19.13	20.5	0.1
1.4	64QAM	3	0	18.87	19.10	19.11		
1.4	64QAM	3	1	18.86	19.15	18.88		
1.4	64QAM	3	3	18.79	18.93	18.97		
1.4	64QAM	6	0	18.41	18.27	18.22	19.5	1.1
1.4	256QAM	1	0	16.34	16.31	16.20		
1.4	256QAM	1	3	16.18	16.10	15.90		
1.4	256QAM	1	5	15.89	16.05	16.24	17.5	3.1
1.4	256QAM	3	0	16.29	16.19	16.30		
1.4	256QAM	3	1	15.93	16.00	16.27		
1.4	256QAM	3	3	16.15	16.10	15.93		
1.4	256QAM	6	0	16.04	15.93	16.12	17.5	3.1

Band 5 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.27	22.32	22.25		
10	QPSK	1	25	22.06	22.08	22.02	23.4	0
10	QPSK	1	49	22.08	22.14	22.16		
10	QPSK	25	0	22.17	22.26	22.24		
10	QPSK	25	12	22.10	22.05	22.14	23	0.4
10	QPSK	25	25	22.21	22.11	22.17		
10	QPSK	50	0	22.11

Band 25 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.70	16.78	16.69		
20	QPSK	1	49	16.52	16.73	16.58	17.6	0
20	QPSK	1	99	16.59	16.63	16.56		
20	QPSK	50	0	16.66	16.72	16.51		
20	QPSK	50	24	16.51	16.68	16.57	17.6	0
20	QPSK	50	50	16.52	16.71	16.67		
20	QPSK	100	0	16.53	16.70	16.61		
20	16QAM	1	0	16.58	16.63	16.61		
20	16QAM	1	49	16.31	16.61	16.46	17.6	0
20	16QAM	1	99	16.48	16.47	16.37		
20	16QAM	50	0	16.50	16.57	16.31		
20	16QAM	50	24	16.37	16.62	16.36	17.6	0
20	16QAM	50	50	16.31	16.54	16.47		
20	16QAM	100	0	16.36	16.58	16.43		
20	64QAM	1	0	16.47	16.54	16.60		
20	64QAM	1	49	16.33	16.50	16.42	17.6	0
20	64QAM	1	99	16.36	16.44	16.47		
20	64QAM	50	0	16.57	16.59	16.28		
20	64QAM	50	24	16.36	16.55	16.50	17.6	0
20	64QAM	50	50	16.38	16.60	16.60		
20	64QAM	100	0	16.32	16.53	16.40		
20	256QAM	1	0	16.53	16.60	16.51		
20	256QAM	1	49	16.35	16.41	16.39	17.5	0.1
20	256QAM	1	99	16.30	16.39	16.23		
20	256QAM	50	0	16.47	16.40	16.33		
20	256QAM	50	24	16.32	16.50	16.33	17.5	0.1
20	256QAM	50	50	16.26	16.49	16.40		
20	256QAM	100	0	16.23	16.36	16.36		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.54	16.68	16.51		
15	QPSK	1	37	16.48	16.65	16.47	17.6	0
15	QPSK	1	74	16.40	16.44	16.40		
15	QPSK	36	0	16.59	16.66	16.34		
15	QPSK	36	20	16.37	16.58	16.45	17.6	0
15	QPSK	36	39	16.34	16.51	16.63		
15	QPSK	75	0	16.32	16.50	16.49		
15	16QAM	1	0	16.50	16.54	16.56		
15	16QAM	1	37	16.17	16.47	16.34	17.6	0
15	16QAM	1	74	16.37	16.38	16.27		
15	16QAM	36	0	16.37	16.49	16.24		
15	16QAM	36	20	16.24	16.53	16.32	17.6	0
15	16QAM	36	39	16.22	16.36	16.42		
15	16QAM	75	0	16.24	16.44	16.36		
15	64QAM	1	0	16.41	16.44	16.53		
15	64QAM	1	37	16.20	16.43	16.38	17.6	0
15	64QAM	1	74	16.16	16.36	16.34		
15	64QAM	36	0	16.38	16.38	16.09		
15	64QAM	36	20	16.22	16.46	16.40	17.6	0
15	64QAM	36	39	16.30	16.52	16.40		
15	64QAM	75	0	16.16	16.42	16.34		
15	256QAM	1	0	16.33	16.43	16.48		
15	256QAM	1	37	16.18	16.36	16.32	17.5	0.1
15	256QAM	1	74	16.12	16.25	16.15		
15	256QAM	36	0	16.43	16.36	16.20		
15	256QAM	36	20	16.25	16.46	16.20	17.5	0.1
15	256QAM	36	39	16.17	16.31	16.34		
15	256QAM	75	0	16.06	16.33	16.24		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.65	16.72	16.62		
10	QPSK	1	25	16.37	16.64	16.53	17.6	0
10	QPSK	1	49	16.41	16.46	16.43		
10	QPSK	25	0	16.59	16.65	16.45		
10	QPSK	25	12	16.46	16.52	16.43	17.6	0
10	QPSK	25	25	16.47	16.55	16.49		
10	QPSK	50	0	16.47	16.57	16.43		
10	16QAM	1	0	16.45	16.47	16.55		
10	16QAM	1	25	16.27	16.53	16.40	17.6	0
10	16QAM	1	49	16.34	16.29	16.21		
10	16QAM	25	0	16.36	16.53	16.11		
10	16QAM	25	12	16.25	16.51	16.31	17.6	0
10	16QAM	25	25	16.16	16.44	16.37		
10	16QAM	50	0	16.22	16.54	16.23		
10	64QAM	1	0	16.26	16.36	16.55		
10	64QAM	1	25	16.21	16.32	16.26	17.6	0
10	64QAM	1	49	16.16	16.31	16.39		
10	64QAM	25	0	16.39	16.52	16.09		
10	64QAM	25	12	16.19	16.50	16.29	17.6	0
10	64QAM	25	25	16.34	16.51	16.51		
10	64QAM	50	0	16.12	16.47	16.36		
10	256QAM	1	0	16.50	16.40	16.41		
10	256QAM	1	25	16.20	16.34	16.29	17.5	0.1
10	256QAM	1	49	16.22	16.35	16.15		
10	256QAM	25	0	16.29	16.26	16.16		
10	256QAM	25	12	16.27	16.38	16.15	17.5	0.1
10	256QAM	25	25	16.16	16.31	16.32		
10	256QAM	50	0	16.07	16.29	16.25		
Channel				26065	26340	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.55	16.63	16.55		
5	QPSK	1	12	16.36	16.69	16.52	17.6	0
5	QPSK	1	24	16.46	16.44	16.40		
5	QPSK	12	0	16.58	16.56	16.42		
5	QPSK	12	7	16.34	16.57	16.39	17.6	0
5	QPSK	12	13	16.34	16.54	16.63		
5	QPSK	25	0	16.43	16.50	16.48		
5	16QAM	1	0	16.40	16.50	16.46		
5	16QAM	1	12	16.21	16.46	16.31	17.6	0
5	16QAM	1	24	16.44	16.31	16.18		
5	16QAM	12	0	16.39	16.54	16.16		
5	16QAM	12	7	16.17	16.43	16.16	17.6	0
5	16QAM	12	13	16.21	16.34	16.42		
5	16QAM	25	0	16.27	16.48	16.31		
5	64QAM	1	0	16.39	16.43	16.50		
5	64QAM	1	12	16.22	16.42	16.33	17.6	0
5	64QAM	1	24	16.18	16.25	16.30		
5	64QAM	12	0	16.51	16.40	16.12		
5	64QAM	12	7	16.32	16.49	16.42	17.6	0
5	64QAM	12	13	16.31	16.51	16.56		
5	64QAM	25	0	16.27	16.33	16.34		
5	256QAM	1	0	16.49	16.53	16.32		
5	256QAM	1	12	16.17	16.30	16.19	17.5	0.1
5	256QAM	1	24	16.14	16.36	16.16		
5	256QAM	12	0	16.28	16.22	16.24		
5	256QAM	12	7	16.23	16.36	16.23	17.5	0.1
5	256QAM	12	13	16.12	16.33	16.25		
5	256QAM	25	0	16.16	16.15	16.22		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.57	16.70	16.60		
3	QPSK	1	8	16.42	16.53	16.45	17.6	0
3	QPSK	1	14	16.55	16.46	16.48		
3	QPSK	8	0	16.51	16.58	16.47		
3	QPSK	8	4	16.30	16.49	16.37	17.6	0
3	QPSK	8	7	16.43	16.68	16.59		
3	QPSK	15	0	16.48	16.62	16.57		
3	16QAM	1	0	16.37	16.45	16.46		
3	16QAM	1	8	16.11	16.53	16.32	17.6	0
3	16QAM	1	14	16.33	16.34	16.24		
3	16QAM	8	0	16.37	16.45	16.24		
3	16QAM	8	4	16.31	16.55	16.32	17.6	0
3	16QAM	8	7	16.23	16.43	16.28		
3	16QAM	15	0	16.26	16.46	16.34		
3	64QAM	1	0	16.34	16.41	16.40		
3	64QAM	1	8	16.18	16.34	16.33	17.6	0
3	64QAM	1	14	16.29	16.36	16.34		
3	64QAM	8	0	16.47	16.52	16.24		
3	64QAM	8	4	16.25	16.51	16.29	17.6	0
3	64QAM	8	7	16.34	16.50	16.44		
3	64QAM	15	0	16.18	16.37	16.30		
3	256QAM	1	0	16.36	16.40	16.38		
3	256QAM	1	8	16.17	16.29	16.23	17.5	0.1
3	256QAM	1	14	16.19	16.26	16.06		
3	256QAM	8	0	16.28	16.35	16.20		
3	256QAM	8	4	16.21	16.36	16.16	17.5	0.1
3	256QAM	8	7	16.19	16.33	16.35		
3	256QAM	15	0	16.12	16.18	16.24		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.54	16.74	16.63		
1.4	QPSK	1	3	16.34	16.55	16.55		
1.4	QPSK	1	5	16.44	16.42	16.35	17.6	0
1.4	QPSK	3	0	16.46	16.51	16.47		
1.4	QPSK	3	1	16.47	16.54	16.53		
1.4	QPSK	3	3	16.45	16.60	16.63		
1.4	QPSK	6	0	16.43	16.58	16.56	17.6	0
1.4	16QAM	1	0	16.47	16.54	16.57		
1.4	16QAM	1	3	16.15	16.49	16.35		
1.4	16QAM	1	5	16.35	16.39	16.21	17.6	0
1.4	16QAM	3	0	16.38	16.44	16.22		
1.4	16QAM	3	1	16.30	16.58	16.26		
1.4	16QAM	3	3	16.24	16.42	16.36		
1.4	16QAM	6	0	16.22	16.50	16.38	17.6	0
1.4	64QAM	1	0	16.35	16.39	16.40		
1.4	64QAM	1	3	16.17	16.47	16.23		
1.4	64QAM	1	5	16.24	16.34	16.34	17.6	0
1.4	64QAM	3	0	16.39	16.38	16.10		
1.4	64QAM	3	1	16.18	16.43	16.46		
1.4	64QAM	3	3	16.24	16.47	16.41		
1.4	64QAM	6	0	16.28	16.37	16.33	17.6	0
1.4	256QAM	1	0	16.46	16.49	16.35		
1.4	256QAM	1	3	16.18	16.37	16.28		
1.4	256QAM	1	5	16.20	16.31	16.16	17.5	0.1
1.4	256QAM	3	0	16.31	16.20	16.23		
1.4	256QAM	3	1	16.28	16.34	16.21		
1.4	256QAM	3	3	16.16	16.29	16.30		
1.4	256QAM	6	0	16.08	16.15	16.20	17.5	0.1

Band 26 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.80	21.86	21.78		
15	QPSK	1	37	21.62	21.83	21.65	23	0
15	QPSK	1	74	21.59	21.82	21.65		
15	QPSK	36	0	20.81	20.92	20.72		
15	QPSK	36	20	20.53	20.85	20.58	22	1
15	QPSK	36	39	20.62	20.89	20.73		
15	QPSK	75	0	20.61	20.88	20.79		
15	16QAM	1	0	20.63	20.84	20.58		
15	16QAM	1	37	20.66	20.68	20.59	22	1
15	16QAM	1	74	20.60	20.79	20.49		
15	16QAM	36	0	19.81	19.93	19.79		
15	16QAM	36	20	19.53	19.93	19.49	21	2
15	16QAM	36	39	19.56	19.97	19.80		
15	16QAM	75	0	19.73	19.94	19.76		
15	64QAM	1	0	19.68	19.84	19.51		
15	64QAM	1	37	19.52	19.66	19.60	21	2
15	64QAM	1	74	19.63	19.77	19.48		
15	64QAM	36	0	18.87	18.90	18.71		
15	64QAM	36	20	18.53	18.92	18.60	20	3
15	64QAM	36	39	18.57	18.96	18.78		
15	64QAM	75	0	18.73	18.82	18.82		
15	256QAM	1	0	16.89	16.96	16.66		
15	256QAM	1	37	16.51	16.82	16.64	18	5
15	256QAM	1	74	16.71	16.91	16.67		
15	256QAM	36	0	16.81	16.92	16.85		
15	256QAM	36	20	16.68	16.77	16.63	18	5
15	256QAM	36	39	16.63	16.71	16.59		
15	256QAM	75	0	16.36	16.82	16.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.68	21.67		
10	QPSK	1	25	21.44	21.63	21.57	23	0
10	QPSK	1	49	21.43	21.63	21.53		
10	QPSK	25	0	20.62	20.87	20.63		
10	QPSK	25	12	20.44	20.74	20.51	22	1
10	QPSK	25	25	20.46	20.78	20.66		
10	QPSK	50	0	20.62	20.76	20.68		
10	16QAM	1	0	20.41	20.70	20.43		
10	16QAM	1	25	20.29	20.56	20.28	22	1
10	16QAM	1	49	20.34	20.58	20.43		
10	16QAM	25	0	19.69	19.74	19.63		
10	16QAM	25	12	19.63	19.84	19.42	21	2
10	16QAM	25	25	19.44	19.81	19.63		
10	16QAM	50	0	19.60	19.76	19.62		
10	64QAM	1	0	19.46	19.64	19.41		
10	64QAM	1	25	19.47	19.55	19.39	21	2
10	64QAM	1	49	19.56	19.71	19.33		
10	64QAM	25	0	18.80	18.70	18.54		
10	64QAM	25	12	18.46	18.84	18.54	20	3
10	64QAM	25	25	18.39	18.88	18.64		
10	64QAM	50	0	18.66	18.74	18.72		
10	256QAM	1	0	16.70	16.81	16.50		
10	256QAM	1	25	16.46	16.68	16.43	18	5
10	256QAM	1	49	16.60	16.86	16.53		
10	256QAM	25	0	16.76	16.85	16.69		
10	256QAM	25	12	16.64	16.58	16.46	18	5
10	256QAM	25	25	16.51	16.86	16.53		
10	256QAM	50	0	16.18	16.67	16.35		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.74	21.57		
5	QPSK	1	12	21.45	21.63	21.52	23	0
5	QPSK	1	24	21.49	21.64	21.46		
5	QPSK	12	0	20.65	20.87	20.57		
5	QPSK	12	7	20.61	20.73	20.53	22	1
5	QPSK	12	13	20.57	20.76	20.68		
5	QPSK	25	0	20.72	20.66	20.75		
5	16QAM	1	0	20.45	20.65	20.42		
5	16QAM	1	12	20.28	20.57	20.38	22	1
5	16QAM	1	24	20.33	20.75	20.34		
5	16QAM	12	0	19.62	19.76	19.65		
5	16QAM	12	7	19.41	19.81	19.60	21	2
5	16QAM	12	13	19.41	19.85	19.65		
5	16QAM	25	0	19.57	19.74	19.61		
5	64QAM	1	0	19.59	19.66	19.33		
5	64QAM	1	12	19.32	19.61	19.48	21	2
5	64QAM	1	24	19.55	19.68	19.40		
5	64QAM	12	0	18.67	18.70	18.58		
5	64QAM	12	7	18.57	18.78	18.55	20	3
5	64QAM	12	13	18.41	18.88	18.59		
5	64QAM	25	0	18.55	18.74	18.70		
5	256QAM	1	0	16.79	16.85	16.51		
5	256QAM	1	12	16.43	16.74	16.60	18	5
5	256QAM	1	24	16.60	16.83	16.54		
5	256QAM	12	0	16.75	16.85	16.71		
5	256QAM	12	7	16.50	16.69	16.42	18	5
5	256QAM	12	13	16.47	16.62	16.52		
5	256QAM	25	0	16.30	16.61	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.64	21.72		
3	QPSK	1	8	21.54	21.78	21.45	23	0
3	QPSK	1	14	21.41	21.63	21.45		
3	QPSK	8	0	20.65	20.73	20.57		
3	QPSK	8	4	20.37	20.71	20.52	22	1
3	QPSK	8	7	20.47	20.74	20.53		
3	QPSK	15	0	20.63	20.68	20.60		
3	16QAM	1	0	20.48	20.69	20.42		
3	16QAM	1	8	20.39	20.49	20.32	22	1
3	16QAM	1	14	20.35	20.67	20.41		
3	16QAM	8	0	19.59	19.77	19.74		
3	16QAM	8	4	19.67	19.88	19.43	21	2
3	16QAM	8	7	19.49	19.82	19.75		
3	16QAM	15	0	19.67	19.77	19.68		
3	64QAM	1	0	19.61	19.77	19.44		
3	64QAM	1	8	19.40	19.62	19.41	21	2
3	64QAM	1	14	19.58	19.76	19.29		
3	64QAM	8	0	18.76	18.85	18.64		
3	64QAM	8	4	18.64	18.74	18.52	20	3
3	64QAM	8	7	18.41	18.80	18.65		
3	64QAM	15	0	18.57	18.65	18.67		
3	256QAM	1	0	16.74	16.77	16.53		
3	256QAM	1	8	16.36	16.77	16.47	18	5
3	256QAM	1	14	16.53	16.74	16.48		
3	256QAM	8	0	16.68	16.76	16.72		
3	256QAM	8	4	16.52	16.60	16.48	18	5
3	256QAM	8	7	16.54	16.64	16.48		
3	256QAM	15	0	16.32	16.64	16.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.70	21.64	21.60		
1.4	QPSK	1	3	21.52	21.66	21.53		
1.4	QPSK	1	5	21.47	21.63	21.55	23	0
1.4	QPSK	3	0	21.52	21.56	21.45		
1.4	QPSK	3	1	21.46	21.54	21.47		
1.4	QPSK	3	3	21.28	21.48	21.38		
1.4	QPSK	6	0	20.61	20.69	20.72	22	1
1.4	16QAM	1	0	20.53	20.67	20.52		
1.4	16QAM	1	3	20.42	20.58	20.41		
1.4	16QAM	1	5	20.40	20.64	20.40	22	1
1.4	16QAM	3	0	20.36	20.50	20.47		
1.4	16QAM	3	1	20.22	20.56	20.42		
1.4	16QAM	3	3	20.51	20.54	20.28		
1.4	16QAM	6	0	19.62	19.80	19.60	21	2
1.4	64QAM	1	0	19.51	19.65	19.45		
1.4	64QAM	1	3	19.68	19.84	19.40		
1.4	64QAM	1	5	19.46	19.56	19.43	21	2
1.4	64QAM	3	0	19.45	19.59	19.30		
1.4	64QAM	3	1	19.15	19.36	19.20		
1.4	64QAM	3	3	19.25	19.48	19.23		
1.4	64QAM	6	0	18.54	18.61	18.69	20	3
1.4	256QAM	1	0	16.70	16.82	16.47		
1.4	256QAM	1	3	16.36	16.69	16.56		
1.4	256QAM	1	5	16.64	16.75	16.59	18	5
1.4	256QAM	3	0	16.75	16.87	16.75		
1.4	256QAM	3	1	16.56	16.69	16.50		
1.4	256QAM	3	3	16.46	16.54	16.42		
1.4	256QAM	6	0	16.31	16.67	16.37	18	5

Band 66 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.66	19.72	19.69		
20	QPSK	1	49	19.54	19.69	19.51	20.6	0
20	QPSK	1	99	19.48	19.53	19.60		
20	QPSK	50	0	19.58	19.59	19.51		
20	QPSK	50	24	19.42	19.52	19.41	20.6	0
20	QPSK	50	50	19.32	19.38	19.54		
20	QPSK	100	0	19.51	19.56	19.55		
20	16QAM	1	0	19.41	19.51	19.56		
20	16QAM	1	49	19.40	19.56	19.32	20.6	0
20	16QAM	1	99	19.26	19.37	19.49		
20	16QAM	50	0	19.43	19.41	19.43		
20	16QAM	50	24	19.38	19.36	19.33	20.5	0.1
20	16QAM	50	50	19.21	19.30	19.48		
20	16QAM	100	0	19.45	19.47	19.41		
20	64QAM	1	0	19.26	19.50	19.54		
20	64QAM	1	49	19.27	19.46	19.28	20.5	0.1
20	64QAM	1	99	19.22	19.30	19.44		
20	64QAM	50	0	18.53	18.58	18.54		
20	64QAM	50	24	18.36	18.56	18.46	19.5	1.1
20	64QAM	50	50	18.33	18.49	18.52		
20	64QAM	100	0	18.55	18.58	18.40		
20	256QAM	1	0	16.53	16.42	16.36		
20	256QAM	1	49	16.32	16.43	16.28	17.5	3.1
20	256QAM	1	99	16.19	16.21	16.41		
20	256QAM	50	0	16.39	16.42	16.48		
20	256QAM	50	24	16.24	16.33	16.47	17.5	3.1
20	256QAM	50	50	16.29	16.41	16.15		
20	256QAM	100	0	16.23	16.19	16.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.45	19.62	19.54		
15	QPSK	1	37	19.48	19.48	19.33	20.6	0
15	QPSK	1	74	19.35	19.38	19.46		
15	QPSK	36	0	19.44	19.41	19.38		
15	QPSK	36	20	19.31	19.35	19.31	20.6	0
15	QPSK	36	39	19.20	19.17	19.36		
15	QPSK	75	0	19.33	19.51	19.43		
15	16QAM	1	0	19.23	19.48	19.42		
15	16QAM	1	37	19.29	19.39	19.21	20.6	0
15	16QAM	1	74	19.15	19.24	19.44		
15	16QAM	36	0	19.22	19.

Band 38 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.85	22.89	22.82	24	0
20	QPSK	1	49	22.79	22.83	22.65		
20	QPSK	1	99	22.77	22.77	22.71		
20	QPSK	50	0	21.89	21.92	21.77	23	1
20	QPSK	50	24	21.87	21.81	21.67		
20	QPSK	50	50	21.82	21.76	21.77		
20	QPSK	100	0	21.71	21.80	21.66		
20	16QAM	1	0	21.79	21.75	21.57	23	1
20	16QAM	1	49	21.79	21.70	21.59		
20	16QAM	1	99	21.71	21.63	21.64		
20	16QAM	50	0	20.97	20.99	20.80	22	2
20	16QAM	50	24	20.84	20.82	20.66		
20	16QAM	50	50	20.76	20.69	20.78		
20	16QAM	100	0	20.79	20.78	20.69		
20	64QAM	1	0	20.84	20.82	20.61	22	2
20	64QAM	1	49	20.77	20.65	20.65		
20	64QAM	1	99	20.68	20.65	20.69		
20	64QAM	50	0	19.83	19.88	19.76	21	3
20	64QAM	50	24	19.89	19.84	19.61		
20	64QAM	50	50	19.77	19.83	19.78		
20	64QAM	100	0	19.68	19.75	19.74		
20	256QAM	1	0	17.96	17.89	17.83	19	5
20	256QAM	1	49	17.80	17.86	17.60		
20	256QAM	1	99	17.87	17.73	17.80		
20	256QAM	50	0	17.66	17.82	17.72	19	5
20	256QAM	50	24	17.74	17.82	17.58		
20	256QAM	50	50	17.71	17.70	17.64		
20	256QAM	100	0	17.71	17.55	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.74	22.72	22.78	24	0
15	QPSK	1	37	22.64	22.77	22.57		
15	QPSK	1	74	22.56	22.66	22.52		
15	QPSK	36	0	21.71	21.75	21.66	23	1
15	QPSK	36	20	21.76	21.65	21.48		
15	QPSK	36	39	21.75	21.72	21.67		
15	QPSK	75	0	21.66	21.70	21.49		
15	16QAM	1	0	21.74	21.56	21.48	23	1
15	16QAM	1	37	21.58	21.56	21.40		
15	16QAM	1	74	21.57	21.52	21.49		
15	16QAM	36	0	20.93	20.90	20.74	22	2
15	16QAM	36	20	20.69	20.74	20.49		
15	16QAM	36	39	20.63	20.49	20.69		
15	16QAM	75	0	20.63	20.73	20.65		
15	64QAM	1	0	20.75	20.71	20.43	22	2
15	64QAM	1	37	20.67	20.53	20.49		
15	64QAM	1	74	20.62	20.56	20.48		
15	64QAM	36	0	19.71	19.73	19.69	21	3
15	64QAM	36	20	19.84	19.80	19.46		
15	64QAM	36	39	19.69	19.71	19.69		
15	64QAM	75	0	19.51	19.59	19.66		
15	256QAM	1	0	17.76	17.82	17.69	19	5
15	256QAM	1	37	17.71	17.71	17.48		
15	256QAM	1	74	17.82	17.53	17.65		
15	256QAM	36	0	17.48	17.62	17.59	19	5
15	256QAM	36	20	17.67	17.77	17.44		
15	256QAM	36	39	17.61	17.66	17.58		
15	256QAM	75	0	17.58	17.46	17.41		
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.71	22.70	22.75	24	0
10	QPSK	1	25	22.67	22.66	22.53		
10	QPSK	1	49	22.63	22.64	22.50		
10	QPSK	25	0	21.70	21.75	21.62	23	1
10	QPSK	25	12	21.78	21.65	21.46		
10	QPSK	25	25	21.76	21.70	21.67		
10	QPSK	50	0	21.67	21.70	21.52		
10	16QAM	1	0	21.66	21.69	21.52	23	1
10	16QAM	1	25	21.60	21.54	21.42		
10	16QAM	1	49	21.62	21.49	21.59		
10	16QAM	25	0	20.84	20.81	20.68	22	2
10	16QAM	25	12	20.75	20.72	20.47		
10	16QAM	25	25	20.59	20.65	20.62		
10	16QAM	50	0	20.74	20.68	20.64		
10	64QAM	1	0	20.68	20.75	20.56	22	2
10	64QAM	1	25	20.72	20.55	20.58		
10	64QAM	1	49	20.48	20.51	20.56		
10	64QAM	25	0	19.65	19.78	19.62	21	3
10	64QAM	25	12	19.85	19.66	19.53		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.65	19.58	19.70		
10	256QAM	1	0	17.87	17.78	17.73	19	5
10	256QAM	1	25	17.69	17.70	17.51		
10	256QAM	1	49	17.79	17.52	17.61		
10	256QAM	25	0	17.60	17.67	17.68	19	5
10	256QAM	25	12	17.58	17.78	17.52		
10	256QAM	25	25	17.64	17.61	17.60		
10	256QAM	50	0	17.62	17.44	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.76	22.73	22.61	24	0
5	QPSK	1	12	22.61	22.73	22.61		
5	QPSK	1	24	22.72	22.65	22.57		
5	QPSK	12	0	21.71	21.78	21.62	23	1
5	QPSK	12	7	21.69	21.68	21.64		
5	QPSK	12	13	21.71	21.66	21.69		
5	QPSK	25	0	21.66	21.68	21.54		
5	16QAM	1	0	21.68	21.66	21.42	23	1
5	16QAM	1	12	21.64	21.66	21.55		
5	16QAM	1	24	21.64	21.58	21.59		
5	16QAM	12	0	20.84	20.92	20.61	22	2
5	16QAM	12	7	20.76	20.69	20.54		
5	16QAM	12	13	20.56	20.60	20.70		
5	16QAM	25	0	20.76	20.75	20.58		
5	64QAM	1	0	20.65	20.65	20.50	22	2
5	64QAM	1	12	20.58	20.58	20.55		
5	64QAM	1	24	20.61	20.45	20.62		
5	64QAM	12	0	19.80	19.78	19.66	21	3
5	64QAM	12	7	19.70	19.65	19.46		
5	64QAM	12	13	19.59	19.78	19.61		
5	64QAM	25	0	19.53	19.62	19.70		
5	256QAM	1	0	17.79	17.83	17.78	19	5
5	256QAM	1	12	17.68	17.67	17.54		
5	256QAM	1	24	17.80	17.58	17.72		
5	256QAM	12	0	17.58	17.75	17.57	19	5
5	256QAM	12	7	17.67	17.68	17.51		
5	256QAM	12	13	17.59	17.67	17.50		
5	256QAM	25	0	17.58	17.52	17.44		

Band 41 Ant 1 DSI2

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	22.87	22.85	22.93	22.84	22.79	24	0
20	QPSK	1	49	22.69	22.74	22.90	22.80	22.69		
20	QPSK	1	99	22.78	22.66	22.78	22.80	22.74		
20	QPSK	50	0	21.89	21.80	21.91	21.91	21.83	23	1
20	QPSK	50	24	21.70	21.73	21.89	21.84	21.74		
20	QPSK	50	50	21.69	21.69	21.86	21.89	21.66		
20	QPSK	100	0	21.78	21.79	21.85	21.81	21.73		
20	16QAM	1	0	21.82	21.65	21.83	21.75	21.64	23	1
20	16QAM	1	49	21.57	21.61	21.77	21.67	21.62		
20	16QAM	1	99	21.56	21.56	21.78	21.68	21.56		
20	16QAM	50	0	20.81	20.74	20.94	20.91	20.81	22	2
20	16QAM	50	24	20.75	20.71	20.88	20.81	20.75		
20	16QAM	50	50	20.74	20.61	20.87	20.88	20.61		
20	16QAM	100	0	20.74	20.72	20.84	20.82	20.81		
20	64QAM	1	0	20.74	20.58	20.90	20.80	20.70	22	2
20	64QAM	1	49	20.62	20.55	20.76	20.66	20.67		
20	64QAM	1	99	20.53	20.52	20.73	20.75	20.47		
20	64QAM	50	0	19.87	19.86	19.88	19.94	19.88	21	3
20	64QAM	50	24	19.62	19.77	19.97	19.86	19.78		
20	64QAM	50	50	19.61	19.75	19.77	19.81	19.57		
20	64QAM	100	0	19.74	19.80	19.78	19.78	19.71		
20	256QAM	1	0	17.91	17.82	17.86	17.87	17.90	19	5
20	256QAM	1	49	17.75	17.73	17.94	17.82	17.66		
20	256QAM	1	99	17.67	17.76	17.82	17.93	17.69		
20	256QAM	50	0	17.79	17.85	17.82	17.79	17.80	19	5
20	256QAM	50	24	17.77	17.59	17.84	17.81	17.59		
20	256QAM	50	50	17.50	17.62	17.78	17.61	17.66		
20	256QAM	100	0	17.49	17.47	17.73	17.60	17.51		
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	22.73	22.74	22.78	22.75	22.61	24.00	0
15	QPSK	1	37	22.65	22.67	22.83	22.67	22.48		
15	QPSK	1	74	22.63	22.61	22.69	22.70	22.61		
15	QPSK	36	0	21.81	21.72	21.80	21.82	21.66	23	1
15	QPSK	36	20	21.60	21.65	21.82	21.69	21.58		
15	QPSK	36	39	21.54	21.59	21.71	21.83	21.46		
15	QPSK	75	0	21.61	21.74	21.78	21.71	21.66		
15	16QAM	1	0	21.62	21.59	21.76	21.65	21.54	23	1
15	16QAM	1	37	21.51	21.44	21.68	21.53	21.52		
15	16QAM	1	74	21.44	21.42	21.64	21.49	21.48		
15	16QAM	36	0	20.68	20.62	20.75	20.76	20.64	22	2
15	16QAM	36	20	20.58	20.63	20.76	20.73	20.69		
15	16QAM	36	39	20.55	20.49	20.79	20.69	20.48		
15	16QAM	75	0	20.53	20.56	20.79	20.73	20.68		
15	64QAM	1	0	20.58	20.40	20.81	20.59	20.61	22	2
15	64QAM	1	37	20.44	20.50	20.68	20.46	20.57		
15	64QAM	1	74	20.48	20.37	20.64	20.58	20.32		
15	64QAM	36	0	19.83	19.79	19.76	19.74	19.71	21	3
15	64QAM	36	20	19.49	19.60	19.77	19.65	19.61		
15	64QAM	36	39	19.52	19.72	19.73	19.70	19.47		
15	64QAM	75	0	19.63	19.69	19.62	19.60	19.52		
15	256QAM	1	0	17.87	17.63	17.71	17.77	17.86	19	5
15	256QAM	1	37	17.58	17.61	17.87	17.61	17.58		
15	256QAM	1	74	17.51	17.62	17.63	17.78	17.54		
15	256QAM	36	0	17.68	17.81	17.68	17.72	17.60	19	5
15	256QAM	36	20	17.59	17.45	17.64	17.66	17.48		
15	256QAM	36	39	17.34	17.57	17.65	17.50	17.46		
15	256QAM	75	0	17.28	17.40	17.63	17.39	17.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.77	22.68	22.87	22.63	22.73	24.00	0
10	QPSK	1	25	22.63	22.60	22.77	22.62	22.63		
10	QPSK	1	49	22.70	22.63	22.68	22.72	22.61		
10	QPSK	25	0	21.77	21.65	21.78	21.80	21.69	23	1
10	QPSK	25	12	21.53	21.69	21.72	21.75	21.56		
10	QPSK	25	25	21.58	21.60	21.79	21.79	21.46		
10	QPSK	50	0	21.72	21.72	21.64	21.68	21.57		
10	16QAM	1	0	21.69	21.57	21.75	21.67	21.50	23	1
10	16QAM	1	25	21.54	21.58	21.73	21.63	21.56		
10	16QAM	1	49	21.37	21.50	21.68	21.64	21.46		
10	16QAM	25	0	20.78	20.65	20.84	20.75	20.61	22	2
10	16QAM	25	12	20.70	20.65	20.74	20.77	20.66		
10	16QAM	25	25	20.66	20.50	20.82	20.79	20.52		
10	16QAM	50	0	20.55	20.67	20.76	20.70	20.64		
10	64QAM	1	0	20.66	20.48	20.72	20.70	20.50	22	2
10	64QAM	1	25	20.50	20.45	20.65	20.59	20.53		
10	64QAM	1	49	20.47	20.44	20.64	20.59	20.42		
10	64QAM	25	0	19.69	19.78	19.79	19.87	19.70	21	3
10	64QAM	25	12	19.45	19.59	19.79	19.77	19.61		
10	64QAM	25	25	19.55	19.65	19.71	19.70	19.53		
10	64QAM	50	0	19.55	19.67	19.70	19.67	19.54		
10	256QAM	1	0	17.79	17.67	17.72	17.77	17.74	19	5
10	256QAM	1	25	17.66	17.54	17.80	17.67	17.51		
10	256QAM	1	49	17.64	17.56	17.64	17.75	17.55		
10	256QAM	25	0	17.68	17.65	17.66	17.74	17.67	19	5
10	256QAM	25	12	17.58	17.48	17.77	17.66	17.51		
10	256QAM	25	25	17.54	17.58	17.73	17.47	17.46		
10	256QAM	50	0	17.33	17.34	17.66	17.54	17.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.74	22.70	22.78	22.71	22.66	24.00	0
5	QPSK	1	12	22.51	22.67	22.72	22.63	22.57		
5	QPSK	1	24	22.70	22.51	22.73	22.73	22.70		
5	QPSK	12	0	21.71	21.68	21.72	21.85	21.63	23	1
5	QPSK	12	7	21.56	21.55	21.77	21.69	21.57		
5	QPSK	12	13	21.57	21.51	21.74	21.85	21.58		
5	QPSK	25	0	21.64	21.67	21.82	21.65	21.67		
5	16QAM	1	0	21.65	21.55	21.73	21.68	21.60	23	1
5	16QAM	1	12	21.40	21.48	21.65	21.54	21.46		
5	16QAM	1	24	21.52	21.52	21.66	21.63	21.36		
5	16QAM	12	0	20.71	20.61	20.74	20.74	20.69	22	2
5	16QAM	12	7	20.63	20.51	20.81	20.77	20.59		
5	16QAM	12	13	20.67	20.49	20.66	20.83	20.50		
5	16QAM	25	0	20.70	20.61	20.74	20.78	20.75		
5	64QAM	1	0	20.69	20.38	20.79	20.64	20.55	22	2
5	64QAM	1	12	20.39	20.48	20.63	20.60	20.64		
5	64QAM	1	24	20.39	20.46	20.59	20.60	20.41		
5	64QAM	12	0	19.76	19.78	19.78	19.81	19.68	21	3
5	64QAM	12	7	19.48	19.62	19.81	19.79	19.65		
5	64QAM	12	13	19.43	19.61	19.63	19.76	19.51		
5	64QAM	25	0	19.54	19.76	19.75	19.72	19.51		
5	256QAM	1	0	17.75	17.75	17.77	17.80	17.79	19	5
5	256QAM	1	12	17.57	17.62	17.74	17.65	17.59		
5	256QAM	1	24	17.46	17.64	17.64	17.83	17.54		
5	256QAM	12	0	17.64	17.79	17.71	17.73	17.76	19	5
5	256QAM	12	7	17.70	17.41	17.68	17.65	17.49		
5	256QAM	12	13	17.44	17.57	17.74	17.58	17.50		
5	256QAM	25	0	17.40	17.27	17.63	17.45	17.34		

Band 38 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.17	20.22	20.17	21.3	0
20	QPSK	1	49	19.99	20.09	20.05		
20	QPSK	1	99	19.92	20.04	20.03		
20	QPSK	50	0	20.04	20.13	20.00		
20	QPSK	50	24	19.89	19.97	19.84	21.3	0
20	QPSK	50	50	19.87	20.03	19.94		
20	QPSK	100	0	20.02	20.02	20.06		
20	16QAM	1	0	19.83	20.01	19.93		
20	16QAM	1	49	19.91	20.04	19.82	21.3	0
20	16QAM	1	99	19.84	20.04	19.94		
20	16QAM	50	0	19.81	19.96	19.98		
20	16QAM	50	24	19.59	19.89	19.74	21.3	0
20	16QAM	50	50	19.90	19.82	19.85		
20	16QAM	100	0	19.89	20.12	19.89		
20	64QAM	1	0	20.02	19.94	20.14		
20	64QAM	1	49	19.77	19.95	19.89	21.3	0
20	64QAM	1	99	19.96	20.00	19.83		
20	64QAM	50	0	19.73	19.84	19.76		
20	64QAM	50	24	19.64	19.80	19.67	21	0.3
20	64QAM	50	50	19.76	19.63	19.59		
20	64QAM	100	0	19.81	19.77	19.72		
20	256QAM	1	0	17.67	17.86	17.80		
20	256QAM	1	49	17.73	17.75	17.62	19	2.3
20	256QAM	1	99	17.71	17.66	17.49		
20	256QAM	50	0	17.75	17.83	17.77		
20	256QAM	50	24	17.61	17.78	17.69	19	2.3
20	256QAM	50	50	17.58	17.65	17.40		
20	256QAM	100	0	17.71	17.53	17.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.12	20.09	20.17	21.3	0
15	QPSK	1	37	19.96	20.00	20.00		
15	QPSK	1	74	19.90	20.01	20.01		
15	QPSK	36	0	19.92	20.11	19.97		
15	QPSK	36	20	19.72	19.87	19.71	21.3	0
15	QPSK	36	39	19.78	20.03	19.87		
15	QPSK	75	0	19.88	19.94	20.05		
15	16QAM	1	0	19.67	19.84	19.83		
15	16QAM	1	37	19.77	20.00	19.76	21.3	0
15	16QAM	1	74	19.84	19.96	19.76		
15	16QAM	36	0	19.74	19.92	19.84		
15	16QAM	36	20	19.55	19.86	19.62	21.3	0
15	16QAM	36	39	19.86	19.68	19.71		
15	16QAM	75	0	19.72	19.94	19.86		
15	64QAM	1	0	19.99	19.93	20.00		
15	64QAM	1	37	19.73	19.82	19.85	21.3	0
15	64QAM	1	74	19.83	19.95	19.77		
15	64QAM	36	0	19.53	19.71	19.56		
15	64QAM	36	20	19.49	19.60	19.53	21	0.3
15	64QAM	36	39	19.73	19.48	19.49		
15	64QAM	75	0	19.67	19.68	19.58		
15	256QAM	1	0	17.50	17.67	17.71		
15	256QAM	1	37	17.52	17.63	17.56	19	2.3
15	256QAM	1	74	17.55	17.48	17.41		
15	256QAM	36	0	17.63	17.80	17.68		
15	256QAM	36	20	17.46	17.71	17.53	19	2.3
15	256QAM	36	39	17.40	17.48	17.36		
15	256QAM	75	0	17.51	17.42	17.37		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.03	20.14	20.10	21.3	0
10	QPSK	1	25	19.91	19.94	19.87		
10	QPSK	1	49	19.80	19.94	19.95		
10	QPSK	25	0	20.02	19.95	19.97		
10	QPSK	25	12	19.72	19.91	19.68	21.3	0
10	QPSK	25	25	19.85	19.90	19.82		
10	QPSK	50	0	20.01	19.98	19.96		
10	16QAM	1	0	19.65	19.94	19.78		
10	16QAM	1	25	19.76	19.96	19.72	21.3	0
10	16QAM	1	49	19.76	20.00	19.87		
10	16QAM	25	0	19.74	19.86	19.91		
10	16QAM	25	12	19.50	19.71	19.64	21.3	0
10	16QAM	25	25	19.89	19.72	19.69		
10	16QAM	50	0	19.86	20.05	19.72		
10	64QAM	1	0	19.99	19.93	20.07	21.3	0
10	64QAM	1	25	19.59	19.94	19.73		
10	64QAM	50	0	19.71	19.67	19.67	21	0.3
10	256QAM	1	0	17.49	17.67	17.68		
10	256QAM	1	25	17.55	17.54	17.44	19	2.3
10	256QAM	1	49	17.65	17.55	17.45		
10	256QAM	25	0	17.56	17.77	17.73		
10	256QAM	25	12	17.56	17.52	17.65	19	2.3
10	256QAM	25	25	17.46	17.56	17.35		
10	256QAM	50	0	17.63	17.48	17.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.06	20.04	20.05	21.3	0
5	QPSK	1	12	19.90	19.97	20.03		
5	QPSK	1	24	19.85	19.87	20.01		
5	QPSK	12	0	19.96	20.05	19.98		
5	QPSK	12	7	19.75	19.88	19.72	21.3	0
5	QPSK	12	13	19.82	19.99	19.85		
5	QPSK	25	0	19.88	19.95	20.00		
5	16QAM	1	0	19.79	19.86	19.87		
5	16QAM	1	12	19.82	19.91	19.65	21.3	0
5	16QAM	1	24	19.81	19.89	19.92		
5	16QAM	12	0	19.76	19.83	19.96		
5	16QAM	12	7	19.50	19.79	19.66	21.3	0
5	16QAM	12	13	19.78	19.70	19.70		
5	16QAM	25	0	19.82	20.05	19.78		
5	64QAM	1	0	19.86	19.87	20.08		
5	64QAM	1	12	19.77	19.83	19.74	21.3	0
5	64QAM	1	24	19.93	19.95	19.79		
5	64QAM	12	0	19.59	19.65	19.69		
5	64QAM	12	7	19.43	19.74	19.49	21	0.3
5	64QAM	12	13	19.59	19.47	19.43		
5	64QAM	25	0	19.69	19.60	19.63		
5	256QAM	1	0	17.57	17.78	17.76		
5	256QAM	1	12	17.57	17.63	17.56	19	2.3
5	256QAM	1	24	17.51	17.46	17.35		
5	256QAM	12	0	17.71	17.71	17.66		
5	256QAM	12	7	17.57	17.60	17.48	19	2.3
5	256QAM	12	13	17.51	17.62	17.32		
5	256QAM	25	0	17.58	17.38	17.36		

Band 41 Ant 4 DSI2

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	20.22	20.20	20.28	20.25	20.24	21.3	0
20	QPSK	1	49	20.21	20.05	20.20	20.08	20.22		
20	QPSK	1	99	20.22	20.09	20.19	20.15	20.09		
20	QPSK	50	0	20.12	20.10	20.20	20.11	20.15		
20	QPSK	50	24	20.09	19.96	20.12	20.00	20.14	21.3	0
20	QPSK	50	50	20.11	19.96	20.15	20.09	20.05		
20	QPSK	100	0	20.15	20.05	20.17	20.14	20.15		
20	16QAM	1	0	20.16	19.99	20.17	20.05	20.15		
20	16QAM	1	49	20.01	19.99	20.12	19.97	20.15	21.3	0
20	16QAM	1	99	20.19	19.90	20.10	19.95	19.88		
20	16QAM	50	0	20.02	19.98	20.04	19.98	20.02		
20	16QAM	50	24	20.05	19.76	20.02	19.87	20.02	21.3	0
20	16QAM	50	50	19.93	19.93	19.95	19.96	19.85		
20	16QAM	100	0	20.08	19.98	20.13	20.01	20.11		
20	64QAM	1	0	20.11	20.08	20.09	20.14	20.11		
20	64QAM	1	49	20.04	19.91	20.03	19.98	20.18	21.3	0
20	64QAM	1	99	20.19	19.99	20.14	19.99	20.00		
20	64QAM	50	0	19.57	19.47	19.68	19.50	19.50		
20	64QAM	50	24	19.32	19.39	19.50	19.59	19.35	21	0.3
20	64QAM	50	50	19.43	19.50	19.52	19.36	19.34		
20	64QAM	100	0	19.50	19.54	19.60	19.58	19.44		
20	256QAM	1	0	17.62	17.45	17.56	17.60	17.63		
20	256QAM	1	49	17.43	17.36	17.41	17.49	17.36	19	2.3
20	256QAM	1	99	17.45	17.56	17.57	17.50	17.42		
20	256QAM	50	0	17.57	17.48	17.60	17.52	17.45		
20	256QAM	50	24	17.53	17.20	17.48	17.31	17.51	19	2.3
20	256QAM	50	50	17.17	17.23	17.24	17.30	17.19		
20	256QAM	100	0	17.34	17.29	17.37	17.33	17.28		
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	20.17	20.05	20.12	20.20	20.17	21.30	0
15	QPSK	1	37	20.17	19.96	20.20	20.03	20.12		
15	QPSK	1	74	20.19	20.07	20.04	20.14	20.09		
15	QPSK	36	0	20.03	19.94	20.08	20.11	20.08		
15	QPSK	36	20	20.06	19.93	20.00	19.97	20.01	21.3	0
15	QPSK	36	39	20.07	19.93	20.07	20.03	20.04		
15	QPSK	75	0	20.00	19.95	20.06	19.97	19.99		
15	16QAM	1	0	20.08	19.95	19.99	19.90	20.11		
15	16QAM	1	37	19.87	19.95	20.06	19.87	20.03	21.3	0
15	16QAM	1	74	20.04	19.89	20.07	19.78	19.86		
15	16QAM	36	0	20.01	19.95	19.89	19.96	19.87		
15	16QAM	36	20	19.92	19.62	19.90	19.72	19.89	21.3	0
15	16QAM	36	39	19.92	19.83	19.91	19.91	19.69		
15	16QAM	75	0	20.02	19.90	20.06	19.87	19.96		
15	64QAM	1	0	19.98	20.03	19.96	20.05	19.95		
15	64QAM	1	37	19.98	19.84	19.98	19.88	20.14	21.3	0
15	64QAM	1	74	20.14	19.92	19.97	19.89	19.93		
15	64QAM	36	0	19.42	19.44	19.59	19.38	19.36		
15	64QAM	36	20	19.18	19.28	19.39	19.44	19.24	21	0.3
15	64QAM	36	39	19.34	19.32	19.42	19.22	19.21		
15	64QAM	75	0	19.40	19.46	19.43	19.44	19.26		
15	256QAM	1	0	17.53	17.42	17.45	17.43	17.50		
15	256QAM	1	37	17.26	17.28	17.31	17.45	17.17	19	2.3
15	256QAM	1	74	17.41	17.51	17.43	17.46	17.39		
15	256QAM	36	0	17.45	17.40	17.48	17.42	17.27		
15	256QAM	36	20	17.43	17.08	17.29	17.14	17.42	19	2.3
15	256QAM	36	39	17.01	17.15	17.05	17.11	17.08		
15	256QAM	75	0	17.27	17.15	17.23	17.21	17.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.18	20.19	20.17	20.07	20.17	21.30	0
10	QPSK	1	25	20.11	19.89	20.18	20.07	20.15		
10	QPSK	1	49	20.16	20.06	20.06	20.03	20.02		
10	QPSK	25	0	20.00	20.07	20.03	20.00	20.14		
10	QPSK	25	12	19.96	19.84	20.02	19.91	20.12	21.3	0
10	QPSK	25	25	20.05	19.91	20.13	20.06	20.01		
10	QPSK	50	0	20.05	19.90	20.05	20.01	20.04		
10	16QAM	1	0	19.99	19.87	20.03	19.97	20.04		
10	16QAM	1	25	19.90	19.84	20.11	19.88	20.06	21.3	0
10	16QAM	1	49	20.15	19.89	19.95	19.81	19.71		
10	16QAM	25	0	19.86	19.82	19.95	19.95	19.89		
10	16QAM	25	12	19.91	19.70	19.92	19.87	19.94	21.3	0
10	16QAM	25	25	19.84	19.83	19.91	19.89	19.80		
10	16QAM	50	0	20.01	19.87	19.96	19.92	20.06		
10	64QAM	1	0	19.95	19.91	19.91	20.02	20.07	21.3	0
10	64QAM	1	25	19.91	19.78	20.01	19.85	20.14		
10	64QAM	50	0	19.37	19.49	19.49	19.54	19.28	21	0.3
10	256QAM	1	0	17.56	17.37	17.41	17.43	17.46		
10	256QAM	1	25	17.31	17.15	17.29	17.34	17.28	19	2.3
10	256QAM	1	49	17.32	17.37	17.49	17.41	17.22		
10	256QAM	25	0	17.48	17.38	17.54	17.48	17.34		
10	256QAM	25	12	17.39	17.16	17.35	17.26	17.33	19	2.3
10	256QAM	25	25	17.12	17.08	17.15	17.25	17.09		
10	256QAM	50	0	17.28	17.20	17.19	17.29	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.12	20.16	20.14	20.24	20.11	21.30	0
5	QPSK	1	12	20.20	19.93	20.03	19.96	20.13		
5	QPSK	1	24	20.15	20.00	20.05	19.99	19.98		
5	QPSK	12	0	20.09	20.03	20.07	20.09	20.08		
5	QPSK	12	7	19.99	19.85	19.95	19.96	20.03	21.3	0
5	QPSK	12	13	20.05	19.92	20.10	20.04	19.90		
5	QPSK	25	0	20.14	19.89	20.13	19.99	20.13		
5	16QAM	1	0	20.07	19.84	19.99	20.01	20.13		
5	16QAM	1	12	19.90	19.93	20.03	19.82	19.99	21.3	0
5	16QAM	1	24	20.07	19.77	20.04	19.87	19.76		
5	16QAM	12	0	20.01	19.84	19.94	19.84	19.84		
5	16QAM	12	7	20.00	19.74	19.91	19.80	20.02	21.3	0
5	16QAM	12	13	19.75	19.92	19.79	19.78	19.84		
5	16QAM	25	0	20.03	19.82	20.09	19.87	19.99		
5	64QAM	1	0	19.94	19.96	20.07	20.12	20.08		
5	64QAM	1	12	19.89	19.73	20.03	19.84	20.11	21.3	0
5	64QAM	1	24	20.11	19.97	20.13	19.91	19.83		
5	64QAM	12	0	19.40	19.37	19.65	19.41	19.31		
5	64QAM	12	7	19.23	19.28	19.29	19.38	19.26	21	0.3
5	64QAM	12	13	19.25	19.45	19.32	19.18	19.23		
5	64QAM	25	0	19.31	19.43	19.49	19.42	19.30		
5	256QAM	1	0	17.52	17.29	17.39	17.48	17.56		
5	256QAM	1	12	17.30	17.22	17.28	17.37	17.18	19	2.3
5	256QAM	1	24	17.26	17.39	17.39	17.46	17.30		
5	256QAM	12	0	17.37	17.30	17.41	17.40	17.37		
5	256QAM	12	7	17.50	17.12	17.40	17.19	17.45	19	2.3
5	256QAM	12	13	17.13	17.16	17.11	17.18	17.14		
5	256QAM	25	0	17.18	17.25	17.28	17.24	17.08		

Band 42 Ant 5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3500	3540		
20	QPSK	1	0	15.78	15.80	15.75	16.8	0
20	QPSK	1	49	15.74	15.65	15.63		
20	QPSK	1	99	15.71	15.71	15.63		
20	QPSK	50	0	15.68	15.77	15.70	16.8	0
20	QPSK	50	24	15.70	15.65	15.71		
20	QPSK	50	50	15.73	15.65	15.70		
20	QPSK	100	0	15.71	15.75	15.69		
20	16QAM	1	0	15.67	15.66	15.61	16.8	0
20	16QAM	1	49	15.58	15.49	15.54		
20	16QAM	1	99	15.58	15.59	15.56		
20	16QAM	50	0	15.53	15.70	15.53	16.8	0
20	16QAM	50	24	15.62	15.53	15.55		
20	16QAM	50	50	15.60	15.56	15.56		
20	16QAM	100	0	15.63	15.64	15.58		
20	64QAM	1	0	15.71	15.66	15.57	16.8	0
20	64QAM	1	49	15.64	15.54	15.49		
20	64QAM	1	99	15.60	15.64	15.46		
20	64QAM	50	0	15.56	15.63	15.61	16.8	0
20	64QAM	50	24	15.63	15.47	15.60		
20	64QAM	50	50	15.65	15.53	15.60		
20	64QAM	100	0	15.62	15.61	15.59		
20	256QAM	1	0	15.71	15.63	15.66	16.8	0
20	256QAM	1	49	15.65	15.58	15.56		
20	256QAM	1	99	15.56	15.60	15.46		
20	256QAM	50	0	15.55	15.71	15.63	16.8	0
20	256QAM	50	24	15.54	15.51	15.59		
20	256QAM	50	50	15.61	15.51	15.61		
20	256QAM	100	0	15.57	15.66	15.54		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3497.5	3500	3542.5		
15	QPSK	1	0	15.62	15.66	15.65	16.8	0
15	QPSK	1	37	15.57	15.53	15.51		
15	QPSK	1	74	15.54	15.54	15.51		
15	QPSK	36	0	15.55	15.61	15.59	16.8	0
15	QPSK	36	20	15.58	15.51	15.61		
15	QPSK	36	39	15.55	15.56	15.59		
15	QPSK	75	0	15.63	15.62	15.53		
15	16QAM	1	0	15.50	15.53	15.55	16.8	0
15	16QAM	1	37	15.42	15.36	15.42		
15	16QAM	1	74	15.42	15.41	15.39		
15	16QAM	36	0	15.36	15.62	15.42	16.8	0
15	16QAM	36	20	15.46	15.45	15.46		
15	16QAM	36	39	15.48	15.43	15.46		
15	16QAM	75	0	15.57	15.57	15.51		
15	64QAM	1	0	15.65	15.60	15.45	16.8	0
15	64QAM	1	37	15.57	15.45	15.41		
15	64QAM	1	74	15.53	15.50	15.37		
15	64QAM	36	0	15.49	15.54	15.53	16.8	0
15	64QAM	36	20	15.52	15.33	15.52		
15	64QAM	36	39	15.56	15.43	15.52		
15	64QAM	75	0	15.55	15.51	15.42		
15	256QAM	1	0	15.55	15.50	15.49	16.8	0
15	256QAM	1	37	15.57	15.48	15.50		
15	256QAM	1	74	15.44	15.52	15.31		
15	256QAM	36	0	15.43	15.65	15.47	16.8	0
15	256QAM	36	20	15.45	15.36	15.44		
15	256QAM	36	39	15.44	15.44	15.49		
15	256QAM	75	0	15.43	15.56	15.41		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500	3545		
10	QPSK	1	0	15.61	15.69	15.59	16.8	0
10	QPSK	1	25	15.64	15.56	15.48		
10	QPSK	1	49	15.65	15.59	15.48		
10	QPSK	25	0	15.56	15.68	15.64	16.8	0
10	QPSK	25	12	15.57	15.51	15.54		
10	QPSK	25	25	15.62	15.57	15.55		
10	QPSK	50	0	15.59	15.63	15.54		
10	16QAM	1	0	15.58	15.59	15.51	16.8	0
10	16QAM	1	25	15.41	15.32	15.47		
10	16QAM	1	49	15.44	15.49	15.48		
10	16QAM	25	0	15.39	15.54	15.41	16.8	0
10	16QAM	25	12	15.51	15.45	15.37		
10	16QAM	25	25	15.54	15.38	15.44		
10	16QAM	50	0	15.51	15.49	15.47		
10	64QAM	1	0	15.60	15.59	15.43	16.8	0
10	64QAM	1	25	15.54	15.46	15.40		
10	64QAM	1	49	15.52	15.48	15.28		
10	64QAM	25	0	15.48	15.48	15.46	16.8	0
10	64QAM	25	12	15.48	15.38	15.53		
10	64QAM	25	25	15.49	15.47	15.46		
10	64QAM	50	0	15.49	15.45	15.44		
10	256QAM	1	0	15.58	15.51	15.56	16.8	0
10	256QAM	1	25	15.54	15.44	15.41		
10	256QAM	1	49	15.44	15.47	15.35		
10	256QAM	25	0	15.41	15.56	15.55	16.8	0
10	256QAM	25	12	15.41	15.42	15.45		
10	256QAM	25	25	15.55	15.34	15.47		
10	256QAM	50	0	15.51	15.55	15.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.5	3500	3547.5		
5	QPSK	1	0	15.63	15.66	15.61	16.8	0
5	QPSK	1	12	15.60	15.47	15.49		
5	QPSK	1	24	15.57	15.56	15.57		
5	QPSK	12	0	15.62	15.61	15.56	16.8	0
5	QPSK	12	7	15.60	15.55	15.55		
5	QPSK	12	13	15.57	15.54	15.60		
5	QPSK	25	0	15.64	15.63	15.62		
5	16QAM	1	0	15.50	15.59	15.45	16.8	0
5	16QAM	1	12	15.51	15.32	15.45		
5	16QAM	1	24	15.51	15.46	15.50		
5	16QAM	12	0	15.41	15.63	15.36	16.8	0
5	16QAM	12	7	15.55	15.41	15.40		
5	16QAM	12	13	15.45	15.44	15.41		
5	16QAM	25	0	15.48	15.58	15.44		
5	64QAM	1	0	15.60	15.53	15.44	16.8	0
5	64QAM	1	12	15.48	15.38	15.38		
5	64QAM	1	24	15.44	15.50	15.36		
5	64QAM	12	0	15.39	15.48	15.44	16.8	0
5	64QAM	12	7	15.50	15.31	15.44		
5	64QAM	12	13	15.59	15.42	15.46		
5	64QAM	25	0	15.53	15.44	15.49		
5	256QAM	1	0	15.61	15.48	15.48	16.8	0
5	256QAM	1	12	15.58	15.41	15.41		
5	256QAM	1	24	15.44	15.44	15.40		
5	256QAM	12	0	15.44	15.59	15.54	16.8	0
5	256QAM	12	7	15.39	15.34	15.45		
5	256QAM	12	13	15.51	15.43	15.51		
5	256QAM	25	0	15.44	15.49	15.42		

Reduced Power Mode for DSI3

	GSM850 Ant 0 DSI3							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	190	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.27	32.37	32.22	33.50	23.27	23.37	23.22	24.50
GPRS 1 Tx slot	32.25	32.40	32.30	33.50	23.25	23.40	23.30	24.50
GPRS 2 Tx slots	30.27	30.38	30.38	31.50	24.27	24.38	24.38	25.50
GPRS 3 Tx slots	28.51	28.64	28.53	29.50	24.25	24.38	24.27	25.24
GPRS 4 Tx slots	26.92	27.00	27.00	28.00	23.92	24.00	24.00	25.00
EDGE 1 Tx slot	25.25	25.44	25.36	26.50	16.25	16.44	16.36	17.50
EDGE 2 Tx slots	24.89	25.07	25.02	26.00	18.89	19.07	19.02	20.00
EDGE 3 Tx slots	24.31	24.44	24.32	25.50	20.05	20.18	20.06	21.24
EDGE 4 Tx slots	23.71	23.79	23.63	25.00	20.71	20.79	20.63	22.00

	GSM1900 Ant 0 DSI3							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.02	26.33	26.25	27.10	17.02	17.33	17.25	18.10
GPRS 1 Tx slot	26.04	26.49	26.38	27.10	17.04	17.49	17.38	18.10
GPRS 2 Tx slots	22.83	23.18	23.03	24.10	16.83	17.18	17.03	18.10
GPRS 3 Tx slots	21.49	21.45	21.49	22.30	17.23	17.19	17.23	18.04
GPRS 4 Tx slots	19.92	19.97	19.75	21.10	16.92	16.97	16.75	18.10
EDGE 1 Tx slot	24.36	24.23	24.43	26.00	15.36	15.23	15.43	17.00
EDGE 2 Tx slots	22.95	23.08	22.81	24.10	16.95	17.08	16.81	18.10
EDGE 3 Tx slots	21.13	21.49	21.18	22.30	16.87	17.23	16.92	18.04
EDGE 4 Tx slots	19.80	19.96	20.15	21.10	16.80	16.96	17.15	18.10

		WCDMA II Ant 0 DSI3				WCDMA IV Ant 0 DSI3				WCDMA V Ant 0 DSI3				
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V				Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.8		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	18.72	18.74	18.69	19.70	16.82	16.87	16.84	18.20	23.08	23.11	23.09		24.00
3GPP Rel 99	RMC 12.2Kbps	18.75	18.80	18.72	19.70	16.86	16.92	16.88	18.20	23.12	23.16	23.15		24.00
3GPP Rel 6	HSDPA Subtest-1	16.71	16.79	16.66	18.70	15.84	15.93	15.85	17.20	22.20	22.24	22.07		23.00
3GPP Rel 6	HSDPA Subtest-2	16.69	16.83	16.78	18.70	15.85	15.86	15.91	17.20	22.11	22.20	22.14		23.00
3GPP Rel 6	HSDPA Subtest-3	17.30	17.29	17.17	18.20	15.41	15.45	15.41	16.70	21.63	21.63	21.73		22.50
3GPP Rel 6	HSDPA Subtest-4	17.23	17.30	17.17	18.20	15.40	15.45	15.41	16.70	21.57	21.62	21.61		22.50
3GPP Rel 6	HSUPA Subtest-1	16.76	16.75	16.72	18.70	15.81	15.90	15.90	17.20	22.15	22.12	22.17		23.00
3GPP Rel 6	HSUPA Subtest-2	14.73	14.81	14.76	16.70	13.87	13.87	13.84	15.20	20.15	20.08	20.22		21.00
3GPP Rel 6	HSUPA Subtest-3	16.81	16.78	16.69	17.70	14.85	14.95	14.85	16.20	21.10	21.14	21.13		22.00
3GPP Rel 6	HSUPA Subtest-4	14.71	14.81	14.71	16.70	13.84	13.88	13.82	15.20	20.11	20.16	20.06		21.00
3GPP Rel 6	HSUPA Subtest-5	16.77	16.75	16.73	18.70	15.83	15.95	15.87	17.20	22.21	22.20	22.08		23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.23	14.33	14.23	16.20	13.35	13.40	13.44	14.70	19.62	19.60	19.62		20.50

Band 2 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.33	19.39	19.32	20.5	0
20	QPSK	1	49	19.25	19.23	19.24		
20	QPSK	1	99	19.26	19.23	19.18		
20	QPSK	50	0	19.21	19.30	19.21		
20	QPSK	50	24	19.15	19.08	19.11	20.5	0
20	QPSK	50	50	19.10	19.09	19.18		
20	QPSK	100	0	19.27	19.28	19.13		
20	16QAM	1	0	19.19	19.25	19.18		
20	16QAM	1	49	19.02	19.04	19.07	20.5	0
20	16QAM	1	99	19.18	19.03	19.08		
20	16QAM	50	0	18.96	19.15	19.03		
20	16QAM	50	24	19.01	18.97	18.88	20.5	0
20	16QAM	50	50	19.05	18.98	19.05		
20	16QAM	100	0	19.09	18.99	19.00		
20	64QAM	1	0	19.18	19.22	19.12		
20	64QAM	1	49	19.19	19.12	18.97	20.5	0
20	64QAM	1	99	19.11	19.08	19.11		
20	64QAM	50	0	19.02	19.19	19.09		
20	64QAM	50	24	19.00	18.88	18.61	20.5	0
20	64QAM	50	50	18.98	18.86	19.00		
20	64QAM	100	0	19.10	19.07	19.02		
20	256QAM	1	0	17.82	17.95	17.73		
20	256QAM	1	49	17.77	17.73	17.77	19	1.5
20	256QAM	1	99	17.77	17.68	17.66		
20	256QAM	50	0	17.73	17.77	17.75		
20	256QAM	50	24	17.67	17.62	17.58	19	1.5
20	256QAM	50	50	17.72	17.49	17.65		
20	256QAM	100	0	17.78	17.70	17.70		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.28	19.24	19.25	20.5	0
15	QPSK	1	37	19.10	19.14	19.17		
15	QPSK	1	74	19.19	19.07	19.02		
15	QPSK	36	0	19.09	19.15	19.14		
15	QPSK	36	20	19.01	18.95	19.00		
15	QPSK	36	39	19.00	19.04	19.11		
15	QPSK	75	0	19.22	19.18	19.08		
15	16QAM	1	0	19.11	19.20	19.09	20.5	0
15	16QAM	1	37	18.89	18.93	18.96		
15	16QAM	1	74	19.14	18.87	18.92		
15	16QAM	36	0	18.92	19.05	18.98	20.5	0
15	16QAM	36	20	18.92	18.82	18.78		
15	16QAM	36	39	19.00	18.93	18.95		
15	16QAM	75	0	18.94	18.83	18.94		
15	64QAM	1	0	19.11	19.15	19.06		
15	64QAM	1	37	19.14	19.03	18.88	20.5	0
15	64QAM	1	74	19.05	18.93	18.99		
15	64QAM	36	0	18.89	19.12	19.02		
15	64QAM	36	20	18.84	18.73	18.85	20.5	0
15	64QAM	36	39	18.86	18.79	18.93		
15	64QAM	75	0	18.96	18.95	18.96		
15	256QAM	1	0	17.72	17.84	17.64		
15	256QAM	1	37	17.70	17.64	17.61	19	1.5
15	256QAM	1	74	17.65	17.60	17.51		
15	256QAM	36	0	17.58	17.61	17.67		
15	256QAM	36	20	17.59	17.50	17.48	19	1.5
15	256QAM	36	39	17.59	17.37	17.56		
15	256QAM	75	0	17.71	17.64	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.19	19.24	19.25	20.5	0
10	QPSK	1	25	19.21	19.14	19.10		
10	QPSK	1	49	19.18	19.13	19.06		
10	QPSK	25	0	19.14	19.19	19.13		
10	QPSK	25	12	19.10	18.93	19.00	20.5	0
10	QPSK	25	25	18.95	18.96	18.94		
10	QPSK	50	0	19.12	19.15	18.99		
10	16QAM	1	0	19.07	19.12	19.10		
10	16QAM	1	25	18.88	19.00	19.02	20.5	0
10	16QAM	1	49	19.06	18.88	19.03		
10	16QAM	25	0	18.87	19.03	18.99		
10	16QAM	25	12	18.88	18.81	18.74	20.5	0
10	16QAM	25	25	19.00	18.88	18.98		
10	16QAM	50	0	19.00	18.85	18.95		
10	64QAM	1	0	19.07	19.15	19.07		
10	64QAM	1	25	19.09	19.02	18.87	20.5	0
10	64QAM	1	49	19.06	18.97	18.98		
10	64QAM	25	0	18.96	19.10	19.02		
10	64QAM	25	12	18.86	18.79	18.93	20.5	0
10	64QAM	25	25	18.91	18.76	18.88		
10	64QAM	50	0	19.04	18.93	18.96		
10	256QAM	1	0	17.71	17.85	17.57		
10	256QAM	1	25	17.71	17.66	17.61	19	1.5
10	256QAM	1	49	17.73	17.56	17.51		
10	256QAM	25	0	17.64	17.63	17.66		
10	256QAM	25	12	17.62	17.46	17.47	19	1.5
10	256QAM	25	25	17.68	17.38	17.59		
10	256QAM	50	0	17.74	17.61	17.64		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.28	19.34	19.22	20.5	0
5	QPSK	1	12	19.15	19.13	19.12		
5	QPSK	1	24	19.14	19.18	19.03		
5	QPSK	12	0	19.17	19.17	19.08		
5	QPSK	12	7	19.02	18.95	19.00	20.5	0
5	QPSK	12	13	19.05	19.04	19.02		
5	QPSK	25	0	19.23	19.15	19.01		
5	16QAM	1	0	19.04	19.21	19.13		
5	16QAM	1	12	18.88	18.95	18.91	20.5	0
5	16QAM	1	24	19.05	18.88	19.01		
5	16QAM	12	0	18.89	18.99	18.91		
5	16QAM	12	7	18.88	18.88	18.76	20.5	0
5	16QAM	12	13	18.97	18.88	18.94		
5	16QAM	25	0	18.97	18.87	18.85		
5	64QAM	1	0	19.07	19.09	19.04		
5	64QAM	1	12	19.09	19.04	18.86	20.5	0
5	64QAM	1	24	19.00	18.92	19.01		
5	64QAM	12	0	18.96	19.05	19.03		
5	64QAM	12	7	18.95	18.82	18.92	20.5	0
5	64QAM	12	13	18.82	18.75	18.84		
5	64QAM	25	0	18.94	19.00	18.88		
5	256QAM	1	0	17.69	17.90	17.65		
5	256QAM	1	12	17.71	17.61	17.73	19	1.5
5	256QAM	1	24	17.69	17.58	17.60		
5	256QAM	12	0	17.66	17.67	17.70		
5	256QAM	12	7	17.53	17.48	17.53	19	1.5
5	256QAM	12	13	17.63	17.36	17.53		
5	256QAM	25	0	17.67	17.64	17.60		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.28	19.27	19.23	20.5	0
3	QPSK	1	8	19.20	19.10	19.14		
3	QPSK	1	14	19.10	19.08	19.07		
3	QPSK	8	0	19.16	19.25	19.14		
3	QPSK	8	4	19.01	19.00	19.04	20.5	0
3	QPSK	8	7	18.97	18.96	19.11		
3	QPSK	15	0	19.18	19.12	19.07		
3	16QAM	1	0	19.06	19.12	19.14		
3	16QAM	1	8	18.91	18.94	19.00	20.5	0
3	16QAM	1	14	19.06	18.92	18.99		
3	16QAM	8	0	18.82	19.06	18.90		
3	16QAM	8	4	18.89	18.91	18.76	20.5	0
3	16QAM	8	7	18.89	18.87	18.96		
3	16QAM	15	0	18.97	18.84	18.90		
3	64QAM	1	0	19.13	19.07	19.04		
3	64QAM	1	8	19.04	19.06	18.84	20.5	0
3	64QAM	1	14	18.95	19.01	18.96		
3	64QAM	8	0	18.95	19.06	18.96		
3	64QAM	8	4	18.96	18.73	18.87	20.5	0
3	64QAM	8	7	18.88	18.74	18.95		
3	64QAM	15	0	19.02	19.03	18.86		
3	256QAM	1	0	17.67	17.84	17.63		
3	256QAM	1	8	17.61	17.63	17.66	19	1.5
3	256QAM	1	14	17.70	17.61	17.61		
3	256QAM	8	0	17.66	17.66	17.71		
3	256QAM	8	4	17.59	17.50	17.43	19	1.5
3	256QAM	8	7	17.57	17.36	17.50		
3	256QAM	15	0	17.67	17.61	17.62		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.19	19.30	19.22	20.5	0
1.4	QPSK	1	3	19.17	19.13	19.15		
1.4	QPSK	1	5	19.21	19.16	19.04		
1.4	QPSK	3	0	19.16	19.24	19.16		
1.4	QPSK	3	1	19.04	18.98	19.01		
1.4	QPSK	3	3	19.04	19.02	19.07		
1.4	QPSK	6	0	19.22	19.14	19.02	20.5	0
1.4	16QAM	1	0	19.04	19.11	19.07	20.5	0
1.4	16QAM	1	3	18.91	18.95	18.92		
1.4	16QAM	1	5	19.06	18.89	18.95		
1.4	16QAM	3	0	18.80	19.05	18.89		
1.4	16QAM	3	1	18.94	18.83	18.74		
1.4	16QAM	3	3	18.96	18.90	19.00		
1.4	16QAM	6	0	19.00	18.93	18.96	20.5	0
1.4	64QAM	1	0	19.02	19.12	19.02	20.5	0
1.4	64QAM	1	3	19.08	19.00	18.91		
1.4	64QAM	1	5	19.01	18.93	19.00		
1.4	64QAM	3	0	18.90	19.08	19.04		
1.4	64QAM	3	1	18.87	18.82	18.95		
1.4	64QAM	3	3	18.83	18.77	18.89		
1.4	64QAM	6	0	19.03	18.93	18.87	20.5	0
1.4	256QAM	1	0	17.68	17.86	17.84	19	1.5
1.4	256QAM	1	3	17.63	17.59	17.64		
1.4	256QAM	1	5	17.62	17.59	17.53		
1.4	256QAM	3	0	17.63	17.69	17.65		
1.4	256QAM	3	1	17.52	17.55	17.42		
1.4	256QAM	3	3	17.61	17.38	17.50		
1.4	256QAM	6	0	17.69	17.62	17.57	19	1.5

Band 4 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.15	16.19	16.09	17.3	0
20	QPSK	1	49	16.05	16.05	16.10		
20	QPSK	1	99	16.02	16.04	16.04		
20	QPSK	50	0	16.02	16.10	16.01		
20	QPSK	50	24	15.90	15.94	15.99	17.3	0
20	QPSK	50	50	15.89	15.96	15.88		
20	QPSK	100	0	15.99	16.09	16.00		
20	16QAM	1	0	15.99	16.02	16.01		
20	16QAM	1	49	15.80	16.04	15.98	17.3	0
20	16QAM	1	99	15.84	15.97	16.00		
20	16QAM	50	0	15.89	15.96	15.95		
20	16QAM	50	24	15.74	15.89	15.88	17.3	0
20	16QAM	50	50	15.76	15.88	15.78		
20	16QAM	100	0	15.92	16.02	15.96		
20	64QAM	1	0	15.97	15.98	15.94		
20	64QAM	1	49	15.90	16.04	15.99	17.3	0
20	64QAM	1	99	15.99	15.94	15.96		
20	64QAM	50	0	15.95	15.98	15.91		
20	64QAM	50	24	15.69	15.86	15.94	17.3	0
20	64QAM	50	50	15.71	15.90	15.87		
20	64QAM	100	0	15.82	16.02	15.98		
20	256QAM	1	0	15.94	16.08	15.95		
20	256QAM	1	49	15.88	15.96	15.91	17.3	0
20	256QAM	1	99	15.87	15.92	15.93		
20	256QAM	50	0	15.97	15.86	15.95		
20	256QAM	50	24	15.72	15.88	15.89	17.3	0
20	256QAM	50	50	15.74	15.81	15.76		
20	256QAM	100	0	15.90	15.96	15.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.07	16.07	16.04	17.3	0
15	QPSK	1	37	15.92	15.97	15.96		
15	QPSK	1	74	15.92	15.98	15.93		
15	QPSK	36	0	15.87	16.00	15.92		
15	QPSK	36	20	15.78	15.85	15.89	17.3	0
15	QPSK	36	39	15.80	15.84	15.76		
15	QPSK	75	0	15.81	15.99	15.94		
15	16QAM	1	0	15.92	15.94	15.92	17.3	0
15	16QAM	1	37	15.75	15.94	15.85		
15	16QAM	1	74	15.71	15.88	15.89		
15	16QAM	36	0	15.75	15.86	15.91		
15	16QAM	36	20	15.60	15.77	15.84	17.3	0
15	16QAM	36	39	15.63	15.74	15.66		
15	16QAM	75	0	15.80	15.95	15.93		
15	64QAM	1	0	15.93	15.84	15.88		
15	64QAM	1	37	15.78	15.91	15.87	17.3	0
15	64QAM	1	74	15.88	15.80	15.87		
15	64QAM	36	0	15.92	15.86	15.86		
15	64QAM	36	20	15.60	15.81	15.87	17.3	0
15	64QAM	36	39	15.65	15.82	15.74		
15	64QAM	75	0	15.71	15.96	15.93		
15	256QAM	1	0	15.86	16.04	15.88		
15	256QAM	1	37	15.75	15.91	15.87	17.3	0
15	256QAM	1	74	15.73	15.84	15.79		
15	256QAM	36	0	15.91	15.78	15.85		
15	256QAM	36	20	15.61	15.83	15.85	17.3	0
15	256QAM	36	39	15.66	15.76	15.67		
15	256QAM	75	0	15.81	15.91	15.73		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.12	16.17	15.95	17.3	0
10	QPSK	1	25	15.96	16.01	15.98		
10	QPSK	1	49	15.88	15.94	16.00		
10	QPSK	25	0	15.88	16.01	15.97		
10	QPSK	25	12	15.83	15.89	15.84	17.3	0
10	QPSK	25	25	15.85	15.85	15.82		
10	QPSK	50	0	15.78	15.96	15.89		
10	16QAM	1	0	15.86	15.95	15.94		
10	16QAM	1	25	15.74	15.91	15.93	17.3	0
10	16QAM	1	49	15.76	15.87	15.85		
10	16QAM	25	0	15.85	15.90	15.90		
10	16QAM	25	12	15.70	15.75	15.74	17.3	0
10	16QAM	25	25	15.64	15.79	15.68		
10	16QAM	50	0	15.84	15.97	15.82		
10	64QAM	1	0	15.98	15.90	15.89	17.3	0
10	64QAM	1	25	15.81	15.91	15.92		
10	64QAM	1	49	15.94	15.85	15.84		
10	64QAM	25	0	15.90	15.90	15.85		
10	64QAM	25	12	15.66	15.74	15.87	17.3	0
10	64QAM	25	25	15.62	15.84	15.83		
10	64QAM	50	0	15.75	15.87	15.85		
10	256QAM	1	0	15.81	15.91	15.86		
10	256QAM	1	25	15.81	15.83	15.85	17.3	0
10	256QAM	1	49	15.72	15.81	15.89		
10	256QAM	25	0	15.93	15.75	15.90		
10	256QAM	25	12	15.67	15.83	15.85	17.3	0
10	256QAM	25	25	15.63	15.72	15.68		
10	256QAM	50	0	15.74	15.82	15.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.06	16.14	16.05	17.3	0
5	QPSK	1	12	16.00	15.92	16.00		
5	QPSK	1	24	15.94	15.97	16.00		
5	QPSK	12	0	15.95	16.05	15.86		
5	QPSK	12	7	15.85	15.84	15.93	17.3	0
5	QPSK	12	13	15.76	15.88	15.77		
5	QPSK	25	0	15.83	15.97	15.93		
5	16QAM	1	0	15.87	15.89	15.94		
5	16QAM	1	12	15.72	16.01	15.95	17.3	0
5	16QAM	1	24	15.78	15.91	15.87		
5	16QAM	12	0	15.77	15.91	15.85		
5	16QAM	12	7	15.60	15.84	15.84	17.3	0
5	16QAM	12	13	15.72	15.78	15.67		
5	16QAM	25	0	15.87	15.92	15.83		
5	64QAM	1	0	15.95	15.86	15.89		
5	64QAM	1	12	15.75	15.95	15.89	17.3	0
5	64QAM	1	24	15.84	15.90	15.87		
5	64QAM	12	0	15.92	15.93	15.80		
5	64QAM	12	7	15.54	15.73	15.88	17.3	0
5	64QAM	12	13	15.66	15.86	15.76		
5	64QAM	25	0	15.70	15.92	15.94		
5	256QAM	1	0	15.89	16.04	15.85		
5	256QAM	1	12	15.83	15.89	15.87	17.3	0
5	256QAM	1	24	15.76	15.87	15.80		
5	256QAM	12	0	15.84	15.72	15.80		
5	256QAM	12	7	15.63	15.75	15.84	17.3	0
5	256QAM	12	13	15.66	15.69	15.64		
5	256QAM	25	0	15.87	15.84	15.77		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.07	16.08	16.05	17.3	0
3	QPSK	1	8	15.90	15.95	16.04		
3	QPSK	1	14	15.99	15.99	15.96		
3	QPSK	8	0	15.94	15.98	15.89		
3	QPSK	8	4	15.81	15.87	15.87	17.3	0
3	QPSK	8	7	15.75	15.91	15.82		
3	QPSK	15	0	15.88	16.05	15.89		
3	16QAM	1	0	15.85	15.95	15.96		
3	16QAM	1	8	15.74	15.91	15.91	17.3	0
3	16QAM	1	14	15.72	15.89	15.86		
3	16QAM	8	0	15.86	15.88	15.81		
3	16QAM	8	4	15.61	15.76	15.75	17.3	0
3	16QAM	8	7	15.72	15.81	15.73		
3	16QAM	15	0	15.87	15.90	15.89		
3	64QAM	1	0	16.03	15.94	15.82		
3	64QAM	1	8	15.77	15.93	15.96	17.3	0
3	64QAM	1	14	15.93	15.86	15.86		
3	64QAM	8	0	15.89	15.91	15.86		
3	64QAM	8	4	15.59	15.73	15.80	17.3	0
3	64QAM	8	7	15.66	15.77	15.76		
3	64QAM	15	0	15.78	15.90	15.94		
3	256QAM	1	0	15.83	15.97	15.82		
3	256QAM	1	8	15.79	15.87	15.84	17.3	0
3	256QAM	1	14	15.78	15.86	15.81		
3	256QAM	8	0	15.91	15.78	15.87		
3	256QAM	8	4	15.63	15.84	15.83	17.3	0
3	256QAM	8	7	15.68	15.68	15.65		
3	256QAM	15	0	15.82	15.88	15.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.02	16.05	16.00	17.3	0
1.4	QPSK	1	3	15.96	15.99	16.00		
1.4	QPSK	1	5	15.95	15.98	15.96		
1.4	QPSK	3	0	15.87	16.02	15.87		
1.4	QPSK	3	1	15.84	15.85	15.87		
1.4	QPSK	3	3	15.83	15.82	15.75		
1.4	QPSK	6	0	15.85	15.96	15.92	17.3	0
1.4	16QAM	1	0	15.96	15.93	15.96	17.3	0
1.4	16QAM	1	3	15.74	15.92	15.94		
1.4	16QAM	1	5	15.79	15.83	15.92		
1.4	16QAM	3	0	15.78	15.86	15.81		
1.4	16QAM	3	1	15.61	15.79	15.81		
1.4	16QAM	3	3	15.63	15.83	15.66		
1.4	16QAM	6	0	15.87	15.98	15.89	17.3	0
1.4	64QAM	1	0	15.96	15.86	15.90	17.3	0
1.4	64QAM	1	3	15.77	15.91	15.94		
1.4	64QAM	1	5	15.92	15.90	15.83		
1.4	64QAM	3	0	15.91	15.87	15.78		
1.4	64QAM	3	1	15.62	15.71	15.82		
1.4	64QAM	3	3	15.65	15.87	15.73		
1.4	64QAM	6	0	15.74	15.91	15.90	17.3	0
1.4	256QAM	1	0	15.82	15.95	15.83	17.3	0
1.4	256QAM	1	3	15.84	15.92	15.87		
1.4	256QAM	1	5	15.80	15.85	15.85		
1.4	256QAM	3	0	15.84	15.80	15.83		
1.4	256QAM	3	1	15.60	15.76	15.84		
1.4	256QAM	3	3	15.68	15.71	15.65		
1.4	256QAM	6	0	15.86	15.93	15.78	17.3	0

Band 5 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.11	23.17	23.15	24	0
10	QPSK	1	25	23.04	23.08	23.06		
10	QPSK	1	49	22.97	23.06	23.02		
10	QPSK	25	0	22.10	22.18	22.10		
10	QPSK	25	12	22.07	22.15	22.08	23	1
10	QPSK	25	25	22.05	22.11	22.06		
10	QPSK	50	0	22.10	22.15	22.11		
10	16QAM	1	0	21.91	22.06	22.01		
10	16QAM	1	25	21.92	22.01	21.90	23	1
10	16QAM	1	49	21.93

Band 13 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.87		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.78			
10	QPSK	25	0		21.90		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.69			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.81			
10	16QAM	1	49		21.52			
10	16QAM	25	0		20.83		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.53			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.95			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.95		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.74	22.72	24	0
5	QPSK	1	12	22.69	22.74	22.72		
5	QPSK	1	24	22.59	22.63	22.67		
5	QPSK	12	0	21.72	21.75	21.84	23	1
5	QPSK	12	7	21.76	21.84	21.73		
5	QPSK	12	13	21.65	21.51	21.54		
5	QPSK	25	0	21.69	21.78	21.70		
5	16QAM	1	0	21.70	21.66	21.68	23	1
5	16QAM	1	12	21.63	21.69	21.69		
5	16QAM	1	24	21.32	21.47	21.35		
5	16QAM	12	0	20.64	20.72	20.71	22	2
5	16QAM	12	7	20.68	20.66	20.78		
5	16QAM	12	13	20.57	20.60	20.70		
5	16QAM	25	0	20.82	20.81	20.79		
5	64QAM	1	0	20.70	20.72	20.87	22	2
5	64QAM	1	12	20.70	20.71	20.78		
5	64QAM	1	24	20.48	20.46	20.50		
5	64QAM	12	0	19.70	19.79	19.70	21	3
5	64QAM	12	7	19.85	19.92	19.78		
5	64QAM	12	13	19.56	19.58	19.49		
5	64QAM	25	0	19.71	19.64	19.68		
5	256QAM	1	0	17.67	17.64	17.65	19	5
5	256QAM	1	12	17.74	17.91	17.77		
5	256QAM	1	24	17.52	17.59	17.50		
5	256QAM	12	0	17.91	17.76	17.81	19	5
5	256QAM	12	7	17.73	17.71	17.70		
5	256QAM	12	13	17.84	17.68	17.84		
5	256QAM	25	0	17.38	17.40	17.25		

Band 17 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.78	22.70	24	0
10	QPSK	1	25	22.65	22.67	22.66		
10	QPSK	1	49	22.67	22.61	22.69		
10	QPSK	25	0	21.76	21.87	21.73	23	1
10	QPSK	25	12	21.74	21.71	21.72		
10	QPSK	25	25	21.71	21.67	21.64		
10	QPSK	50	0	21.70	21.75	21.61		
10	16QAM	1	0	21.59	21.70	21.54	23	1
10	16QAM	1	25	21.64	21.49	21.53		
10	16QAM	1	49	21.58	21.54	21.51		
10	16QAM	25	0	20.79	20.96	20.64	22	2
10	16QAM	25	12	20.69	20.75	20.72		
10	16QAM	25	25	20.78	20.59	20.70		
10	16QAM	50	0	20.62	20.83	20.69		
10	64QAM	1	0	20.56	20.70	20.61	22	2
10	64QAM	1	25	20.63	20.43	20.58		
10	64QAM	1	49	20.64	20.50	20.55		
10	64QAM	25	0	19.78	19.83	19.78	21	3
10	64QAM	25	12	19.73	19.70	19.74		
10	64QAM	25	25	19.65	19.59	19.61		
10	64QAM	50	0	19.73	19.66	19.60		
10	256QAM	1	0	17.71	17.88	17.76	19	5
10	256QAM	1	25	17.77	17.72	17.70		
10	256QAM	1	49	17.65	17.68	17.58		
10	256QAM	25	0	17.73	17.75	17.53	19	5
10	256QAM	25	12	17.51	17.74	17.48		
10	256QAM	25	25	17.58	17.55	17.57		
10	256QAM	50	0	17.61	17.63	17.59		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.60	22.57	22.58	24	0
5	QPSK	1	12	22.51	22.62	22.58		
5	QPSK	1	24	22.59	22.57	22.62		
5	QPSK	12	0	21.63	21.82	21.56	23	1
5	QPSK	12	7	21.68	21.65	21.63		
5	QPSK	12	13	21.62	21.56	21.47		
5	QPSK	25	0	21.55	21.63	21.50		
5	16QAM	1	0	21.41	21.52	21.48	23	1
5	16QAM	1	12	21.48	21.39	21.49		
5	16QAM	1	24	21.54	21.36	21.35		
5	16QAM	12	0	20.68	20.82	20.46	22	2
5	16QAM	12	7	20.60	20.62	20.60		
5	16QAM	12	13	20.63	20.41	20.53		
5	16QAM	25	0	20.43	20.62	20.48		
5	64QAM	1	0	20.40	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.32	20.38		
5	64QAM	1	24	20.59	20.40	20.36		
5	64QAM	12	0	19.59	19.77	19.67	21	3
5	64QAM	12	7	19.64	19.57	19.69		
5	64QAM	12	13	19.49	19.48	19.49		
5	64QAM	25	0	19.64	19.46	19.43		
5	256QAM	1	0	17.53	17.69	17.67	19	5
5	256QAM	1	12	17.71	17.54	17.55		
5	256QAM	1	24	17.44	17.61	17.38		
5	256QAM	12	0	17.64	17.61	17.34	19	5
5	256QAM	12	7	17.41	17.67	17.37		
5	256QAM	12	13	17.44	17.51	17.41		
5	256QAM	25	0	17.54	17.54	17.41		

Band 25 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.43	19.46	19.40	20.5	0
20	QPSK	1	49	19.36	19.35	19.28		
20	QPSK	1	99	19.35	19.32	19.33		
20	QPSK	50	0	19.28	19.42	19.31		
20	QPSK	50	24	19.24	19.21	19.15		
20	QPSK	50	50	19.25	19.19	19.28		
20	QPSK	100	0	19.33	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.23	20.5	0
20	16QAM	1	49	19.17	19.19	19.15		
20	16QAM	1	99	19.23	19.15	19.19		
20	16QAM	50	0	19.09	19.01	19.20		
20	16QAM	50	24	19.10	19.11	19.00		
20	16QAM	50	50	19.16	19.08	19.18		
20	16QAM	100	0	19.18	19.13	19.12		
20	64QAM	1	0	19.33	19.35	19.24	20.5	0
20	64QAM	1	49	19.24	19.17	19.08		
20	64QAM	1	99	19.21	19.16	19.21		
20	64QAM	50	0	19.18	19.27	19.13		
20	64QAM	50	24	19.04	19.01	19.06		
20	64QAM	50	50	19.08	19.02	19.14		
20	64QAM	100	0	19.21	19.19	19.15		
20	256QAM	1	0	17.89	18.00	17.86	19	1.5
20	256QAM	1	49	17.81	17.87	17.81		
20	256QAM	1	99	17.90	17.83	17.78		
20	256QAM	50	0	17.83	17.89	17.82	19	1.5
20	256QAM	50	24	17.76	17.69	17.65		
20	256QAM	50	50	17.80	17.85	17.76		
20	256QAM	100	0	17.88	17.82	17.77		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.31	19.37	19.26	20.5	0
15	QPSK	1	37	19.28	19.23	19.14		
15	QPSK	1	74	19.20	19.23	19.26		
15	QPSK	36	0	19.23	19.30	19.18	20.5	0
15	QPSK	36	20	19.20	19.07	19.06		
15	QPSK	36	39	19.18	19.13	19.20		
15	QPSK	75	0	19.20	19.27	19.10		
15	16QAM	1	0	19.17	19.18	19.14	20.5	0
15	16QAM	1	37	19.03	19.04	19.00		
15	16QAM	1	74	19.13	19.00	19.04		
15	16QAM	36	0	18.94	19.15	19.04	20.5	0
15	16QAM	36	20	19.00	18.98	18.89		
15	16QAM	36	39	19.02	18.97	19.04		
15	16QAM	75	0	19.10	18.99	18.96		
15	64QAM	1	0	19.20	19.30	19.13	20.5	0
15	64QAM	1	37	19.18	19.04	18.97		
15	64QAM	1	74	19.16	19.02	19.09		
15	64QAM	36	0	19.05	19.20	19.02	20.5	0
15	64QAM	36	20	18.96	18.96	18.96		
15	64QAM	36	39	18.93	18.92	19.01		
15	64QAM	75	0	19.09	19.09	19.11		
15	256QAM	1	0	17.75	17.93	17.79	19	1.5
15	256QAM	1	37	17.71	17.78	17.70		
15	256QAM	1	74	17.75	17.69	17.71		
15	256QAM	36	0	17.79	17.76	17.73	19	1.5
15	256QAM	36	20	17.67	17.57	17.55		
15	256QAM	36	39	17.67	17.51	17.74		
15	256QAM	75	0	17.75	17.67	17.66		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.38	19.36	19.25	20.5	0
10	QPSK	1	25	19.20	19.28	19.15		
10	QPSK	1	49	19.19	19.24	19.18		
10	QPSK	25	0	19.14	19.36	19.23	20.5	0
10	QPSK	25	12	19.15	19.17	19.03		
10	QPSK	25	25	19.15	19.09	19.21		
10	QPSK	50	0	19.18	19.20	19.19		
10	16QAM	1	0	19.13	19.19	19.10	20.5	0
10	16QAM	1	25	19.11	19.06	18.99		
10	16QAM	1	49	19.10	19.10	19.12		
10	16QAM	25	0	18.99	19.16	19.01	20.5	0
10	16QAM	25	12	18.99	19.01	18.95		
10	16QAM	25	25	19.12	18.97	19.10		
10	16QAM	50	0	19.12	19.01	19.06		
10	64QAM	1	0	19.19	19.24	19.19	20.5	0
10	64QAM	1	25	19.13	19.06	19.01		
10	64QAM	1	49	19.09	19.07	19.16		
10	64QAM	25	0	19.12	19.18	19.01	20.5	0
10	64QAM	25	12	18.96	18.96	19.01		
10	64QAM	25	25	19.00	18.89	19.05		
10	64QAM	50	0	19.05	19.09	19.01		
10	256QAM	1	0	17.77	17.89	17.81	19	1.5
10	256QAM	1	25	17.75	17.73	17.72		
10	256QAM	1	49	17.79	17.75	17.64		
10	256QAM	25	0	17.68	17.75	17.69	19	1.5
10	256QAM	25	12	17.67	17.59	17.49		
10	256QAM	25	25	17.72	17.53	17.68		
10	256QAM	50	0	17.81	17.68	17.65		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.34	19.31	19.27	20.5	0
5	QPSK	1	12	19.24	19.20	19.23		
5	QPSK	1	24	19.27	19.19	19.24		
5	QPSK	12	0	19.12	19.30	19.18	20.5	0
5	QPSK	12	7	19.11	19.10	19.07		
5	QPSK	12	13	19.11	19.14	19.22		
5	QPSK	25	0	19.23	19.21	19.20		
5	16QAM	1	0	19.15	19.22	19.12	20.5	0
5	16QAM	1	12	19.07	19.05	19.00		
5	16QAM	1	24	19.13	19.02	19.10		
5	16QAM	12	0	18.99	19.19	19.01	20.5	0
5	16QAM	12	7	19.00	19.04	18.90		
5	16QAM	12	13	19.01	19.02	19.10		
5	16QAM	25	0	19.12	19.07	18.97		
5	64QAM	1	0	19.25	19.23	19.20	20.5	0
5	64QAM	1	12	19.18	19.03	19.03		
5	64QAM	1	24	19.06	19.10	19.14		
5	64QAM	12	0	19.03	19.15	19.08	20.5	0
5	64QAM	12	7	18.89	18.92	18.96		
5	64QAM	12	13	19.00	18.87	19.07		
5	64QAM	25	0	19.10	19.03	19.07		
5	256QAM	1	0	17.85	17.87	17.79	19	1.5
5	256QAM	1	12	17.67	17.81	17.66		
5	256QAM	1	24	17.85	17.73	17.67		
5	256QAM	12	0	17.76	17.74	17.74	19	1.5
5	256QAM	12	7	17.71	17.58	17.54		
5	256QAM	12	13	17.69	17.57	17.70		
5	256QAM	25	0	17.81	17.73	17.67		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.37	19.35	19.27	20.5	0
3	QPSK	1	8	19.27	19.20	19.17		
3	QPSK	1	14	19.24	19.16	19.19		
3	QPSK	8	0	19.13	19.27	19.17	20.5	0
3	QPSK	8	4	19.20	19.16	19.07		
3	QPSK	8	7	19.10	19.08	19.20		
3	QPSK	15	0	19.19	19.25	19.11		
3	16QAM	1	0	19.19	19.16	19.12	20.5	0
3	16QAM	1	8	19.05	19.06	19.03		
3	16QAM	1	14	19.18	19.06	19.05		
3	16QAM	8	0	18.96	19.17	19.00	20.5	0
3	16QAM	8	4	19.01	19.00	18.89		
3	16QAM	8	7	19.07	18.93	19.12		
3	16QAM	15	0	19.02	19.04	18.99		
3	64QAM	1	0	19.23	19.21	19.19	20.5	0
3	64QAM	1	8	19.10	19.06	19.02		
3	64QAM	1	14	19.11	19.06	19.07		
3	64QAM	8	0	19.07	19.13	18.99	20.5	0
3	64QAM	8	4	18.98	18.88	18.91		
3	64QAM	8	7	19.03	18.89	19.00		
3	64QAM	15	0	19.06	19.03	19.01		
3	256QAM	1	0	17.85	17.86	17.75	19	1.5
3	256QAM	1	8	17.69	17.82	17.68		
3	256QAM	1	14	17.86	17.73	17.66		
3	256QAM	8	0	17.70	17.84	17.73	19	1.5
3	256QAM	8	4	17.64	17.59	17.59		
3	256QAM	8	7	17.69	17.50	17.60		
3	256QAM	15	0	17.84	17.74	17.70		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.31	19.36	19.25	20.5	0
1.4	QPSK	1	3	19.31	19.25	19.16		
1.4	QPSK	1	5	19.24	19.27	19.24		
1.4	QPSK	3	0	19.21	19.30	19.24		
1.4	QPSK	3	1	19.10	19.14	19.02		
1.4	QPSK	3	3	19.18	19.06	19.17		
1.4	QPSK	6	0	19.21	19.23	19.10	20.5	0
1.4	16QAM	1	0	19.21	19.22	19.15	20.5	0
1.4	16QAM	1	3	19.02	19.10	19.08		
1.4	16QAM	1	5	19.10	19.10	19.14		
1.4	16QAM	3	0	18.93	19.15	19.00		
1.4	16QAM	3	1	19.05	19.05	18.89		
1.4	16QAM	3	3	19.10	19.02	19.10		
1.4	16QAM	6	0	19.10	19.00	19.01	20.5	0
1.4	64QAM	1	0	19.21	19.28	19.19	20.5	0
1.4	64QAM	1	3	19.11	19.01	18.96		
1.4	64QAM	1	5	19.15	19.08	19.08		
1.4	64QAM	3	0	19.10	19.22	19.04		
1.4	64QAM	3	1	18.99	18.92	18.91		
1.4	64QAM	3	3	19.00	18.89	19.06		
1.4	64QAM	6	0	19.13	19.05	19.11	20.5	0
1.4	256QAM	1	0	17.83	17.87	17.78	19	1.5
1.4	256QAM	1	3	17.68	17.74	17.67		
1.4	256QAM	1	5	17.80	17.73	17.63		
1.4	256QAM	3	0	17.69	17.81	17.72		
1.4	256QAM	3	1	17.71	17.59	17.60		
1.4	256QAM	3	3	17.72	17.54	17.66		
1.4	256QAM	6	0	17.81	17.72	17.67	19	1.5

Band 26 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.20	23.25	23.19	24	0
15	QPSK	1	37	23.09	23.23	23.10		
15	QPSK	1	74	23.09	23.14	23.12		
15	QPSK	36	0	22.15	22.32	22.23	23	1
15	QPSK	36	20	22.11	22.27	22.17		
15	QPSK	36	39	22.15	22.14	22.13		
15	QPSK	75	0	22.16	22.20	22.15		
15	16QAM	1	0	22.02	22.12	22.13	23	1
15	16QAM	1	37	21.87	22.16	22.00		
15	16QAM	1	74	22.08	21.91	21.94		
15	16QAM	36	0	21.10	21.30	21.26	22	2
15	16QAM	36	20	21.07	21.26	21.21		
15	16QAM	36	39	21.12	21.11	21.21		
15	16QAM	75	0	21.10	21.17	21.16		
15	64QAM	1	0	21.03	21.08	21.17	22	2
15	64QAM	1	37	20.82	21.21	20.95		
15	64QAM	1	74	21.12	20.83	20.88		
15	64QAM	36	0	20.18	20.38	20.17	21	3
15	64QAM	36	20	20.18	20.29	20.17		
15	64QAM	36	39	20.21	20.16	20.08		
15	64QAM	75	0	20.19	20.12	20.11		
15	256QAM	1	0	18.20	18.31	18.26	19	5
15	256QAM	1	37	18.08	18.26	18.18		
15	256QAM	1	74	18.08	18.10	18.07		
15	256QAM	36	0	18.17	18.22	18.12	19	5
15	256QAM	36	20	18.04	18.13	18.10		
15	256QAM	36	39	17.93	18.20	17.92		
15	256QAM	75	0	18.15	17.93	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.04	23.10	23.09	24	0
10	QPSK	1	25	22.89	23.11	23.01		
10	QPSK	1	49	23.04	23.00	22.98		
10	QPSK	25	0	21.97	22.21	22.10	23	1
10	QPSK	25	12	22.06	22.12	21.97		
10	QPSK	25	25	22.03	22.05	22.09		
10	QPSK	50	0	22.09	22.05	22.08		
10	16QAM	1	0	21.89	22.07	21.93	23	1
10	16QAM	1	25	21.72	21.95	21.83		
10	16QAM	1	49	21.90	21.79	21.88		
10	16QAM	25	0	21.00	21.10	21.06	22	2
10	16QAM	25	12	20.94	21.21	21.14		
10	16QAM	25	25	21.04	21.06	21.01		
10	16QAM	50	0	21.01	21.14	21.05		
10	64QAM	1	0	20.83	21.04	21.10	22	2
10	64QAM	1	25	20.68	21.10	20.77		
10	64QAM	1	49	21.04	20.68	20.75		
10	64QAM	25	0	20.09	20.19	19.99	21	3
10	64QAM	25	12	20.13	20.11	19.98		
10	64QAM	25	25	20.13	19.97	19.93		
10	64QAM	50	0	20.04	19.91	20.00		
10	256QAM	1	0	18.00	18.11	18.18	19	5
10	256QAM	1	25	17.93	18.05	18.11		
10	256QAM	1	49	17.93	17.94	17.98		
10	256QAM	25	0	18.11	18.17	18.08	19	5
10	256QAM	25	12	17.99	17.93	17.99		
10	256QAM	25	25	17.73	18.03	17.77		
10	256QAM	50	0	18.00	17.73	17.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.19	23.07	24	0
5	QPSK	1	12	23.05	23.17	23.03		
5	QPSK	1	24	22.98	22.99	23.05		
5	QPSK	12	0	21.95	22.11	22.02	23	1
5	QPSK	12	7	21.93	22.21	21.96		
5	QPSK	12	13	21.98	22.04	21.99		
5	QPSK	25	0	22.01	22.10	21.96		
5	16QAM	1	0	21.85	21.94	21.98	23	1
5	16QAM	1	12	21.76	22.10	21.94		
5	16QAM	1	24	21.90	21.75	21.73		
5	16QAM	12	0	20.94	21.23	21.22	22	2
5	16QAM	12	7	20.92	21.17	21.11		
5	16QAM	12	13	21.08	20.90	21.05		
5	16QAM	25	0	20.92	20.99	20.99		
5	64QAM	1	0	20.89	20.90	21.12	22	2
5	64QAM	1	12	20.74	21.10	20.89		
5	64QAM	1	24	20.95	20.71	20.76		
5	64QAM	12	0	20.09	20.32	19.98	21	3
5	64QAM	12	7	20.02	20

Band 66 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.18	16.23	16.20		
20	QPSK	1	49	16.08	16.18	16.16	17.3	0
20	QPSK	1	99	16.06	16.16	16.14		
20	QPSK	50	0	16.13	16.21	16.15		
20	QPSK	50	24	15.94	16.06	16.09	17.3	0
20	QPSK	50	50	15.95	16.04	16.01		
20	QPSK	100	0	16.06	16.17	16.13		
20	16QAM	1	0	16.04	16.10	16.13		
20	16QAM	1	49	15.93	16.09	16.06	17.3	0
20	16QAM	1	99	15.94	16.08	16.10		
20	16QAM	50	0	15.99	16.02	16.07		
20	16QAM	50	24	15.82	16.00	16.03	17.3	0
20	16QAM	50	50	15.86	16.00	15.93		
20	16QAM	100	0	15.97	16.06	16.07		
20	64QAM	1	0	16.15	16.10	16.05		
20	64QAM	1	49	16.02	16.14	16.06	17.3	0
20	64QAM	1	99	16.02	16.03	16.03		
20	64QAM	50	0	16.01	16.06	16.06		
20	64QAM	50	24	15.83	15.99	16.01	17.3	0
20	64QAM	50	50	15.84	15.97	15.95		
20	64QAM	100	0	15.94	16.09	16.05		
20	256QAM	1	0	16.07	16.17	16.07		
20	256QAM	1	49	15.94	16.06	16.05	17.3	0
20	256QAM	1	99	16.00	16.06	16.02		
20	256QAM	50	0	16.02	15.96	16.05		
20	256QAM	50	24	15.81	15.91	16.02	17.3	0
20	256QAM	50	50	15.86	15.89	15.89		
20	256QAM	100	0	16.01	16.02	15.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.13	16.16	16.15		
15	QPSK	1	37	16.05	16.09	16.08	17.3	0
15	QPSK	1	74	15.98	16.06	16.04		
15	QPSK	36	0	15.99	16.14	16.03		
15	QPSK	36	20	15.87	15.93	16.00	17.3	0
15	QPSK	36	39	15.88	16.00	15.95		
15	QPSK	75	0	16.00	16.08	16.01		
15	16QAM	1	0	15.97	15.99	16.08		
15	16QAM	1	37	15.82	15.97	16.00	17.3	0
15	16QAM	1	74	15.81	15.99	15.99		
15	16QAM	36	0	15.86	15.90	16.04		
15	16QAM	36	20	15.70	15.96	15.94	17.3	0
15	16QAM	36	39	15.75	15.97	15.85		
15	16QAM	75	0	15.88	15.96	15.99		
15	64QAM	1	0	16.07	16.05	16.01		
15	64QAM	1	37	15.90	16.10	15.96	17.3	0
15	64QAM	1	74	15.97	15.96	15.95		
15	64QAM	36	0	15.93	16.02	15.92		
15	64QAM	36	20	15.73	15.93	15.98	17.3	0
15	64QAM	36	39	15.78	15.83	15.85		
15	64QAM	75	0	15.84	16.02	16.01		
15	256QAM	1	0	15.92	16.03	15.96		
15	256QAM	1	37	15.86	15.99	15.94	17.3	0
15	256QAM	1	74	15.94	15.97	15.91		
15	256QAM	36	0	15.96	15.91	16.01		
15	256QAM	36	20	15.78	15.80	15.98	17.3	0
15	256QAM	36	39	15.73	15.85	15.76		
15	256QAM	75	0	15.90	15.98	15.86		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.14	16.17	16.08		
10	QPSK	1	25	15.96	16.07	16.05	17.3	0
10	QPSK	1	49	16.02	16.10	16.04		
10	QPSK	25	0	16.09	16.08	16.01		
10	QPSK	25	12	15.81	15.91	15.98	17.3	0
10	QPSK	25	25	15.86	15.93	15.97		
10	QPSK	50	0	15.93	16.13	15.99		
10	16QAM	1	0	16.00	15.98	15.98		
10	16QAM	1	25	15.85	16.00	15.93	17.3	0
10	16QAM	1	49	15.90	15.99	16.05		
10	16QAM	25	0	15.93	15.97	15.93		
10	16QAM	25	12	15.74	15.93	16.00	17.3	0
10	16QAM	25	25	15.79	15.92	15.87		
10	16QAM	50	0	15.91	15.96	15.98		
10	64QAM	1	0	16.04	15.99	15.99		
10	64QAM	1	25	15.88	16.05	16.00	17.3	0
10	64QAM	1	49	15.92	15.93	15.93		
10	64QAM	25	0	15.89	16.01	15.92		
10	64QAM	25	12	15.78	15.95	15.88	17.3	0
10	64QAM	25	25	15.79	15.88	15.84		
10	64QAM	50	0	15.85	16.04	15.94		
10	256QAM	1	0	15.92	16.05	16.01		
10	256QAM	1	25	15.84	15.98	15.97	17.3	0
10	256QAM	1	49	15.87	16.01	15.96		
10	256QAM	25	0	15.95	15.82	15.93		
10	256QAM	25	12	15.69	15.87	15.92	17.3	0
10	256QAM	25	25	15.81	15.78	15.83		
10	256QAM	50	0	15.97	15.96	15.90		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.07	16.13	16.10		
5	QPSK	1	12	16.00	16.13	16.10	17.3	0
5	QPSK	1	24	16.02	16.04	16.03		
5	QPSK	12	0	16.03	16.10	16.02		
5	QPSK	12	7	15.89	15.99	16.03	17.3	0
5	QPSK	12	13	15.89	15.98	15.88		
5	QPSK	25	0	16.00	16.11	16.04		
5	16QAM	1	0	15.99	16.04	16.06		
5	16QAM	1	12	15.83	15.96	16.03	17.3	0
5	16QAM	1	24	15.81	15.98	16.02		
5	16QAM	12	0	15.92	15.93	15.94		
5	16QAM	12	7	15.70	15.93	15.90	17.3	0
5	16QAM	12	13	15.75	15.91	15.81		
5	16QAM	25	0	15.88	15.94	16.02		
5	64QAM	1	0	16.04	15.95	15.96		
5	64QAM	1	12	15.91	16.09	16.03	17.3	0
5	64QAM	1	24	15.94	15.99	15.99		
5	64QAM	12	0	15.89	16.00	16.03		
5	64QAM	12	7	15.77	15.88	15.87	17.3	0
5	64QAM	12	13	15.75	15.84	15.83		
5	64QAM	25	0	15.89	16.04	15.93		
5	256QAM	1	0	15.95	16.14	16.02		
5	256QAM	1	12	15.87	15.93	16.00	17.3	0
5	256QAM	1	24	15.95	15.99	15.93		
5	256QAM	12	0	15.98	15.84	16.00		
5	256QAM	12	7	15.73	15.81	15.93	17.3	0
5	256QAM	12	13	15.77	15.75	15.75		
5	256QAM	25	0	15.97	15.88	15.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.05	16.16	16.05		
3	QPSK	1	8	15.94	16.08	16.05	17.3	0
3	QPSK	1	14	15.94	16.09	16.08		
3	QPSK	8	0	16.00	16.15	16.10		
3	QPSK	8	4	15.85	15.97	15.99	17.3	0
3	QPSK	8	7	15.81	15.98	15.87		
3	QPSK	15	0	15.97	16.03	16.09		
3	16QAM	1	0	15.94	16.02	16.05		
3	16QAM	1	8	15.89	16.02	15.92	17.3	0
3	16QAM	1	14	15.80	16.01	15.98		
3	16QAM	8	0	15.95	15.92	16.04		
3	16QAM	8	4	15.79	15.89	15.89	17.3	0
3	16QAM	8	7	15.76	15.87	15.83		
3	16QAM	15	0	15.83	16.02	15.99		
3	64QAM	1	0	16.03	16.01	15.90		
3	64QAM	1	8	15.95	16.00	16.02	17.3	0
3	64QAM	1	14	15.94	15.89	15.88		
3	64QAM	8	0	15.90	16.00	15.96		
3	64QAM	8	4	15.79	15.89	15.94	17.3	0
3	64QAM	8	7	15.70	15.92	15.86		
3	64QAM	15	0	15.91	15.94	15.94		
3	256QAM	1	0	16.02	16.07	15.97		
3	256QAM	1	8	15.84	16.02	15.95	17.3	0
3	256QAM	1	14	15.87	16.01	15.91		
3	256QAM	8	0	15.91	15.88	15.98		
3	256QAM	8	4	15.75	15.85	15.98	17.3	0
3	256QAM	8	7	15.79	15.76	15.84		
3	256QAM	15	0	15.91	15.98	15.91		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.04	16.13	16.15		
1.4	QPSK	1	3	16.04	16.11	16.05		
1.4	QPSK	1	5	15.96	16.03	16.01	17.3	0
1.4	QPSK	3	0	16.04	16.08	16.06		
1.4	QPSK	3	1	15.82	15.99	16.05		
1.4	QPSK	3	3	15.81	15.97	15.86		
1.4	QPSK	6	0	16.01	16.13	16.01	17.3	0
1.4	16QAM	1	0	15.89	16.02	15.99		
1.4	16QAM	1	3	15.79	15.97	15.97		
1.4	16QAM	1	5	15.81	16.01	16.03	17.3	0
1.4	16QAM	3	0	15.89	15.88	16.00		
1.4	16QAM	3	1	15.73	15.93	15.97		
1.4	16QAM	3	3	15.72	15.92	15.79		
1.4	16QAM	6	0	15.83	15.93	15.95	17.3	0
1.4	64QAM	1	0	16.12	16.03	15.93		
1.4	64QAM	1	3	15.97	16.01	15.94		
1.4	64QAM	1	5	15.91	15.94	15.94	17.3	0
1.4	64QAM	3	0	15.97	16.02	15.93		
1.4	64QAM	3	1	15.78	15.94	15.95		
1.4	64QAM	3	3	15.78	15.92	15.86		
1.4	64QAM	6	0	15.84	15.95	15.93	17.3	0
1.4	256QAM	1	0	15.93	16.02	15.95		
1.4	256QAM	1	3	15.83	15.98	15.91		
1.4	256QAM	1	5	15.88	15.95	15.99	17.3	0
1.4	256QAM	3	0	15.95	15.88	16.00		
1.4	256QAM	3	1	15.77	15.86	15.90		
1.4	256QAM	3	3	15.81	15.78	15.76		
1.4	256QAM	6	0	15.96	15.97	15.86	17.3	0

Band 7 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.68	17.72	17.66	18.7	0
20	QPSK	1	49	17.60	17.63	17.53		
20	QPSK	1	99	17.64	17.64	17.60		
20	QPSK	50	0	17.55	17.65	17.57	18.7	0
20	QPSK	50	24	17.56	17.60	17.47		
20	QPSK	50	50	17.52	17.52	17.48		
20	QPSK	100	0	17.59	17.64	17.61		
20	16QAM	1	0	17.63	17.63	17.58	18.7	0
20	16QAM	1	49	17.54	17.49	17.40		
20	16QAM	1	99	17.57	17.53	17.48		
20	16QAM	50	0	17.48	17.53	17.45	18.7	0
20	16QAM	50	24	17.41	17.49	17.41		
20	16QAM	50	50	17.47	17.43	17.39		
20	16QAM	100	0	17.46	17.58	17.50		
20	64QAM	1	0	17.65	17.62	17.57	18.7	0
20	64QAM	1	49	17.54	17.56	17.43		
20	64QAM	1	99	17.60	17.58	17.54		
20	64QAM	50	0	17.58	17.67	17.59	18.7	0
20	64QAM	50	24	17.45	17.56	17.38		
20	64QAM	50	50	17.49	17.49	17.51		
20	64QAM	100	0	17.40	17.52	17.45		
20	256QAM	1	0	17.60	17.55	17.47	18.7	0
20	256QAM	1	49	17.42	17.52	17.37		
20	256QAM	1	99	17.48	17.45	17.47		
20	256QAM	50	0	17.45	17.57	17.48	18.7	0
20	256QAM	50	24	17.34	17.45	17.23		
20	256QAM	50	50	17.41	17.40	17.40		
20	256QAM	100	0	17.35	17.39	17.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.54	17.57	17.59	18.7	0
15	QPSK	1	37	17.55	17.56	17.43		
15	QPSK	1	74	17.49	17.52	17.51		
15	QPSK	36	0	17.47	17.52	17.47	18.7	0
15	QPSK	36	20	17.43	17.55	17.38		
15	QPSK	36	39	17.41	17.46	17.42		
15	QPSK	75	0	17.52	17.56	17.54		
15	16QAM	1	0	17.55	17.48	17.51	18.7	0
15	16QAM	1	37	17.44	17.39	17.24		
15	16QAM	1	74	17.50	17.47	17.41		
15	16QAM	36	0	17.40	17.48	17.40	18.7	0
15	16QAM	36	20	17.27	17.38	17.32		
15	16QAM	36	39	17.32	17.27	17.31		
15	16QAM	75	0	17.41	17.47	17.38		
15	64QAM	1	0	17.51	17.50	17.43	18.7	0
15	64QAM	1	37	17.49	17.49	17.37		
15	64QAM	1	74	17.51	17.42	17.50		
15	64QAM	36	0	17.46	17.61	17.47	18.7	0
15	64QAM	36	20	17.39	17.48	17.24		
15	64QAM	36	39	17.42	17.33	17.43		
15	64QAM	75	0	17.34	17.36	17.32		
15	256QAM	1	0	17.51	17.54	17.53	18.7	0
15	256QAM	1	37	17.48	17.47	17.32		
15	256QAM	1	74	17.46	17.45	17.47		
15	256QAM	36	0	17.46	17.59	17.52	18.7	0
15	256QAM	36	20	17.39	17.48	17.27		
15	256QAM	36	39	17.36	17.42	17.38		
15	256QAM	75	0	17.36	17.44	17.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.59	17.58	17.57	18.7	0
10	QPSK	1	25	17.54	17.52	17.44		
10	QPSK	1	49	17.60	17.53	17.47		
10	QPSK	25	0	17.44	17.54	17.48	18.7	0
10	QPSK	25	12	17.46	17.47	17.39		
10	QPSK	25	25	17.40	17.39	17.36		
10	QPSK	50	0	17.46	17.53	17.56		
10	16QAM	1	0	17.47	17.57	17.42	18.7	0
10	16QAM	1	25	17.48	17.40	17.35		
10	16QAM	1	49	17.48	17.42	17.44		
10	16QAM	25	0	17.43	17.41	17.39	18.7	0
10	16QAM	25	12	17.31	17.37	17.33		
10	16QAM	25	25	17.33	17.27	17.23		
10	16QAM	50	0	17.42	17.50	17.44		
10	64QAM	1	0	17.55	17.53	17.49	18.7	0
10	64QAM	1	25	17.46	17.43	17.35		
10	64QAM	1	49	17.46	17.53	17.45		
10	64QAM	25	0	17.43	17.52	17.53	18.7	0
10	64QAM	25	12	17.29	17.50	17.28		
10	64QAM	25	25	17.41	17.43	17.37		
10	64QAM	50	0	17.26	17.42	17.31		
10	256QAM	1	0	17.54	17.50	17.47	18.7	0
10	256QAM	1	25	17.39	17.51	17.37		
10	256QAM	1	49	17.47	17.45	17.40		
10	256QAM	25	0	17.46	17.55	17.52	18.7	0
10	256QAM	25	12	17.38	17.52	17.26		
10	256QAM	25	25	17.35	17.39	17.37		
10	256QAM	50	0	17.36	17.40	17.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.59	17.68	17.59	18.7	0
5	QPSK	1	12	17.55	17.52	17.49		
5	QPSK	1	24	17.51	17.56	17.47		
5	QPSK	12	0	17.39	17.58	17.47	18.7	0
5	QPSK	12	7	17.41	17.52	17.40		
5	QPSK	12	13	17.37	17.40	17.33		
5	QPSK	25	0	17.54	17.60	17.55		
5	16QAM	1	0	17.58	17.48	17.42	18.7	0
5	16QAM	1	12	17.44	17.40	17.33		
5	16QAM	1	24	17.52	17.44	17.40		
5	16QAM	12	0	17.39	17.39	17.40	18.7	0
5	16QAM	12	7	17.31	17.39	17.35		
5	16QAM	12	13	17.34	17.32	17.32		
5	16QAM	25	0	17.40	17.47	17.42		
5	64QAM	1	0	17.58	17.53	17.43	18.7	0
5	64QAM	1	12	17.50	17.45	17.39		
5	64QAM	1	24	17.51	17.43	17.41		
5	64QAM	12	0	17.48	17.54	17.50	18.7	0
5	64QAM	12	7	17.31	17.46	17.30		
5	64QAM	12	13	17.39	17.34	17.42		
5	64QAM	25	0	17.28	17.42	17.40		
5	256QAM	1	0	17.59	17.50	17.53	18.7	0
5	256QAM	1	12	17.40	17.43	17.31		
5	256QAM	1	24	17.54	17.50	17.42		
5	256QAM	12	0	17.47	17.59	17.55	18.7	0
5	256QAM	12	7	17.42	17.42	17.34		
5	256QAM	12	13	17.35	17.35	17.48		
5	256QAM	25	0	17.35	17.37	17.36		

Band 2 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18800	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.14	15.25	15.15		
20	QPSK	1	49	15.01	15.13	15.06	16.3	0
20	QPSK	1	99	15.06	15.15	15.03		
20	QPSK	50	0	15.04	15.15	15.10		
20	QPSK	50	24	15.02	15.01	14.97	16.3	0
20	QPSK	50	50	15.01	15.05	15.12		
20	QPSK	100	0	14.98	15.11	15.13		
20	16QAM	1	0	14.97	15.14	15.14		
20	16QAM	1	49	14.99	15.03	15.04	16.3	0
20	16QAM	1	99	14.95	14.91	14.96		
20	16QAM	50	0	15.01	15.07	15.03		
20	16QAM	50	24	14.90	15.03	14.91	16.3	0
20	16QAM	50	50	14.92	14.93	14.95		
20	16QAM	100	0	14.81	15.09	15.07		
20	64QAM	1	0	15.06	15.15	15.14		
20	64QAM	1	49	14.88	15.09	14.88	16.3	0
20	64QAM	1	99	14.99	15.01	15.04		
20	64QAM	50	0	15.02	15.01	15.09		
20	64QAM	50	24	14.86	14.95	15.01	16.3	0
20	64QAM	50	50	15.05	14.88	14.97		
20	64QAM	100	0	14.87	15.14	14.98		
20	256QAM	1	0	15.00	15.21	15.05		
20	256QAM	1	49	14.89	15.14	14.96	16.3	0
20	256QAM	1	99	15.06	15.07	14.98		
20	256QAM	50	0	14.94	15.14	15.01		
20	256QAM	50	24	14.78	14.94	14.91	16.3	0
20	256QAM	50	50	14.87	14.96	15.03		
20	256QAM	100	0	14.99	15.02	14.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.00	15.15	15.01		
15	QPSK	1	37	14.95	15.07	15.01	16.3	0
15	QPSK	1	74	14.98	15.01	14.97		
15	QPSK	36	0	14.92	15.06	15.05		
15	QPSK	36	20	14.91	14.97	14.85	16.3	0
15	QPSK	36	39	14.96	15.05	14.99		
15	QPSK	75	0	14.89	15.04	14.98		
15	16QAM	1	0	14.89	15.10	15.10		
15	16QAM	1	37	14.88	14.89	14.96	16.3	0
15	16QAM	1	74	14.90	14.81	14.92		
15	16QAM	36	0	14.98	15.00	14.94		
15	16QAM	36	20	14.84	14.94	14.85	16.3	0
15	16QAM	36	39	14.82	14.83	14.85		
15	16QAM	75	0	14.76	14.95	14.93		
15	64QAM	1	0	14.92	15.12	15.02		
15	64QAM	1	37	14.78	14.96	14.77	16.3	0
15	64QAM	1	74	14.86	14.96	14.96		
15	64QAM	36	0	14.98	14.92	14.97		
15	64QAM	36	20	14.79	14.82	14.84	16.3	0
15	64QAM	36	39	14.96	14.83	14.86		
15	64QAM	75	0	14.73	15.08	14.87		
15	256QAM	1	0	14.87	15.17	14.97		
15	256QAM	1	37	14.76	15.00	14.85	16.3	0
15	256QAM	1	74	14.98	15.00	14.87		
15	256QAM	36	0	14.90	15.01	14.92		
15	256QAM	36	20	14.65	14.88	14.87	16.3	0
15	256QAM	36	39	14.82	14.84	14.87		
15	256QAM	75	0	14.84	14.94	14.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.99	15.22	15.05		
10	QPSK	1	25	14.94	15.03	14.99	16.3	0
10	QPSK	1	49	14.92	15.01	14.94		
10	QPSK	25	0	14.89	15.07	14.95		
10	QPSK	25	12	14.95	14.94	14.93	16.3	0
10	QPSK	25	25	14.98	14.90	15.08		
10	QPSK	50	0	14.87	15.07	15.05		
10	16QAM	1	0	14.93	15.04	15.10		
10	16QAM	1	25	14.95	14.89	14.98	16.3	0
10	16QAM	1	49	14.88	14.78	14.91		
10	16QAM	25	0	14.91	15.01	14.95		
10	16QAM	25	12	14.82	14.97	14.84	16.3	0
10	16QAM	25	25	14.84	14.88	14.81		
10	16QAM	50	0	14.74	15.04	15.00		
10	64QAM	1	0	14.98	15.08	15.05		
10	64QAM	1	25	14.78	14.97	14.79	16.3	0
10	64QAM	1	49	14.92	14.94	15.00		
10	64QAM	25	0	14.93	15.04	14.95		
10	64QAM	25	12	14.79	14.87	14.82	16.3	0
10	64QAM	25	25	14.98	14.75	14.84		
10	64QAM	50	0	14.83	15.10	14.89		
10	256QAM	1	0	14.88	15.13	14.96		
10	256QAM	1	25	14.76	15.05	14.89	16.3	0
10	256QAM	1	49	14.92	14.99	14.87		
10	256QAM	25	0	14.88	15.08	14.94		
10	256QAM	25	12	14.82	14.91	14.84	16.3	0
10	256QAM	25	25	14.84	14.83	14.91		
10	256QAM	50	0	14.95	14.87	14.84		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.07	15.18	15.09		
5	QPSK	1	12	14.94	15.10	14.94	16.3	0
5	QPSK	1	24	14.91	14.98	14.93		
5	QPSK	12	0	14.98	15.04	14.97		
5	QPSK	12	7	14.88	14.94	14.93	16.3	0
5	QPSK	12	13	14.91	14.94	14.99		
5	QPSK	25	0	14.91	15.04	15.07		
5	16QAM	1	0	14.92	15.05	15.02		
5	16QAM	1	12	14.90	14.89	14.92	16.3	0
5	16QAM	1	24	14.86	14.86	14.84		
5	16QAM	12	0	14.95	14.96	14.98		
5	16QAM	12	7	14.85	14.92	14.79	16.3	0
5	16QAM	12	13	14.82	14.90	14.93		
5	16QAM	25	0	14.67	14.96	14.96		
5	64QAM	1	0	15.03	15.07	15.07		
5	64QAM	1	12	14.77	15.04	14.83	16.3	0
5	64QAM	1	24	14.85	14.89	14.89		
5	64QAM	12	0	14.97	14.97	15.06		
5	64QAM	12	7	14.75	14.85	14.83	16.3	0
5	64QAM	12	13	14.94	14.81	14.92		
5	64QAM	25	0	14.78	15.00	14.88		
5	256QAM	1	0	14.88	15.07	14.95		
5	256QAM	1	12	14.79	15.03	14.86	16.3	0
5	256QAM	1	24	14.95	15.02	14.88		
5	256QAM	12	0	14.84	14.98	14.92		
5	256QAM	12	7	14.65	14.90	14.88	16.3	0
5	256QAM	12	13	14.84	14.87	14.92		
5	256QAM	25	0	14.86	14.87	14.83		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.99	15.11	15.11		
3	QPSK	1	8	14.91	15.00	14.99	16.3	0
3	QPSK	1	14	14.97	15.08	14.90		
3	QPSK	8	0	14.97	15.03	15.00		
3	QPSK	8	4	14.91	14.92	14.92	16.3	0
3	QPSK	8	7	14.90	14.99	15.07		
3	QPSK	15	0	14.89	14.97	15.02		
3	16QAM	1	0	14.88	15.09	15.10		
3	16QAM	1	8	14.87	14.94	14.90	16.3	0
3	16QAM	1	14	14.88	14.79	14.81		
3	16QAM	8	0	14.90	14.95	14.96		
3	16QAM	8	4	14.87	14.97	14.85	16.3	0
3	16QAM	8	7	14.84	14.88	14.81		
3	16QAM	15	0	14.78	15.01	14.96		
3	64QAM	1	0	14.96	15.10	15.06		
3	64QAM	1	8	14.76	14.97	14.81	16.3	0
3	64QAM	1	14	14.91	14.86	14.89		
3	64QAM	8	0	14.99	14.95	15.02		
3	64QAM	8	4	14.77	14.88	14.87	16.3	0
3	64QAM	8	7	14.93	14.76	14.93		
3	64QAM	15	0	14.83	15.04	14.87		
3	256QAM	1	0	14.91	15.07	14.96		
3	256QAM	1	8	14.75	15.03	14.83	16.3	0
3	256QAM	1	14	15.00	15.03	14.91		
3	256QAM	8	0	14.81	15.08	14.94		
3	256QAM	8	4	14.69	14.80	14.81	16.3	0
3	256QAM	8	7	14.72	14.89	14.89		
3	256QAM	15	0	14.95	14.97	14.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.07	15.11	15.02		
1.4	QPSK	1	3	14.88	15.10	15.00		
1.4	QPSK	1	5	14.98	14.96	14.96	16.3	0
1.4	QPSK	3	0	15.00	15.05	15.05		
1.4	QPSK	3	1	14.94	14.88	14.90		
1.4	QPSK	3	3	14.90	14.92	15.01		
1.4	QPSK	6	0	14.94	14.97	15.08	16.3	0
1.4	16QAM	1	0	14.92	15.10	15.08		
1.4	16QAM	1	3	14.84	14.94	14.94		
1.4	16QAM	1	5	14.84	14.79	14.83	16.3	0
1.4	16QAM	3	0	14.93	14.95	15.00		
1.4	16QAM	3	1	14.79	14.89	14.82		
1.4	16QAM	3	3	14.86	14.89	14.83		
1.4	16QAM	6	0	14.77	14.96	15.03	16.3	0
1.4	64QAM	1	0	15.03	15.12	15.03		
1.4	64QAM	1	3	14.78	15.02	14.77		
1.4	64QAM	1	5	14.86	14.92	14.92	16.3	0
1.4	64QAM	3	0	14.92	14.92	15.02		
1.4	64QAM	3	1	14.73	14.83	14.85		
1.4	64QAM	3	3	14.98	14.81	14.83		
1.4	64QAM	6	0	14.80	15.08	14.89	16.3	0
1.4	256QAM	1	0	14.96	15.18	14.96		
1.4	256QAM	1	3	14.76	15.01	14.89		
1.4	256QAM	1	5	15.02	15.01	14.94	16.3	0
1.4	256QAM	3	0	14.81	14.99	14.95		
1.4	256QAM	3	1	14.73	14.81	14.86		
1.4	256QAM	3	3	14.81	14.92	14.96		
1.4	256QAM	6	0	14.90	14.89	14.94	16.3	0

Band 4 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.65	18.71	18.66		
20	QPSK	1	49	18.59	18.61	18.61	19.8	0
20	QPSK	1	99	18.57	18.65	18.57		
20	QPSK	50	0	18.45	18.68	18.58		
20	QPSK	50	24	18.40	18.47	18.46	19.8	0
20	QPSK	50	50	18.47	18.54	18.55		
20	QPSK	100	0	18.47	18.63	18.54		
20	16QAM	1	0	18.48	18.61	18.57		
20	16QAM	1	49	18.51	18.55	18.42	19.8	0
20	16QAM	1	99	18.46	18.52	18.47		
20	16QAM	50	0	18.37	18.55	18.40		
20	16QAM	50	24	18.31	18.40	18.33	19.8	0
20	16QAM	50	50	18.42	18.46	18.39		
20	16QAM	100	0	18.40	18.44	18.41		
20	64QAM	1	0	18.44	18.56	18.52		
20	64QAM	1	49	18.31	18.42	18.40	19.8	0
20	64QAM	1	99	18.51	18.61	18.38		
20	64QAM	50	0	18.67	18.59	18.66		
20	64QAM	50	24	18.49	18.62	18.58	19.5	0.3
20	64QAM	50	50	18.55	18.56	18.45		
20	64QAM	100	0	18.41	18.63	18.64		
20	256QAM	1	0	16.34	16.44	16.29		
20	256QAM	1	49	16.29	16.35	16.30	17.5	2.3
20	256QAM	1	99	16.22	16.27	16.31		
20	256QAM	50	0	16.23	16.26	16.25		
20	256QAM	50	24	16.08	16.24	16.20	17.5	2.3
20	256QAM	50	50	16.20	16.34	16.21		
20	256QAM	100	0	16.18	16.31	16.25		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.61	18.64	18.54		
15	QPSK	1	37	18.51	18.58	18.55	19.8	0
15	QPSK	1	74	18.50	18.59	18.52		
15	QPSK	36	0	18.37	18.60	18.48		
15	QPSK	36	20	18.33	18.37	18.31	19.8	0
15	QPSK	36	39	18.41	18.49	18.50		
15	QPSK	75	0	18.39	18.52	18.45		
15	16QAM	1	0	18.41	18.52	18.48		
15	16QAM	1	37	18.40	18.46	18.28	19.8	0
15	16QAM	1	74	18.34	18.43	18.33		
15	16QAM	36	0	18.31	18.46	18.37		
15	16QAM	36	20	18.27	18.28	18.18	19.8	0.3
15	16QAM	36	39	18.27	18.36	18.36		
15	16QAM	75	0	18.36	18.39	18.34		
15	64QAM	1	0	18.39	18.47	18.48		
15	64QAM	1	37	18.27	18.27	18.31	19.8	0
15	64QAM	1	74	18.37	18.56	18.25		
15	64QAM	36	0	18.57	18.54	18.56		
15	64QAM	36	20	18.44	18.59	18.40	19.5	0.3
15	64QAM	36	39	18.44	18.48	18.33		
15	64QAM	75	0	18.31	18.56	18.54		
15	256QAM	1	0	16.24	16.40	16.16		
15	256QAM	1	37	16.21	16.31	16.16	17.5	2.3
15	256QAM	1	74	16.13	16.13	16.24		
15	256QAM	36	0	16.15	16.19	16.17		
15	256QAM	36	20	16.05	16.17	16.09	17.5	2.3
15	256QAM	36	39	16.12	16.29	16.08		
15	256QAM	75	0	16.13	16.21	16.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.51	18.53	18.56		
10	QPSK	1	25	18.52	18.51	18.47	19.8	0
10	QPSK	1	49	18.53	18.62	18.47		
10	QPSK	25	0	18.38	18.57	18.51		
10	QPSK	25	12	18.27	18.36	18.39	19.8	0
10	QPSK	25	25	18.41	18.48	18.51		
10	QPSK	50	0	18.37	18.50	18.42		
10	16QAM	1	0	18.36	18.53	18.51		
10	16QAM	1	25	18.36	18.44	18.30	19.8	0
10	16QAM	1	49	18.41	18.38	18.40		
10	16QAM	25	0	18.31	18.44	18.32		
10	16QAM	25	12	18.24	18.29	18.26	19.8	0
10	16QAM	25	25	18.36	18.36	18.35		
10	16QAM	50	0	18.30	18.33	18.32		
10	64QAM	1	0	18.36	18.42	18.39		
10	64QAM	1	25	18.20	18.29	18.27	19.8	0
10	64QAM	1	49	18.38	18.54	18.30		
10	64QAM	25	0	18.55	18.52	18.58		
10	64QAM	25	12	18.35	18.50	18.50	19.5	0.3
10	64QAM	25	25	18.41	18.47	18.39		
10	64QAM	50	0	18.36	18.49	18.56		
10	256QAM	1	0	16.22	16.31	16.16		
10	256QAM	1	25	16.19	16.21	16.17	17.5	2.3
10	256QAM	1	49	16.15	16.18	16.16		
10	256QAM	25	0	16.11	16.14	16.19		
10	256QAM	25	12	15.97	16.10	16.09	17.5	2.3
10	256QAM	25	25	16.14	16.25	16.08		
10	256QAM	50	0	16.11	16.19	16.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.59	18.59	18.52		
5	QPSK	1	12	18.55	18.51	18.50	19.8	0
5	QPSK	1	24	18.47	18.57	18.43		
5	QPSK	12	0	18.40	18.53	18.46		
5	QPSK	12	7	18.39	18.36	18.31	19.8	0
5	QPSK	12	13	18.37	18.45	18.42		
5	QPSK	25	0	18.41	18.59	18.47		
5	16QAM	1	0	18.37	18.48	18.53		
5	16QAM	1	12	18.42	18.50	18.31	19.8	0
5	16QAM	1	24	18.37	18.43	18.38		
5	16QAM	12	0	18.33	18.46	18.28		
5	16QAM	12	7	18.17	18.34	18.28	19.8	0
5	16QAM	12	13	18.28	18.31	18.31		
5	16QAM	25	0	18.27	18.34	18.32		
5	64QAM	1	0	18.36	18.44	18.44		
5	64QAM	1	12	18.19	18.30	18.37	19.8	0
5	64QAM	1	24	18.40	18.56	18.30		
5	64QAM	12	0	18.58	18.46	18.62		
5	64QAM	12	7	18.41	18.49	18.55	19.5	0.3
5	64QAM	12	13	18.48	18.46	18.39		
5	64QAM	25	0	18.34	18.51	18.61		
5	256QAM	1	0	16.31	16.34	16.25		
5	256QAM	1	12	16.17	16.22	16.18	17.5	2.3
5	256QAM	1	24	16.07	16.21	16.24		
5	256QAM	12	0	16.10	16.19	16.10		
5	256QAM	12	7	16.04	16.14	16.11	17.5	2.3
5	256QAM	12	13	16.16	16.26	16.08		
5	256QAM	25	0	16.08	16.27	16.21		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.57	18.68	18.52		
3	QPSK	1	8	18.51	18.48	18.47	19.8	0
3	QPSK	1	14	18.45	18.55	18.42		
3	QPSK	8	0	18.37	18.65	18.54		
3	QPSK	8	4	18.32	18.34	18.34	19.8	0
3	QPSK	8	7	18.33	18.40	18.49		
3	QPSK	15	0	18.36	18.54	18.40		
3	16QAM	1	0	18.38	18.53	18.47		
3	16QAM	1	8	18.42	18.41	18.29	19.8	0
3	16QAM	1	14	18.36	18.47	18.35		
3	16QAM	8	0	18.30	18.43	18.37		
3	16QAM	8	4	18.27	18.37	18.22	19.8	0
3	16QAM	8	7	18.39	18.32	18.33		
3	16QAM	15	0	18.34	18.41	18.35		
3	64QAM	1	0	18.33	18.50	18.45		
3	64QAM	1	8	18.27	18.36	18.36	19.8	0
3	64QAM	1	14	18.42	18.50	18.32		
3	64QAM	8	0	18.55	18.53	18.56		
3	64QAM	8	4	18.38	18.53	18.43	19.5	0.3
3	64QAM	8	7	18.47	18.46	18.40		
3	64QAM	15	0	18.27	18.49	18.51		
3	256QAM	1	0	16.22	16.39	16.19		
3	256QAM	1	8	16.20	16.32	16.23	17.5	2.3
3	256QAM	1	14	16.19	16.15	16.16		
3	256QAM	8	0	16.17	16.17	16.19		
3	256QAM	8	4	15.98	16.15	16.10	17.5	2.3
3	256QAM	8	7	16.07	16.28	16.14		
3	256QAM	15	0	16.08	16.19	16.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.55	18.62	18.60		
1.4	QPSK	1	3	18.49	18.57	18.53		
1.4	QPSK	1	5	18.43	18.62	18.51	19.8	0
1.4	QPSK	3	0	18.33	18.63	18.50		
1.4	QPSK	3	1	18.26	18.33	18.43		
1.4	QPSK	3	3	18.33	18.46	18.42		
1.4	QPSK	6	0	18.37	18.55	18.46	19.8	0
1.4	16QAM	1	0	18.38	18.52	18.48		
1.4	16QAM	1	3	18.47	18.50	18.37		
1.4	16QAM	1	5	18.42	18.45	18.44	19.8	0
1.4	16QAM	3	0	18.32	18.48	18.34		
1.4	16QAM	3	1	18.17	18.27	18.25		
1.4	16QAM	3	3	18.38	18.34	18.35		
1.4	16QAM	6	0	18.36	18.31	18.26	19.8	0
1.4	64QAM	1	0	18.36	18.53	18.41		
1.4	64QAM	1	3	18.28	18.33	18.34		
1.4	64QAM	1	5	18.45	18.52	18.28	19.8	0
1.4	64QAM	3	0	18.56	18.47	18.52		
1.4	64QAM	3	1	18.44	18.52	18.46		
1.4	64QAM	3	3	18.44	18.41	18.38		
1.4	64QAM	6	0	18.32	18.51	18.52	19.5	0.3
1.4	256QAM	1	0	16.20	16.36	16.15		
1.4	256QAM	1	3	16.26	16.20	16.25		
1.4	256QAM	1	5	16.17	16.15	16.16	17.5	2.3
1.4	256QAM	3	0	16.09	16.22	16.20		
1.4	256QAM	3	1	16.00	16.10	16.15		
1.4	256QAM	3	3	16.07	16.25	16.15		
1.4	256QAM	6	0	16.05	16.21	16.16	17.5	2.3

Band 5 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.25	23.30	23.23		
10	QPSK	1	25	23.12	23.11	23.05	24	0
10	QPSK	1	49	23.05	23.14	23.16		
10	QPSK	25	0	22.17	22.26	22.24		
10	QPSK	25	12	22.10	22.05	22.14	23	1
10	QPSK	25	25	22.21	22.11	22.17		
10	QPSK	50	0	22.11	22.20	22.15		
10	16QAM	1	0	21.95	22.03	22.15

Band 25 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.25	15.30	15.28		
20	QPSK	1	49	15.10	15.23	15.14	16.3	0
20	QPSK	1	99	15.20	15.19	15.11		
20	QPSK	50	0	15.16	15.24	15.24		
20	QPSK	50	24	15.07	15.14	15.07	16.3	0
20	QPSK	50	50	15.12	15.09	15.18		
20	QPSK	100	0	15.09	15.25	15.17		
20	16QAM	1	0	15.11	15.18	15.24		
20	16QAM	1	49	15.04	15.16	15.07	16.3	0
20	16QAM	1	99	15.08	15.01	15.06		
20	16QAM	50	0	15.11	15.17	15.11		
20	16QAM	50	24	14.99	15.10	15.01	16.3	0
20	16QAM	50	50	15.00	15.06	15.07		
20	16QAM	100	0	14.95	15.18	15.12		
20	64QAM	1	0	15.16	15.22	15.20		
20	64QAM	1	49	14.96	15.13	15.00	16.3	0
20	64QAM	1	99	15.08	15.12	15.09		
20	64QAM	50	0	15.13	15.15	15.17		
20	64QAM	50	24	14.99	15.07	15.01	16.3	0
20	64QAM	50	50	15.09	14.95	15.04		
20	64QAM	100	0	14.99	15.20	15.03		
20	256QAM	1	0	15.12	15.27	15.19		
20	256QAM	1	49	15.02	15.17	15.10	16.3	0
20	256QAM	1	99	15.14	15.12	15.03		
20	256QAM	50	0	15.08	15.21	15.13		
20	256QAM	50	24	14.92	15.08	14.99	16.3	0
20	256QAM	50	50	14.98	15.03	15.14		
20	256QAM	100	0	15.03	15.13	15.07		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.21	15.21	15.15		
15	QPSK	1	37	15.06	15.19	15.08	16.3	0
15	QPSK	1	74	15.10	15.03	15.10		
15	QPSK	36	0	15.06	15.14	15.18		
15	QPSK	36	20	15.00	15.08	14.95	16.3	0
15	QPSK	36	39	15.06	15.00	15.08		
15	QPSK	75	0	14.98	15.13	15.06		
15	16QAM	1	0	14.97	15.04	15.21		
15	16QAM	1	37	14.92	15.08	15.02	16.3	0
15	16QAM	1	74	15.04	14.94	14.93		
15	16QAM	36	0	15.00	15.11	15.04		
15	16QAM	36	20	14.87	14.98	14.87	16.3	0
15	16QAM	36	39	14.87	15.03	15.00		
15	16QAM	75	0	14.84	15.15	15.04		
15	64QAM	1	0	15.13	15.18	15.12		
15	64QAM	1	37	14.87	15.01	14.86	16.3	0
15	64QAM	1	74	14.95	15.07	15.02		
15	64QAM	36	0	15.06	15.04	15.03		
15	64QAM	36	20	14.88	14.97	14.89	16.3	0
15	64QAM	36	39	14.97	14.89	14.94		
15	64QAM	75	0	14.87	15.07	14.97		
15	256QAM	1	0	15.07	15.15	15.09		
15	256QAM	1	37	14.88	15.13	15.03	16.3	0
15	256QAM	1	74	15.07	15.04	14.99		
15	256QAM	36	0	14.97	15.08	15.08		
15	256QAM	36	20	14.88	14.94	14.91	16.3	0
15	256QAM	36	39	14.84	14.98	15.06		
15	256QAM	75	0	14.93	15.04	14.96		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.13	15.22	15.20		
10	QPSK	1	25	15.00	15.15	15.10	16.3	0
10	QPSK	1	49	15.09	15.01	15.00		
10	QPSK	25	0	15.13	15.09	15.20		
10	QPSK	25	12	15.03	14.99	14.98	16.3	0
10	QPSK	25	25	15.05	15.04	15.13		
10	QPSK	50	0	14.98	15.13	15.05		
10	16QAM	1	0	15.03	15.09	15.16		
10	16QAM	1	25	14.92	15.10	15.00	16.3	0
10	16QAM	1	49	14.97	14.89	14.92		
10	16QAM	25	0	14.99	15.03	15.05		
10	16QAM	25	12	14.92	15.03	14.89	16.3	0
10	16QAM	25	25	14.93	15.00	15.00		
10	16QAM	50	0	14.90	15.11	15.04		
10	64QAM	1	0	15.10	15.11	15.13		
10	64QAM	1	25	14.93	15.05	14.93	16.3	0
10	64QAM	1	49	15.01	15.05	15.01		
10	64QAM	25	0	15.08	15.09	15.07		
10	64QAM	25	12	14.91	15.03	14.94	16.3	0
10	64QAM	25	25	15.01	14.82	14.93		
10	64QAM	50	0	14.93	15.06	14.89		
10	64QAM	50	25	14.98	15.13	15.10		
10	256QAM	1	0	14.98	15.13	14.98	16.3	0
10	256QAM	1	25	14.99	15.05	14.98		
10	256QAM	25	0	15.03	15.09	15.05		
10	256QAM	25	12	14.83	15.03	14.89	16.3	0
10	256QAM	25	25	14.90	14.97	15.08		
10	256QAM	50	0	14.93	15.07	14.92		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.10	15.22	15.22		
5	QPSK	1	12	15.04	15.17	15.07	16.3	0
5	QPSK	1	24	15.06	15.05	15.00		
5	QPSK	12	0	15.04	15.15	15.18		
5	QPSK	12	7	14.96	15.10	14.95	16.3	0
5	QPSK	12	13	15.02	15.00	15.14		
5	QPSK	25	0	15.03	15.19	15.10		
5	16QAM	1	0	15.02	15.13	15.12		
5	16QAM	1	12	14.90	15.02	14.95	16.3	0
5	16QAM	1	24	15.00	14.96	14.97		
5	16QAM	12	0	15.04	15.13	15.04		
5	16QAM	12	7	14.86	15.03	14.95	16.3	0
5	16QAM	12	13	14.87	14.98	14.94		
5	16QAM	25	0	14.89	15.09	15.04		
5	64QAM	1	0	15.12	15.15	15.10		
5	64QAM	1	12	14.89	15.06	14.90	16.3	0
5	64QAM	1	24	15.01	15.06	15.00		
5	64QAM	12	0	15.08	15.05	15.13		
5	64QAM	12	7	14.84	14.96	14.87	16.3	0
5	64QAM	12	13	14.96	14.90	14.93		
5	64QAM	25	0	14.95	15.06	14.88		
5	256QAM	1	0	14.98	15.13	15.09		
5	256QAM	1	12	14.90	15.14	15.00	16.3	0
5	256QAM	1	24	15.09	15.09	14.94		
5	256QAM	12	0	15.03	15.16	15.10		
5	256QAM	12	7	14.82	14.95	14.84	16.3	0
5	256QAM	12	13	14.89	14.98	15.08		
5	256QAM	25	0	14.90	15.09	15.00		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.19	15.23	15.21		
3	QPSK	1	8	15.00	15.13	15.09	16.3	0
3	QPSK	1	14	15.14	15.08	15.07		
3	QPSK	8	0	15.03	15.14	15.09		
3	QPSK	8	4	15.02	15.00	14.96	16.3	0
3	QPSK	8	7	15.06	14.96	15.14		
3	QPSK	15	0	14.97	15.14	15.08		
3	16QAM	1	0	15.07	15.06	15.14		
3	16QAM	1	8	15.01	15.08	14.95	16.3	0
3	16QAM	1	14	15.04	14.90	14.91		
3	16QAM	8	0	15.04	15.03	15.05		
3	16QAM	8	4	14.91	14.97	14.90	16.3	0
3	16QAM	8	7	14.88	14.97	14.98		
3	16QAM	15	0	14.83	15.15	15.00		
3	64QAM	1	0	15.10	15.15	15.10		
3	64QAM	1	8	14.85	15.10	14.89	16.3	0
3	64QAM	1	14	14.94	15.07	15.02		
3	64QAM	8	0	15.07	15.05	15.13		
3	64QAM	8	4	14.89	14.99	14.95	16.3	0
3	64QAM	8	7	14.97	14.92	14.92		
3	64QAM	15	0	14.90	15.11	14.99		
3	256QAM	1	0	15.05	15.23	15.16		
3	256QAM	1	8	14.89	15.10	14.98	16.3	0
3	256QAM	1	14	15.07	15.03	14.94		
3	256QAM	8	0	14.94	15.12	15.05		
3	256QAM	8	4	14.80	15.03	14.89	16.3	0
3	256QAM	8	7	14.86	14.98	15.07		
3	256QAM	15	0	14.98	15.03	14.99		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.19	15.19	15.15		
1.4	QPSK	1	3	15.06	15.12	15.04		
1.4	QPSK	1	5	15.09	15.12	15.00	16.3	0
1.4	QPSK	3	0	15.07	15.13	15.12		
1.4	QPSK	3	1	14.96	15.00	14.93		
1.4	QPSK	3	3	14.97	14.97	15.14		
1.4	QPSK	6	0	15.05	15.12	15.11	16.3	0
1.4	16QAM	1	0	15.01	15.09	15.09		
1.4	16QAM	1	3	14.92	15.09	14.97		
1.4	16QAM	1	5	14.97	14.95	14.94	16.3	0
1.4	16QAM	3	0	15.02	15.04	15.07		
1.4	16QAM	3	1	14.91	14.96	14.89		
1.4	16QAM	3	3	14.86	14.92	14.93		
1.4	16QAM	6	0	14.89	15.06	15.09	16.3	0
1.4	64QAM	1	0	15.03	15.13	15.12		
1.4	64QAM	1	3	14.85	15.06	14.92		
1.4	64QAM	1	5	14.97	14.99	14.99	16.3	0
1.4	64QAM	3	0	15.07	15.06	15.12		
1.4	64QAM	3	1	14.88	14.99	14.98		
1.4	64QAM	3	3	15.06	14.90	14.91		
1.4	64QAM	6	0	14.85	15.06	14.97	16.3	0
1.4	256QAM	1	0	15.06	15.14	15.11		
1.4	256QAM	1	3	14.95	15.04	15.06		
1.4	256QAM	1	5	15.05	15.05	14.92	16.3	0
1.4	256QAM	3	0	14.93	15.13	15.05		
1.4	256QAM	3	1	14.88	15.05	14.91		
1.4	256QAM	3	3	14.90	14.99	15.09		
1.4	256QAM	6	0	14.96	14.99	14.97	16.3	0

Band 26 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.80	21.86	21.78		
15	QPSK	1	37	21.62	21.83	21.65	23	0
15	QPSK	1	74	21.59	21.82	21.65		
15	QPSK	36	0	20.81	20.92	20.72		
15	QPSK	36	20	20.53	20.85	20.58	22	1
15	QPSK	36	39	20.62	20.89	20.73		
15	QPSK	75	0	20.81	20.98	20.79		
15	16QAM	1	0	20.63	20.84	20.58		
15	16QAM	1	37	20.66	20.68	20.59	22	1
15	16QAM	1	74	20.60	20.79	20.49		
15	16QAM	36	0	19.81	19.93	19.79		
15	16QAM	36	20	19.53	19.93	19.49	21	2
15	16QAM	36	39	19.56	19.97	19.80		
15	16QAM	75	0	19.73	19.94	19.76		
15	64QAM	1	0	19.68	19.84	19.51		
15	64QAM	1	37	19.52	19.66	19.60	21	2
15	64QAM	1	74	19.63	19.77	19.48		
15	64QAM	36	0	18.87	18.90	18.71		
15	64QAM	36	20	18.53	18.92	18.60	20	3
15	64QAM	36	39	18.57	18.96	18.78		
15	64QAM	75	0	18.73	18.82	18.82		
15	256QAM	1	0	16.89	16.96	16.66		
15	256QAM	1	37	16.51	16.82	16.64	18	5
15	256QAM	1	74	16.71	16.91	16.67		
15	256QAM	36	0	16.81	16.92	16.85		
15	256QAM	36	20	16.68	16.77	16.63	18	5
15	256QAM	36	39	16.63	16.73	16.59		
15	256QAM	75	0	16.36	16.82	16.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.68	21.67		
10	QPSK	1	25	21.44	21.70	21.57	23	0
10	QPSK	1	49	21.43	21.63	21.53		
10	QPSK	25	0	20.62	20.87	20.63		
10	QPSK	25	12	20.44	20.74	20.51	22	1
10	QPSK	25	25	20.61	20.78	20.66		
10	QPSK	50	0	20.62	20.76	20.68		
10	16QAM	1	0	20.41	20.70	20.43		
10	16QAM	1	25	20.29	20.56	20.28	22	1
10	16QAM	1	49	20.34	20.58	20.43		
10	16QAM	25	0	19.69	19.74	19.63		
10	16QAM	25	12	19.63	19.84	19.42	21	2
10	16QAM	25	25	19.44	19.81	19.63		
10	16QAM	50	0	19.60	19.79	19.62		
10	64QAM	1	0	19.46	19.64	19.41		
10	64QAM	1	25	19.47	19.55	19.39	21	2
10	64QAM	1	49	19.56	19.71	19.33		
10	64QAM	25	0	18.80	18.70	18.54		
10	64QAM	25	12	18.46	18.84	18.54	20	3
10	64QAM	25	25	18.39	18.88	18.64		
10	64QAM	50	0	18.66	18.74	18.72		
10	256QAM	1	0	16.70	16.81	16.50		
10	256QAM	1	25	16.46	16.68	16.43	18	5
10	256QAM	1	49	16.60	16.86	16.53		
10	256QAM	25	0	16.76	16.85	16.69		
10	256QAM	25	12	16.64	16.58	16.46	18	5
10	256QAM	25	25	16.51	16.80	16.53		
10	256QAM	50	0	16.18	16.67	16.35		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.74	21.57		
5	QPSK	1	12	21.45	21.63	21.52	23	0
5	QPSK	1	24	21.49	21.64	21.46		
5	QPSK	12	0	20.65	20.87	20.57		
5	QPSK	12	7	20.61	20.73	20.53	22	1
5	QPSK	12	13	20.57	20.76	20.68		
5	QPSK	25	0	20.72	20.66	20.75		
5	16QAM	1	0	20.45	20.65	20.42		
5	16QAM	1	12	20.28	20.57	20.36	22	1
5	16QAM	1	24	20.33	20.75	20.34		
5	16QAM	12	0	19.62	19.76	19.65		
5	16QAM	12	7	19.41	19.81	19.60	21	2
5	16QAM	12	13	19.41	19.85	19.65		
5	16QAM	25	0	19.57	19.74	19.61		
5	64QAM	1	0	19.59	19.66	19.33		
5	64QAM	1	12	19.32	19.61	19.48	21	2
5	64QAM	1	24	19.55	19.68	19.40		
5	64QAM	12	0	18.67	18.70	18.58		
5	64QAM	12	7	18.57	18.78	18.55	20	3
5	64QAM	12	13	18.41	18.88	18.59		
5	64QAM	25	0	18.55	18.74	18.70		
5	256QAM	1	0	16.79	16.85	16.51		
5	256QAM	1	12	16.43	16.74	16.60	18	5
5	256QAM	1	24	16.60	16.83	16.54		
5	256QAM	12	0	16.75	16.85	16.71		
5	256QAM	12	7	16.50	16.69	16.42	18	5
5	256QAM	12	13	16.47	16.62	16.52		
5	256QAM	25	0	16.30	16.61	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.64	21.72		
3	QPSK	1	8	21.54	21.78	21.45	23	0
3	QPSK	1	14	21.41	21.63	21.45		
3	QPSK	8	0	20.65	20.73	20.57		
3	QPSK	8	4	20.37	20.71	20.52	22	1
3	QPSK	8	7	20.47	20.74	20.53		
3	QPSK	15	0	20.63	20.68	20.60		
3	16QAM	1	0	20.48	20.69	20.42		
3	16QAM	1	8	20.39	20.49	20.32	22	1
3	16QAM	1	14	20.35	20.67	20.41		
3	16QAM	8	0	19.59	19.77	19.74		
3	16QAM	8	4	19.67	19.88	19.43	21	2
3	16QAM	8	7	19.48	19.77	19.75		
3	16QAM	15	0	19.67	19.77	19.68		
3	64QAM	1	0	19.61	19.77	19.44		
3	64QAM	1	8	19.40	19.62	19.41	21	2
3	64QAM	1	14	19.59	19.59	19.29		
3	64QAM	8	0	18.76	18.85	18.64		
3	64QAM	8	4	18.64	18.74	18.52	20	3
3	64QAM	8	7	18.41	18.80	18.65		
3	64QAM	15	0	18.67	18.65	18.67		
3	256QAM	1	0	16.74	16.77	16.53		
3	256QAM	1	8	16.36	16.77	16.47	18	5
3	256QAM	1	14	16.53	16.74	16.48		
3	256QAM	8	0	16.52	16.64	16.72		
3	256QAM	8	4	16.52	16.60	16.48	18	5
3	256QAM	8	7	16.54	16.64	16.48		
3	256QAM	15	0	16.32	16.64	16.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.70	21.64	21.60		
1.4	QPSK	1	3	21.52	21.66	21.53		
1.4	QPSK	1	5	21.47	21.63	21.55	23	0
1.4	QPSK	3	0	21.52	21.56	21.45		
1.4	QPSK	3	1	21.46	21.54	21.47		
1.4	QPSK	3	3	21.28	21.48	21.38		
1.4	QPSK	6	0	20.61	20.69	20.72	22	1
1.4	16QAM	1	0	20.53	20.67	20.52		
1.4	16QAM	1	3	20.42	20.58	20.41		
1.4	16QAM	1	5	20.40	20.64	20.40	22	1
1.4	16QAM	3	0	20.36	20.50	20.47		
1.4	16QAM	3	1	20.22	20.54	20.42		
1.4	16QAM	3	3	20.51	20.54	20.28		
1.4	16QAM	6	0	19.62	19.80	19.60	21	2
1.4	64QAM	1	0	19.51	19.65	19.45		
1.4	64QAM	1	3	19.46	19.64	19.40	21	2
1.4	64QAM	1	5	19.46	19.56	19.43		
1.4	64QAM	3	0	19.45	19.59	19.30		
1.4	64QAM	3	1	19.15	19.36	19.20		
1.4	64QAM	3	3	19.25	19.48	19.23		
1.4	64QAM	6	0	18.54	18.61	18.69	20	3
1.4	256QAM	1	0	16.70	16.82	16.47		
1.4	256QAM	1	3	16.36	16.69	16.56	18	5
1.4	256QAM	1	5	16.64	16.75	16.59		
1.4	256QAM	3	0	16.75	16.87	16.75		
1.4	256QAM	3	1	16.56	16.69	16.50		
1.4	256QAM	3	3	16.46	16.54	16.42		
1.4	256QAM	6	0	16.31	16.67	16.37	18	5

Band 66 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.72	18.80	18.77		
20	QPSK	1	49	18.62	18.67	18.66	19.8	0
20	QPSK	1	99	18.69	18.77	18.66		
20	QPSK	50	0	18.58	18.75	18.67		
20	QPSK	50	24	18.54	18.60	18.55	19.8	0
20	QPSK	50	50	18.58	18.67	18.60		
20	QPSK	100	0	18.62	18.70	18.63		
20	16QAM	1	0	18.57	18.67	18.66		
20	16QAM	1	49	18.56	18.60	18.52	19.8	0
20	16QAM	1	99	18.58	18.61	18.55		
20	16QAM	50	0	18.49	18.67	18.50		
20	16QAM	50	24	18.46	18.46	18.39	19.8	0
20	16QAM	50	50	18.49	18.60	18.46		
20	16QAM	100	0	18.52	18.56	18.49		
20	64QAM	1	0	18.58	18.67	18.60		
20	64QAM	1	49	18.45	18.52	18.54	19.8	0
20	64QAM	1	99	18.60	18.70	18.49		
20	64QAM	50	0	18.71	18.72	18.74		
20	64QAM	50	24	18.62	18.70	18.64	19.5	0.3
20	64QAM	50	50	18.67	18.69	18.58		
20	64QAM	100	0	18.50	18.69	18.70		
20	256QAM	1	0	16.40	16.52	16.41		
20	256QAM	1	49	16.37	16.41	16.35	17.5	2.3
20	256QAM	1	99	16.33	16.41	16.41		
20	256QAM	50	0	16.26	16.39	16.32		
20	256QAM	50	24	16.21	16.31	16.24	17.5	2.3
20	256QAM	50	50	16.34	16.42	16.25		
20	256QAM	100	0	16.31	16.41	16.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.58	18.72	18.63		
15	QPSK	1	37	18.58	18.53	18.57	19.8	0
15	QPSK	1	74	18.61	18.68	18.53		
15	QPSK	36	0	18.48	18.61	18.54		
15	QPSK	36	20	18.45	18.49	18.42	19.8	0
15	QPSK	36	39	18.43	18.62	18.50		
15	QPSK	75	0	18.55	18.62	18.60		
15	16QAM	1	0	18.44	18.52	18.58		
15	16QAM	1	37	18.41	18.51	18.39	19.8	0
15	16QAM	1	74	18.43	18.56	18.51		
15	16QAM	36	0	18.40	18.57	18.37		
15	16QAM	36

Band 38 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.27	19.26	19.22	20.7	0
20	QPSK	1	49	19.11	19.26	19.08		
20	QPSK	1	99	19.12	19.17	19.12		
20	QPSK	50	0	19.09	19.20	19.22	20.7	0
20	QPSK	50	24	19.05	19.14	19.05		
20	QPSK	50	50	18.92	19.06	19.10		
20	QPSK	100	0	19.18	19.20	19.21		
20	16QAM	1	0	19.16	19.14	19.15	20.7	0
20	16QAM	1	49	19.09	19.16	19.04		
20	16QAM	1	99	19.02	18.97	19.06		
20	16QAM	50	0	18.98	19.20	19.17	20.7	0
20	16QAM	50	24	18.99	18.99	18.98		
20	16QAM	50	50	18.81	18.99	19.00		
20	16QAM	100	0	19.03	19.16	19.07		
20	64QAM	1	0	19.08	19.13	19.13	20.7	0
20	64QAM	1	49	19.12	19.11	18.99		
20	64QAM	1	99	19.01	19.14	19.14		
20	64QAM	50	0	19.21	19.20	19.17	20.7	0
20	64QAM	50	24	19.06	19.15	19.03		
20	64QAM	50	50	19.09	19.05	19.02		
20	64QAM	100	0	19.08	19.11	19.06		
20	256QAM	1	0	17.96	17.89	17.83	19	1.7
20	256QAM	1	49	17.80	17.86	17.60		
20	256QAM	1	99	17.87	17.73	17.80		
20	256QAM	50	0	17.66	17.82	17.72	19	1.7
20	256QAM	50	24	17.74	17.82	17.58		
20	256QAM	50	50	17.71	17.70	17.64		
20	256QAM	100	0	17.71	17.55	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.14	19.22	19.09	20.7	0
15	QPSK	1	37	19.05	19.14	19.00		
15	QPSK	1	74	18.97	19.09	19.04		
15	QPSK	36	0	19.03	19.07	19.14	20.7	0
15	QPSK	36	20	18.94	19.06	18.93		
15	QPSK	36	39	18.84	18.95	18.98		
15	QPSK	75	0	19.08	19.07	19.14		
15	16QAM	1	0	19.02	19.08	19.00	20.7	0
15	16QAM	1	37	18.97	19.10	18.99		
15	16QAM	1	74	18.87	18.83	19.01		
15	16QAM	36	0	18.93	19.06	19.08	20.7	0
15	16QAM	36	20	18.92	18.91	18.95		
15	16QAM	36	39	18.72	18.93	18.89		
15	16QAM	75	0	18.92	19.07	18.96		
15	64QAM	1	0	18.95	19.05	19.04	20.7	0
15	64QAM	1	37	18.99	18.98	18.95		
15	64QAM	1	74	18.97	19.00	19.03		
15	64QAM	36	0	19.15	19.11	19.13	20.7	0
15	64QAM	36	20	18.96	19.09	18.96		
15	64QAM	36	39	19.02	19.01	18.99		
15	64QAM	75	0	18.95	19.02	18.91		
15	256QAM	1	0	17.76	17.82	17.69	19	1.7
15	256QAM	1	37	17.71	17.71	17.48		
15	256QAM	1	74	17.82	17.53	17.65		
15	256QAM	36	0	17.48	17.62	17.59	19	1.7
15	256QAM	36	20	17.67	17.77	17.44		
15	256QAM	36	39	17.61	17.66	17.58		
15	256QAM	75	0	17.58	17.46	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.16	19.19	19.15	20.7	0
10	QPSK	1	25	19.05	19.21	19.05		
10	QPSK	1	49	18.97	19.08	19.00		
10	QPSK	25	0	19.06	19.07	19.18	20.7	0
10	QPSK	25	12	18.99	19.01	18.92		
10	QPSK	25	25	18.82	18.92	19.00		
10	QPSK	50	0	19.03	19.14	19.11		
10	16QAM	1	0	19.04	19.05	19.08	20.7	0
10	16QAM	1	25	19.00	19.02	18.92		
10	16QAM	1	49	18.87	18.86	18.98		
10	16QAM	25	0	18.86	19.13	19.07	20.7	0
10	16QAM	25	12	18.87	18.86	18.84		
10	16QAM	25	25	18.73	18.92	18.95		
10	16QAM	50	0	18.94	19.03	19.03		
10	64QAM	1	0	18.94	19.04	19.07	20.7	0
10	64QAM	1	25	19.07	19.04	18.94		
10	64QAM	1	49	18.87	19.02	19.07		
10	64QAM	25	0	19.17	19.08	19.12	20.7	0
10	64QAM	25	12	19.03	19.02	18.98		
10	64QAM	25	25	19.02	19.01	18.89		
10	64QAM	50	0	18.94	19.02	18.99		
10	256QAM	1	0	17.87	17.78	17.73	19	1.7
10	256QAM	1	25	17.69	17.70	17.51		
10	256QAM	1	49	17.79	17.52	17.61		
10	256QAM	25	0	17.60	17.67	17.68	19	1.7
10	256QAM	25	12	17.58	17.78	17.52		
10	256QAM	25	25	17.64	17.61	17.60		
10	256QAM	50	0	17.62	17.44	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.19	19.20	19.14	20.7	0
5	QPSK	1	12	18.96	19.21	18.98		
5	QPSK	1	24	19.09	19.03	19.05		
5	QPSK	12	0	18.97	19.12	19.15	20.7	0
5	QPSK	12	7	18.95	19.04	18.97		
5	QPSK	12	13	18.84	18.92	18.99		
5	QPSK	25	0	19.05	19.10	19.11		
5	16QAM	1	0	19.03	19.03	19.01	20.7	0
5	16QAM	1	12	18.98	19.06	18.93		
5	16QAM	1	24	18.91	18.94	19.00		
5	16QAM	12	0	18.94	19.16	19.09	20.7	0
5	16QAM	12	7	18.92	18.92	18.85		
5	16QAM	12	13	18.73	18.93	18.92		
5	16QAM	25	0	18.98	19.03	18.95		
5	64QAM	1	0	19.04	19.06	19.09	20.7	0
5	64QAM	1	12	19.00	19.02	18.88		
5	64QAM	1	24	18.87	19.10	19.09		
5	64QAM	12	0	19.15	19.09	19.13	20.7	0
5	64QAM	12	7	19.01	19.04	18.97		
5	64QAM	12	13	18.95	18.99	18.94		
5	64QAM	25	0	18.93	19.02	19.00		
5	256QAM	1	0	17.79	17.83	17.78	19	1.7
5	256QAM	1	12	17.68	17.67	17.54		
5	256QAM	1	24	17.80	17.58	17.72		
5	256QAM	12	0	17.58	17.75	17.57	19	1.7
5	256QAM	12	7	17.67	17.68	17.51		
5	256QAM	12	13	17.59	17.67	17.50		
5	256QAM	25	0	17.58	17.52	17.44		

Band 41 Ant 1 DSI3

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	19.32	19.34	19.40	19.38	19.35	20.7	0
20	QPSK	1	49	19.20	19.29	19.32	19.26	19.26		
20	QPSK	1	99	19.17	19.20	19.26	19.28	19.23		
20	QPSK	50	0	19.21	19.24	19.37	19.35	19.25	20.7	0
20	QPSK	50	24	19.12	19.20	19.21	19.21	19.13		
20	QPSK	50	50	19.09	19.08	19.21	19.21	19.15		
20	QPSK	100	0	19.18	19.26	19.32	19.31	19.29		
20	16QAM	1	0	19.28	19.29	19.29	19.26	19.31	20.7	0
20	16QAM	1	49	19.06	19.23	19.26	19.16	19.22		
20	16QAM	1	99	19.13	19.14	19.14	19.18	19.12		
20	16QAM	50	0	19.11	19.13	19.30	19.28	19.14	20.7	0
20	16QAM	50	24	19.07	19.07	19.16	19.14	19.04		
20	16QAM	50	50	18.95	18.96	19.08	19.13	19.04		
20	16QAM	100	0	19.09	19.20	19.22	19.19	19.19		
20	64QAM	1	0	19.28	19.23	19.30	19.28	19.22	20.7	0
20	64QAM	1	49	19.15	19.25	19.28	19.11	19.12		
20	64QAM	1	99	19.05	19.08	19.23	19.20	19.11		
20	64QAM	50	0	19.25	19.26	19.28	19.27	19.27	20.7	0
20	64QAM	50	24	19.24	19.23	19.33	19.28	19.29		
20	64QAM	50	50	19.05	19.14	19.18	19.15	19.17		
20	64QAM	100	0	19.08	19.16	19.19	19.14	19.19		
20	256QAM	1	0	17.91	17.82	17.86	17.87	17.90	19	1.7
20	256QAM	1	49	17.75	17.73	17.94	17.82	17.66		
20	256QAM	1	99	17.67	17.76	17.82	17.93	17.69		
20	256QAM	50	0	17.79	17.85	17.82	17.79	17.80	19	1.7
20	256QAM	50	24	17.77	17.59	17.84	17.81	17.59		
20	256QAM	50	50	17.50	17.62	17.78	17.61	17.66		
20	256QAM	100	0	17.49	17.47	17.73	17.60	17.51		
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	19.29	19.26	19.34	19.33	19.32	20.7	0
15	QPSK	1	37	19.10	19.20	19.25	19.21	19.14		
15	QPSK	1	74	19.03	19.11	19.13	19.18	19.20		
15	QPSK	36	0	19.10	19.10	19.32	19.26	19.17	20.7	0
15	QPSK	36	20	18.97	19.06	19.15	19.09	19.01		
15	QPSK	36	39	18.96	19.00	19.08	19.07	19.00		
15	QPSK	75	0	19.09	19.13	19.22	19.27	19.26		
15	16QAM	1	0	19.14	19.23	19.20	19.17	19.18	20.7	0
15	16QAM	1	37	18.91	19.10	19.13	19.08	19.15		
15	16QAM	1	74	19.04	19.01	19.09	19.04	19.03		
15	16QAM	36	0	19.04	19.04	19.15	19.13	19.03	20.7	0
15	16QAM	36	20	18.92	19.01	19.07	19.08	18.89		
15	16QAM	36	39	18.85	18.84	18.99	19.00	18.90		
15	16QAM	75	0	19.00	19.16	19.16	19.10	19.06		
15	64QAM	1	0	19.16	19.14	19.26	19.19	19.11	20.7	0
15	64QAM	1	37	19.07	19.17	19.23	18.97	19.03		
15	64QAM	1	74	19.00	18.94	19.16	19.15	18.98		
15	64QAM	36	0	19.11	19.11	19.19	19.12	19.20	20.7	0
15	64QAM	36	20	19.13	19.17	19.27	19.15	19.15		
15	64QAM	36	39	19.01	19.06	19.07	19.09	19.12		
15	64QAM	75	0	19.03	19.04	19.11	19.07	19.05		
15	256QAM	1	0	17.87	17.63	17.71	17.77	17.86	19	1.7
15	256QAM	1	37	17.58	17.61	17.87	17.61	17.58		
15	256QAM	1	74	17.51	17.62	17.63	17.78	17.54		
15	256QAM	36	0	17.68	17.81	17.68	17.72	17.60	19	1.7
15	256QAM	36	20	17.59	17.45	17.64	17.66	17.48		
15	256QAM	36	39	17.34	17.57	17.65	17.50	17.46		
15	256QAM	75	0	17.28	17.40	17.63	17.39	17.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.25	19.24	19.27	19.30	19.23	20.7	0
10	QPSK	1	25	19.16	19.24	19.23	19.22	19.18		
10	QPSK	1	49	19.07	19.09	19.13	19.19	19.17		
10	QPSK	25	0	19.12	19.19	19.31	19.24	19.12	20.7	0
10	QPSK	25	12	19.01	19.13	19.11	19.16	19.03		
10	QPSK	25	25	18.94	18.95	19.11	19.11	19.09		
10	QPSK	50	0	19.14	19.18	19.20	19.25	19.21		
10	16QAM	1	0	19.17	19.20	19.23	19.17	19.18	20.7	0
10	16QAM	1	25	18.95	19.19	19.13	19.07	19.14		
10	16QAM	1	49	19.02	19.03	19.04	19.06	18.99		
10	16QAM	25	0	19.07	19.07	19.24	19.22	19.03	20.7	0
10	16QAM	25	12	19.03	18.96	19.10	19.09	18.95		
10	16QAM	25	25	18.81	18.91	18.97	19.00	18.90		
10	16QAM	50	0	19.01	19.13	19.12	19.14	19.07		
10	64QAM	1	0	19.17	19.18	19.20	19.17	19.12	20.7	0
10	64QAM	1	25	19.10	19.18	19.23	19.04	19.02		
10	64QAM	1	49	18.94	19.00	19.17	19.15	18.99		
10	64QAM	25	0	19.14	19.17	19.22	19.24	19.13	20.7	0
10	64QAM	25	12	19.12	19.09	19.20	19.23	19.15		
10	64QAM	25	25	19.01	19.07	19.09	19.11	19.11		
10	64QAM	50	0	18.94	19.04	19.16	19.09	19.07		
10	256QAM	1	0	17.79	17.67	17.72	17.77	17.74	19	1.7
10	256QAM	1	25	17.66	17.54	17.80	17.67	17.51		
10	256QAM	1	49	17.64	17.56	17.64	17.75	17.55		
10	256QAM	25	0	17.68	17.65	17.66	17.74	17.67	19	1.7
10	256QAM	25	12	17.58	17.48	17.77	17.66	17.51		
10	256QAM	25	25	17.34	17.58	17.73	17.47	17.46		
10	256QAM	50	0	17.33	17.34	17.66	17.54	17.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.26	19.22	19.28	19.34	19.31	20.7	0
5	QPSK	1	12	19.12	19.16	19.22	19.13	19.19		
5	QPSK	1	24	19.04	19.16	19.17	19.23	19.11		
5	QPSK	12	0	19.08	19.12	19.25	19.20	19.14	20.7	0
5	QPSK	12	7	19.04	19.16	19.08	19.16	19.04		
5	QPSK	12	13	19.04	18.93	19.11	19.16	19.00		
5	QPSK	25	0	19.07	19.17	19.25	19.24	19.17		
5	16QAM	1	0	19.10	19.17	19.22	19.19	19.23	20.7	0
5	16QAM	1	12	18.96	19.15	19.14	19.04	19.10		
5	16QAM	1	24	19.07	19.03	19.02	19.11	19.06		
5	16QAM	12	0	18.99	19.07	19.18	19.20	19.02	20.7	0
5	16QAM	12	7	18.99	18.99	19.10	19.02	19.00		
5	16QAM	12	13	18.81	18.92	18.99	19.01	18.92		
5	16QAM	25	0	18.98	19.05	19.17	19.10	19.10		
5	64QAM	1	0	19.16	19.19	19.16	19.16	19.18	20.7	0
5	64QAM	1	12	19.05	19.13	19.25	19.05	18.98		
5	64QAM	1	24	19.01	19.00	19.13	19.14	18.97		
5	64QAM	12	0	19.13	19.14	19.19	19.18	19.21	20.7	0
5	64QAM	12	7	19.13	19.11	19.22	19.22	19.19		
5	64QAM	12	13	18.92	19.09	19.13	19.06	19.03		
5	64QAM	25	0	18.96	19.03	19.09	19.00	19.06		
5	256QAM	1	0	17.75	17.75	17.77	17.80	17.79	19	1.7
5	256QAM	1	12	17.57	17.62	17.74	17.65	17.59		
5	256QAM	1	24	17.46	17.64	17.64	17.83	17.54		
5	256QAM	12	0	17.64	17.79	17.71	17.73	17.76	19	1.7
5	256QAM	12	7	17.70	17.41	17.68	17.65	17.49		
5	256QAM	12	13	17.44	17.57	17.74	17.58	17.50		
5	256QAM	25	0	17.40	17.27	17.63	17.45	17.34		

Band 38 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.66	17.74	17.67	18.7	0
20	QPSK	1	49	17.58	17.69	17.61		
20	QPSK	1	99	17.64	17.66	17.58		
20	QPSK	50	0	17.61	17.69	17.48	18.7	0
20	QPSK	50	24	17.43	17.47	17.48		
20	QPSK	50	50	17.58	17.64	17.52		
20	QPSK	100	0	17.52	17.68	17.55		
20	16QAM	1	0	17.58	17.58	17.55	18.7	0
20	16QAM	1	49	17.47	17.56	17.51		
20	16QAM	1	99	17.49	17.65	17.54		
20	16QAM	50	0	17.50	17.60	17.35	18.7	0
20	16QAM	50	24	17.38	17.47	17.39		
20	16QAM	50	50	17.43	17.53	17.41		
20	16QAM	100	0	17.37	17.53	17.50		
20	64QAM	1	0	17.54	17.64	17.52	18.7	0
20	64QAM	1	49	17.56	17.63	17.57		
20	64QAM	1	99	17.51	17.61	17.50		
20	64QAM	50	0	17.48	17.67	17.34	18.7	0
20	64QAM	50	24	17.29	17.43	17.34		
20	64QAM	50	50	17.52	17.50	17.37		
20	64QAM	100	0	17.35	17.63	17.47		
20	256QAM	1	0	17.50	17.66	17.57	18.7	0
20	256QAM	1	49	17.42	17.54	17.41		
20	256QAM	1	99	17.51	17.56	17.53		
20	256QAM	50	0	17.53	17.58	17.41	18.7	0
20	256QAM	50	24	17.36	17.43	17.34		
20	256QAM	50	50	17.43	17.54	17.29		
20	256QAM	100	0	17.45	17.43	17.39		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	17.62	17.68	17.60	18.7	0
15	QPSK	1	37	17.52	17.61	17.48		
15	QPSK	1	74	17.55	17.57	17.45		
15	QPSK	36	0	17.55	17.65	17.43	18.7	0
15	QPSK	36	20	17.39	17.43	17.43		
15	QPSK	36	39	17.50	17.57	17.39		
15	QPSK	75	0	17.38	17.55	17.45		
15	16QAM	1	0	17.53	17.47	17.43	18.7	0
15	16QAM	1	37	17.35	17.41	17.47		
15	16QAM	1	74	17.35	17.51	17.45		
15	16QAM	36	0	17.42	17.57	17.22	18.7	0
15	16QAM	36	20	17.33	17.40	17.36		
15	16QAM	36	39	17.35	17.43	17.32		
15	16QAM	75	0	17.31	17.42	17.46		
15	64QAM	1	0	17.49	17.49	17.38	18.7	0
15	64QAM	1	37	17.51	17.57	17.47		
15	64QAM	1	74	17.44	17.51	17.41		
15	64QAM	36	0	17.37	17.63	17.20	18.7	0
15	64QAM	36	20	17.16	17.34	17.24		
15	64QAM	36	39	17.44	17.35	17.31		
15	64QAM	75	0	17.31	17.59	17.41		
15	256QAM	1	0	17.44	17.51	17.54	18.7	0
15	256QAM	1	37	17.35	17.47	17.34		
15	256QAM	1	74	17.37	17.50	17.48		
15	256QAM	36	0	17.42	17.52	17.34	18.7	0
15	256QAM	36	20	17.33	17.31	17.19		
15	256QAM	36	39	17.29	17.47	17.17		
15	256QAM	75	0	17.37	17.33	17.36		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	17.58	17.62	17.64	18.7	0
10	QPSK	1	25	17.48	17.63	17.51		
10	QPSK	1	49	17.56	17.62	17.51		
10	QPSK	25	0	17.47	17.62	17.40	18.7	0
10	QPSK	25	12	17.39	17.37	17.35		
10	QPSK	25	25	17.55	17.61	17.39		
10	QPSK	50	0	17.48	17.57	17.46		
10	16QAM	1	0	17.48	17.51	17.50	18.7	0
10	16QAM	1	25	17.42	17.45	17.44		
10	16QAM	1	49	17.40	17.55	17.47		
10	16QAM	25	0	17.39	17.50	17.24	18.7	0
10	16QAM	25	12	17.29	17.35	17.26		
10	16QAM	25	25	17.39	17.39	17.27		
10	16QAM	50	0	17.30	17.39	17.46		
10	64QAM	1	0	17.46	17.55	17.48	18.7	0
10	64QAM	1	25	17.50	17.59	17.51		
10	64QAM	1	49	17.38	17.54	17.39		
10	64QAM	25	0	17.42	17.62	17.27	18.7	0
10	64QAM	25	12	17.22	17.37	17.22		
10	64QAM	25	25	17.43	17.37	17.33		
10	64QAM	50	0	17.22	17.55	17.34		
10	256QAM	1	0	17.35	17.51	17.43	18.7	0
10	256QAM	1	25	17.31	17.50	17.34		
10	256QAM	1	49	17.47	17.52	17.48		
10	256QAM	25	0	17.46	17.52	17.33	18.7	0
10	256QAM	25	12	17.29	17.28	17.19		
10	256QAM	25	25	17.37	17.40	17.21		
10	256QAM	50	0	17.41	17.39	17.24		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	17.58	17.70	17.55	18.7	0
5	QPSK	1	12	17.55	17.66	17.50		
5	QPSK	1	24	17.59	17.51	17.52		
5	QPSK	12	0	17.53	17.61	17.40	18.7	0
5	QPSK	12	7	17.29	17.36	17.36		
5	QPSK	12	13	17.52	17.54	17.47		
5	QPSK	25	0	17.49	17.63	17.49		
5	16QAM	1	0	17.49	17.43	17.43	18.7	0
5	16QAM	1	12	17.40	17.42	17.40		
5	16QAM	1	24	17.42	17.53	17.48		
5	16QAM	12	0	17.37	17.46	17.30	18.7	0
5	16QAM	12	7	17.27	17.39	17.25		
5	16QAM	12	13	17.36	17.48	17.29		
5	16QAM	25	0	17.33	17.39	17.36		
5	64QAM	1	0	17.47	17.60	17.38	18.7	0
5	64QAM	1	12	17.45	17.57	17.47		
5	64QAM	1	24	17.45	17.53	17.37		
5	64QAM	12	0	17.38	17.59	17.26	18.7	0
5	64QAM	12	7	17.17	17.37	17.28		
5	64QAM	12	13	17.42	17.42	17.22		
5	64QAM	25	0	17.22	17.50	17.42		
5	256QAM	1	0	17.37	17.51	17.45	18.7	0
5	256QAM	1	12	17.32	17.40	17.37		
5	256QAM	1	24	17.44	17.47	17.49		
5	256QAM	12	0	17.47	17.52	17.32	18.7	0
5	256QAM	12	7	17.23	17.32	17.21		
5	256QAM	12	13	17.36	17.43	17.22		
5	256QAM	25	0	17.33	17.36	17.25		

Band 41 Ant 4 DSI3

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	17.77	17.75	17.80	17.72	17.73	18.7	0
20	QPSK	1	49	17.63	17.65	17.72	17.64	17.64		
20	QPSK	1	99	17.66	17.69	17.76	17.67	17.60		
20	QPSK	50	0	17.74	17.67	17.74	17.59	17.61	18.7	0
20	QPSK	50	24	17.55	17.55	17.61	17.51	17.53		
20	QPSK	50	50	17.61	17.63	17.68	17.55	17.55		
20	QPSK	100	0	17.70	17.63	17.71	17.66	17.62		
20	16QAM	1	0	17.73	17.70	17.71	17.68	17.65	18.7	0
20	16QAM	1	49	17.56	17.58	17.64	17.56	17.56		
20	16QAM	1	99	17.60	17.60	17.70	17.61	17.57		
20	16QAM	50	0	17.66	17.55	17.65	17.49	17.52	18.7	0
20	16QAM	50	24	17.52	17.41	17.56	17.43	17.45		
20	16QAM	50	50	17.49	17.57	17.61	17.45	17.40		
20	16QAM	100	0	17.61	17.52	17.57	17.59	17.50		
20	64QAM	1	0	17.72	17.65	17.77	17.63	17.61	18.7	0
20	64QAM	1	49	17.49	17.60	17.68	17.61	17.52		
20	64QAM	1	99	17.56	17.66	17.68	17.54	17.52		
20	64QAM	50	0	17.66	17.54	17.71	17.48	17.46	18.7	0
20	64QAM	50	24	17.48	17.40	17.56	17.38	17.44		
20	64QAM	50	50	17.52	17.60	17.64	17.51	17.49		
20	64QAM	100	0	17.59	17.49	17.67	17.54	17.55		
20	256QAM	1	0	17.65	17.60	17.74	17.66	17.67	18.7	0
20	256QAM	1	49	17.54	17.51	17.66	17.50	17.60		
20	256QAM	1	99	17.62	17.61	17.70	17.59	17.57		
20	256QAM	50	0	17.71	17.60	17.65	17.46	17.48	18.7	0
20	256QAM	50	24	17.51	17.41	17.54	17.42	17.48		
20	256QAM	50	50	17.53	17.52	17.58	17.41	17.48		
20	256QAM	100	0	17.62	17.59	17.56	17.53	17.54		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	17.67	17.69	17.68	17.62	17.67	18.7	0
15	QPSK	1	37	17.50	17.52	17.65	17.60	17.55		
15	QPSK	1	74	17.55	17.65	17.61	17.53	17.57		
15	QPSK	36	0	17.59	17.64	17.69	17.54	17.58	18.7	0
15	QPSK	36	20	17.47	17.48	17.50	17.37	17.49		
15	QPSK	36	39	17.54	17.58	17.63	17.47	17.49		
15	QPSK	75	0	17.65	17.59	17.67	17.56	17.59		
15	16QAM	1	0	17.59	17.58	17.66	17.59	17.54	18.7	0
15	16QAM	1	37	17.41	17.51	17.59	17.43	17.43		
15	16QAM	1	74	17.50	17.51	17.56	17.52	17.42		
15	16QAM	36	0	17.52	17.46	17.59	17.40	17.47	18.7	0
15	16QAM	36	20	17.44	17.37	17.49	17.33	17.35		
15	16QAM	36	39	17.35	17.52	17.50	17.35	17.27		
15	16QAM	75	0	17.49	17.37	17.42	17.54	17.46		
15	64QAM	1	0	17.62	17.53	17.68	17.53	17.51	18.7	0
15	64QAM	1	37	17.38	17.49	17.57	17.56	17.47		
15	64QAM	1	74	17.45	17.60	17.54	17.50	17.45		
15	64QAM	36	0	17.57	17.48	17.61	17.37	17.36	18.7	0
15	64QAM	36	20	17.44	17.26	17.48	17.28	17.40		
15	64QAM	36	39	17.38	17.49	17.54	17.37	17.42		
15	64QAM	75	0	17.55	17.38	17.52	17.51	17.43		
15	256QAM	1	0	17.55	17.49	17.69	17.57	17.60	18.7	0
15	256QAM	1	37	17.49	17.44	17.51	17.40	17.48		
15	256QAM	1	74	17.49	17.55	17.60	17.47	17.48		
15	256QAM	36	0	17.58	17.55	17.57	17.36	17.36	18.7	0
15	256QAM	36	20	17.43	17.33	17.41	17.38	17.36		
15	256QAM	36	39	17.42	17.38	17.49	17.30	17.44		
15	256QAM	75	0	17.57	17.56	17.45	17.47	17.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	17.63	17.65	17.67	17.65	17.59	18.7	0
10	QPSK	1	25	17.49	17.58	17.58	17.55	17.56		
10	QPSK	1	49	17.62	17.57	17.66	17.56	17.47		
10	QPSK	25	0	17.69	17.60	17.62	17.54	17.47	18.7	0
10	QPSK	25	12	17.47	17.43	17.55	17.36	17.46		
10	QPSK	25	25	17.51	17.57	17.55	17.40	17.41		
10	QPSK	50	0	17.63	17.60	17.61	17.54	17.56		
10	16QAM	1	0	17.65	17.62	17.61	17.59	17.53	18.7	0
10	16QAM	1	25	17.45	17.45	17.51	17.52	17.46		
10	16QAM	1	49	17.48	17.55	17.65	17.55	17.45		
10	16QAM	25	0	17.60	17.49	17.55	17.44	17.39	18.7	0
10	16QAM	25	12	17.44	17.32	17.50	17.39	17.32		
10	16QAM	25	25	17.36	17.44	17.53	17.40	17.25		
10	16QAM	50	0	17.56	17.44	17.45	17.53	17.45		
10	64QAM	1	0	17.58	17.56	17.66	17.53	17.55	18.7	0
10	64QAM	1	25	17.43	17.50	17.62	17.47	17.38		
10	64QAM	1	49	17.43	17.54	17.62	17.41	17.38		
10	64QAM	25	0	17.61	17.41	17.67	17.41	17.35	18.7	0
10	64QAM	25	12	17.38	17.36	17.45	17.33	17.38		
10	64QAM	25	25	17.44	17.53	17.58	17.46	17.36		
10	64QAM	50	0	17.56	17.41	17.57	17.41	17.44		
10	256QAM	1	0	17.53	17.55	17.71	17.62	17.53	18.7	0
10	256QAM	1	25	17.47	17.39	17.54	17.46	17.46		
10	256QAM	1	49	17.49	17.53	17.63	17.49	17.53		
10	256QAM	25	0	17.59	17.49	17.62	17.32	17.34	18.7	0
10	256QAM	25	12	17.48	17.26	17.51	17.38	17.34		
10	256QAM	25	25	17.43	17.43	17.48	17.38	17.41		
10	256QAM	50	0	17.49	17.50	17.45	17.39	17.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	17.66	17.71	17.68	17.67	17.62	18.7	0
5	QPSK	1	12	17.60	17.62	17.66	17.51	17.51		
5	QPSK	1	24	17.60	17.62	17.70	17.56	17.47		
5	QPSK	12	0	17.65	17.61	17.67	17.46	17.46	18.7	0
5	QPSK	12	7	17.45	17.50	17.56	17.40	17.48		
5	QPSK	12	13	17.49	17.52	17.61	17.51	17.50		
5	QPSK	25	0	17.61	17.58	17.57	17.62	17.51		
5	16QAM	1	0	17.70	17.63	17.67	17.57	17.61	18.7	0
5	16QAM	1	12	17.50	17.47	17.53	17.53	17.46		
5	16QAM	1	24	17.46	17.51	17.67	17.51	17.53		
5	16QAM	12	0	17.56	17.48	17.56	17.38	17.40	18.7	0
5	16QAM	12	7	17.49	17.33	17.51	17.35	17.30		
5	16QAM	12	13	17.44	17.52	17.53	17.33	17.33		
5	16QAM	25	0	17.55	17.42	17.50	17.50	17.42		
5	64QAM	1	0	17.60	17.58	17.74	17.54	17.56	18.7	0
5	64QAM	1	12	17.41	17.53	17.54	17.55	17.48		
5	64QAM	1	24	17.47	17.52	17.61	17.51	17.44		
5	64QAM	12	0	17.55	17.42	17.64	17.34	17.33	18.7	0
5	64QAM	12	7	17.35	17.36	17.43	17.27	17.32		
5	64QAM	12	13	17.41	17.56	17.49	17.48	17.40		
5	64QAM	25	0	17.48	17.40	17.57	17.46	17.41		
5	256QAM	1	0	17.55	17.55	17.64	17.53	17.55	18.7	0
5	256QAM	1	12	17.44	17.36	17.51	17.42	17.57		
5	256QAM	1	24	17.49	17.49	17.61	17.55	17.48		
5	256QAM	12	0	17.58	17.55	17.53	17.41	17.41	18.7	0
5	256QAM	12	7	17.43	17.33	17.42	17.36	17.37		
5	256QAM	12	13	17.50	17.40	17.47	17.37	17.34		
5	256QAM	25	0	17.52	17.53	17.48	17.41	17.51		

Band 42 Ant 5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3590	3690		
20	QPSK	1	0	18.72	18.77	18.74		
20	QPSK	1	49	18.58	18.73	18.69	19.5	0
20	QPSK	1	99	18.58	18.72	18.60		
20	QPSK	50	0	18.63	18.71	18.70		
20	QPSK	50	24	18.54	18.59	18.57	19.5	0
20	QPSK	50	50	18.51	18.64	18.56		
20	QPSK	100	0	18.68	18.69	18.61		
20	16QAM	1	0	18.57	18.63	18.60		
20	16QAM	1	49	18.44	18.69	18.65	19.5	0
20	16QAM	1	99	18.44	18.59	18.46		
20	16QAM	50	0	18.55	18.68	18.59		
20	16QAM	50	24	18.41	18.47	18.53	19.5	0
20	16QAM	50	50	18.46	18.50	18.49		
20	16QAM	100	0	18.60	18.56	18.57		
20	64QAM	1	0	18.69	18.66	18.63		
20	64QAM	1	49	18.50	18.62	18.55	19.5	0
20	64QAM	1	99	18.51	18.66	18.54		
20	64QAM	50	0	18.53	18.57	18.64		
20	64QAM	50	24	18.43	18.46	18.48	19.5	0
20	64QAM	50	50	18.39	18.55	18.51		
20	64QAM	100	0	18.60	18.65	18.56		
20	256QAM	1	0	17.79	17.96	17.91		
20	256QAM	1	49	17.85	17.83	17.72	19	0.5
20	256QAM	1	99	17.66	17.85	17.83		
20	256QAM	50	0	17.79	17.77	17.72		
20	256QAM	50	24	17.63	17.77	17.66	19	0.5
20	256QAM	50	50	17.69	17.65	17.71		
20	256QAM	100	0	17.42	17.50	17.49		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3497.5	3590	3542.5		
15	QPSK	1	0	18.62	18.74	18.54		
15	QPSK	1	37	18.53	18.61	18.60	19.5	0
15	QPSK	1	74	18.45	18.66	18.50		
15	QPSK	36	0	18.59	18.61	18.55		
15	QPSK	36	20	18.42	18.45	18.46	19.5	0
15	QPSK	36	39	18.43	18.57	18.48		
15	QPSK	75	0	18.55	18.63	18.56		
15	16QAM	1	0	18.46	18.53	18.53		
15	16QAM	1	37	18.35	18.63	18.62	19.5	0
15	16QAM	1	74	18.41	18.54	18.37		
15	16QAM	36	0	18.48	18.57	18.45		
15	16QAM	36	20	18.26	18.43	18.40	19.5	0
15	16QAM	36	39	18.36	18.45	18.39		
15	16QAM	75	0	18.53	18.46	18.54		
15	64QAM	1	0	18.62	18.57	18.53		
15	64QAM	1	37	18.44	18.58	18.47	19.5	0
15	64QAM	1	74	18.47	18.52	18.40		
15	64QAM	36	0	18.40	18.50	18.57		
15	64QAM	36	20	18.34	18.39	18.45	19.5	0
15	64QAM	36	39	18.26	18.49	18.42		
15	64QAM	75	0	18.56	18.55	18.50		
15	256QAM	1	0	17.59	17.89	17.70		
15	256QAM	1	37	17.72	17.75	17.54	19	0.5
15	256QAM	1	74	17.57	17.67	17.48		
15	256QAM	36	0	17.63	17.74	17.55		
15	256QAM	36	20	17.42	17.70	17.52	19	0.5
15	256QAM	36	39	17.61	17.45	17.62		
15	256QAM	75	0	17.35	17.36	17.38		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3590	3545		
10	QPSK	1	0	18.63	18.65	18.65		
10	QPSK	1	25	18.47	18.61	18.64	19.5	0
10	QPSK	1	49	18.46	18.66	18.48		
10	QPSK	25	0	18.55	18.64	18.60		
10	QPSK	25	12	18.41	18.48	18.47	19.5	0
10	QPSK	25	25	18.43	18.56	18.43		
10	QPSK	50	0	18.57	18.62	18.48		
10	16QAM	1	0	18.43	18.51	18.52		
10	16QAM	1	25	18.35	18.64	18.56	19.5	0
10	16QAM	1	49	18.38	18.55	18.43		
10	16QAM	25	0	18.41	18.56	18.55		
10	16QAM	25	12	18.36	18.36	18.43	19.5	0
10	16QAM	25	25	18.41	18.35	18.43		
10	16QAM	50	0	18.57	18.45	18.50		
10	64QAM	1	0	18.63	18.62	18.49		
10	64QAM	1	25	18.43	18.56	18.43	19.5	0
10	64QAM	1	49	18.37	18.57	18.42		
10	64QAM	25	0	18.40	18.54	18.53		
10	64QAM	25	12	18.31	18.42	18.43	19.5	0
10	64QAM	25	25	18.31	18.46	18.41		
10	64QAM	50	0	18.53	18.59	18.44		
10	256QAM	1	0	17.67	17.90	17.72		
10	256QAM	1	25	17.80	17.62	17.64	19	0.5
10	256QAM	1	49	17.54	17.73	17.55		
10	256QAM	25	0	17.63	17.69	17.60		
10	256QAM	25	12	17.52	17.63	17.48	19	0.5
10	256QAM	25	25	17.58	17.49	17.57		
10	256QAM	50	0	17.35	17.33	17.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.5	3590	3547.5		
5	QPSK	1	0	18.63	18.71	18.63		
5	QPSK	1	12	18.47	18.65	18.62	19.5	0
5	QPSK	1	24	18.55	18.66	18.55		
5	QPSK	12	0	18.51	18.56	18.60		
5	QPSK	12	7	18.44	18.47	18.52	19.5	0
5	QPSK	12	13	18.38	18.59	18.44		
5	QPSK	25	0	18.59	18.57	18.54		
5	16QAM	1	0	18.48	18.59	18.48		
5	16QAM	1	12	18.33	18.60	18.54	19.5	0
5	16QAM	1	24	18.40	18.49	18.33		
5	16QAM	12	0	18.44	18.57	18.46		
5	16QAM	12	7	18.36	18.43	18.42	19.5	0
5	16QAM	12	13	18.36	18.47	18.39		
5	16QAM	25	0	18.56	18.49	18.44		
5	64QAM	1	0	18.63	18.61	18.57		
5	64QAM	1	12	18.37	18.54	18.45	19.5	0
5	64QAM	1	24	18.42	18.58	18.40		
5	64QAM	12	0	18.39	18.47	18.59		
5	64QAM	12	7	18.38	18.31	18.33	19.5	0
5	64QAM	12	13	18.27	18.50	18.44		
5	64QAM	25	0	18.50	18.50	18.50		
5	256QAM	1	0	17.76	17.85	17.87		
5	256QAM	1	12	17.66	17.66	17.62	19	0.5
5	256QAM	1	24	17.63	17.73	17.44		
5	256QAM	12	0	17.63	17.65	17.59		
5	256QAM	12	7	17.54	17.60	17.53	19	0.5
5	256QAM	12	13	17.53	17.61	17.66		
5	256QAM	25	0	17.24	17.29	17.32		

Reduced Power Mode for DSI6

	GSM850 Ant 0 DSI6							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.27	32.37	32.22	33.50	23.27	23.37	23.22	24.50
GPRS 1 Tx slot	32.25	32.40	32.30	33.50	23.25	23.40	23.30	24.50
GPRS 2 Tx slots	30.27	30.38	30.38	31.50	24.27	24.38	24.38	25.50
GPRS 3 Tx slots	28.51	28.64	28.53	29.50	24.25	24.38	24.27	25.24
GPRS 4 Tx slots	26.92	27.00	27.00	28.00	23.92	24.00	24.00	25.00
EDGE 1 Tx slot	25.25	25.44	25.36	26.50	16.25	16.44	16.36	17.50
EDGE 2 Tx slots	24.89	25.07	25.02	26.00	18.89	19.07	19.02	20.00
EDGE 3 Tx slots	24.31	24.44	24.32	25.50	20.05	20.18	20.06	21.24
EDGE 4 Tx slots	23.71	23.79	23.63	25.00	20.71	20.79	20.63	22.00

	GSM1900 Ant 0 DSI6							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.71	26.85	26.70	28.50	17.71	17.85	17.70	19.50
GPRS 1 Tx slot	26.82	26.88	26.81	28.50	17.82	17.88	17.81	19.50
GPRS 2 Tx slots	23.78	23.84	23.77	25.50	17.78	17.84	17.77	19.50
GPRS 3 Tx slots	21.88	21.97	21.94	23.70	17.62	17.71	17.68	19.44
GPRS 4 Tx slots	21.38	21.51	21.47	22.50	18.38	18.51	18.47	19.50
EDGE 1 Tx slot	24.85	24.99	24.88	26.00	15.85	15.99	15.88	17.00
EDGE 2 Tx slots	23.53	23.61	23.56	25.50	17.53	17.61	17.56	19.50
EDGE 3 Tx slots	22.60	22.63	22.45	23.70	18.34	18.37	18.19	19.44
EDGE 4 Tx slots	21.46	21.57	21.44	22.50	18.46	18.57	18.44	19.50

		WCDMA II Ant 0 DSI6				WCDMA IV Ant 0 DSI6				WCDMA V Ant 0 DSI6			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.96	19.97	19.91	21.10	18.80	18.97	18.92	20.30	23.08	23.11	23.09	24.00
3GPP Rel 99	RMC 12.2Kbps	19.98	20.00	19.95	21.10	18.95	19.00	18.97	20.30	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	18.98	18.95	18.97	20.10	17.92	17.96	17.94	19.30	22.20	22.24	22.07	23.00
3GPP Rel 6	HSDPA Subtest-2	18.92	18.98	18.96	20.10	17.89	18.00	18.02	19.30	22.11	22.20	22.14	23.00
3GPP Rel 6	HSDPA Subtest-3	18.45	18.49	18.48	19.60	17.43	17.49	17.47	18.80	21.63	21.63	21.73	22.50
3GPP Rel 6	HSDPA Subtest-4	18.50	18.55	18.42	19.60	17.49	17.54	17.48	18.80	21.57	21.62	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	19.04	19.04	18.90	20.10	17.93	18.05	17.96	19.30	22.15	22.12	22.17	23.00
3GPP Rel 6	HSUPA Subtest-2	16.96	17.03	16.91	18.10	16.00	16.02	15.96	17.30	20.15	20.08	20.22	21.00
3GPP Rel 6	HSUPA Subtest-3	17.97	18.03	17.96	19.10	17.01	16.97	17.02	18.30	21.10	21.14	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	16.93	17.00	16.97	18.10	15.98	16.04	16.01	17.30	20.11	20.16	20.06	21.00
3GPP Rel 6	HSUPA Subtest-5	18.93	19.02	18.97	20.10	17.97	18.00	17.93	19.30	22.21	22.20	22.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.50	16.45	16.48	17.60	15.47	15.52	15.41	16.80	19.62	19.60	19.62	20.50

Band 2 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.94	19.79	21.1	0
20	QPSK	1	49	19.72	19.79	19.80		
20	QPSK	1	99	19.79	19.77	19.68		
20	QPSK	50	0	19.79	19.88	19.68		
20	QPSK	50	24	19.58	19.67	19.57	21.1	0
20	QPSK	50	50	19.60	19.72	19.70		
20	QPSK	100	0	19.67	19.78	19.77		
20	16QAM	1	0	19.84	19.81	19.77		
20	16QAM	1	49	19.61	19.68	19.74	21.1	0
20	16QAM	1	99	19.67	19.70	19.68		
20	16QAM	50	0	19.66	19.77	19.68		
20	16QAM	50	24	19.49	19.54	19.60	21.1	0
20	16QAM	50	50	19.60	19.71	19.56		
20	16QAM	100	0	19.49	19.66	19.55		
20	64QAM	1	0	19.44	19.56	19.43		
20	64QAM	1	49	19.54	19.54	19.60	21.1	0
20	64QAM	1	99	19.60	19.62	19.52		
20	64QAM	50	0	19.52	19.56	19.44		
20	64QAM	50	24	19.28	19.44	19.44		
20	64QAM	50	50	19.43	19.40	19.35	21	0.1
20	64QAM	100	0	19.45	19.55	19.29		
20	256QAM	1	0	17.71	17.69	17.86		
20	256QAM	1	49	17.54	17.69	17.79	19	2.1
20	256QAM	1	99	17.64	17.71	17.72		
20	256QAM	50	0	17.67	17.80	17.63		
20	256QAM	50	24	17.46	17.53	17.60	19	2.1
20	256QAM	50	50	17.49	17.65	17.76		
20	256QAM	100	0	17.61	17.74	17.62		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.76	19.81	19.68		
15	QPSK	1	37	19.65	19.68	19.71	21.1	0
15	QPSK	1	74	19.73	19.72	19.70		
15	QPSK	36	0	19.68	19.84	19.64		
15	QPSK	36	20	19.46	19.57	19.50	21.1	0
15	QPSK	36	39	19.48	19.68	19.66		
15	QPSK	75	0	19.52	19.68	19.70		
15	16QAM	1	0	19.78	19.71	19.83		
15	16QAM	1	37	19.54	19.56	19.60	21.1	0
15	16QAM	1	74	19.53	19.55	19.63		
15	16QAM	36	0	19.62	19.66	19.57		
15	16QAM	36	20	19.38	19.41	19.52	21.1	0
15	16QAM	36	39	19.53	19.63	19.50		
15	16QAM	75	0	19.37	19.62	19.48		
15	64QAM	1	0	19.34	19.48	19.34		
15	64QAM	1	37	19.44	19.43	19.46	21.1	0
15	64QAM	1	74	19.50	19.57	19.49		
15	64QAM	36	0	19.49	19.46	19.30		
15	64QAM	36	20	19.22	19.31	19.37	21	0.1
15	64QAM	36	39	19.33	19.29	19.22		
15	64QAM	75	0	19.41	19.49	19.19		
15	256QAM	1	0	17.62	17.58	17.83		
15	256QAM	1	37	17.45	17.58	17.76	19	2.1
15	256QAM	1	74	17.50	17.64	17.60		
15	256QAM	36	0	17.63	17.74	17.52		
15	256QAM	36	20	17.32	17.44	17.52	19	2.1
15	256QAM	36	39	17.40	17.52	17.64		
15	256QAM	75	0	17.54	17.69	17.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.77	19.81	19.75	21.1	0
10	QPSK	1	25	19.65	19.70	19.75		
10	QPSK	1	49	19.74	19.67	19.74		
10	QPSK	25	0	19.74	19.82	19.60		
10	QPSK	25	12	19.48	19.54	19.46	21.1	0
10	QPSK	25	25	19.48	19.68	19.51		
10	QPSK	50	0	19.59	19.75	19.64		
10	16QAM	1	0	19.75	19.71	19.66		
10	16QAM	1	25	19.46	19.54	19.62	21.1	0
10	16QAM	1	49	19.63	19.59	19.63		
10	16QAM	25	0	19.58	19.73	19.53		
10	16QAM	25	12	19.38	19.40	19.51	21.1	0
10	16QAM	25	25	19.57	19.57	19.48		
10	16QAM	50	0	19.40	19.57	19.46		
10	64QAM	1	0	19.37	19.49	19.30		
10	64QAM	1	25	19.45	19.44	19.46	21.1	0
10	64QAM	1	49	19.56	19.59	19.41		
10	64QAM	25	0	19.48	19.50	19.30		
10	64QAM	25	12	19.25	19.32	19.39	21	0.1
10	64QAM	25	25	19.32	19.28	19.32		
10	64QAM	50	0	19.37	19.41	19.23		
10	256QAM	1	0	17.64	17.62	17.82		
10	256QAM	1	25	17.44	17.56	17.69	19	2.1
10	256QAM	1	49	17.52	17.61	17.66		
10	256QAM	25	0	17.53	17.75	17.50		
10	256QAM	25	12	17.42	17.41	17.52	19	2.1
10	256QAM	25	25	17.46	17.55	17.64		
10	256QAM	50	0	17.58	17.71	17.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.78	19.91	19.72		
5	QPSK	1	12	19.64	19.69	19.75	21.1	0
5	QPSK	1	24	19.75	19.71	19.73		
5	QPSK	12	0	19.76	19.73	19.58		
5	QPSK	12	7	19.51	19.57	19.48	21.1	0
5	QPSK	12	13	19.53	19.67	19.59		
5	QPSK	25	0	19.58	19.73	19.72		
5	16QAM	1	0	19.75	19.78	19.71		
5	16QAM	1	12	19.54	19.60	19.68	21.1	0
5	16QAM	1	24	19.60	19.56	19.54		
5	16QAM	12	0	19.63	19.63	19.56		
5	16QAM	12	7	19.42	19.42	19.51	21.1	0
5	16QAM	12	13	19.48	19.46	19.44		
5	16QAM	25	0	19.45	19.59	19.48		
5	64QAM	1	0	19.39	19.42	19.33		
5	64QAM	1	12	19.41	19.48	19.53	21.1	0
5	64QAM	1	24	19.50	19.55	19.46		
5	64QAM	12	0	19.38	19.46	19.41		
5	64QAM	12	7	19.21	19.40	19.41	21	0.1
5	64QAM	12	13	19.37	19.27	19.21		
5	64QAM	25	0	19.32	19.44	19.19		
5	256QAM	1	0	17.59	17.59	17.82		
5	256QAM	1	12	17.48	17.57	17.70	19	2.1
5	256QAM	1	24	17.52	17.59	17.67		
5	256QAM	12	0	17.56	17.71	17.55		
5	256QAM	12	7	17.32	17.45	17.49	19	2.1
5	256QAM	12	13	17.46	17.52	17.64		
5	256QAM	25	0	17.52	17.65	17.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.84	19.86	19.69		
3	QPSK	1	8	19.66	19.72	19.70	21.1	0
3	QPSK	1	14	19.74	19.73	19.65		
3	QPSK	8	0	19.68	19.78	19.56		
3	QPSK	8	4	19.53	19.57	19.53	21.1	0
3	QPSK	8	7	19.49	19.62	19.65		
3	QPSK	15	0	19.63	19.63	19.66		
3	16QAM	1	0	19.75	19.74	19.69		
3	16QAM	1	8	19.55	19.60	19.70	21.1	0
3	16QAM	1	14	19.62	19.66	19.59		
3	16QAM	8	0	19.62	19.62	19.54		
3	16QAM	8	4	19.36	19.41	19.51	21.1	0
3	16QAM	8	7	19.45	19.57	19.53		
3	16QAM	15	0	19.37	19.57	19.42		
3	64QAM	1	0	19.36	19.41	19.34		
3	64QAM	1	8	19.46	19.43	19.47	21.1	0
3	64QAM	1	14	19.47	19.51	19.48		
3	64QAM	8	0	19.46	19.44	19.33		
3	64QAM	8	4	19.20	19.31	19.33	21	0.1
3	64QAM	8	7	19.30	19.37	19.32		
3	64QAM	15	0	19.38	19.49	19.18		
3	256QAM	1	0	17.60	17.55	17.78		
3	256QAM	1	8	17.51	17.62	17.70	19	2.1
3	256QAM	1	14	17.56	17.60	17.68		
3	256QAM	8	0	17.62	17.71	17.58		
3	256QAM	8	4	17.38	17.47	17.55	19	2.1
3	256QAM	8	7	17.37	17.61	17.61		
3	256QAM	15	0	17.49	17.71	17.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.79	19.85	19.71		
1.4	QPSK	1	3	19.59	19.70	19.68		
1.4	QPSK	1	5	19.74	19.64	19.74	21.1	0
1.4	QPSK	3	0	19.72	19.78	19.54		
1.4	QPSK	3	1	19.43	19.64	19.48		
1.4	QPSK	3	3	19.49	19.68	19.66		
1.4	QPSK	6	0	19.60	19.73	19.66	21.1	0
1.4	16QAM	1	0	19.71	19.75	19.72		
1.4	16QAM	1	3	19.50	19.53	19.66		
1.4	16QAM	1	5	19.59	19.63	19.61	21.1	0
1.4	16QAM	3	0	19.53	19.68	19.63		
1.4	16QAM	3	1	19.35	19.49	19.55		
1.4	16QAM	3	3	19.46	19.63	19.41		
1.4	16QAM	6	0	19.36	19.62	19.46	21.1	0
1.4	64QAM	1	0	19.31	19.48	19.38		
1.4	64QAM	1	3	19.46	19.45	19.55		
1.4	64QAM	1	5	19.50	19.54	19.38	21.1	0
1.4	64QAM	3	0	19.28	19.36	19.33		
1.4	64QAM	3	1	19.43	19.31	19.50		
1.4	64QAM	3	3	19.38	19.41	19.32		
1.4	64QAM	6	0	19.40	19.45	19.19	21	0.1
1.4	256QAM	1	0	17.60	17.57	17.78		
1.4	256QAM	1	3	17.44	17.62	17.75		
1.4	256QAM	1	5	17.50	17.61	17.61	19	2.1
1.4	256QAM	3	0	17.60	17.74	17.48		
1.4	256QAM	3	1	17.35	17.43	17.53		
1.4	256QAM	3	3	17.45	17.54	17.70		
1.4	256QAM	6	0	17.47	17.66	17.54	19	2.1

Band 4 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.83	18.92	18.88	20.1	0
20	QPSK	1	49	18.72	18.84	18.71		
20	QPSK	1	99	18.74	18.81	18.78		
20	QPSK	50	0	18.76	18.77	18.72		
20	QPSK	50	24	18.69	18.72	18.66	20.1	0
20	QPSK	50	50	18.66	18.69	18.69		
20	QPSK	100	0	18.68	18.78	18.74		
20	16QAM	1	0	18.79	18.84	18.84		
20	16QAM	1	49	18.58	18.81	18.63	20.1	0
20	16QAM	1	99	18.66	18.69	18.71		
20	16QAM	50	0	18.61	18.81	18.58		
20	16QAM	50	24	18.60	18.60	18.57	20.1	0
20	16QAM	50	50	18.60	18.61	18.56		
20	16QAM	100	0	18.68	18.74	18.69		
20	64QAM	1	0	18.78	18.79	18.77		
20	64QAM	1	49	18.65	18.73	18.78	20.1	0
20	64QAM	1	99	18.76	18.62	18.68		
20	64QAM	50	0	18.71	18.75	18.66		
20	64QAM	50	24	18.62	18.69	18.58	20.1	0
20	64QAM	50	50	18.54	18.59	18.56		
20	64QAM	100	0	18.59	18.65	18.69		
20	256QAM	1	0	17.70	17.86	17.77		
20	256QAM	1	49	17.68	17.78	17.67	19	1.1
20	256QAM	1	99	17.63	17.67	17.78		
20	256QAM	50	0	17.71	17.65	17.56		
20	256QAM	50	24	17.59	17.70	17.54	19	1.1
20	256QAM	50	50	17.58	17.59	17.55		
20	256QAM	100	0	17.67	17.77	17.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.69	18.79	18.78	20.1	0
15	QPSK	1	37	18.59	18.73	18.65		
15	QPSK	1	74	18.66	18.70	18.73		
15	QPSK	36	0	18.63	18.70	18.66		
15	QPSK	36	20	18.61	18.62	18.55	20.1	0
15	QPSK	36	39	18.61	18.58	18.59		
15	QPSK	75	0	18.76	18.75	18.67		
15	16QAM	1	0	18.73	18.72	18.70		
15	16QAM	1	37	18.54	18.74	18.54	20.1	0
15	16QAM	1	74	18.53	18.64	18.67		
15	16QAM	36	0	18.49	18.56	18.49		
15	16QAM	36	20	18.51	18.53	18.53	20.1	0
15	16QAM	36	39	18.50	18.54	18.43		
15	16QAM	75	0	18.60	18.60	18.64		
15	64QAM	1	0	18.65	18.73	18.71		
15	64QAM	1	37	18.58	18.62	18.71	20.1	0
15	64QAM	1	74	18.70	18.54	18.58		
15	64QAM	36	0	18.68	18.65	18.55		
15	64QAM	36	20	18.52	18.56	18.52	20.1	0
15	64QAM	36	39	18.49	18.45	18.50		
15	64QAM	75	0	18.49	18.53	18.58		
15	256QAM	1	0	17.58	17.81	17.70		
15	256QAM	1	37	17.57	17.77	17.57	19	1.1
15	256QAM	1	74	17.59	17.63	17.75		
15	256QAM	36	0	17.67	17.55	17.52		
15	256QAM	36	20	17.47	17.64	17.41	19	1.1
15	256QAM	36	39	17.61	17.76	17.52		
15	256QAM	75	0	17.53	17.70	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.75	18.85	18.79	20.1	0
10	QPSK	1	25	18.61	18.69	18.56		
10	QPSK	1	49	18.65	18.76	18.70		
10	QPSK	25	0	18.66	18.70	18.68		
10	QPSK	25	12	18.54	18.62	18.63	20.1	0
10	QPSK	25	25	18.52	18.66	18.55		
10	QPSK	50	0	18.73	18.73	18.62		
10	16QAM	1	0	18.69	18.77	18.73		
10	16QAM	1	25	18.52	18.75	18.59	20.1	0
10	16QAM	1	49	18.57	18.58	18.56		
10	16QAM	25	0	18.58	18.58	18.44		
10	16QAM	25	12	18.54	18.47	18.45	20.1	0
10	16QAM	25	25	18.47	18.48	18.44		
10	16QAM	50	0	18.55	18.64	18.58		
10	64QAM	1	0	18.74	18.67	18.70		
10	64QAM	1	25	18.56	18.67	18.63	20.1	0
10	64QAM	1	49	18.65	18.56	18.61		
10	64QAM	25	0	18.62	18.61	18.53		
10	64QAM	25	12	18.50	18.59	18.53	20.1	0
10	64QAM	25	25	18.46	18.49	18.44		
10	64QAM	50	0	18.53	18.61	18.63		
10	256QAM	1	0	17.63	17.76	17.73		
10	256QAM	1	25	17.58	17.75	17.63	19	1.1
10	256QAM	1	49	17.50	17.61	17.65		
10	256QAM	25	0	17.64	17.59	17.52		
10	256QAM	25	12	17.55	17.63	17.41	19	1.1
10	256QAM	25	25	17.57	17.36	17.49		
10	256QAM	50	0	17.54	17.64	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.76	18.79	18.76	20.1	0
5	QPSK	1	12	18.59	18.69	18.64		
5	QPSK	1	24	18.71	18.68	18.67		
5	QPSK	12	0	18.70	18.63	18.67		
5	QPSK	12	7	18.57	18.68	18.60	20.1	0
5	QPSK	12	13	18.58	18.59	18.63		
5	QPSK	25	0	18.75	18.67	18.62		
5	16QAM	1	0	18.71	18.77	18.72		
5	16QAM	1	12	18.46	18.71	18.50	20.1	0
5	16QAM	1	24	18.56	18.62	18.66		
5	16QAM	12	0	18.57	18.58	18.48		
5	16QAM	12	7	18.48	18.53	18.42	20.1	0
5	16QAM	12	13	18.51	18.51	18.53		
5	16QAM	25	0	18.62	18.61	18.56		
5	64QAM	1	0	18.74	18.73	18.70		
5	64QAM	1	12	18.53	18.70	18.71	20.1	0
5	64QAM	1	24	18.72	18.48	18.58		
5	64QAM	12	0	18.58	18.62	18.52		
5	64QAM	12	7	18.59	18.58	18.44	20.1	0
5	64QAM	12	13	18.48	18.47	18.52		
5	64QAM	25	0	18.52	18.56	18.66		
5	256QAM	1	0	17.57	17.75	17.64		
5	256QAM	1	12	17.62	17.70	17.59	19	1.1
5	256QAM	1	24	17.54	17.56	17.73		
5	256QAM	12	0	17.57	17.49	17.49	19	1.1
5	256QAM	12	7	17.48	17.56	17.45		
5	256QAM	12	13	17.62	17.43	17.44		
5	256QAM	25	0	17.61	17.73	17.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.74	18.80	18.83	20.1	0
3	QPSK	1	8	18.68	18.70	18.58		
3	QPSK	1	14	18.59	18.69	18.69		
3	QPSK	8	0	18.66	18.66	18.60		
3	QPSK	8	4	18.61	18.60	18.60	20.1	0
3	QPSK	8	7	18.61	18.57	18.58		
3	QPSK	15	0	18.75	18.75	18.70		
3	16QAM	1	0	18.71	18.75	18.79		
3	16QAM	1	8	18.52	18.68	18.54	20.1	0
3	16QAM	1	14	18.60	18.59	18.61		
3	16QAM	8	0	18.52	18.56	18.52		
3	16QAM	8	4	18.52	18.50	18.47	20.1	0
3	16QAM	8	7	18.54	18.48	18.43		
3	16QAM	15	0	18.63	18.60	18.55		
3	64QAM	1	0	18.74	18.69	18.69		
3	64QAM	1	8	18.58	18.68	18.67	20.1	0
3	64QAM	1	14	18.67	18.55	18.57		
3	64QAM	8	0	18.63	18.68	18.56		
3	64QAM	8	4	18.50	18.62	18.51	20.1	0
3	64QAM	8	7	18.41	18.47	18.52		
3	64QAM	15	0	18.55	18.61	18.63		
3	256QAM	1	0	17.59	17.71	17.69		
3	256QAM	1	8	17.65	17.64	17.64	19	1.1
3	256QAM	1	14	17.49	17.52	17.58		
3	256QAM	8	0	17.57	17.53	17.46		
3	256QAM	8	4	17.52	17.60	17.50	19	1.1
3	256QAM	8	7	17.58	17.36	17.48		
3	256QAM	15	0	17.60	17.64	17.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.70	18.83	18.76	20.1	0
1.4	QPSK	1	3	18.58	18.80	18.56		
1.4	QPSK	1	5	18.62	18.69	18.63		
1.4	QPSK	3	0	18.64	18.65	18.60		
1.4	QPSK	3	1	18.59	18.65	18.56		
1.4	QPSK	3	3	18.55	18.61	18.57		
1.4	QPSK	6	0	18.67	18.68	18.60	20.1	0
1.4	16QAM	1	0	18.71	18.74	18.76		
1.4	16QAM	1	3	18.44	18.67	18.54		
1.4	16QAM	1	5	18.57	18.62	18.59	20.1	0
1.4	16QAM	3	0	18.56	18.56	18.47		
1.4	16QAM	3	1	18.55	18.52	18.52		
1.4	16QAM	3	3	18.52	18.53	18.47		
1.4	16QAM	6	0	18.64	18.69	18.64	20.1	0
1.4	64QAM	1	0	18.68	18.74	18.69		
1.4	64QAM	1	3	18.55	18.63	18.73		
1.4	64QAM	1	5	18.68	18.58	18.64	20.1	0
1.4	64QAM	3	0	18.57	18.71	18.54		
1.4	64QAM	3	1	18.55	18.59	18.48		
1.4	64QAM	3	3	18.49	18.50	18.50		
1.4	64QAM	6	0	18.45	18.59	18.63	20.1	0
1.4	256QAM	1	0	17.61	17.80	17.66		
1.4	256QAM	1	3	17.62	17.73	17.54		
1.4	256QAM	1	5	17.49	17.55	17.70	18	2.1
1.4	256QAM	3	0	17.61	17.57	17.51		
1.4	256QAM	3	1	17.47	17.65	17.41		
1.4	256QAM	3	3	17.60	17.36	17.40		
1.4	256QAM	6	0	17.58	17.64	17.46	18	2.1

Band 5 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.11	23.17	23.15	24	0
10	QPSK	1	25	23.04	23.08	23.06		
10	QPSK	1	49	22.97	23.06	23.02		
10	QPSK	25	0	22.10	22.18	22.10		
10	QPSK	25	12	22.07	22.15	22.08	23	1
10	QPSK	25	25	22.05	22.11	22.06		
10	QPSK	50	0	22.10	22.15	22.11		
10	16QAM	1	0	21.91	22.06	22.01		
10	16QAM	1	25	21.92	22.01	21.90	23	1
10	16QAM	1

Band 13 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.87		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.78			
10	QPSK	25	0		21.90		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.89			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.81			
10	16QAM	1	49		21.52			
10	16QAM	25	0		20.83		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.53			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.95			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.95		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.74	22.72	24	0
5	QPSK	1	12	22.69	22.74	22.72		
5	QPSK	1	24	22.59	22.63	22.67		
5	QPSK	12	0	21.72	21.75	21.84	23	1
5	QPSK	12	7	21.76	21.84	21.73		
5	QPSK	12	13	21.65	21.51	21.54		
5	QPSK	25	0	21.69	21.78	21.70		
5	16QAM	1	0	21.70	21.66	21.68	23	1
5	16QAM	1	12	21.63	21.69	21.69		
5	16QAM	1	24	21.32	21.47	21.35		
5	16QAM	12	0	20.64	20.72	20.71	22	2
5	16QAM	12	7	20.68	20.66	20.78		
5	16QAM	12	13	20.57	20.60	20.70		
5	16QAM	25	0	20.62	20.81	20.79		
5	64QAM	1	0	20.70	20.72	20.87	22	2
5	64QAM	1	12	20.70	20.71	20.78		
5	64QAM	1	24	20.48	20.46	20.50		
5	64QAM	12	0	19.70	19.79	19.70	21	3
5	64QAM	12	7	19.85	19.92	19.78		
5	64QAM	12	13	19.56	19.58	19.49		
5	64QAM	25	0	19.71	19.64	19.68		
5	256QAM	1	0	17.67	17.64	17.65	19	5
5	256QAM	1	12	17.74	17.91	17.77		
5	256QAM	1	24	17.52	17.59	17.50		
5	256QAM	12	0	17.91	17.76	17.81	19	5
5	256QAM	12	7	17.73	17.71	17.70		
5	256QAM	12	13	17.84	17.68	17.84		
5	256QAM	25	0	17.38	17.40	17.25		

Band 17 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.78	22.70	24	0
10	QPSK	1	25	22.65	22.67	22.66		
10	QPSK	1	49	22.67	22.61	22.69		
10	QPSK	25	0	21.76	21.87	21.73	23	1
10	QPSK	25	12	21.74	21.71	21.72		
10	QPSK	25	25	21.71	21.67	21.64		
10	QPSK	50	0	21.70	21.75	21.61		
10	16QAM	1	0	21.59	21.70	21.54	23	1
10	16QAM	1	25	21.64	21.49	21.53		
10	16QAM	1	49	21.58	21.54	21.51		
10	16QAM	25	0	20.79	20.96	20.64	22	2
10	16QAM	25	12	20.69	20.75	20.72		
10	16QAM	25	25	20.78	20.59	20.70		
10	16QAM	50	0	20.62	20.83	20.69		
10	64QAM	1	0	20.56	20.70	20.61	22	2
10	64QAM	1	25	20.63	20.43	20.58		
10	64QAM	1	49	20.64	20.50	20.55		
10	64QAM	25	0	19.78	19.83	19.78	21	3
10	64QAM	25	12	19.73	19.70	19.74		
10	64QAM	25	25	19.65	19.59	19.61		
10	64QAM	50	0	19.73	19.66	19.60		
10	256QAM	1	0	17.71	17.88	17.76	19	5
10	256QAM	1	25	17.77	17.72	17.70		
10	256QAM	1	49	17.65	17.68	17.58		
10	256QAM	25	0	17.73	17.75	17.53	19	5
10	256QAM	25	12	17.51	17.74	17.48		
10	256QAM	25	25	17.58	17.55	17.57		
10	256QAM	50	0	17.61	17.63	17.59		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.60	22.57	22.58	24	0
5	QPSK	1	12	22.51	22.62	22.58		
5	QPSK	1	24	22.59	22.57	22.62		
5	QPSK	12	0	21.63	21.82	21.56	23	1
5	QPSK	12	7	21.68	21.65	21.63		
5	QPSK	12	13	21.62	21.56	21.47		
5	QPSK	25	0	21.55	21.63	21.50		
5	16QAM	1	0	21.41	21.52	21.48	23	1
5	16QAM	1	12	21.48	21.39	21.49		
5	16QAM	1	24	21.54	21.36	21.35		
5	16QAM	12	0	20.68	20.82	20.46	22	2
5	16QAM	12	7	20.60	20.62	20.60		
5	16QAM	12	13	20.63	20.41	20.53		
5	16QAM	25	0	20.43	20.62	20.48		
5	64QAM	1	0	20.40	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.32	20.38		
5	64QAM	1	24	20.59	20.40	20.36		
5	64QAM	12	0	19.59	19.77	19.67	21	3
5	64QAM	12	7	19.64	19.57	19.69		
5	64QAM	12	13	19.49	19.48	19.49		
5	64QAM	25	0	19.64	19.46	19.43		
5	256QAM	1	0	17.53	17.69	17.67	19	5
5	256QAM	1	12	17.71	17.54	17.55		
5	256QAM	1	24	17.44	17.61	17.38		
5	256QAM	12	0	17.64	17.61	17.34	19	5
5	256QAM	12	7	17.41	17.67	17.37		
5	256QAM	12	13	17.44	17.51	17.41		
5	256QAM	25	0	17.54	17.54	17.41		

Band 25 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.95	20.00	19.94	21.1	0
20	QPSK	1	49	19.92	19.89	19.87		
20	QPSK	1	99	19.85	19.91	19.89		
20	QPSK	50	0	19.84	19.96	19.80	21.1	0
20	QPSK	50	24	19.67	19.77	19.72		
20	QPSK	50	50	19.75	19.79	19.84		
20	QPSK	100	0	19.81	19.93	19.80		
20	16QAM	1	0	19.92	19.90	19.90	21.1	0
20	16QAM	1	49	19.67	19.74	19.82		
20	16QAM	1	99	19.75	19.84	19.79		
20	16QAM	50	0	19.75	19.83	19.79	21.1	0
20	16QAM	50	24	19.59	19.65	19.70		
20	16QAM	50	50	19.67	19.77	19.67		
20	16QAM	100	0	19.62	19.81	19.64		
20	64QAM	1	0	19.53	19.62	19.48	21.1	0
20	64QAM	1	49	19.59	19.64	19.71		
20	64QAM	1	99	19.67	19.70	19.60		
20	64QAM	50	0	19.55	19.60	19.50	21	0.1
20	64QAM	50	24	19.39	19.48	19.48		
20	64QAM	50	50	19.46	19.46	19.44		
20	64QAM	100	0	19.50	19.59	19.43		
20	256QAM	1	0	17.81	17.84	17.90	19	2.1
20	256QAM	1	49	17.68	17.79	17.82		
20	256QAM	1	99	17.69	17.83	17.82		
20	256QAM	50	0	17.75	17.90	17.70	19	2.1
20	256QAM	50	24	17.57	17.67	17.63		
20	256QAM	50	50	17.64	17.75	17.79		
20	256QAM	100	0	17.65	17.79	17.67		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.80	19.92	19.88	21.1	0
15	QPSK	1	37	19.67	19.84	19.73		
15	QPSK	1	74	19.79	19.82	19.84		
15	QPSK	36	0	19.75	19.92	19.70	21.1	0
15	QPSK	36	20	19.57	19.72	19.59		
15	QPSK	36	39	19.67	19.68	19.80		
15	QPSK	75	0	19.70	19.80	19.73		
15	16QAM	1	0	19.85	19.81	19.84	21.1	0
15	16QAM	1	37	19.55	19.60	19.79		
15	16QAM	1	74	19.68	19.75	19.67		
15	16QAM	36	0	19.72	19.79	19.74	21.1	0
15	16QAM	36	20	19.50	19.50	19.57		
15	16QAM	36	39	19.61	19.71	19.64		
15	16QAM	75	0	19.52	19.74	19.56		
15	64QAM	1	0	19.50	19.58	19.36	21.1	0
15	64QAM	1	37	19.46	19.53	19.59		
15	64QAM	1	74	19.53	19.57	19.53		
15	64QAM	36	0	19.52	19.54	19.38	21	0.1
15	64QAM	36	20	19.24	19.38	19.41		
15	64QAM	36	39	19.39	19.40	19.38		
15	64QAM	75	0	19.38	19.46	19.30		
15	256QAM	1	0	17.71	17.74	17.80	19	2.1
15	256QAM	1	37	17.61	17.69	17.79		
15	256QAM	1	74	17.64	17.77	17.76		
15	256QAM	36	0	17.68	17.82	17.67	19	2.1
15	256QAM	36	20	17.53	17.53	17.50		
15	256QAM	36	39	17.57	17.67	17.69		
15	256QAM	75	0	17.58	17.70	17.53		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.88	19.87	19.85	21.1	0
10	QPSK	1	25	19.73	19.77	19.81		
10	QPSK	1	49	19.75	19.76	19.84		
10	QPSK	25	0	19.81	19.82	19.71	21.1	0
10	QPSK	25	12	19.61	19.68	19.66		
10	QPSK	25	25	19.62	19.70	19.74		
10	QPSK	50	0	19.71	19.83	19.71		
10	16QAM	1	0	19.79	19.76	19.85	21.1	0
10	16QAM	1	25	19.53	19.65	19.74		
10	16QAM	1	49	19.60	19.79	19.74		
10	16QAM	25	0	19.68	19.72	19.68	21.1	0
10	16QAM	25	12	19.53	19.62	19.56		
10	16QAM	25	25	19.54	19.72	19.59		
10	16QAM	50	0	19.52	19.72	19.51		
10	64QAM	1	0	19.45	19.59	19.39	21.1	0
10	64QAM	1	25	19.49	19.56	19.65		
10	64QAM	1	49	19.59	19.64	19.55		
10	64QAM	25	0	19.44	19.46	19.38	21	0.1
10	64QAM	25	12	19.34	19.38	19.37		
10	64QAM	25	25	19.41	19.38	19.37		
10	64QAM	50	0	19.44	19.48	19.29		
10	256QAM	1	0	17.71	17.73	17.81	19	2.1
10	256QAM	1	25	17.62	17.67	17.74		
10	256QAM	1	49	17.56	17.71	17.77		
10	256QAM	25	0	17.65	17.84	17.67	19	2.1
10	256QAM	25	12	17.46	17.56	17.51		
10	256QAM	25	25	17.59	17.65	17.66		
10	256QAM	50	0	17.58	17.66	17.54		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.85	19.93	19.81	21.1	0
5	QPSK	1	12	19.67	19.76	19.79		
5	QPSK	1	24	19.81	19.81	19.86		
5	QPSK	12	0	19.80	19.88	19.70	21.1	0
5	QPSK	12	7	19.58	19.69	19.65		
5	QPSK	12	13	19.65	19.73	19.69		
5	QPSK	25	0	19.73	19.88	19.72		
5	16QAM	1	0	19.78	19.81	19.85	21.1	0
5	16QAM	1	12	19.53	19.71	19.68		
5	16QAM	1	24	19.70	19.76	19.72		
5	16QAM	12	0	19.63	19.71	19.72	21.1	0
5	16QAM	12	7	19.54	19.57	19.58		
5	16QAM	12	13	19.53	19.63	19.59		
5	16QAM	25	0	19.55	19.69	19.50		
5	64QAM	1	0	19.39	19.50	19.41	21.1	0
5	64QAM	1	12	19.46	19.60	19.66		
5	64QAM	1	24	19.60	19.58	19.49		
5	64QAM	12	0	19.50	19.57	19.43	21	0.1
5	64QAM	12	7	19.24	19.41	19.45		
5	64QAM	12	13	19.42	19.43	19.31		
5	64QAM	25	0	19.43	19.52	19.36		
5	256QAM	1	0	17.74	17.74	17.79	19	2.1
5	256QAM	1	12	17.55	17.67	17.78		
5	256QAM	1	24	17.60	17.76	17.75		
5	256QAM	12	0	17.71	17.82	17.66	19	2.1
5	256QAM	12	7	17.45	17.58	17.58		
5	256QAM	12	13	17.60	17.65	17.67		
5	256QAM	25	0	17.62	17.65	17.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.84	19.94	19.85	21.1	0
3	QPSK	1	8	19.77	19.83	19.77		
3	QPSK	1	14	19.73	19.82	19.81		
3	QPSK	8	0	19.71	19.92	19.67	21.1	0
3	QPSK	8	4	19.61	19.73	19.58		
3	QPSK	8	7	19.61	19.67	19.71		
3	QPSK	15	0	19.71	19.89	19.68		
3	16QAM	1	0	19.86	19.80	19.79	21.1	0
3	16QAM	1	8	19.55	19.64	19.71		
3	16QAM	1	14	19.65	19.74	19.74		
3	16QAM	8	0	19.62	19.75	19.70	21.1	0
3	16QAM	8	4	19.45	19.54	19.66		
3	16QAM	8	7	19.61	19.71	19.52		
3	16QAM	15	0	19.58	19.69	19.55		
3	64QAM	1	0	19.46	19.50	19.36	21.1	0
3	64QAM	1	8	19.55	19.55	19.66		
3	64QAM	1	14	19.53	19.55	19.57		
3	64QAM	8	0	19.51	19.51	19.41	21	0.1
3	64QAM	8	4	19.27	19.43	19.35		
3	64QAM	8	7	19.40	19.36	19.33		
3	64QAM	15	0	19.45	19.50	19.38		
3	256QAM	1	0	17.70	17.81	17.79	19	2.1
3	256QAM	1	8	17.62	17.65	17.77		
3	256QAM	1	14	17.56	17.78	17.73		
3	256QAM	8	0	17.63	17.79	17.82	19	2.1
3	256QAM	8	4	17.44	17.58	17.56		
3	256QAM	8	7	17.59	17.70	17.64		
3	256QAM	15	0	17.52	17.75	17.58		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.80	19.87	19.81	21.1	0
1.4	QPSK	1	3	19.74	19.82	19.77		
1.4	QPSK	1	5	19.78	19.85	19.83		
1.4	QPSK	3	0	19.76	19.92	19.66		
1.4	QPSK	3	1	19.56	19.69	19.61		
1.4	QPSK	3	3	19.71	19.69	19.73		
1.4	QPSK	6	0	19.68	19.81	19.68	21.1	0
1.4	16QAM	1	0	19.89	19.86	19.86	21.1	0
1.4	16QAM	1	3	19.60	19.71	19.79		
1.4	16QAM	1	5	19.64	19.74	19.71		
1.4	16QAM	3	0	19.61	19.75	19.70		
1.4	16QAM	3	1	19.48	19.61	19.58		
1.4	16QAM	3	3	19.54	19.64	19.62		
1.4	16QAM	6	0	19.47	19.72	19.52	21.1	0
1.4	64QAM	1	0	19.41	19.58	19.45	21.1	0
1.4	64QAM	1	3	19.54	19.60	19.64		
1.4	64QAM	1	5	19.54	19.58	19.47		
1.4	64QAM	3	0	19.37	19.48	19.38		
1.4	64QAM	3	1	19.50	19.49	19.51		
1.4	64QAM	3	3	19.49	19.49	19.37		
1.4	64QAM	6	0	19.39	19.49	19.37	21	0.1
1.4	256QAM	1	0	17.77	17.80	17.81	19	2.1
1.4	256QAM	1	3	17.65	17.74	17.75		
1.4	256QAM	1	5	17.54	17.74	17.73		
1.4	256QAM	3	0	17.68	17.86	17.57		
1.4	256QAM	3	1	17.46	17.54	17.55		
1.4	256QAM	3	3	17.54	17.68	17.72		
1.4	256QAM	6	0	17.52	17.74	17.60	19	2.1

Band 26 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.20	23.25	23.19	24	0
15	QPSK	1	37	23.09	23.23	23.10		
15	QPSK	1	74	23.09	23.14	23.12		
15	QPSK	36	0	22.15	22.32	22.23	23	1
15	QPSK	36	20	22.11	22.27	22.17		
15	QPSK	36	39	22.15	22.14	22.13		
15	QPSK	75	0	22.16	22.20	22.15		
15	16QAM	1	0	22.02	22.12	22.13	23	1
15	16QAM	1	37	21.87	22.16	22.00		
15	16QAM	1	74	22.08	21.91	21.94		
15	16QAM	36	0	21.10	21.30	21.26	22	2
15	16QAM	36	20	21.07	21.26	21.21		
15	16QAM	36	39	21.12	21.11	21.21		
15	16QAM	75	0	21.10	21.17	21.16		
15	64QAM	1	0	21.03	21.08	21.17	22	2
15	64QAM	1	37	20.82	21.21	20.95		
15	64QAM	1	74	21.12	20.83	20.88		
15	64QAM	36	0	20.18	20.38	20.17	21	3
15	64QAM	36	20	20.18	20.29	20.17		
15	64QAM	36	39	20.21	20.16	20.08		
15	64QAM	75	0	20.19	20.12	20.11		
15	256QAM	1	0	18.20	18.31	18.26	19	5
15	256QAM	1	37	18.08	18.26	18.18		
15	256QAM	1	74	18.08	18.10	18.07		
15	256QAM	36	0	18.17	18.22	18.12	19	5
15	256QAM	36	20	18.04	18.13	18.10		
15	256QAM	36	39	17.93	18.02	17.92		
15	256QAM	75	0	18.15	17.93	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.04	23.10	23.09	24	0
10	QPSK	1	25	22.89	23.11	23.01		
10	QPSK	1	49	23.04	23.00	22.98		
10	QPSK	25	0	21.97	22.21	22.10	23	1
10	QPSK	25	12	22.06	22.12	21.97		
10	QPSK	25	25	22.03	22.03	22.09		
10	QPSK	50	0	22.09	22.05	22.08		
10	16QAM	1	0	21.89	22.07	21.93	23	1
10	16QAM	1	25	21.72	21.95	21.83		
10	16QAM	1	49	21.90	21.79	21.88		
10	16QAM	25	0	21.00	21.10	21.06	22	2
10	16QAM	25	12	20.94	21.21	21.14		
10	16QAM	25	25	21.04	21.06	21.01		
10	16QAM	50	0	21.01	21.14	21.05		
10	64QAM	1	0	20.83	21.04	21.10	22	2
10	64QAM	1	25	20.68	21.10	20.77		
10	64QAM	1	49	21.04	20.68	20.75		
10	64QAM	25	0	20.09	20.19	19.99	21	3
10	64QAM	25	12	20.13	20.11	19.98		
10	64QAM	25	25	20.13	19.97	19.93		
10	64QAM	50	0	20.04	19.91	20.00		
10	256QAM	1	0	18.00	18.11	18.18	19	5
10	256QAM	1	25	17.93	18.05	18.11		
10	256QAM	1	49	17.93	17.94	17.98		
10	256QAM	25	0	18.11	18.17	18.08	19	5
10	256QAM	25	12	17.99	17.93	17.99		
10	256QAM	25	25	17.73	18.03	17.77		
10	256QAM	50	0	18.00	17.73	17.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.19	23.07	24	0
5	QPSK	1	12	23.05	23.17	23.03		
5	QPSK	1	24	22.98	22.99	23.05		
5	QPSK	12	0	21.95	22.11	22.02	23	1
5	QPSK	12	7	21.93	22.21	21.96		
5	QPSK	12	13	21.98	22.04	21.99		
5	QPSK	25	0	22.01	22.10	21.96		
5	16QAM	1	0	21.85	21.94	21.98	23	1
5	16QAM	1	12	21.76	22.10	21.94		
5	16QAM	1	24	21.90	21.75	21.73		
5	16QAM	12	0	20.94	21.23	21.22	22	2
5	16QAM	12	7	20.92	21.17	21.11		
5	16QAM	12	13	21.08	20.90	21.05		
5	16QAM	25	0	20.92	20.99	20.99		
5	64QAM	1	0	20.89	20.90	21.12	22	2
5	64QAM	1	12	20.74	21.10	20.89		
5	64QAM	1	24	20.95	20.71	20.76		
5	64QAM	12	0	20.09	20.32	19.98	21	3
5	64QAM	12	7	20.02	20.10	19.97		
5	64QAM	12	13	20.05	19.99	20.00		
5	64QAM	25	0	20.12	20.07	19.96		
5	256QAM	1	0	18.12	18.17	18.14	19	5
5	256QAM	1	12	18.03	18.09	18.01		
5	256QAM	1	24	18.02	17.99	17.98		
5	256QAM	12	0	18.13	18.16	18.03	19	5
5	256QAM	12	7	17.93	18.08	17.92		
5	256QAM	12	13	17.80	18.13	17.73		
5	256QAM	25	0	18.07	17.75	17.89		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.14	23.09	23.07	24	0
3	QPSK	1	8	22.90	23.11	22.89		
3	QPSK	1	14	22.93	23.03	23.04		
3	QPSK	8	0	22.03	22.17	22.12	23	1
3	QPSK	8	4	21.94	22.22	22.04		
3	QPSK	8	7	21.99	22.05	21.97		
3	QPSK	15	0	22.10	22.14	22.05		
3	16QAM	1	0	21.92	22.07	21.96	23	1
3	16QAM	1	8	21.71	22.01	21.85		
3	16QAM	1	14	21.93	21.75	21.86		
3	16QAM	8	0	20.95	21.20	21.19	22	2
3	16QAM	8	4	20.95	21.20	21.04		
3	16QAM	8	7	20.98	21.05	21.13		
3	16QAM	15	0	20.97	21.09	21.05		
3	64QAM	1	0	20.85	21.01	21.00	22	2
3	64QAM	1	8	20.69	21.02	20.74		
3	64QAM	1	14	21.02	20.73	20.78		
3	64QAM	8	0	20.07	20.21	20.06	21	3
3	64QAM	8	4	20.13	20.23	20.06		
3	64QAM	8	7	20.16	20.10	20.01		
3	64QAM	15	0	20.06	19.96	19.99		
3	256QAM	1	0	18.15	18.12	18.17	19	5
3	256QAM	1	8	18.03	18.07	18.08		
3	256QAM	1	14	17.93	17.92	17.89		
3	256QAM	8	0	18.13	18.18	17.92	19	5
3	256QAM	8	4	17.95	17.97	18.01		
3	256QAM	8	7	17.76	18.08	17.77		
3	256QAM	15	0	17.98	17.85	17.78		
Channel				26677	26865	27053	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.05	23.16	23.16	24	0
1.4	QPSK	1	3	23.00	23.18	22.96		
1.4	QPSK	1	5	22.97	23.03	23.07		
1.4	QPSK	3	0	22.96	23.00	23.02		
1.4	QPSK	3	1	22.84	23.14	22.80		
1.4	QPSK	3	3	22.77	22.98	22.97		
1.4	QPSK	6	0	22.11	22.02	21.95	23	1
1.4	16QAM	1	0	21.99	21.92	22.02	23	1
1.4	16QAM	1	3	21.83	22.01	21.90		
1.4	16QAM	1	5	21.88	21.87	21.90		
1.4	16QAM	3	0	21.92	21.73	21.93		
1.4	16QAM	3	1	21.77	21.90	21.81		
1.4	16QAM	3	3	21.76	21.75	21.73		
1.4	16QAM	6	0	21.05	21.07	20.97	22	2
1.4	64QAM	1	0	20.90	20.91	21.01	22	2
1.4	64QAM	1	3	20.91	21.17	20.86		
1.4	64QAM	1	5	21.00	20.71	20.83		
1.4	64QAM	3	0	20.82	20.79	20.81		
1.4	64QAM	3	1	20.87	21.05	20.78		
1.4	64QAM	3	3	20.87	20.84	20.70		
1.4	64QAM	6	0	20.07	20.05	19.93	21	3
1.4	256QAM	1	0	18.00	18.11	18.08	19	5
1.4	256QAM	1	3	17.95	18.07	17.99		
1.4	256QAM	1	5	17.94	17.98	17.98		
1.4	256QAM	3	0	18.11	18.04	18.02		
1.4	256QAM	3	1	17.92	17.93	18.00		
1.4	256QAM	3	3	17.86	18.07	17.83		
1.4	256QAM	6	0	18.10	17.74	17.78	19	5

Band 66 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.92	19.00	18.96	20.1	0
20	QPSK	1	49	18.86	18.96	18.86		
20	QPSK	1	99	18.85	18.85	18.87		
20	QPSK	50	0	18.81	18.91	18.84	20.1	0
20	QPSK	50	24	18.79	18.85	18.78		
20	QPSK	50	50	18.78	18.77	18.73		
20	QPSK	100	0	18.87	18.89	18.81		
20	16QAM	1	0	18.84	18.85	18.85	20.1	0
20	16QAM	1	49	18.77	18.88	18.82		
20	16QAM	1	99	18.80	18.72	18.77		
20	16QAM	50	0	18.77	18.82	18.73	20.1	0
20	16QAM	50	24	18.66	18.75	18.72		
20	16QAM	50	50	18.66	18.72	18.66		
20	16QAM	100	0	18.73	18.75	18.75		
20	64QAM	1	0	18.88	18.95	18.92	20.1	0
20	64QAM	1	49	18.74	18.82	18.82		
20	64QAM	1	99	18.77	18.73	18.80		
20	64QAM	50	0	18.70	18.84	18.80	20.1	0
20	64QAM	50	24	18.63	18.78	18.67		
20	64QAM	50	50	18.71	18.67	18.67		
20	64QAM	100	0	18.65	18.71	18.66		
20	256QAM	1	0	17.79	17.92	17.83	19	1.1
20	256QAM	1	49	17.78	17.85	17.76		
20	256QAM	1	99	17.72	17.77	17.81		
20	256QAM	50	0	17.74	17.76	17.70	19	1.1
20	256QAM	50	24	17.64	17.77	17.66		
20	256QAM	50	50	17.73	17.63	17.58		
20	256QAM	100	0	17.80	17.80	17.74		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.80	18.89	18.92	20.1	0
15	QPSK	1	37	18.80	18.88	18.74		
15	QPSK	1	74	18.74	18.81	18.75		
15	QPSK	36	0	18.88	18.86	18.86	20.1	0
15	QPSK	36	20	18.72	18.92	18.79		
15	QPSK	36	39	18.70	18.75	18.78		
15	QPSK	75	0	18.88	18.91	18.91		
15	16QAM	1	0	18.72	18.83	18.79	20.1	0
15	16QAM	1	37	18.73	18.73	18.75		
15	16QAM	1	74	18.87	18.89	18.88		
15	16QAM	36	0	18.79	18.88	18.78	20.1	0
15	16QAM	36	20	18.77	18.82	18.80		
15	16QAM	36	39	18.78	18.86	18.82		
15	16QAM	75	0	18.81	18.82	18.76		
15	64QAM	1	0	18.71	18.70	18.80	20.1	0
15	64QAM	1	37	18.84	18.93	18.88		
15	64QAM	1	74	18.77	18.84	18.81		
15	64QAM	36	0	18.76	18.82	18.81	20.1	0
15	64QAM	36	20	18.81	18.96	18.91		
15	64QAM	36	39	18.72	18.86	18.78		
15	64QAM	75	0	18.71	18.74	18.78		
15	256QAM	1	0	17.66	17.87	17.74	19	1.1
15	256QAM	1	37	17.68	17.81	17.63		
15	256QAM	1	74	17.67	17.65	17.72		
15	256QAM	36	0	17.66	17.64	17.65	19	1.1
15	256QAM	36	20	17.50	17.73	17.56		
15	256QAM	36	39	17.62	17.53	17.46		
15	256QAM	75	0	17.66	17.73	17.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.83	18.97	18.92	20.1	0
10	QPSK	1	25	18.81	18.88	18.83		
10	QPSK	1	49	18.72	18.81	18.80		
10	QPSK	25	0	18.80	18.90	18.94	20.1	0
10	QPSK	25	12	18.77	18.92	18.75		
10	QPSK	25	25	18.73	18.77	18.83		
10	QPSK	50	0	18.82	18.92	18.83		
10	16QAM	1	0	18.75	18.91	18.76	20.1	0
10	16QAM	1	25	18.80	18.79	18.78		
10	16QAM	1	49	18.79	18.96	18.81		
10	16QAM	25	0	18.79	18.93	18.78	20.1	0
10	16QAM	25	12	18.70	18.71	18.73		
10	16QAM	25	25	18.86	18.86	18.88		
10	16QAM	50	0	18.76	18.87	18.77		
10	64QAM	1	0	18.78	18.70	18.73	20.1	0
10	64QAM	1	25	18.79	18.91	18.88		
10	64QAM	1	49	18.76	18.90	18.80		
10	64QAM	25	0	18.81	18.77	18.76	20.1	0
10	64QAM	25	12	18.87	18.90	18.81		
10	64QAM	25	25	18.77	18.92	18.81		
10	64QAM	50	0	18.78	18.77	18.83		
10	256QAM	1	0	17.75	17.85	17.72	19	1.1
10	256QAM	1	25	17.66	17.70	17.67		
10	256QAM	1	49	17.68	17.69	17.73		
10	256QAM	25	0	17.67	17.70	17.64	19	1.1
10	256QAM	25	12	17.61	17.72	17.54		
10	256QAM	25	25	17.59	17.54	17.48		
10	256QAM	50	0	17.75	17.77	17.70		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.88	18.88	18.83	20.1	0
5	QPSK	1	12	18.72	18.83	18.82		
5	QPSK	1	24	18.76	18.73	18.79		
5	QPSK	12	0	18.80	18.93	18.92	20.1	0
5	QPSK	12	7	18.75	18.86	18.77		
5	QPSK	12	13	18.76	18.81	18.82		
5	QPSK	25	0	18.80	18.94	18.87		
5	16QAM	1	0	18.81	18.85	18.83	20.1	0
5	16QAM	1	12	18.73	18.74	18.80		
5	16QAM	1	24	18.78	18.85	18.84		
5	16QAM	12	0	18.73	18.81	18.75	20.1	0
5	16QAM	12	7	18.77	18.82	18.83		
5	16QAM	12	13	18.84	18.87	18.88		
5	16QAM	25	0	18.76	18.90	18.73		
5	64QAM	1	0	18.78	18.73	18.75	20.1	0
5	64QAM	1	12	18.78	18.92	18.87		
5	64QAM	1	24	18.76	18.91	18.79		
5	64QAM	12	0	18.76	18.72	18.73	20.1	0
5	64QAM	12	7	18.78	18.90	18.92		
5	64QAM	12	13	18.76	18.90	18.81		
5	64QAM	25	0	18.81	18.77	18.76		
5	256QAM	1	0	17.65	17.88	17.79	19	1.1
5	256QAM	1	12	17.72	17.77	17.66		
5	256QAM	1	24	17.61	17.64	17.67		
5	256QAM	12	0	17.67	17.83	17.56	19	1.1
5	256QAM	12	7	17.56	17.71	17.61		
5	256QAM	12	13	17.60	17.56	17.49		
5	256QAM	25	0	17.69	17.65	17.68		
Channel				131867	132322	132797	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.88	18.97	18.89	20.1	0
3	QPSK	1	8	18.81	18.84	18.81		
3	QPSK	1	14	18.75	18.72	18.74		
3	QPSK	8	0	18.81	18.93	18.88	20.1	0
3	QPSK	8	4	18.81	18.83	18.74		
3	QPSK	8	7	18.80	18.76	18.76		
3	QPSK	15	0	18.78	18.96	18.89		
3	16QAM	1	0	18.77	18.85	18.80	20.1	0
3	16QAM	1	8	18.81	18.72	18.82		
3	16QAM	1	14	18.79	18.85	18.89		
3	16QAM	8	0	18.79	18.88	18.81	20.1	0
3	16QAM	8	4	18.75	18.92	18.72		
3	16QAM	8	7	18.85	18.95	18.90		
3	16QAM	15	0	18.74	18.81	18.80		
3	64QAM	1	0	18.76	18.71	18.77	20.1	0
3	64QAM	1	8	18.86	18.87	18.89		
3	64QAM	1	14	18.73	18.90	18.73		
3	64QAM	8	0	18.76	18.73	18.73	20.1	0
3	64QAM	8	4	18.84	18.96	18.87		
3	64QAM	8	7	18.81	18.85	18.75		
3	64QAM	15	0	18.74	18.72	18.77		
3	256QAM	1	0	17.67	17.82	17.76	19	1.1
3	256QAM	1	8	17.71	17.74	17.64		
3	256QAM	1	14	17.60	17.70	17.75		
3	256QAM	8	0	17.67	17.67	17.65	19	1.1
3	256QAM	8	4	17.58	17.67	17.60		
3	256QAM	8	7	17.68	17.51	17.45		
3	256QAM	15	0	17.70	17.73	17.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.80	18.96	18.85	20.1	0
1.4	QPSK	1	3	18.82	18.81	18.72		
1.4	QPSK	1	5	18.81	18.78	18.73		
1.4	QPSK	3	0	18.87	18.87	18.84		
1.4	QPSK	3	1	18.79	18.88	18.76		
1.4	QPSK	3	3	18.79	18.73	18.73		
1.4	QPSK	6	0	18.80	18.96	18.87	20.1	0
1.4	16QAM	1	0	18.81	18.92	18.71	20.1	0
1.4	16QAM	1	3	18.77	18.74	18.81		
1.4	16QAM	1	5	18.89	18.94	18.83		
1.4	16QAM	3	0	18.77	18.87	18.79		
1.4	16QAM	3	1	18.73	18.74	18.76		
1.4	16QAM	3	3	18.82	18.89	18.83		
1.4	16QAM	6	0	18.71	18.84	18.74	20.1	0
1.4	64QAM	1	0	18.72	18.71	18.74	20.1	0
1.4	64QAM	1	3	18.81	18.96	18.89		
1.4	64QAM	1	5	18.76	18.89	18.81		
1.4	64QAM	3	0	18.79	18.95	18.85		
1.4	64QAM	3	1	18.78	18.86	18.82		
1.4	64QAM	3	3	18.75	18.76	18.77		
1.4	64QAM	6	0	18.61	18.59	18.55	20.1	0
1.4	256QAM	1	0	17.75	17.81	17.71	18	2.1
1.4	256QAM	1	3	17.75	17.80	17.64		
1.4	256QAM	1	5	17.68	17.68	17.77		
1.4	256QAM	3	0	17.64	17.70	17.66		
1.4	256QAM	3	1	17.51	17.68	17.53		
1.4	256QAM	3	3	17.65	17.49	17.48		
1.4	256QAM	6	0	17.70	17.68	17.63	18	2.1

Band 7 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.28	20.30	20.25	21.4	0
20	QPSK	1	49	20.22	20.18	20.21		
20	QPSK	1	99	20.20	20.27	20.19		
20	QPSK	50	0	20.24	20.19	20.10	21.4	0
20	QPSK	50	24	20.08	20.04	20.17		
20	QPSK	50	50	20.11	20.12	20.15		
20	QPSK	100	0	20.14	20.19	20.12		
20	16QAM	1	0	20.22	20.20	20.16	21.4	0
20	16QAM	1	49	20.18	20.14	20.12		
20	16QAM	1	99	20.16	20.14	20.13		
20	16QAM	50	0	20.20	20.11	19.99	21.4	0
20	16QAM	50	24	20.02	19.98	20.10		
20	16QAM	50	50	20.07	19.97	20.10		
20	16QAM	100	0	20.02	20.05	19.97		
20	64QAM	1	0	20.24	20.21	20.17	21.4	0
20	64QAM	1	49	20.12	20.13	20.11		
20	64QAM	1	99	20.08	20.21	20.12		
20	64QAM	50	0	19.94	19.92	19.87	21	0.4
20	64QAM	50	24	19.83	19.77	19.81		
20	64QAM	50	50	19.79	19.90	19.81		
20	64QAM	100	0	19.79	19.83	19.72		
20	256QAM	1	0	17.90	17.87	17.88	19	2.4
20	256QAM	1	49	17.77	17.75	17.82		
20	256QAM	1	99	17.85	17.86	17.73		
20	256QAM	50	0	17.89	17.76	17.74	19	2.4
20	256QAM	50	24	17.71	17.61	17.81		
20	256QAM	50	50	17.67	17.76	17.78		
20	256QAM	100	0	17.72	17.85	17.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.13	20.25	20.17	21.4	0
15	QPSK	1	37	20.14	20.03	20.09		
15	QPSK	1	74	20.13	20.15	20.12		
15	QPSK	36	0	20.14	20.12	20.01	21.4	0
15	QPSK	36	20	20.04	19.97	20.05		
15	QPSK	36	39	20.04	20.07	20.09		
15	QPSK	75	0	20.03	20.10	20.02		
15	16QAM	1	0	20.14	20.09	20.01	21.4	0
15	16QAM	1	37	20.14	20.00	20.07		
15	16QAM	1	74	20.05	20.00	19.98		
15	16QAM	36	0	20.07	19.99	19.84	21.4	0
15	16QAM	36	20	19.93	19.85	20.03		
15	16QAM	36	39	19.96	19.87	20.04		
15	16QAM	75	0	19.97	20.01	19.82		
15	64QAM	1	0	20.11	20.07	20.09	21.4	0
15	64QAM	1	37	20.02	20.08	20.00		
15	64QAM	1	74	19.97	20.12	20.03		
15	64QAM	36	0	19.84	19.83	19.76	21	0.4
15	64QAM	36	20	19.70	19.71	19.66		
15	64QAM	36	39	19.74	19.82	19.70		
15	64QAM	75	0	19.66	19.70	19.64		
15	256QAM	1	0	17.76	17.76	17.77	19	2.4
15	256QAM	1	37	17.72	17.64	17.68		
15	256QAM	1	74	17.78	17.78	17.59		
15	256QAM	36	0	17.74	17.66	17.67	19	2.4
15	256QAM	36	20	17.57	17.47	17.73		
15	256QAM	36	39	17.52	17.64	17.65		
15	256QAM	75	0	17.65	17.76	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.13	20.22	20.22	21.4	0
10	QPSK	1	25	20.15	20.05	20.17		
10	QPSK	1	49	20.08	20.17	20.08		
10	QPSK	25	0	20.16	20.09	19.98	21.4	0
10	QPSK	25	12	19.93	19.93	20.03		
10	QPSK	25	25	19.99	20.06	20.09		
10	QPSK	50	0	20.06	20.13	20.00	21.4	0
10	16QAM	1	0	20.10	20.13	20.07		
10	16QAM	1	25	20.12	20.02	19.98		
10	16QAM	1	49	20.06	19.99	20.02		
10	16QAM	25	0	20.08	19.96	19.83	21.4	0
10	16QAM	25	12	19.87	19.86	20.00		
10	16QAM	25	25	19.98	19.87	19.96		
10	16QAM	50	0	19.97	19.90	19.87		
10	64QAM	1	0	20.16	20.08	20.06	21.4	0
10	64QAM	1	25	20.00	19.98	20.03		
10	64QAM	1	49	19.94	20.12	20.04		
10	64QAM	25	0	19.78	19.82	19.73	21	0.4
10	64QAM	25	12	19.73	19.70	19.70		
10	64QAM	25	25	19.67	19.82	19.70		
10	64QAM	50	0	19.72	19.75	19.68		
10	256QAM	1	0	17.83	17.74	17.79	19	2.4
10	256QAM	1	25	17.69	17.64	17.72		
10	256QAM	1	49	17.79	17.75	17.68		
10	256QAM	25	0	17.73	17.72	17.81	19	2.4
10	256QAM	25	12	17.64	17.48	17.68		
10	256QAM	25	25	17.59	17.64	17.72		
10	256QAM	50	0	17.58	17.72	17.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.14	20.27	20.11	21.4	0
5	QPSK	1	12	20.12	20.12	20.10		
5	QPSK	1	24	20.05	20.17	20.14		
5	QPSK	12	0	20.17	20.12	20.07	21.4	0
5	QPSK	12	7	19.98	19.97	20.06		
5	QPSK	12	13	20.04	20.01	20.05		
5	QPSK	25	0	20.05	20.12	19.98		
5	16QAM	1	0	20.07	20.12	20.11	21.4	0
5	16QAM	1	12	20.03	20.03	20.01		
5	16QAM	1	24	20.12	20.06	20.04		
5	16QAM	12	0	20.10	20.07	19.92	21.4	0
5	16QAM	12	7	19.88	19.83	19.95		
5	16QAM	12	13	20.03	19.86	20.03		
5	16QAM	25	0	19.88	19.93	19.91		
5	64QAM	1	0	20.08	20.07	20.09	21.4	0
5	64QAM	1	12	20.03	20.07	19.98		
5	64QAM	1	24	20.01	20.10	20.03		
5	64QAM	12	0	19.79	19.77	19.78	21	0.4
5	64QAM	12	7	19.69	19.63	19.69		
5	64QAM	12	13	19.70	19.84	19.70		
5	64QAM	25	0	19.71	19.69	19.63		
5	256QAM	1	0	17.85	17.83	17.78	19	2.4
5	256QAM	1	12	17.69	17.60	17.72		
5	256QAM	1	24	17.69	17.80	17.85		
5	256QAM	12	0	17.78	17.65	17.69	19	2.4
5	256QAM	12	7	17.62	17.49	17.74		
5	256QAM	12	13	17.57	17.60	17.65		
5	256QAM	25	0	17.63	17.71	17.58		

Band 2 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.25	18.26	18.17	19.5	0
20	QPSK	1	49	18.20	18.24	18.14		
20	QPSK	1	99	18.09	18.13	18.10		
20	QPSK	50	0	18.15	18.23	18.13		
20	QPSK	50	24	17.99	18.10	18.06		
20	QPSK	50	50	18.06	18.07	18.02		
20	QPSK	100	0	18.08	18.12	18.11		
20	16QAM	1	0	18.17	18.23	18.17		
20	16QAM	1	49	18.15	18.13	18.02		
20	16QAM	1	99	18.04	17.96	18.05		
20	16QAM	50	0	17.98	18.04	18.01		
20	16QAM	50	24	17.92	17.99	17.95		
20	16QAM	50	50	17.96	17.99	17.93		
20	16QAM	100	0	18.00	18.05	17.96		
20	64QAM	1	0	18.16	18.20	18.07		
20	64QAM	1	49	18.09	18.08	17.95		
20	64QAM	1	99	18.05	18.03	18.01		
20	64QAM	50	0	18.07	18.19	18.09		
20	64QAM	50	24	17.88	18.00	17.92		
20	64QAM	50	50	18.03	17.84	18.01		
20	64QAM	100	0	17.95	18.02	17.96		
20	256QAM	1	0	16.19	16.25	16.23	17.5	2
20	256QAM	1	49	16.16	16.21	16.14		
20	256QAM	1	99	16.20	16.14	16.02		
20	256QAM	50	0	16.10	16.13	16.03		
20	256QAM	50	24	16.06	16.06	16.05		
20	256QAM	50	50	16.13	16.07	16.08		
20	256QAM	100	0	16.08	16.05	16.12		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.10	18.11	18.13	19.5	0
15	QPSK	1	37	18.15	18.11	18.10		
15	QPSK	1	74	17.95	17.99	18.00		
15	QPSK	36	0	18.01	18.10	18.08		
15	QPSK	36	20	17.85	18.03	17.95		
15	QPSK	36	39	17.91	17.93	17.95		
15	QPSK	75	0	18.00	18.07	17.97		
15	16QAM	1	0	18.06	18.14	18.11		
15	16QAM	1	37	18.08	18.08	17.97	19.5	0
15	16QAM	1	74	17.96	17.93	17.93		
15	16QAM	36	0	17.94	17.98	17.92		
15	16QAM	36	20	17.85	17.96	17.80	19.5	0
15	16QAM	36	39	17.82	17.89	17.84		
15	16QAM	75	0	17.86	17.95	17.85		
15	64QAM	1	0	18.06	18.15	18.02		
15	64QAM	1	37	18.05	18.00	17.83	19.5	0
15	64QAM	1	74	17.98	17.90	17.96		
15	64QAM	36	0	17.95	18.06	18.00		
15	64QAM	36	20	17.85	17.83	17.87	19.5	0
15	64QAM	36	39	17.98	17.69	17.94		
15	64QAM	75	0	17.92	17.98	17.92		
15	256QAM	1	0	16.05	16.21	16.10	17.5	2
15	256QAM	1	37	16.02	16.09	16.08		
15	256QAM	1	74	16.09	16.08	15.88		
15	256QAM	36	0	15.99	16.08	15.90		
15	256QAM	36	20	16.01	15.92	15.96		
15	256QAM	36	39	16.06	16.01	15.97		
15	256QAM	75	0	16.02	16.00	16.04		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.16	18.16	18.09	19.5	0
10	QPSK	1	25	18.06	18.14	18.01		
10	QPSK	1	49	17.96	18.06	18.00		
10	QPSK	25	0	18.12	18.16	18.01		
10	QPSK	25	12	17.90	18.03	17.99		
10	QPSK	25	25	17.94	18.03	17.92		
10	QPSK	50	0	17.97	18.05	18.04		
10	16QAM	1	0	18.10	18.08	18.12		
10	16QAM	1	25	18.07	18.02	17.90	19.5	0
10	16QAM	1	49	17.91	17.87	17.91		
10	16QAM	25	0	17.95	17.93	17.88		
10	16QAM	25	12	17.85	17.88	17.90		
10	16QAM	25	25	17.82	17.90	17.84		
10	16QAM	50	0	17.92	18.00	17.88		
10	64QAM	1	0	18.12	18.17	17.97		
10	64QAM	1	25	17.97	18.01	17.86	19.5	0
10	64QAM	1	49	17.91	17.95	17.90		
10	64QAM	25	0	18.03	18.13	18.00		
10	64QAM	25	12	17.81	18.00	17.88	19.5	0
10	64QAM	25	25	17.94	17.74	17.90		
10	64QAM	50	0	17.85	17.90	17.92		
10	256QAM	1	0	16.11	16.21	16.20	17.5	2
10	256QAM	1	25	16.11	16.13	16.04		
10	256QAM	1	49	16.05	16.03	15.91		
10	256QAM	25	0	15.97	16.03	15.95		
10	256QAM	25	12	15.86	16.02	16.00		
10	256QAM	25	25	15.99	16.02	16.01		
10	256QAM	50	0	16.00	15.90	15.97		
Channel				18525	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.13	18.16	18.13	19.5	0
5	QPSK	1	12	18.06	18.15	18.04		
5	QPSK	1	24	17.99	18.05	18.05		
5	QPSK	12	0	18.08	18.18	18.09		
5	QPSK	12	7	17.96	18.05	18.01		
5	QPSK	12	13	17.97	18.01	17.97		
5	QPSK	25	0	18.00	18.07	17.98		
5	16QAM	1	0	18.07	18.09	18.04		
5	16QAM	1	12	18.06	18.07	17.94	19.5	0
5	16QAM	1	24	17.91	17.90	17.96		
5	16QAM	12	0	17.93	17.93	17.89		
5	16QAM	12	7	17.87	17.92	17.91	19.5	0
5	16QAM	12	13	17.92	17.89	17.88		
5	16QAM	25	0	17.93	17.96	17.86		
5	64QAM	1	0	18.14	18.14	17.95		
5	64QAM	1	12	17.97	18.04	17.96	19.5	0
5	64QAM	1	24	18.01	17.92	17.95		
5	64QAM	12	0	17.97	18.15	17.99		
5	64QAM	12	7	17.82	17.93	17.78	19.5	0
5	64QAM	12	13	17.89	17.71	17.97		
5	64QAM	25	0	17.87	17.94	17.87		
5	256QAM	1	0	16.07	16.19	16.10	17.5	2
5	256QAM	1	12	16.06	16.08	16.01		
5	256QAM	1	24	16.08	16.09	15.96		
5	256QAM	12	0	15.99	15.99	15.97		
5	256QAM	12	7	15.98	15.93	16.01		
5	256QAM	12	13	16.01	15.92	15.98		
5	256QAM	25	0	16.04	16.01	16.00		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.22	18.16	18.08	19.5	0
3	QPSK	1	8	18.06	18.17	18.11		
3	QPSK	1	14	18.04	18.00	18.05		
3	QPSK	8	0	18.09	18.18	18.10		
3	QPSK	8	4	17.93	17.97	17.96		
3	QPSK	8	7	17.95	18.03	17.92		
3	QPSK	15	0	17.96	18.06	18.02		
3	16QAM	1	0	18.10	18.10	18.12		
3	16QAM	1	8	18.05	18.03	17.91	19.5	0
3	16QAM	1	14	17.92	17.87	17.96		
3	16QAM	8	0	17.92	17.90	17.87		
3	16QAM	8	4	17.84	17.93	17.82	19.5	0
3	16QAM	8	7	17.92	17.89	17.88		
3	16QAM	15	0	17.87	17.92	17.85		
3	64QAM	1	0	18.14	18.07	17.98		
3	64QAM	1	8	18.05	18.00	17.83	19.5	0
3	64QAM	1	14	17.92	17.91	17.96		
3	64QAM	8	0	17.97	18.07	18.03		
3	64QAM	8	4	17.77	17.96	17.79	19.5	0
3	64QAM	8	7	17.91	17.72	17.86		
3	64QAM	15	0	17.86	17.92	17.90		
3	256QAM	1	0	16.14	16.12	16.18	17.5	2
3	256QAM	1	8	16.08	16.07	16.10		
3	256QAM	1	14	16.15	16.03	15.97		
3	256QAM	8	0	15.99	16.00	15.92		
3	256QAM	8	4	16.03	16.02	16.00		
3	256QAM	8	7	16.05	15.94	16.00		
3	256QAM	15	0	15.95	15.92	15.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.19	18.19	18.13	19.5	0
1.4	QPSK	1	3	18.09	18.12	18.00		
1.4	QPSK	1	5	18.03	18.02	18.01		
1.4	QPSK	3	0	18.00	18.08	18.04		
1.4	QPSK	3	1	17.85	18.06	17.92		
1.4	QPSK	3	3	17.94	18.00	17.98		
1.4	QPSK	6	0	18.00	17.99	18.06	19.5	0
1.4	16QAM	1	0	18.05	18.16	18.14	19.5	0
1.4	16QAM	1	3	18.06	18.07	17.95		
1.4	16QAM	1	5	17.92	17.81	18.02		
1.4	16QAM	3	0	17.90	18.00	17.90		
1.4	16QAM	3	1	17.86	17.85	17.85		
1.4	16QAM	3	3	17.83	17.91	17.82		
1.4	16QAM	6	0	17.94	17.94	17.82	19.5	0
1.4	64QAM	1	0	18.04	18.11	18.04	19.5	0
1.4	64QAM	1	3	18.05	18.00	17.88		
1.4	64QAM	1	5	17.92	17.96	17.86		
1.4	64QAM	3	0	17.97	18.15	17.96		
1.4	64QAM	3	1	17.82	17.98	17.78		
1.4	64QAM	3	3	17.98	17.79	17.96		
1.4	64QAM	6	0	17.87	17.88	17.83	19.5	0
1.4	256QAM	1	0	16.05	16.13	16.13	17.5	2
1.4	256QAM	1	3	16.03	16.12	16.11		
1.4	256QAM	1	5	16.14	16.05	15.97		
1.4	256QAM	3	0	16.04	16.07	15.89		
1.4	256QAM	3	1	15.91	16.02	15.92		
1.4	256QAM	3	3	16.01	15.94	15.95		
1.4	256QAM	6	0	15.98	15.96	16.09	17.5	2

Band 4 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.21	19.26	19.20	20.3	0
20	QPSK	1	49	19.02	19.20	19.09		
20	QPSK	1	99	19.04	19.15	19.02		
20	QPSK	50	0	19.17	19.23	19.14		
20	QPSK	50	24	18.93	19.14	18.95		
20	QPSK	50	50	18.89	19.07	18.99		
20	QPSK	100	0	19.02	19.17	19.13		
20	16QAM	1	0	19.12	19.19	19.20		
20	16QAM	1	49	18.90	19.11	19.04		
20	16QAM	1	99	18.87	19.08	18.99		
20	16QAM	50	0	19.02	19.12	19.04		
20	16QAM	50	24	18.92	19.02	18.90		
20	16QAM	50	50	18.91	18.96	18.83		
20	16QAM	100	0	18.94	18.97	19.03		
20	64QAM	1	0	19.16	19.16	19.06		
20	64QAM	1	49	18.93	19.08	19.03		
20	64QAM	1	99	18.98	19.04	18.97		
20	64QAM	50	0	18.44	18.48	18.41		
20	64QAM	50	24	18.24	18.31	18.26		
20	64QAM	50	50	18.27	18.34	18.24		
20	64QAM	100	0	18.34	18.35	18.34		
20	256QAM	1	0	16.43	16.49	16.39		
20	256QAM	1	49	16.25	16.37	16.34		
20	256QAM	1	99	16.30	16.35	16.29		
20	256QAM	50	0	16.34	16.50	16.32		
20	256QAM	50	24	16.21	16.34	16.14		
20	256QAM	50	50	16.14	16.23	16.20		
20	256QAM	100	0	16.22	16.37	16.27		
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.13	19.15	19.11	20.3	0
15	QPSK	1	37	18.94	19.11	19.00		
15	QPSK	1	74	18.91	19.08	18.89		
15	QPSK	36	0	19.07	19.14	19.03		
15	QPSK	36	20	18.87	19.10	18.88		
15	QPSK	36	39	18.86	19.00	18.89		
15	QPSK	75	0	18.96	19.11	18.98		
15	16QAM	1	0	19.04	19.07	19.17		
15	16QAM	1	37	18.80	18.98	18.96	20.3	0
15	16QAM	1	74	18.82	18.93	18.91		
15	16QAM	36	0	18.94	19.00	18.91		
15	16QAM	36	20	18.89	18.95	18.75		
15	16QAM	36	39	18.82	18.84	18.71		
15	16QAM	75	0	18.85	18.93	18.99		
15	64QAM	1	0	19.06	19.10	18.94		
15	64QAM	1	37	18.90	19.00	18.95	20.3	0
15	64QAM	1	74	18.87	18.97	18.86		
15	64QAM	36	0	18.30	18.39	18.36		
15	64QAM	36	20	18.15	18.19	18.20	19.5	0.8
15	64QAM	36	39	18.18	18.30	18.20		
15	64QAM	75	0	18.29	18.27	18.20		
15	256QAM	1	0	16.32	16.38	16.31	17.5	2.8
15	256QAM	1	37	16.18	16.18	16.21		
15	256QAM	1	74	16.25	16.20	16.23		
15	256QAM	36	0	16.20	16.43	16.17		
15	256QAM	36	20	16.18	16.24	16.10	17.5	2.8
15	256QAM	36	39	16.04	16.11	16.08		
15	256QAM	75	0	16.11	16.32	16.23		
Channel				20000	20175	20350		
Frequency (MHz)				1716	1732.5	1750		
10	QPSK	1	0	19.10	19.10	19.10	20.3	0
10	QPSK	1	25	18.94	19.08	19.00		
10	QPSK	1	49	19.01	19.08	18.95		
10	QPSK	25	0	19.09	19.18	19.07		
10	QPSK	25	12	18.89	19.05	18.83		
10	QPSK	25	25	18.84	19.00	18.88		
10	QPSK	50	0	19.01	19.08	19.03		
10	16QAM	1	0	18.99	19.15	19.14		
10	16QAM	1	25	18.85	19.02	18.95		
10	16QAM	1	49	18.79	19.03	18.95		
10	16QAM	25	0	18.99	19.05	19.00		
10	16QAM	25	12	18.80	18.90	18.82		
10	16QAM	25	25	18.86	18.81	18.73		
10	16QAM	50	0	18.89	18.94	18.99		
10	64QAM	1	0	19.04	19.10	19.01		
10	64QAM	1	25	18.80	19.03	18.95	20.3	0
10	64QAM	1	49	18.85	18.94	18.92		
10	64QAM	25	0	18.36	18.33	18.38		
10	64QAM	25	12	18.10	18.20	18.17	19.5	0.8
10	64QAM	25	25	18.14	18.24	18.19		
10	64QAM	50	0	18.30	18.30	18.29		
10	256QAM	1	0	16.30	16.41	16.32		
10	256QAM	1	25	16.19	16.29	16.23	17.5	2.8
10	256QAM	1	49	16.24	16.32	16.18		
10	256QAM	25	0	16.24	16.47	16.23		
10	256QAM	25	12	16.17	16.27	16.00		
10	256QAM	25	25	16.11	16.17	16.05	17.5	2.8
10	256QAM	50	0	16.12	16.33	16.22		
Channel				19975	20175	20375		
Frequency (MHz)				1710.5	1732.5	1752.5		
5	QPSK	1	0	19.09	19.13	19.14	20.3	0
5	QPSK	1	12	18.97	19.08	18.96		
5	QPSK	1	24	18.96	19.03	18.91		
5	QPSK	12	0	19.09	19.19	19.00		
5	QPSK	12	7	18.92	19.10	18.81		
5	QPSK	12	13	18.77	18.98	18.88		
5	QPSK	25	0	19.04	19.03	18.99		
5	16QAM	1	0	19.02	19.13	19.12		
5	16QAM	1	12	18.79	19.01	18.93	20.3	0
5	16QAM	1	24	18.74	18.96	18.88		
5	16QAM	12	0	18.95	19.08	18.95		
5	16QAM	12	7	18.88	18.95	18.87	20.3	0
5	16QAM	12	13	18.84	18.88	18.75		
5	16QAM	25	0	18.82	18.91	18.94		
5	64QAM	1	0	19.12	19.09	19.01		
5	64QAM	1	12	18.85	18.99	18.95	20.3	0
5	64QAM	1	24	18.93	18.99	18.93		
5	64QAM	12	0	18.38	18.35	18.36		
5	64QAM	12	7	18.19	18.18	18.13	19.5	0.8
5	64QAM	12	13	18.22	18.29	18.13		
5	64QAM	25	0	18.19	18.22	18.30		
5	256QAM	1	0	16.36	16.35	16.29		
5	256QAM	1	12	16.12	16.30	16.27	17.5	2.8
5	256QAM	1	24	16.24	16.23	16.25		
5	256QAM	12	0	16.30	16.45	16.17		
5	256QAM	12	7	16.08	16.27	15.99	17.5	2.8
5	256QAM	12	13	16.09	16.15	16.09		
5	256QAM	25	0	16.09	16.30	16.22		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.16	19.18	19.12	20.3	0
3	QPSK	1	8	18.92	19.09	18.97		
3	QPSK	1	14	18.97	19.06	18.87		
3	QPSK	8	0	19.10	19.10	19.01		
3	QPSK	8	4	18.83	19.11	18.84		
3	QPSK	8	7	18.83	19.04	18.93		
3	QPSK	15	0	18.94	19.11	19.03		
3	16QAM	1	0	19.01	19.16	19.11		
3	16QAM	1	8	18.84	19.07	19.01	20.3	0
3	16QAM	1	14	18.76	19.01	18.91		
3	16QAM	8	0	18.88	19.08	18.96		
3	16QAM	8	4	18.81	18.88	18.76	20.3	0
3	16QAM	8	7	18.86	18.89	18.71		
3	16QAM	15	0	18.83	18.90	18.97		
3	64QAM	1	0	19.11	19.11	19.01		
3	64QAM	1	8	18.88	19.03	18.95	20.3	0
3	64QAM	1	14	18.86	18.93	18.88		
3	64QAM	8	0	18.30	18.41	18.33		
3	64QAM	8	4	18.09	18.27	18.12	19.5	0.8
3	64QAM	8	7	18.14	18.28	18.18		
3	64QAM	15	0	18.29	18.21	18.26		
3	256QAM	1	0	16.33	16.40	16.26		
3	256QAM	1	8	16.22	16.31	16.28	17.5	2.8
3	256QAM	1	14	16.20	16.26	16.17		
3	256QAM	8	0	16.19	16.40	16.20		
3	256QAM	8	4	16.08	16.22	16.01	17.5	2.8
3	256QAM	8	7	15.99	16.15	16.05		
3	256QAM	15	0	16.15	16.31	16.18		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.17	19.18	19.12	20.3	0
1.4	QPSK	1	3	18.97	19.15	19.01		
1.4	QPSK	1	5	18.89	19.08	18.94		
1.4	QPSK	3	0	19.02	19.16	19.01		
1.4	QPSK	3	1	18.84	19.03	18.87		
1.4	QPSK	3	3	18.84	19.03	18.85		
1.4	QPSK	6	0	18.98	19.14	19.07	20.3	0
1.4	16QAM	1	0	19.04	19.15	19.12	20.3	0
1.4	16QAM	1	3	18.87	19.05	18.98		
1.4	16QAM	1	5	18.83	19.00	18.95		
1.4	16QAM	3	0	18.88	18.97	18.94		
1.4	16QAM	3	1	18.84	18.92	18.84		
1.4	16QAM	3	3	18.87	18.90	18.68		
1.4	16QAM	6	0	18.88	18.89	18.95	20.3	0
1.4	64QAM	1	0	19.09	19.11	19.01	20.3	0
1.4	64QAM	1	3	18.89	18.96	18.98		
1.4	64QAM	1	5	18.88	18.98	18.91		
1.4	64QAM	3	0	18.99	19.01	18.91		
1.4	64QAM	3	1	18.81	18.86	18.94		
1.4	64QAM	3	3	18.75	18.90	18.82		
1.4	64QAM	6	0	18.28	18.23	18.23	19.5	0.8
1.4	256QAM	1	0	16.35	16.35	16.25	17.5	2.8
1.4	256QAM	1	3	16.10	16.33	16.26		
1.4	256QAM	1	5	16.21	16.23	16.20		
1.4	256QAM	3	0	16.19	16.39	16.22		
1.4	256QAM	3	1	16.12	16.21	16.00		
1.4	256QAM	3	3	16.04	16.16	16.06		
1.4	256QAM	6	0	16.08	16.28	16.21	17.5	2.8

Band 5 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.25	23.30	23.23	24	0
10	QPSK	1	25	23.12	23.11	23.05		
10	QPSK	1	49	23.08	23.14	23.16		
10	QPSK	25	0	22.17	22.26	22.24	23	1
10	QPSK	25	12	22.10	22.05	22.14		
10	QPSK	25	25	22.21	22.11	22.17		
10	QPSK	50	0	22.11	22.20	22.15		
10	16QAM	1	0	21.95	22.03	22.15		
10	16QAM	1	25	21.87	21.94	21.99	23	1
10	16QAM	1	49	22.13	21.89	21.98		
10	16QAM	25	0	21.10	21.33	21.23	22	2
10	16QAM	25	12	21.02	20.99	21.11		
10	16QAM	25	25	21.27	21.16	21.11		
10	16QAM	50	0	21.15	21.21	21.16		
10	64QAM	1	0	20.91	20.98	21.11	22	2
10	64QAM	1	25	20.82	20.87	21.00		
10	64QAM	1	49	21.13	20.87	21.02		
10	64QAM	25	0

Band 25 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.32	18.35	18.29	19.5	0
20	QPSK	1	49	18.25	18.30	18.21		
20	QPSK	1	99	18.20	18.26	18.17		
20	QPSK	50	0	18.19	18.29	18.22		
20	QPSK	50	24	18.13	18.16	18.13		
20	QPSK	50	50	18.17	18.13	18.10		
20	QPSK	100	0	18.18	18.22	18.15		
20	16QAM	1	0	18.29	18.32	18.20		
20	16QAM	1	49	18.19	18.21	18.13		
20	16QAM	1	99	18.10	18.11	18.12		
20	16QAM	50	0	18.05	18.16	18.15		
20	16QAM	50	24	17.99	18.05	18.04		
20	16QAM	50	50	18.06	18.04	18.03		
20	16QAM	100	0	18.05	18.19	18.11		
20	64QAM	1	0	18.28	18.24	18.22		
20	64QAM	1	49	18.19	18.22	18.07		
20	64QAM	1	99	18.12	18.13	18.04		
20	64QAM	50	0	18.12	18.24	18.14		
20	64QAM	50	24	18.03	18.11	18.03		
20	64QAM	50	50	18.13	17.98	18.06		
20	64QAM	100	0	18.08	18.17	18.09		
20	256QAM	1	0	16.27	16.33	16.29		
20	256QAM	1	49	16.21	16.27	16.25		
20	256QAM	1	99	16.23	16.23	16.12		
20	256QAM	50	0	16.15	16.26	16.16		
20	256QAM	50	24	16.14	16.13	16.08		
20	256QAM	50	50	16.20	16.12	16.13		
20	256QAM	100	0	16.17	16.20	16.18		
Channel				26115	26340	26515		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.22	18.24	18.22		
15	QPSK	1	37	18.21	18.19	18.09		
15	QPSK	1	74	18.10	18.12	18.07		
15	QPSK	36	0	18.13	18.24	18.13		
15	QPSK	36	20	18.08	18.04	18.05		
15	QPSK	36	39	18.12	18.09	17.98		
15	QPSK	75	0	18.04	18.18	18.02		
15	16QAM	1	0	18.20	18.17	18.07		
15	16QAM	1	37	18.13	18.11	18.01		
15	16QAM	1	74	17.98	18.06	18.03		
15	16QAM	36	0	17.95	18.05	18.06		
15	16QAM	36	20	17.92	17.95	17.97		
15	16QAM	36	39	17.98	17.90	17.99		
15	16QAM	75	0	17.98	18.15	17.97		
15	64QAM	1	0	18.21	18.15	18.07		
15	64QAM	1	37	18.15	18.13	17.99		
15	64QAM	1	74	18.00	18.03	17.99		
15	64QAM	36	0	18.01	18.19	18.06		
15	64QAM	36	20	17.90	18.05	17.97		
15	64QAM	36	39	18.08	17.91	17.93		
15	64QAM	75	0	17.93	18.13	17.98		
15	256QAM	1	0	16.16	16.30	16.21		
15	256QAM	1	37	16.16	16.15	16.16		
15	256QAM	1	74	16.19	16.14	16.01		
15	256QAM	36	0	16.07	16.19	16.07		
15	256QAM	36	20	16.02	16.00	16.05		
15	256QAM	36	39	16.13	16.05	16.07		
15	256QAM	75	0	16.05	16.17	16.11		
Channel				26090	26340	26540		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.21	18.28	18.20		
10	QPSK	1	25	18.21	18.25	18.12		
10	QPSK	1	49	18.11	18.17	18.12		
10	QPSK	25	0	18.15	18.15	18.18		
10	QPSK	25	12	18.09	18.12	18.00		
10	QPSK	25	25	18.02	18.01	18.05		
10	QPSK	50	0	18.06	18.07	18.11		
10	16QAM	1	0	18.22	18.19	18.10		
10	16QAM	1	25	18.13	18.07	18.03		
10	16QAM	1	49	17.96	17.97	18.02		
10	16QAM	25	0	17.98	18.06	18.04		
10	16QAM	25	12	17.87	17.99	17.96		
10	16QAM	25	25	17.98	17.91	17.90		
10	16QAM	50	0	18.00	18.15	18.02		
10	64QAM	1	0	18.17	18.10	18.12		
10	64QAM	1	25	18.05	18.13	17.92		
10	64QAM	1	49	18.08	17.99	17.94		
10	64QAM	25	0	18.01	18.12	18.08		
10	64QAM	25	12	17.94	18.02	17.93		
10	64QAM	25	25	18.08	17.93	17.95		
10	64QAM	50	0	17.96	18.11	18.00		
10	256QAM	1	0	16.21	16.22	16.16		
10	256QAM	1	25	16.16	16.24	16.21		
10	256QAM	1	49	16.16	16.09	16.06		
10	256QAM	25	0	16.05	16.16	16.11		
10	256QAM	25	12	16.09	16.00	16.00		
10	256QAM	25	25	16.16	16.02	16.09		
10	256QAM	50	0	16.11	16.09	16.04		
Channel				26065	26340	26565		
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.24	18.29	18.17		
5	QPSK	1	12	18.21	18.27	18.13		
5	QPSK	1	24	18.10	18.15	18.05		
5	QPSK	12	0	18.12	18.23	18.17		
5	QPSK	12	7	17.99	18.09	18.04		
5	QPSK	12	13	18.13	18.05	18.04		
5	QPSK	25	0	18.06	18.11	18.02		
5	16QAM	1	0	18.25	18.22	18.11		
5	16QAM	1	12	18.06	18.15	18.10		
5	16QAM	1	24	18.05	18.04	18.05		
5	16QAM	12	0	17.97	18.04	18.05		
5	16QAM	12	7	17.95	17.99	17.96		
5	16QAM	12	13	17.91	17.96	17.98		
5	16QAM	25	0	17.99	18.15	17.99		
5	64QAM	1	0	18.23	18.12	18.10		
5	64QAM	1	12	18.14	18.09	17.98		
5	64QAM	1	24	18.08	18.06	17.90		
5	64QAM	12	0	18.04	18.12	18.09		
5	64QAM	12	7	17.91	18.06	17.90		
5	64QAM	12	13	18.10	17.93	17.95		
5	64QAM	25	0	17.98	18.03	18.05		
5	256QAM	1	0	16.16	16.24	16.23		
5	256QAM	1	12	16.14	16.24	16.13		
5	256QAM	1	24	16.08	16.15	15.99		
5	256QAM	12	0	16.06	16.16	16.10		
5	256QAM	12	7	16.08	16.04	16.02		
5	256QAM	12	13	16.11	15.99	15.99		
5	256QAM	25	0	16.11	16.11	16.04		
Channel				26055	26340	26575		
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.19	18.25	18.16		
3	QPSK	1	8	18.13	18.23	18.13		
3	QPSK	1	14	18.17	18.19	18.13		
3	QPSK	8	0	18.06	18.26	18.08		
3	QPSK	8	4	18.04	18.05	18.01		
3	QPSK	8	7	18.11	18.09	17.98		
3	QPSK	15	0	18.12	18.09	18.06		
3	16QAM	1	0	18.25	18.27	18.10		
3	16QAM	1	8	18.04	18.13	18.06		
3	16QAM	1	14	18.02	18.06	18.07		
3	16QAM	8	0	17.93	18.02	18.07		
3	16QAM	8	4	17.90	17.98	18.00		
3	16QAM	8	7	17.98	17.99	17.95		
3	16QAM	15	0	17.94	18.05	18.07		
3	64QAM	1	0	18.21	18.09	18.10		
3	64QAM	1	8	18.11	18.12	17.92		
3	64QAM	1	14	17.99	18.03	17.94		
3	64QAM	8	0	18.09	18.09	18.10		
3	64QAM	8	4	17.99	17.98	17.98		
3	64QAM	8	7	18.05	17.91	17.96		
3	64QAM	15	0	18.03	18.07	17.99		
3	256QAM	1	0	16.23	16.29	16.17		
3	256QAM	1	8	16.09	16.18	16.13		
3	256QAM	1	14	16.19	16.14	16.03		
3	256QAM	8	0	16.03	16.17	16.04		
3	256QAM	8	4	16.09	16.07	15.99		
3	256QAM	8	7	16.06	16.04	15.99		
3	256QAM	15	0	16.07	16.11	16.05		
Channel				26047	26340	26633		
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.23	18.29	18.24		
1.4	QPSK	1	3	18.12	18.24	18.11		
1.4	QPSK	1	5	18.15	18.22	18.11		
1.4	QPSK	3	0	18.12	18.23	18.09		
1.4	QPSK	3	1	18.03	18.07	18.08		
1.4	QPSK	3	3	18.06	18.02	18.06		
1.4	QPSK	6	0	18.11	18.13	18.04	19.5	0
1.4	16QAM	1	0	18.23	18.19	18.14		
1.4	16QAM	1	3	18.13	18.13	18.00		
1.4	16QAM	1	5	18.01	17.98	18.01	19.5	0
1.4	16QAM	3	0	18.00	18.07	18.01		
1.4	16QAM	3	1	17.88	17.97	17.99		
1.4	16QAM	3	3	17.93	17.96	17.99		
1.4	16QAM	6	0	18.00	18.07	18.07	19.5	0
1.4	64QAM	1	0	18.17	18.19	18.09		
1.4	64QAM	1	3	18.04	18.10	17.96		
1.4	64QAM	1	5	18.03	17.98	18.00	19.5	0
1.4	64QAM	3	0	17.98	18.17	18.04		
1.4	64QAM	3	1	17.97	18.01	17.98		
1.4	64QAM	3	3	18.02	17.86	17.96		
1.4	64QAM	6	0	18.02	18.10	17.99	19.5	0
1.4	256QAM	1	0	16.15	16.24	16.19		
1.4	256QAM	1	3	16.13	16.15	16.19		
1.4	256QAM	1	5	16.16	16.12	16.02	17.5	2
1.4	256QAM	3	0	16.09	16.16	16.02		
1.4	256QAM	3	1	16.07	16.04	15.94		
1.4	256QAM	3	3	16.14	16.01	16.04		
1.4	256QAM	6	0	16.14	16.10	16.10	17.5	2

Band 26 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.80	21.86	21.78	23	0
15	QPSK	1	37	21.62	21.83	21.65		
15	QPSK	1	74	21.59	21.82	21.65		
15	QPSK	36	0	20.81	20.92	20.72	22	1
15	QPSK	36	20	20.53	20.85	20.58		
15	QPSK	36	39	20.62	20.89	20.73		
15	QPSK	75	0	20.81	20.98	20.79		
15	16QAM	1	0	20.63	20.84	20.58	22	1
15	16QAM	1	37	20.66	20.68	20.59		
15	16QAM	1	74	20.60	20.79	20.49		
15	16QAM	36	0	19.81	19.93	19.79	21	2
15	16QAM	36	20	19.53	19.93	19.49		
15	16QAM	36	39	19.56	19.97	19.80		
15	16QAM	75	0	19.73	19.94	19.76		
15	64QAM	1	0	20.61	20.68	19.51	21	2
15	64QAM	1	37	19.52	19.66	19.60		
15	64QAM	1	74	19.63	19.77	19.48		
15	64QAM	36	0	18.87	18.90	18.71	20	3
15	64QAM	36	20	18.53	18.92	18.60		
15	64QAM	36	39	18.57	18.96	18.78		
15	64QAM	75	0	18.73	18.82	18.82		
15	256QAM	1	0	16.89	16.96	16.66	18	5
15	256QAM	1	37	16.51	16.82	16.64		
15	256QAM	1	74	16.71	16.91	16.67		
15	256QAM	36	0	16.81	16.92	16.85	18	5
15	256QAM	36	20	16.68	16.77	16.63		
15	256QAM	36	39	16.63	16.71	16.59		
15	256QAM	75	0	16.36	16.82	16.54		
Channel				26740	26865	26990		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.68	21.67	23	0
10	QPSK	1	25	21.44	21.63	21.57		
10	QPSK	1	49	21.43	21.63	21.53		
10	QPSK	25	0	20.62	20.87	20.63	22	1
10	QPSK	25	12	20.44	20.74	20.51		
10	QPSK	25	25	20.58	20.78	20.66		
10	QPSK	50	0	20.62	20.76	20.68		
10	16QAM	1	0	20.41	20.70	20.43	22	1
10	16QAM	1	25	20.29	20.56	20.28		
10	16QAM	1	49	20.34	20.58	20.43		
10	16QAM	25	0	19.69	19.74	19.63	21	2
10	16QAM	25	12	19.63	19.84	19.42		
10	16QAM	25	25	19.44	19.81	19.62		
10	16QAM	50	0	19.60	19.76	19.62		
10	64QAM	1	0	19.46	19.64	19.41	21	2
10	64QAM	1	25	19.47	19.55	19.39		
10	64QAM	1	49	19.56	19.71	19.33		
10	64QAM	25	0	18.80	18.70	18.54	20	3
10	64QAM	25	12	18.46	18.84	18.54		
10	64QAM	25	25	18.39	18.88	18.64		
10	64QAM	50	0	18.66	18.74	18.72		
10	256QAM	1	0	16.70	16.81	16.50	18	5
10	256QAM	1	25	16.46	16.68	16.43		
10	256QAM	1	49	16.60	16.86	16.53		
10	256QAM	25	0	16.76	16.85	16.69	18	5
10	256QAM	25	12	16.64	16.58	16.46		
10	256QAM	25	25	16.51	16.50	16.53		
10	256QAM	50	0	16.18	16.67	16.35		
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.74	21.57	23	0
5	QPSK	1	12	21.45	21.63	21.52		
5	QPSK	1	24	21.49	21.64	21.46		
5	QPSK	12	0	20.65	20.87	20.57	22	1
5	QPSK	12	7	20.61	20.73	20.53		
5	QPSK	12	13	20.57	20.76	20.68		
5	QPSK	25	0	20.72	20.66	20.75		
5	16QAM	1	0	20.45	20.65	20.42	22	1
5	16QAM	1	12	20.28	20.57	20.36		
5	16QAM	1	24	20.33	20.75	20.34		
5	16QAM	12	0	19.62	19.76	19.65	21	2
5	16QAM	12	7	19.41	19.81	19.60		
5	16QAM	12	13	19.41	19.85	19.65		
5	16QAM	25	0	19.57	19.74	19.61		
5	64QAM	1	0	19.59	19.66	19.33	21	2
5	64QAM	1	12	19.32	19.61	19.48		
5	64QAM	1	24	19.55	19.68	19.40		
5	64QAM	12	0	18.67	18.70	18.58	20	3
5	64QAM	12	7	18.57	18.78	18.55		
5	64QAM	12	13	18.41	18.88	18.59		
5	64QAM	25	0	18.55	18.74	18.70		
5	256QAM	1	0	16.79	16.85	16.51	18	5
5	256QAM	1	12	16.43	16.74	16.60		
5	256QAM	1	24	16.60	16.83	16.54		
5	256QAM	12	0	16.75	16.85	16.71	18	5
5	256QAM	12	7	16.50	16.69	16.42		
5	256QAM	12	13	16.47	16.62	16.52		
5	256QAM	25	0	16.30	16.61	16.43		
Channel				26705	26865	27025		
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.64	21.72	23	0
3	QPSK	1	8	21.54	21.78	21.45		
3	QPSK	1	14	21.41	21.63	21.45		
3	QPSK	8	0	20.65	20.73	20.57	22	1
3	QPSK	8	4	20.37	20.71	20.52		
3	QPSK	8	7	20.47	20.74	20.53		
3	QPSK	15	0	20.63	20.68	20.60		
3	16QAM	1	0	20.48	20.69	20.42	22	1
3	16QAM	1	8	20.39	20.49	20.32		
3	16QAM	1	14	20.35	20.67	20.41		
3	16QAM	8	0	19.59	19.77	19.74	21	2
3	16QAM	8	4	19.67	19.88	19.43		
3	16QAM	8	7	19.48	19.82	19.75		
3	16QAM	15	0	19.67	19.77	19.68		
3	64QAM	1	0	19.61	19.77	19.44	21	2
3	64QAM	1	8	19.40	19.62	19.41		
3	64QAM	1	14	19.44	19.59	19.29		
3	64QAM	8	0	18.76	18.85	18.64	20	3
3	64QAM	8	4	18.64	18.74	18.52		
3	64QAM	8	7	18.41	18.80	18.65		
3	64QAM	15	0	18.57	18.65	18.67		
3	256QAM	1	0	16.74	16.77	16.53	18	5
3	256QAM	1	8	16.36	16.77	16.47		
3	256QAM	1	14	16.53	16.74	16.48		
3	256QAM	8	0	16.52	16.72	16.72	18	5
3	256QAM	8	4	16.52	16.60	16.48		
3	256QAM	8	7	16.54	16.64	16.48		
3	256QAM	15	0	16.32	16.64	16.33		
Channel				26697	26865	27033		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.70	21.64	21.60	23	0
1.4	QPSK	1	3	21.52	21.66	21.53		
1.4	QPSK	1	5	21.47	21.63	21.55		
1.4	QPSK	3	0	21.52	21.56	21.45		
1.4	QPSK	3	1	21.46	21.54	21.47		
1.4	QPSK	3	3	21.28	21.48	21.38		
1.4	QPSK	6	0	20.61	20.69	20.72	22	1
1.4	16QAM	1	0	20.53	20.67	20.52	22	1
1.4	16QAM	1	3	20.42	20.58	20.41		
1.4	16QAM	1	5	20.40	20.64	20.40		
1.4	16QAM	3	0	20.36	20.50	20.47		
1.4	16QAM	3	1	20.22	20.54	20.42		
1.4	16QAM	3	3	20.51	20.54	20.28		
1.4	16QAM	6	0	19.62	19.80	19.60	21	2
1.4	64QAM	1	0	19.51	19.65	19.45	21	2
1.4	64QAM	1	3	19.47	19.60	19.40		
1.4	64QAM	1	5	19.46	19.56	19.43		
1.4	64QAM	3	0	19.45	19.59	19.30		
1.4	64QAM	3	1	19.15	19.36	19.20		
1.4	64QAM	3	3	19.25	19.48	19.23		
1.4	64QAM	6	0	18.54	18.61	18.69	20	3
1.4	256QAM	1	0	16.70	16.82	16.47	18	5
1.4	256QAM	1	3	16.36	16.69	16.56		
1.4	256QAM	1	5	16.64	16.75	16.59		
1.4	256QAM	3	0	16.75	16.87	16.75		
1.4	256QAM	3	1	16.56	16.69	16.50		
1.4	256QAM	3	3	16.46	16.54	16.42		
1.4	256QAM	6	0	16.31	16.67	16.37	18	5

Band 66 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.28	19.35	19.30	20.3	0
20	QPSK	1	49	19.14	19.29	19.21		
20	QPSK	1	99	19.13	19.25	19.16		
20	QPSK	50	0	19.24	19.29	19.22		
20	QPSK	50	24	19.02	19.24	19.06		
20	QPSK	50	50	18.98	19.16	19.07		
20	QPSK	100	0	19.14	19.23	19.17		
20	16QAM	1	0	19.19	19.22	19.25		
20	16QAM	1	49	19.04	19.19	19.14		
20	16QAM	1	99	19.00	19.17	19.07		
20	16QAM	50	0	19.17	19.25	19.08		
20	16QAM	50	24	18.97	19.11	18.93		
20	16QAM	50	50	18.95	19.02	18.95		
20	16QAM	100	0	19.07	19.10	19.11		
20	64QAM	1	0	19.23	19.30	19.17		
20	64QAM	1	49	19.04	19.16	19.16		
20	64QAM	1	99	19.06	19.14	19.02		
20	64QAM	50	0	18.48	18.53	18.48		
20	64QAM	50	24	18.30	18.46	18.39		
20	64QAM	50	50	18.33	18.48	18.31		
20	64QAM	100	0	18.39	18.45	18.48		
20	256QAM	1	0	16.53	16.56	16.52		
20	256QAM	1	49	16.30	16.47	16.47		
20	256QAM	1	99	16.35	16.47	16.35		
20	256QAM	50	0	16.48	16.53	16.36		
20	256QAM	50	24	16.25	16.40	16.25		
20	256QAM	50	50	16.19	16.34	16.30		
20	256QAM	100	0	16.32	16.48	16.38		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.13	19.25	19.20		
15	QPSK	1	37	19.08	19.25	19.08		
15	QPSK	1	74	19.07	19.13	19.09		
15	QPSK	36	0	19.21	19.25	19.09		
15	QPSK	36	20	18.92	19.16	18.91		
15	QPSK	36	39	18.90	19.03	19.04		
15	QPSK	75	0	19.06	19.12	19.08		
15	16QAM	1	0	19.09	19.13	19.12		
15	16QAM	1	37	18.96	19.05	19.09		
15	16QAM	1	74	18.96	19.03	19.01		
15	16QAM	36	0	19.03	19.11	19.03		
15	16QAM	36	20	18.93	19.00	18.83		
15	16QAM	36	39	18.82	18.99	18.83		
15	16QAM	75	0	19.03	18.96	19.03		
15	64QAM	1	0	19.16	19.27	19.02		
15	64QAM	1	37	18.89	19.09	19.06		
15	64QAM	1	74	18.92	19.08	18.92		
15	64QAM	36	0	18.43	18.49	18.37		
15	64QAM	36	20	18.23	18.34	18.33		
15	64QAM	36	39	18.21	18.34	18.18		
15	64QAM	75	0	18.33	18.37	18.36		
15	256QAM	1	0	16.48	16.44	16.38		
15	256QAM	1	37	16.26	16.36	16.43		
15	256QAM	1	74	16.32	16.34	16.32		
15	256QAM	36	0	16.40	16.42	16.23		
15	256QAM	36	20	16.13	16.26	16.17		
15	256QAM

Band 38 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.27	21.37	21.31	22.6	0
20	QPSK	1	49	21.23	21.28	21.29		
20	QPSK	1	99	21.12	21.19	21.30		
20	QPSK	50	0	21.36	21.34	21.35	22.6	0
20	QPSK	50	24	21.20	21.20	21.23		
20	QPSK	50	50	21.17	21.25	21.22		
20	QPSK	100	0	21.27	21.33	21.30		
20	16QAM	1	0	21.30	21.31	21.31	22.6	0
20	16QAM	1	49	21.25	21.20	21.29		
20	16QAM	1	99	21.13	21.23	21.32		
20	16QAM	50	0	20.97	20.99	20.80	22	0.6
20	16QAM	50	24	20.84	20.82	20.66		
20	16QAM	50	50	20.76	20.69	20.78		
20	16QAM	100	0	20.79	20.78	20.69		
20	64QAM	1	0	20.84	20.82	20.61	22	0.6
20	64QAM	1	49	20.77	20.65	20.65		
20	64QAM	1	99	20.68	20.65	20.69		
20	64QAM	50	0	19.83	19.88	19.76	21	1.6
20	64QAM	50	24	19.89	19.84	19.61		
20	64QAM	50	50	19.77	19.83	19.78		
20	64QAM	100	0	19.68	19.75	19.74		
20	256QAM	1	0	17.96	17.89	17.83	19	3.6
20	256QAM	1	49	17.80	17.86	17.60		
20	256QAM	1	99	17.87	17.73	17.80		
20	256QAM	50	0	17.66	17.82	17.72	19	3.6
20	256QAM	50	24	17.74	17.82	17.58		
20	256QAM	50	50	17.71	17.70	17.64		
20	256QAM	100	0	17.71	17.55	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.13	21.25	21.25	22.6	0
15	QPSK	1	37	21.19	21.23	21.18		
15	QPSK	1	74	21.05	21.06	21.17		
15	QPSK	36	0	21.21	21.31	21.21	22.6	0
15	QPSK	36	20	21.14	21.23	21.18		
15	QPSK	36	39	21.04	21.17	21.15		
15	QPSK	75	0	21.17	21.26	21.26		
15	16QAM	1	0	21.18	21.26	21.26	22.6	0
15	16QAM	1	37	21.13	21.11	21.22		
15	16QAM	1	74	21.06	21.19	21.22		
15	16QAM	36	0	20.93	20.90	20.74	22	0.6
15	16QAM	36	20	20.69	20.74	20.49		
15	16QAM	36	39	20.63	20.49	20.69		
15	16QAM	75	0	20.63	20.73	20.65		
15	64QAM	1	0	20.75	20.71	20.43	22	0.6
15	64QAM	1	37	20.67	20.53	20.49		
15	64QAM	1	74	20.62	20.56	20.48		
15	64QAM	36	0	19.71	19.73	19.69	21	1.6
15	64QAM	36	20	19.84	19.80	19.46		
15	64QAM	36	39	19.69	19.71	19.69		
15	64QAM	75	0	19.51	19.59	19.66		
15	256QAM	1	0	17.76	17.82	17.69	19	3.6
15	256QAM	1	37	17.71	17.71	17.48		
15	256QAM	1	74	17.82	17.53	17.65		
15	256QAM	36	0	17.48	17.62	17.59	19	3.6
15	256QAM	36	20	17.67	17.77	17.44		
15	256QAM	36	39	17.61	17.66	17.58		
15	256QAM	75	0	17.58	17.46	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.21	21.23	21.21	22.6	0
10	QPSK	1	25	21.16	21.24	21.20		
10	QPSK	1	49	21.03	21.05	21.27		
10	QPSK	25	0	21.25	21.24	21.25	22.6	0
10	QPSK	25	12	21.15	21.14	21.19		
10	QPSK	25	25	21.08	21.11	21.14		
10	QPSK	50	0	21.17	21.19	21.23		
10	16QAM	1	0	21.24	21.22	21.19	22.6	0
10	16QAM	1	25	21.16	21.08	21.15		
10	16QAM	1	49	20.99	21.11	21.19		
10	16QAM	25	0	20.84	20.81	20.68	22	0.6
10	16QAM	25	12	20.75	20.72	20.47		
10	16QAM	25	25	20.59	20.65	20.62		
10	16QAM	50	0	20.74	20.68	20.64		
10	64QAM	1	0	20.68	20.75	20.56	22	0.6
10	64QAM	1	25	20.72	20.55	20.58		
10	64QAM	1	49	20.48	20.51	20.56		
10	64QAM	25	0	19.65	19.78	19.62	21	1.6
10	64QAM	25	12	19.85	19.66	19.53		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.65	19.58	19.70		
10	256QAM	1	0	17.87	17.78	17.73	19	3.6
10	256QAM	1	25	17.69	17.70	17.51		
10	256QAM	1	49	17.79	17.52	17.61		
10	256QAM	25	0	17.60	17.67	17.68	19	3.6
10	256QAM	25	12	17.58	17.78	17.52		
10	256QAM	25	25	17.64	17.61	17.60		
10	256QAM	50	0	17.62	17.44	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.22	21.32	21.27	22.6	0
5	QPSK	1	12	21.20	21.19	21.25		
5	QPSK	1	24	21.00	21.15	21.25		
5	QPSK	12	0	21.23	21.28	21.32	22.6	0
5	QPSK	12	7	21.10	21.19	21.12		
5	QPSK	12	13	21.11	21.20	21.09		
5	QPSK	25	0	21.13	21.23	21.22		
5	16QAM	1	0	21.18	21.25	21.26	22.6	0
5	16QAM	1	12	21.17	21.05	21.26		
5	16QAM	1	24	20.99	21.09	21.21		
5	16QAM	12	0	20.84	20.92	20.61	22	0.6
5	16QAM	12	7	20.76	20.69	20.54		
5	16QAM	12	13	20.56	20.60	20.70		
5	16QAM	25	0	20.76	20.75	20.58		
5	64QAM	1	0	20.65	20.65	20.50	22	0.6
5	64QAM	1	12	20.58	20.58	20.55		
5	64QAM	1	24	20.61	20.45	20.62		
5	64QAM	12	0	19.80	19.78	19.66	21	1.6
5	64QAM	12	7	19.70	19.65	19.46		
5	64QAM	12	13	19.59	19.78	19.61		
5	64QAM	25	0	19.53	19.62	19.70		
5	256QAM	1	0	17.79	17.83	17.78	19	3.6
5	256QAM	1	12	17.68	17.67	17.54		
5	256QAM	1	24	17.80	17.58	17.72		
5	256QAM	12	0	17.58	17.75	17.57	19	3.6
5	256QAM	12	7	17.67	17.68	17.51		
5	256QAM	12	13	17.59	17.67	17.50		
5	256QAM	25	0	17.58	17.52	17.44		

Band 41 Ant 1 DSI6

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	21.38	21.41	21.45	21.40	21.42	22.6	0
20	QPSK	1	49	21.26	21.29	21.35	21.34	21.35		
20	QPSK	1	99	21.30	21.26	21.32	21.36	21.32		
20	QPSK	50	0	21.31	21.33	21.40	21.32	21.38	22.6	0
20	QPSK	50	24	21.16	21.18	21.27	21.24	21.31		
20	QPSK	50	50	21.22	21.23	21.18	21.30	21.28		
20	QPSK	100	0	21.34	21.29	21.39	21.35	21.35		
20	16QAM	1	0	21.31	21.34	21.41	21.26	21.38	22.6	0
20	16QAM	1	49	21.22	21.15	21.21	21.28	21.29		
20	16QAM	1	99	21.19	21.16	21.25	21.24	21.27		
20	16QAM	50	0	20.81	20.74	20.94	20.91	20.81	22	0.6
20	16QAM	50	24	20.75	20.71	20.88	20.81	20.75		
20	16QAM	50	50	20.74	20.61	20.87	20.88	20.61		
20	16QAM	100	0	20.74	20.72	20.84	20.82	20.81		
20	64QAM	1	0	20.74	20.58	20.90	20.80	20.70	22	0.6
20	64QAM	1	49	20.62	20.55	20.76	20.66	20.67		
20	64QAM	1	99	20.53	20.52	20.73	20.75	20.47		
20	64QAM	50	0	19.87	19.86	19.88	19.94	19.88	21	1.6
20	64QAM	50	24	19.62	19.77	19.97	19.86	19.78		
20	64QAM	50	50	19.61	19.75	19.77	19.81	19.57		
20	64QAM	100	0	19.74	19.80	19.78	19.78	19.71		
20	256QAM	1	0	17.91	17.82	17.86	17.87	17.90	19	3.6
20	256QAM	1	49	17.75	17.73	17.94	17.82	17.66		
20	256QAM	1	99	17.67	17.76	17.82	17.93	17.69		
20	256QAM	50	0	17.79	17.85	17.82	17.79	17.80	19	3.6
20	256QAM	50	24	17.77	17.59	17.84	17.81	17.59		
20	256QAM	50	50	17.50	17.62	17.78	17.61	17.66		
20	256QAM	100	0	17.49	17.47	17.73	17.60	17.51		
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	21.25	21.30	21.32	21.34	21.30	22.6	0
15	QPSK	1	37	21.21	21.17	21.23	21.31	21.21		
15	QPSK	1	74	21.16	21.16	21.21	21.28	21.28		
15	QPSK	36	0	21.21	21.24	21.29	21.21	21.28	22.6	0
15	QPSK	36	20	21.12	21.04	21.16	21.18	21.20		
15	QPSK	36	39	21.11	21.15	21.11	21.24	21.22		
15	QPSK	75	0	21.25	21.18	21.33	21.28	21.29		
15	16QAM	1	0	21.24	21.29	21.35	21.20	21.25	22.6	0
15	16QAM	1	37	21.09	21.08	21.11	21.22	21.24		
15	16QAM	1	74	21.10	21.12	21.21	21.20	21.22		
15	16QAM	36	0	20.68	20.62	20.75	20.76	20.64	22	0.6
15	16QAM	36	20	20.58	20.63	20.76	20.73	20.69		
15	16QAM	36	39	20.55	20.49	20.79	20.69	20.48		
15	16QAM	75	0	20.53	20.56	20.79	20.73	20.68		
15	64QAM	1	0	20.58	20.40	20.81	20.59	20.61	22	0.6
15	64QAM	1	37	20.44	20.50	20.68	20.46	20.57		
15	64QAM	1	74	20.48	20.37	20.64	20.58	20.32		
15	64QAM	36	0	19.83	19.79	19.76	19.74	19.71	21	1.6
15	64QAM	36	20	19.49	19.60	19.77	19.65	19.61		
15	64QAM	36	39	19.52	19.72	19.73	19.70	19.47		
15	64QAM	75	0	19.63	19.69	19.62	19.60	19.52		
15	256QAM	1	0	17.87	17.63	17.71	17.77	17.86	19	3.6
15	256QAM	1	37	17.58	17.61	17.87	17.61	17.58		
15	256QAM	1	74	17.51	17.62	17.63	17.78	17.54		
15	256QAM	36	0	17.68	17.81	17.68	17.72	17.60	19	3.6
15	256QAM	36	20	17.59	17.45	17.64	17.66	17.48		
15	256QAM	36	39	17.34	17.57	17.66	17.50	17.46		
15	256QAM	75	0	17.28	17.40	17.63	17.39	17.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.33	21.30	21.33	21.33	21.32	22.6	0
10	QPSK	1	25	21.12	21.26	21.31	21.29	21.24		
10	QPSK	1	49	21.24	21.11	21.23	21.26	21.19		
10	QPSK	25	0	21.16	21.23	21.31	21.21	21.27	22.6	0
10	QPSK	25	12	21.05	21.07	21.15	21.14	21.24		
10	QPSK	25	25	21.15	21.08	21.05	21.24	21.21		
10	QPSK	50	0	21.31	21.21	21.25	21.21	21.29		
10	16QAM	1	0	21.24	21.25	21.32	21.22	21.24	22.6	0
10	16QAM	1	25	21.17	21.03	21.15	21.18	21.25		
10	16QAM	1	49	21.09	21.09	21.21	21.15	21.20		
10	16QAM	25	0	20.78	20.65	20.84	20.75	20.61	22	0.6
10	16QAM	25	12	20.70	20.65	20.74	20.77	20.66		
10	16QAM	25	25	20.66	20.50	20.82	20.79	20.52		
10	16QAM	50	0	20.55	20.67	20.76	20.70	20.64		
10	64QAM	1	0	20.66	20.48	20.72	20.70	20.50	22	0.6
10	64QAM	1	25	20.50	20.45	20.65	20.59	20.53		
10	64QAM	1	49	20.47	20.44	20.64	20.59	20.42		
10	64QAM	25	0	19.69	19.78	19.79	19.87	19.70	21	1.6
10	64QAM	25	12	19.45	19.59	19.79	19.77	19.61		
10	64QAM	25	25	19.55	19.65	19.71	19.70	19.53		
10	64QAM	50	0	19.55	19.67	19.70	19.67	19.54		
10	256QAM	1	0	17.79	17.67	17.72	17.77	17.74	19	3.6
10	256QAM	1	25	17.66	17.54	17.80	17.67	17.51		
10	256QAM	1	49	17.64	17.56	17.64	17.75	17.55		
10	256QAM	25	0	17.68	17.65	17.66	17.74	17.67	19	3.6
10	256QAM	25	12	17.58	17.48	17.77	17.66	17.51		
10	256QAM	25	25	17.34	17.58	17.73	17.47	17.46		
10	256QAM	50	0	17.33	17.34	17.66	17.54	17.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2595	2643.30	2691.5		
5	QPSK	1	0	21.26	21.31	21.39	21.33	21.34	22.6	0
5	QPSK	1	12	21.23	21.18	21.21	21.25	21.21		
5	QPSK	1	24	21.22	21.16	21.22	21.30	21.24		
5	QPSK	12	0	21.22	21.30	21.35	21.22	21.27	22.6	0
5	QPSK	12	7	21.11	21.04	21.19	21.20	21.20		
5	QPSK	12	13	21.17	21.12	21.03	21.26	21.22		
5	QPSK	25	0	21.26	21.24	21.31	21.20	21.28		
5	16QAM	1	0	21.21	21.24	21.36	21.11	21.25	22.6	0
5	16QAM	1	12	21.16	21.05	21.13	21.25	21.17		
5	16QAM	1	24	21.06	21.03	21.15	21.20	21.20		
5	16QAM	12	0	20.71	20.61	20.74	20.74	20.69	22	0.6
5	16QAM	12	7	20.63	20.51	20.81	20.77	20.59		
5	16QAM	12	13	20.67	20.49	20.66	20.83	20.50		
5	16QAM	25	0	20.70	20.61	20.74	20.78	20.75		
5	64QAM	1	0	20.69	20.38	20.79	20.64	20.55	22	0.6
5	64QAM	1	12	20.50	20.48	20.63	20.60	20.64		
5	64QAM	1	24	20.39	20.46	20.59	20.60	20.41		
5	64QAM	12	0	19.76	19.78	19.78	19.81	19.68	21	1.6
5	64QAM	12	7	19.48	19.62	19.91	19.79	19.65		
5	64QAM	12	13	19.43	19.61	19.63	19.76	19.51		
5	64QAM	25	0	19.54	19.76	19.75	19.72	19.51		
5	256QAM	1	0	17.75	17.75	17.77	17.80	17.79	19	3.6
5	256QAM	1	12	17.57	17.62	17.74	17.65	17.59		
5	256QAM	1	24	17.46	17.64	17.64	17.83	17.54		
5	256QAM	12	0	17.64	17.79	17.71	17.73	17.76	19	3.6
5	256QAM	12	7	17.70	17.41	17.68	17.65	17.49		
5	256QAM	12	13	17.44	17.57	17.74	17.58	17.50		
5	256QAM	25	0	17.40	17.27	17.63	17.45	17.34		

Band 38 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.13	21.17	21.11	22.3	0
20	QPSK	1	49	20.95	21.10	21.07		
20	QPSK	1	99	20.92	21.09	20.97		
20	QPSK	50	0	21.05	21.15	20.98	22.3	0
20	QPSK	50	24	20.83	20.92	20.95		
20	QPSK	50	50	20.93	21.08	20.93		
20	QPSK	100	0	21.03	21.04	20.99		
20	16QAM	1	0	21.03	21.07	20.98	22.3	0
20	16QAM	1	49	20.82	20.97	21.02		
20	16QAM	1	99	20.86	21.04	20.86		
20	16QAM	50	0	20.76	20.83	20.71	22	0.3
20	16QAM	50	24	20.65	20.85	20.55		
20	16QAM	50	50	20.82	20.65	20.48		
20	16QAM	100	0	20.73	20.84	20.70		
20	64QAM	1	0	20.64	20.78	20.74	22	0.3
20	64QAM	1	49	20.43	20.70	20.49		
20	64QAM	1	99	20.59	20.57	20.40		
20	64QAM	50	0	19.73	19.84	19.76	21	1.3
20	64QAM	50	24	19.64	19.80	19.67		
20	64QAM	50	50	19.76	19.63	19.59		
20	64QAM	100	0	19.81	19.77	19.72		
20	256QAM	1	0	17.67	17.86	17.80	19	3.3
20	256QAM	1	49	17.73	17.75	17.62		
20	256QAM	1	99	17.71	17.66	17.49		
20	256QAM	50	0	17.75	17.83	17.77	19	3.3
20	256QAM	50	24	17.61	17.78	17.69		
20	256QAM	50	50	17.58	17.65	17.40		
20	256QAM	100	0	17.71	17.53	17.49		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.07	21.08	21.05	22.3	0
15	QPSK	1	37	20.82	21.06	21.03		
15	QPSK	1	74	20.77	20.95	20.87		
15	QPSK	36	0	20.98	21.12	20.83	22.3	0
15	QPSK	36	20	20.80	20.88	20.86		
15	QPSK	36	39	20.87	21.02	20.88		
15	QPSK	75	0	20.90	20.97	20.93		
15	16QAM	1	0	20.94	20.96	20.89	22.3	0
15	16QAM	1	37	20.77	20.92	20.98		
15	16QAM	1	74	20.82	20.89	20.71		
15	16QAM	36	0	20.71	20.74	20.68	22	0.3
15	16QAM	36	20	20.47	20.67	20.44		
15	16QAM	36	39	20.72	20.47	20.41		
15	16QAM	75	0	20.58	20.63	20.50		
15	64QAM	1	0	20.44	20.59	20.57	22	0.3
15	64QAM	1	37	20.32	20.61	20.41		
15	64QAM	1	74	20.54	20.38	20.21		
15	64QAM	36	0	19.53	19.71	19.56	21	1.3
15	64QAM	36	20	19.49	19.60	19.53		
15	64QAM	36	39	19.73	19.48	19.49		
15	64QAM	75	0	19.67	19.68	19.58		
15	256QAM	1	0	17.50	17.67	17.71	19	3.3
15	256QAM	1	37	17.52	17.63	17.56		
15	256QAM	1	74	17.55	17.48	17.41		
15	256QAM	36	0	17.63	17.80	17.68	19	3.3
15	256QAM	36	20	17.46	17.71	17.53		
15	256QAM	36	39	17.40	17.48	17.36		
15	256QAM	75	0	17.51	17.42	17.37		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.05	21.09	20.99	22.3	0
10	QPSK	1	25	20.89	21.05	20.96		
10	QPSK	1	49	20.89	20.95	20.88		
10	QPSK	25	0	20.97	21.04	20.93	22.3	0
10	QPSK	25	12	20.71	20.87	20.84		
10	QPSK	25	25	20.87	20.96	20.80		
10	QPSK	50	0	20.98	20.97	20.92		
10	16QAM	1	0	20.96	21.02	20.89	22.3	0
10	16QAM	1	25	20.77	20.88	20.92		
10	16QAM	1	49	20.72	21.01	20.75		
10	16QAM	25	0	20.56	20.63	20.66	22	0.3
10	16QAM	25	12	20.45	20.70	20.42		
10	16QAM	25	25	20.67	20.55	20.43		
10	16QAM	50	0	20.64	20.68	20.66		
10	64QAM	1	0	20.44	20.63	20.53	22	0.3
10	64QAM	1	25	20.24	20.61	20.43		
10	64QAM	1	49	20.49	20.49	20.20		
10	64QAM	25	0	19.59	19.65	19.66	21	1.3
10	64QAM	25	12	19.59	19.73	19.50		
10	64QAM	25	25	19.63	19.59	19.49		
10	64QAM	50	0	19.71	19.67	19.67		
10	256QAM	1	0	17.49	17.67	17.68	19	3.3
10	256QAM	1	25	17.55	17.54	17.44		
10	256QAM	1	49	17.65	17.55	17.45		
10	256QAM	25	0	17.56	17.77	17.73	19	3.3
10	256QAM	25	12	17.56	17.62	17.65		
10	256QAM	25	25	17.46	17.57	17.35		
10	256QAM	50	0	17.63	17.48	17.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.99	21.06	20.96	22.3	0
5	QPSK	1	12	20.81	21.03	20.93		
5	QPSK	1	24	20.82	20.99	20.84		
5	QPSK	12	0	21.00	21.09	20.92	22.3	0
5	QPSK	12	7	20.74	20.85	20.89		
5	QPSK	12	13	20.89	21.01	20.88		
5	QPSK	25	0	20.94	20.99	20.88		
5	16QAM	1	0	20.91	21.02	20.94	22.3	0
5	16QAM	1	12	20.70	20.91	20.98		
5	16QAM	1	24	20.78	20.99	20.75		
5	16QAM	12	0	20.69	20.79	20.68	22	0.3
5	16QAM	12	7	20.49	20.67	20.52		
5	16QAM	12	13	20.69	20.47	20.31		
5	16QAM	25	0	20.63	20.71	20.54		
5	64QAM	1	0	20.57	20.62	20.58	22	0.3
5	64QAM	1	12	20.35	20.53	20.45		
5	64QAM	1	24	20.46	20.38	20.27		
5	64QAM	12	0	19.59	19.65	19.69	21	1.3
5	64QAM	12	7	19.43	19.74	19.49		
5	64QAM	12	13	19.59	19.47	19.43		
5	64QAM	25	0	19.69	19.60	19.63		
5	256QAM	1	0	17.57	17.78	17.76	19	3.3
5	256QAM	1	12	17.57	17.63	17.56		
5	256QAM	1	24	17.51	17.46	17.35		
5	256QAM	12	0	17.71	17.71	17.66	19	3.3
5	256QAM	12	7	17.57	17.60	17.48		
5	256QAM	12	13	17.51	17.62	17.32		
5	256QAM	25	0	17.58	17.38	17.36		

Band 41 Ant 4 DSI6

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)				2606	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.22	21.19	21.25	21.20	21.18	22.3	0
20	QPSK	1	49	21.09	21.04	21.18	21.10	21.06		
20	QPSK	1	99	21.16	21.04	21.20	21.06	21.03		
20	QPSK	50	0	21.17	21.09	21.19	21.11	21.13	22.3	0
20	QPSK	50	24	21.03	20.96	21.06	20.99	20.92		
20	QPSK	50	50	21.08	21.00	21.13	21.03	20.97		
20	QPSK	100	0	21.16	21.13	21.17	21.12	21.04		
20	16QAM	1	0	21.08	21.10	21.19	21.09	21.08	22.3	0
20	16QAM	1	49	20.95	20.96	21.08	21.07	20.94		
20	16QAM	1	99	21.05	20.95	21.15	21.00	20.89		
20	16QAM	50	0	20.64	20.43	20.61	20.55	20.54	22	0.3
20	16QAM	50	24	20.43	20.36	20.42	20.50	20.32		
20	16QAM	50	50	20.42	20.57	20.54	20.43	20.33		
20	16QAM	100	0	20.43	20.52	20.61	20.53	20.52		
20	64QAM	1	0	20.45	20.22	20.56	20.36	20.45	22	0.3
20	64QAM	1	49	20.32	20.29	20.31	20.32	20.20		
20	64QAM	1	99	20.22	20.29	20.50	20.26	20.35		
20	64QAM	50	0	19.57	19.47	19.68	19.50	19.50	21	1.3
20	64QAM	50	24	19.32	19.39	19.50	19.59	19.35		
20	64QAM	50	50	19.43	19.50	19.52	19.36	19.34		
20	64QAM	100	0	19.50	19.54	19.60	19.58	19.44		
20	256QAM	1	0	17.62	17.45	17.56	17.60	17.63	19	3.3
20	256QAM	1	49	17.43	17.36	17.41	17.49	17.36		
20	256QAM	1	99	17.45	17.56	17.57	17.50	17.42		
20	256QAM	50	0	17.57	17.48	17.60	17.52	17.45	19	3.3
20	256QAM	50	24	17.53	17.20	17.48	17.31	17.51		
20	256QAM	50	50	17.17	17.23	17.24	17.30	17.19		
20	256QAM	100	0	17.34	17.29	17.37	17.33	17.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.16	21.09	21.20	21.17	21.06	22.3	0
15	QPSK	1	37	21.02	20.98	21.10	21.03	20.97		
15	QPSK	1	74	21.05	20.95	21.10	21.02	20.97		
15	QPSK	36	0	21.10	21.05	21.06	20.96	21.05	22.3	0
15	QPSK	36	20	20.91	20.82	20.97	20.89	20.81		
15	QPSK	36	39	21.01	20.96	20.98	20.89	20.90		
15	QPSK	75	0	21.07	21.10	21.03	21.06	20.96		
15	16QAM	1	0	20.95	21.02	21.06	21.04	21.00	22.3	0
15	16QAM	1	37	20.80	20.90	20.95	20.96	20.85		
15	16QAM	1	74	21.00	20.91	21.07	20.85	20.81		
15	16QAM	36	0	20.57	20.34	20.42	20.43	20.37	22	0.3
15	16QAM	36	20	20.27	20.28	20.24	20.35	20.26		
15	16QAM	36	39	20.24	20.38	20.38	20.28	20.27		
15	16QAM	75	0	20.25	20.32	20.41	20.43	20.36		
15	64QAM	1	0	20.32	20.18	20.47	20.32	20.36	22	0.3
15	64QAM	1	37	20.18	20.26	20.22	20.15	20.15		
15	64QAM	1	74	20.12	20.21	20.31	20.22	20.17		
15	64QAM	36	0	19.42	19.44	19.59	19.38	19.36	21	1.3
15	64QAM	36	20	19.18	19.28	19.39	19.44	19.24		
15	64QAM	36	39	19.34	19.32	19.42	19.22	19.21		
15	64QAM	75	0	19.40	19.46	19.43	19.44	19.26		
15	256QAM	1	0	17.53	17.42	17.45	17.43	17.50	19	3.3
15	256QAM	1	37	17.26	17.28	17.31	17.45	17.17		
15	256QAM	1	74	17.41	17.51	17.43	17.46	17.39		
15	256QAM	36	0	17.45	17.40	17.48	17.42	17.27	19	3.3
15	256QAM	36	20	17.43	17.08	17.29	17.14	17.42		
15	256QAM	36	39	17.01	17.15	17.05	17.11	17.08		
15	256QAM	75	0	17.27	17.15	17.23	17.21	17.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2601	2547	2593	2639	2685		
10	QPSK	1	0	21.14	21.15	21.18	21.10	21.04	22.3	0
10	QPSK	1	25	20.96	20.99	21.11	21.02	20.93		
10	QPSK	1	49	21.10	20.90	21.13	21.00	20.92		
10	QPSK	25	0	21.08	21.02	21.10	21.06	20.98	22.3	0
10	QPSK	25	12	20.84	20.82	20.98	20.90	20.87		
10	QPSK	25	25	20.93	20.94	20.99	20.95	20.89		
10	QPSK	50	0	21.07	21.08	21.08	21.06	20.96		
10	16QAM	1	0	20.96	21.05	21.05	20.99	21.00	22.3	0
10	16QAM	1	25	20.81	20.89	20.93	20.94	20.86		
10	16QAM	1	49	20.92	20.90	21.03	20.92	20.85		
10	16QAM	25	0	20.58	20.28	20.56	20.40	20.34	22	0.3
10	16QAM	25	12	20.25	20.26	20.23	20.42	20.27		
10	16QAM	25	25	20.27	20.53	20.50	20.37	20.16		
10	16QAM	50	0	20.40	20.34	20.48	20.37	20.31		
10	64QAM	1	0	20.41	20.09	20.50	20.17	20.27	22	0.3
10	64QAM	1	25	20.12	20.22	20.14	20.16	20.04		
10	64QAM	1	49	20.07	20.13	20.42	20.06	20.25		
10	64QAM	25	0	19.37	19.32	19.47	19.34	19.40	21	1.3
10	64QAM	25	12	19.17	19.25	19.31	19.52	19.31		
10	64QAM	25	25	19.34	19.34	19.40	19.31	19.25		
10	64QAM	50	0	19.37	19.49	19.49	19.54	19.28		
10	256QAM	1	0	17.56	17.37	17.41	17.43	17.46	19	3.3
10	256QAM	1	25	17.31	17.15	17.29	17.34	17.28		
10	256QAM	1	49	17.32	17.37	17.49	17.41	17.22		
10	256QAM	25	0	17.48	17.38	17.54	17.48	17.34	19	3.3
10	256QAM	25	12	17.39	17.16	17.35	17.26	17.33		
10	256QAM	25	25	17.12	17.08	17.15	17.25	17.09		
10	256QAM	50	0	17.28	17.20	17.19	17.29	17.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.13	21.13	21.18	21.14	21.11	22.3	0
5	QPSK	1	12	21.04	20.94	21.04	21.05	20.99		
5	QPSK	1	24	21.07	20.90	21.15	20.94	20.99		
5	QPSK	12	0	21.09	20.98	21.11	21.06	20.98	22.3	0
5	QPSK	12	7	20.90	20.92	20.92	20.87	20.84		
5	QPSK	12	13	21.00	20.86	21.04	20.91	20.90		
5	QPSK	25	0	21.03	21.06	21.10	21.06	21.00		
5	16QAM	1	0	20.94	20.99	21.16	20.97	20.93	22.3	0
5	16QAM	1	12	20.91	20.89	20.94	21.00	20.88		
5	16QAM	1	24	20.97	20.81	21.01	20.91	20.82		
5	16QAM	12	0	20.59	20.35	20.57	20.34	20.48	22	0.3
5	16QAM	12	7	20.39	20.17	20.27	20.37	20.21		
5	16QAM	12	13	20.24	20.39	20.38	20.26	20.28		
5	16QAM	25	0	20.29	20.45	20.57	20.34	20.46		
5	64QAM	1	0	20.33	20.11	20.46	20.31	20.27	22	0.3
5	64QAM	1	12	20.27	20.15	20.16	20.26	20.15		
5	64QAM	1	24	20.10	20.20	20.37	20.08	20.19		
5	64QAM	12	0	19.40	19.37	19.65	19.41	19.31	21	1.3
5	64QAM	12	7	19.23	19.28	19.29	19.38	19.26		
5	64QAM	12	13	19.25	19.45	19.32	19.18	19.23		
5	64QAM	25	0	19.31	19.43	19.49	19.42	19.30		
5	256QAM	1	0	17.52	17.29	17.39	17.48	17.56	19	3.3
5	256QAM	1	12	17.30	17.22	17.28	17.37	17.18		
5	256QAM	1	24	17.26	17.39	17.39	17.46	17.30		
5	256QAM	12	0	17.37	17.30	17.41	17.40	17.37	19	3.3
5	256QAM	12	7	17.50	17.12	17.40	17.19	17.45		
5	256QAM	12	13	17.13	17.16	17.11	17.18	17.14		
5	256QAM	25	0	17.18	17.25	17.28	17.24	17.08		

Band 42 Ant 5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.70	21.78	21.74		
20	QPSK	1	49	21.59	21.74	21.70	22.7	0
20	QPSK	1	99	21.58	21.70	21.66		
20	QPSK	50	0	21.30	21.42	21.40		
20	QPSK	50	24	21.28	21.27	21.24	22.7	0
20	QPSK	50	50	21.11	21.31	21.15		
20	QPSK	100	0	21.23	21.30	21.27		
20	16QAM	1	0	21.20	21.26	21.11		
20	16QAM	1	49	21.13	21.09	21.17	22.7	0
20	16QAM	1	99	21.00	21.07	21.03		
20	16QAM	50	0	20.76	20.86	20.83		
20	16QAM	50	24	20.73	20.83	20.83	22	0.7
20	16QAM	50	50	20.55	20.87	20.61		
20	16QAM	100	0	20.66	20.73	20.77		
20	64QAM	1	0	20.66	20.75	20.52		
20	64QAM	1	49	20.68	20.66	20.74	22	0.7
20	64QAM	1	99	20.41	20.58	20.54		
20	64QAM	50	0	19.84	19.84	19.93		
20	64QAM	50	24	19.73	19.71	19.71	21	1.7
20	64QAM	50	50	19.65	19.73	19.57		
20	64QAM	100	0	19.70	19.79	19.81		
20	256QAM	1	0	17.79	17.96	17.91		
20	256QAM	1	49	17.85	17.83	17.72	19	3.7
20	256QAM	1	99	17.66	17.85	17.83		
20	256QAM	50	0	17.79	17.77	17.72		
20	256QAM	50	24	17.63	17.77	17.66	19	3.7
20	256QAM	50	50	17.69	17.65	17.71		
20	256QAM	100	0	17.42	17.50	17.49		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.59	21.74	21.67		
15	QPSK	1	37	21.45	21.60	21.64	22.7	0
15	QPSK	1	74	21.51	21.62	21.60		
15	QPSK	36	0	21.23	21.28	21.32		
15	QPSK	36	20	21.18	21.15	21.13	22.7	0
15	QPSK	36	39	21.02	21.13	21.12		
15	QPSK	75	0	21.08	21.13	21.08		
15	16QAM	1	0	21.15	21.07	20.92		
15	16QAM	1	37	20.98	20.93	21.07	22.7	0
15	16QAM	1	74	20.97	21.04	20.84		
15	16QAM	36	0	20.66	20.81	20.64		
15	16QAM	36	20	20.56	20.77	20.65	22	0.7
15	16QAM	36	39	20.41	20.80	20.48		
15	16QAM	75	0	20.55	20.63	20.56		
15	64QAM	1	0	20.46	20.70	20.41		
15	64QAM	1	37	20.54	20.56	20.68	22	0.7
15	64QAM	1	74	20.36	20.53	20.45		
15	64QAM	36	0	19.66	19.72	19.77		
15	64QAM	36	20	19.70	19.60	19.54	21	1.7
15	64QAM	36	39	19.55	19.61	19.52		
15	64QAM	75	0	19.50	19.59	19.69		
15	256QAM	1	0	17.59	17.89	17.70		
15	256QAM	1	37	17.72	17.75	17.54	19	3.7
15	256QAM	1	74	17.57	17.67	17.48		
15	256QAM	36	0	17.63	17.74	17.55		
15	256QAM	36	20	17.42	17.70	17.52	19	3.7
15	256QAM	36	39	17.61	17.45	17.62		
15	256QAM	75	0	17.35	17.36	17.38		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.56	21.74	21.66		
10	QPSK	1	25	21.49	21.62	21.62	22.7	0
10	QPSK	1	49	21.44	21.63	21.54		
10	QPSK	25	0	21.25	21.29	21.19		
10	QPSK	25	12	21.11	21.19	21.11	22.7	0
10	QPSK	25	25	21.01	21.11	21.01		
10	QPSK	50	0	21.12	21.15	21.23		
10	16QAM	1	0	21.04	21.23	20.98		
10	16QAM	1	25	20.93	20.92	21.04	22.7	0
10	16QAM	1	49	20.87	20.97	20.85		
10	16QAM	25	0	20.67	20.69	20.79		
10	16QAM	25	12	20.62	20.73	20.69	22	0.7
10	16QAM	25	25	20.37	20.79	20.43		
10	16QAM	50	0	20.49	20.54	20.67		
10	64QAM	1	0	20.52	20.65	20.40		
10	64QAM	1	25	20.60	20.56	20.64	22	0.7
10	64QAM	1	49	20.35	20.50	20.37		
10	64QAM	25	0	19.71	19.74	19.79		
10	64QAM	25	12	19.61	19.66	19.57	21	1.7
10	64QAM	25	25	19.48	19.68	19.48		
10	64QAM	50	0	19.65	19.61	19.78		
10	256QAM	1	0	17.67	17.90	17.72		
10	256QAM	1	25	17.80	17.62	17.64	19	3.7
10	256QAM	1	49	17.54	17.73	17.55		
10	256QAM	25	0	17.63	17.69	17.60		
10	256QAM	25	12	17.52	17.63	17.48	19	3.7
10	256QAM	25	25	17.58	17.49	17.57		
10	256QAM	50	0	17.35	17.33	17.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.55	21.66	21.69		
5	QPSK	1	12	21.52	21.60	21.57	22.7	0
5	QPSK	1	24	21.44	21.64	21.60		
5	QPSK	12	0	21.11	21.22	21.31		
5	QPSK	12	7	21.18	21.10	21.05	22.7	0
5	QPSK	12	13	20.92	21.17	20.96		
5	QPSK	25	0	21.03	21.24	21.14		
5	16QAM	1	0	21.14	21.20	20.96		
5	16QAM	1	12	21.08	20.99	21.06	22.7	0
5	16QAM	1	24	20.88	21.03	20.89		
5	16QAM	12	0	20.58	20.73	20.67		
5	16QAM	12	7	20.55	20.63	20.77	22	0.7
5	16QAM	12	13	20.47	20.80	20.51		
5	16QAM	25	0	20.55	20.63	20.64		
5	64QAM	1	0	20.54	20.62	20.36		
5	64QAM	1	12	20.52	20.53	20.70	22	0.7
5	64QAM	1	24	20.21	20.54	20.36		
5	64QAM	12	0	19.74	19.80	19.89		
5	64QAM	12	7	19.61	19.63	19.56	21	1.7
5	64QAM	12	13	19.46	19.55	19.50		
5	64QAM	25	0	19.49	19.61	19.75		
5	256QAM	1	0	17.76	17.85	17.87		
5	256QAM	1	12	17.66	17.66	17.62	19	3.7
5	256QAM	1	24	17.63	17.73	17.44		
5	256QAM	12	0	17.63	17.65	17.59		
5	256QAM	12	7	17.54	17.60	17.53	19	3.7
5	256QAM	12	13	17.53	17.61	17.66		
5	256QAM	25	0	17.24	17.29	17.32		

Reduced Power Mode for DSI7

	GSM850 Ant 0 DSI7							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	190	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.27	32.37	32.22	33.50	23.27	23.37	23.22	24.50
GPRS 1 Tx slot	32.25	32.40	32.30	33.50	23.25	23.40	23.30	24.50
GPRS 2 Tx slots	30.27	30.38	30.38	31.50	24.27	24.38	24.38	25.50
GPRS 3 Tx slots	28.51	28.64	28.53	29.50	24.25	24.38	24.27	25.24
GPRS 4 Tx slots	26.92	27.00	27.00	28.00	23.92	24.00	24.00	25.00
EDGE 1 Tx slot	25.25	25.44	25.36	26.50	16.25	16.44	16.36	17.50
EDGE 2 Tx slots	24.89	25.07	25.02	26.00	18.89	19.07	19.02	20.00
EDGE 3 Tx slots	24.31	24.44	24.32	25.50	20.05	20.18	20.08	21.24
EDGE 4 Tx slots	23.71	23.79	23.63	25.00	20.71	20.79	20.63	22.00

	GSM1900 Ant 0 DSI7							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.45	24.76	24.68	25.80	15.45	15.76	15.68	16.80
GPRS 1 Tx slot	24.48	24.88	24.78	25.80	15.48	15.88	15.78	16.80
GPRS 2 Tx slots	21.28	21.67	21.54	22.80	15.28	15.67	15.54	16.80
GPRS 3 Tx slots	19.69	19.99	19.65	21.00	15.43	15.73	15.39	16.74
GPRS 4 Tx slots	18.25	18.52	18.41	19.80	15.25	15.52	15.41	16.80
EDGE 1 Tx slot	23.90	24.18	24.15	25.80	14.90	15.18	15.15	16.80
EDGE 2 Tx slots	21.44	21.76	21.60	22.80	15.44	15.76	15.60	16.80
EDGE 3 Tx slots	19.67	19.98	19.95	21.00	15.41	15.72	15.69	16.74
EDGE 4 Tx slots	18.36	18.83	18.32	19.80	15.36	15.63	15.32	16.80

		WCDMA II Ant 0 DSI7				WCDMA IV Ant 0 DSI7				WCDMA V Ant 0 DSI7			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.19	16.13	16.11	17.30	15.40	15.38	15.40	16.70	23.08	23.11	23.09	24.00
3GPP Rel 99	RMC 12.2Kbps	16.23	16.25	16.20	17.30	15.44	15.50	15.46	16.70	23.12	23.16	23.15	24.00
3GPP Rel 6	HSDPA Subtest-1	15.21	15.29	15.20	16.30	14.45	14.52	14.51	15.70	22.20	22.24	22.07	23.00
3GPP Rel 6	HSDPA Subtest-2	15.17	15.21	15.26	16.30	14.43	14.49	14.49	15.70	22.11	22.20	22.14	23.00
3GPP Rel 6	HSDPA Subtest-3	14.75	14.72	14.70	15.80	13.91	13.96	13.99	15.20	21.63	21.63	21.73	22.50
3GPP Rel 6	HSDPA Subtest-4	14.78	14.79	14.70	15.80	13.94	14.02	13.92	15.20	21.57	21.62	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	15.20	15.29	15.15	16.30	14.47	14.46	14.50	15.70	22.15	22.12	22.17	23.00
3GPP Rel 6	HSUPA Subtest-2	13.22	13.19	13.17	14.30	12.41	12.52	12.44	13.70	20.15	20.08	20.22	21.00
3GPP Rel 6	HSUPA Subtest-3	14.20	14.30	14.25	15.30	13.48	13.52	13.41	14.70	21.10	21.14	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	13.24	13.20	13.18	14.30	12.49	12.52	12.50	13.70	20.11	20.16	20.06	21.00
3GPP Rel 6	HSUPA Subtest-5	15.23	15.22	15.20	16.30	14.40	14.45	14.49	15.70	22.21	22.20	22.08	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.68	12.72	12.70	13.80	11.93	12.05	11.94	13.20	19.62	19.60	19.82	20.50

Band 2 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.33	16.45	16.37		
20	QPSK	1	49	16.17	16.40	16.20	17.7	0
20	QPSK	1	99	16.33	16.23	16.27		
20	QPSK	50	0	16.30	16.32	16.24		
20	QPSK	50	24	16.05	16.27	16.11	17.7	0
20	QPSK	50	50	16.19	16.22	16.12		
20	QPSK	100	0	16.27	16.28	16.24		
20	16QAM	1	0	16.30	16.36	16.24		
20	16QAM	1	49	16.13	16.32	16.08	17.7	0
20	16QAM	1	99	16.20	16.29	16.14		
20	16QAM	50	0	16.29	16.23	16.11		
20	16QAM	50	24	15.94	16.17	15.96	17.7	0
20	16QAM	50	50	16.18	16.17	16.02		
20	16QAM	100	0	16.09	16.07	16.11		
20	64QAM	1	0	16.25	16.40	16.17		
20	64QAM	1	49	16.14	16.35	16.12	17.7	0
20	64QAM	1	99	16.15	16.25	16.19		
20	64QAM	50	0	16.19	16.21	16.05		
20	64QAM	50	24	16.04	16.24	16.03	17.7	0
20	64QAM	50	50	16.08	16.20	16.03		
20	64QAM	100	0	16.05	16.16	16.16		
20	256QAM	1	0	16.30	16.30	16.28		
20	256QAM	1	49	16.20	16.29	16.09	17.7	0
20	256QAM	1	99	16.19	16.32	16.20		
20	256QAM	50	0	16.21	16.18	16.13		
20	256QAM	50	24	16.08	16.24	16.03	17.7	0
20	256QAM	50	50	16.09	16.04	16.07		
20	256QAM	100	0	16.25	16.18	16.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.26	16.32	16.26		
15	QPSK	1	37	16.04	16.34	16.14	17.7	0
15	QPSK	1	74	16.30	16.24	16.20		
15	QPSK	36	0	16.20	16.25	16.14		
15	QPSK	36	20	15.93	16.15	15.99	17.7	0
15	QPSK	36	39	16.05	16.09	15.97		
15	QPSK	75	0	16.16	16.24	16.19		
15	16QAM	1	0	16.24	16.28	16.15		
15	16QAM	1	37	16.10	16.24	16.00	17.7	0
15	16QAM	1	74	16.15	16.23	16.07		
15	16QAM	36	0	16.23	16.10	16.05		
15	16QAM	36	20	15.90	16.13	15.85	17.7	0
15	16QAM	36	39	16.06	16.13	15.96		
15	16QAM	75	0	16.01	15.93	16.07		
15	64QAM	1	0	16.21	16.35	16.02		
15	64QAM	1	37	16.10	16.27	16.03	17.7	0
15	64QAM	1	74	16.09	16.19	16.15		
15	64QAM	36	0	16.09	16.07	15.93		
15	64QAM	36	20	15.91	16.18	15.88	17.7	0
15	64QAM	36	39	16.04	16.11	15.95		
15	64QAM	75	0	15.94	16.10	16.07		
15	256QAM	1	0	16.23	16.25	16.25		
15	256QAM	1	37	16.11	16.19	16.05	17.7	0
15	256QAM	1	74	16.14	16.26	16.13		
15	256QAM	36	0	16.15	16.05	16.08		
15	256QAM	36	20	16.00	16.20	15.91	17.7	0
15	256QAM	36	39	15.99	15.99	16.00		
15	256QAM	75	0	16.13	16.07	16.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.28	16.42	16.33		
10	QPSK	1	25	16.12	16.27	16.08	17.7	0
10	QPSK	1	49	16.24	16.18	16.19		
10	QPSK	25	0	16.16	16.27	16.20		
10	QPSK	25	12	15.93	16.12	16.07	17.7	0
10	QPSK	25	25	16.05	16.13	15.98		
10	QPSK	50	0	16.22	16.22	16.14		
10	16QAM	1	0	16.16	16.26	16.15		
10	16QAM	1	25	16.06	16.28	15.95	17.7	0
10	16QAM	1	49	16.06	16.28	16.08		
10	16QAM	25	0	16.19	16.08	16.06		
10	16QAM	25	12	15.83	16.03	15.82	17.7	0
10	16QAM	25	25	16.12	16.06	15.93		
10	16QAM	50	0	15.98	16.01	15.99		
10	64QAM	1	0	16.12	16.33	16.06		
10	64QAM	1	25	16.04	16.29	15.98	17.7	0
10	64QAM	1	49	16.04	16.17	16.09		
10	64QAM	25	0	16.12	16.16	15.99		
10	64QAM	25	12	15.95	16.19	15.94	17.7	0
10	64QAM	25	25	15.95	16.16	15.89		
10	64QAM	50	0	15.91	16.10	16.11		
10	256QAM	1	0	16.25	16.27	16.17		
10	256QAM	1	25	16.14	16.23	16.04	17.7	0
10	256QAM	1	49	16.07	16.27	16.15		
10	256QAM	25	0	16.15	16.05	16.08		
10	256QAM	25	12	15.93	16.12	15.95	17.7	0
10	256QAM	25	25	15.97	15.99	15.93		
10	256QAM	50	0	16.18	16.11	16.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.22	16.38	16.33		
5	QPSK	1	12	16.12	16.29	16.10	17.7	0
5	QPSK	1	24	16.19	16.14	16.21		
5	QPSK	12	0	16.22	16.22	16.17		
5	QPSK	12	7	15.96	16.21	16.04	17.7	0
5	QPSK	12	13	16.14	16.08	16.00		
5	QPSK	25	0	16.22	16.24	16.17		
5	16QAM	1	0	16.22	16.25	16.13		
5	16QAM	1	12	16.00	16.26	16.04	17.7	0
5	16QAM	1	24	16.15	16.19	16.04		
5	16QAM	12	0	16.22	16.11	16.07		
5	16QAM	12	7	15.84	16.07	15.84	17.7	0
5	16QAM	12	13	16.06	16.04	15.97		
5	16QAM	25	0	15.97	16.00	16.07		
5	64QAM	1	0	16.15	16.26	16.10		
5	64QAM	1	12	16.02	16.28	16.04	17.7	0
5	64QAM	1	24	16.01	16.20	16.04		
5	64QAM	12	0	16.07	16.17	15.98		
5	64QAM	12	7	15.91	16.10	16.00	17.7	0
5	64QAM	12	13	16.01	16.08	15.99		
5	64QAM	25	0	16.02	16.08	16.04		
5	256QAM	1	0	16.18	16.26	16.17		
5	256QAM	1	12	16.13	16.20	15.97	17.7	0
5	256QAM	1	24	16.10	16.27	16.14		
5	256QAM	12	0	16.15	16.12	16.01		
5	256QAM	12	7	16.01	16.11	15.98	17.7	0
5	256QAM	12	13	16.02	15.95	15.91		
5	256QAM	25	0	16.11	16.13	16.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.26	16.32	16.27		
3	QPSK	1	8	16.11	16.30	16.09	17.7	0
3	QPSK	1	14	16.27	16.25	16.17		
3	QPSK	8	0	16.19	16.25	16.12		
3	QPSK	8	4	15.92	16.16	16.00	17.7	0
3	QPSK	8	7	16.11	16.08	16.03		
3	QPSK	15	0	16.18	16.21	16.13		
3	16QAM	1	0	16.19	16.28	16.14		
3	16QAM	1	8	15.99	16.18	16.00	17.7	0
3	16QAM	1	14	16.08	16.19	16.10		
3	16QAM	8	0	16.19	16.17	15.99		
3	16QAM	8	4	15.81	16.05	15.88	17.7	0
3	16QAM	8	7	16.10	16.07	15.94		
3	16QAM	15	0	15.99	15.95	16.07		
3	64QAM	1	0	16.17	16.34	16.13		
3	64QAM	1	8	16.08	16.21	16.04	17.7	0
3	64QAM	1	14	16.04	16.11	16.07		
3	64QAM	8	0	16.04	16.11	15.97		
3	64QAM	8	4	15.98	16.18	15.95	17.7	0
3	64QAM	8	7	15.95	16.11	15.90		
3	64QAM	15	0	15.91	16.08	16.04		
3	256QAM	1	0	16.17	16.24	16.17		
3	256QAM	1	8	16.07	16.25	16.00	17.7	0
3	256QAM	1	14	16.11	16.19	16.17		
3	256QAM	8	0	16.12	16.12	16.10		
3	256QAM	8	4	15.93	16.19	15.88	17.7	0
3	256QAM	8	7	15.99	15.97	15.90		
3	256QAM	15	0	16.12	16.15	16.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.24	16.34	16.26		
1.4	QPSK	1	3	16.11	16.28	16.15		
1.4	QPSK	1	5	16.28	16.17	16.21	17.7	0
1.4	QPSK	3	0	16.19	16.24	16.10		
1.4	QPSK	3	1	15.97	16.16	16.01		
1.4	QPSK	3	3	16.12	16.07	16.00		
1.4	QPSK	6	0	16.21	16.15	16.20	17.7	0
1.4	16QAM	1	0	16.26	16.27	16.18		
1.4	16QAM	1	3	16.10	16.20	15.98		
1.4	16QAM	1	5	16.12	16.20	16.08	17.7	0
1.4	16QAM	3	0	16.20	16.17	16.05		
1.4	16QAM	3	1	15.88	16.04	15.84		
1.4	16QAM	3	3	16.15	16.12	15.90		
1.4	16QAM	6	0	16.04	16.01	16.01	17.7	0
1.4	64QAM	1	0	16.16	16.32	16.10		
1.4	64QAM	1	3	16.10	16.22	15.98		
1.4	64QAM	1	5	16.10	16.18	16.09	17.7	0
1.4	64QAM	3	0	16.09	16.17	15.93		
1.4	64QAM	3	1	15.94	16.11	15.95		
1.4	64QAM	3	3	15.99	16.12	15.97		
1.4	64QAM	6	0	16.01	16.05	16.02	17.7	0
1.4	256QAM	1	0	16.24	16.26	16.19		
1.4	256QAM	1	3	16.08	16.22	15.95		
1.4	256QAM	1	5	16.06	16.24	16.07	17.7	0
1.4	256QAM	3	0	16.16	16.14	16.10		
1.4	256QAM	3	1	16.00	16.12	15.89		
1.4	256QAM	3	3	16.01	15.93	15.96		
1.4	256QAM	6	0	16.17	16.04	16.12	17.7	0

Band 4 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.57	15.72	15.69		
20	QPSK	1	49	15.57	15.66	15.52	17	0
20	QPSK	1	99	15.57	15.59	15.58		
20	QPSK	50	0	15.61	15.68	15.57		
20	QPSK	50	24	15.51	15.49	15.52	17	0
20	QPSK	50	50	15.44	15.58	15.50		
20	QPSK	100	0	15.53	15.54	15.54		
20	16QAM	1	0	15.63	15.62	15.60		
20	16QAM	1	49	15.47	15.56	15.50	17	0
20	16QAM	1	99	15.54	15.58	15.58		
20	16QAM	50	0	15.61	15.63	15.58		
20	16QAM	50	24	15.39	15.48	15.51	17	0
20	16QAM	50	50	15.33	15.47	15.46		
20	16QAM	100	0	15.42	15.48	15.55		
20	64QAM	1	0	15.53	15.62	15.67		
20	64QAM	1	49	15.51	15.53	15.44	17	0
20	64QAM	1	99	15.55	15.65	15.49		
20	64QAM	50	0	15.53	15.63	15.46		
20	64QAM	50	24	15.41	15.44	15.39	17	0
20	64QAM	50	50	15.38	15.48	15.46		
20	64QAM	100	0	15.50	15.54	15.50		
20	256QAM	1	0	15.65	15.61	15.58		
20	256QAM	1	49	15.51	15.68	15.57	17	0
20	256QAM	1	99	15.50	15.55	15.51		
20	256QAM	50	0	15.44	15.52	15.45		
20	256QAM	50	24	15.41	15.32	15.43	17	0
20	256QAM	50	50	15.44	15.47	15.52		
20	256QAM	100	0	15.48	15.42	15.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.55	15.61	15.65		
15	QPSK	1	37	15.53	15.62	15.43	17	0
15	QPSK	1	74	15.52	15.48	15.56		
15	QPSK	36	0	15.57	15.62	15.55		
15	QPSK	36	20	15.49	15.46	15.49	17	0
15	QPSK	36	39	15.32	15.55	15.39		
15	QPSK	75	0	15.51	15.48	15.54		
15	16QAM	1	0	15.56	15.57	15.59		
15	16QAM	1	37	15.47	15.53	15.49	17	0
15	16QAM	1	74	15.49	15.48	15.56		
15	16QAM	36	0	15.50	15.60	15.55		
15	16QAM	36	20	15.34	15.41	15.50	17	0
15	16QAM	36	39	15.31	15.36	15.45		
15	16QAM	75	0	15.41	15.43	15.44		
15	64QAM	1	0	15.48	15.53	15.56		
15	64QAM	1	37	15.42	15.45	15.42	17	0
15	64QAM	1	74	15.45	15.55	15.47		
15	64QAM	36	0	15.52	15.62	15.36		
15	64QAM	36	20	15.35	15.33	15.34	17	0
15	64QAM	36	39	15.37	15.44	15.42		
15	64QAM	75	0	15.49	15.46	15.50		
15	256QAM	1	0	15.62	15.58	15.56		
15	256QAM	1	37	15.49	15.48	15.57	17	0
15	256QAM	1	74	15.47	15.48	15.42		
15	256QAM	36	0	15.36	15.49	15.44		
15	256QAM	36	20	15.37	15.31	15.42	17	0
15	256QAM	36	39	15.40	15.36	15.46		
15	256QAM	75	0	15.42	15.39	15.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.57	15.63	15.67		
10	QPSK	1	25	15.52	15.65	15.52	17	0
10	QPSK	1	49	15.46	15.49	15.59		
10	QPSK	25	0	15.54	15.56	15.46		
10	QPSK	25	12	15.44	15.49	15.44	17	0
10	QPSK	25	25	15.34	15.46	15.46		
10	QPSK	50	0	15.52	15.45	15.47		
10	16QAM	1	0	15.54	15.60	15.51		
10	16QAM	1	25	15.42	15.46	15.47	17	0
10	16QAM	1	49	15.51	15.54	15.52		
10	16QAM	25	0	15.61	15.57	15.55		
10	16QAM	25	12	15.29	15.45	15.42	17	0
10	16QAM	25	25	15.32	15.46	15.43		
10	16QAM	50	0	15.38	15.37	15.47		
10	64QAM	1	0	15.53	15.61	15.65		
10	64QAM	1	25	15.46	15.52	15.39	17	0
10	64QAM	1	49	15.43	15.55	15.45		
10	64QAM	25	0	15.48	15.61	15.45		
10	64QAM	25	12	15.40	15.38	15.32	17	0
10	64QAM	25	25	15.28	15.41	15.40		
10	64QAM	50	0	15.43	15.45	15.46		
10	256QAM	1	0	15.48	15.50	15.53		
10	256QAM	1	25	15.49	15.63	15.51	17	0
10	256QAM	1	49	15.49	15.53	15.50		
10	256QAM	25	0	15.44	15.51	15.44		
10	256QAM	25	12	15.29	15.23	15.38	17	0
10	256QAM	25	25	15.39	15.44	15.51		
10	256QAM	50	0	15.45	15.38	15.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.55	15.70	15.68		
5	QPSK	1	12	15.49	15.57	15.44	17	0
5	QPSK	1	24	15.47	15.53	15.59		
5	QPSK	12	0	15.55	15.66	15.55		
5	QPSK	12	7	15.40	15.38	15.49	17	0
5	QPSK	12	13	15.33	15.46	15.42		
5	QPSK	25	0	15.46	15.43	15.48		
5	16QAM	1	0	15.58	15.59	15.59		
5	16QAM	1	12	15.38	15.55	15.42	17	0
5	16QAM	1	24	15.50	15.56	15.52		
5	16QAM	12	0	15.60	15.56	15.46		
5	16QAM	12	7	15.31	15.41	15.43	17	0
5	16QAM	12	13	15.29	15.43	15.42		
5	16QAM	25	0	15.31	15.43	15.44		
5	64QAM	1	0	15.51	15.58	15.56		
5	64QAM	1	12	15.40	15.50	15.34	17	0
5	64QAM	1	24	15.48	15.54	15.48		
5	64QAM	12	0	15.47	15.52	15.36		
5	64QAM	12	7	15.41	15.44	15.30	17	0
5	64QAM	12	13	15.26	15.39	15.40		
5	64QAM	25	0	15.38	15.49	15.43		
5	256QAM	1	0	15.59	15.60	15.57		
5	256QAM	1	12	15.39	15.62	15.51	17	0
5	256QAM	1	24	15.47	15.50	15.46		
5	256QAM	12	0	15.39	15.47	15.40		
5	256QAM	12	7	15.40	15.28	15.37	17	0
5	256QAM	12	13	15.42	15.44	15.44		
5	256QAM	25	0	15.45	15.33	15.49		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.46	15.70	15.62		
3	QPSK	1	8	15.53	15.62	15.48	17	0
3	QPSK	1	14	15.56	15.54	15.51		
3	QPSK	8	0	15.58	15.68	15.49		
3	QPSK	8	4	15.48	15.40	15.48	17	0
3	QPSK	8	7	15.38	15.53	15.46		
3	QPSK	15	0	15.53	15.43	15.48		
3	16QAM	1	0	15.58	15.56	15.52		
3	16QAM	1	8	15.36	15.46	15.44	17	0
3	16QAM	1	14	15.44	15.54	15.57		
3	16QAM	8	0	15.53	15.56	15.50		
3	16QAM	8	4	15.31	15.48	15.48	17	0
3	16QAM	8	7	15.23	15.37	15.34		
3	16QAM	15	0	15.31	15.46	15.52		
3	64QAM	1	0	15.52	15.57	15.67		
3	64QAM	1	8	15.45	15.52	15.44	17	0
3	64QAM	1	14	15.43	15.55	15.38		
3	64QAM	8	0	15.50	15.62	15.41		
3	64QAM	8	4	15.30	15.37	15.31	17	0
3	64QAM	8	7	15.37	15.42	15.39		
3	64QAM	15	0	15.47	15.43	15.44		
3	256QAM	1	0	15.63	15.53	15.52		
3	256QAM	1	8	15.44	15.58	15.48	17	0
3	256QAM	1	14	15.43	15.48	15.45		
3	256QAM	8	0	15.43	15.50	15.34		
3	256QAM	8	4	15.39	15.30	15.38	17	0
3	256QAM	8	7	15.43	15.40	15.41		
3	256QAM	15	0	15.45	15.31	15.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.53	15.71	15.67		
1.4	QPSK	1	3	15.55	15.66	15.44		
1.4	QPSK	1	5	15.52	15.56	15.53	17	0
1.4	QPSK	3	0	15.54	15.58	15.49		
1.4	QPSK	3	1	15.51	15.38	15.47		
1.4	QPSK	3	3	15.41	15.48	15.39		
1.4	QPSK	6	0	15.51	15.45	15.45	17	0
1.4	16QAM	1	0	15.53	15.56	15.54		
1.4	16QAM	1	3	15.46	15.50	15.44		
1.4	16QAM	1	5	15.45	15.51	15.47	17	0
1.4	16QAM	3	0	15.61	15.55	15.50		
1.4	16QAM	3	1	15.29	15.45	15.42		
1.4	16QAM	3	3	15.30	15.40	15.41		
1.4	16QAM	6	0	15.39	15.39	15.50	17	0
1.4	64QAM	1	0	15.43	15.59	15.57		
1.4	64QAM	1	3	15.45	15.43	15.39		
1.4	64QAM	1	5	15.47	15.65	15.48	17	0
1.4	64QAM	3	0	15.44	15.62	15.44		
1.4	64QAM	3	1	15.41	15.35	15.37		
1.4	64QAM	3	3	15.31	15.42	15.38		
1.4	64QAM	6	0	15.41	15.54	15.44	17	0
1.4	256QAM	1	0	15.60	15.55	15.47		
1.4	256QAM	1	3	15.49	15.66	15.49		
1.4	256QAM	1	5	15.42	15.46	15.48	17	0
1.4	256QAM	3	0	15.42	15.50	15.38		
1.4	256QAM	3	1	15.40	15.31	15.40		
1.4	256QAM	3	3	15.36	15.39	15.42		
1.4	256QAM	6	0	15.40	15.37	15.49	17	0

Band 5 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.11	23.17	23.15		
10	QPSK	1	25	23.04	23.08	23.06	24	0
10	QPSK	1	49	22.97	23.06	23.02		
10	QPSK	25	0	22.10	22.18	22.10		
10	QPSK	25	12	22.07	22.15	22.08	23	1
10	QPSK	25	25	22.05	22.11	22.06		
10	QPSK	50	0	22.10	22.15	22.11		
10	16QAM	1	0	21.91	22.06	22.01		
10	16QAM	1	25	21.92	22.01	21.90	23	1
10	16QAM	1	49	21.93	22.01	21.99		
10	16QAM	25	0	21.19	21.20	21.15		
10	16QAM	25	12	21.08	21.11

Band 13 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.87		24	0
10	QPSK	1	25		22.80			
10	QPSK	1	49		22.78			
10	QPSK	25	0		21.90		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.69			
10	QPSK	50	0		21.88			
10	16QAM	1	0		21.83		23	1
10	16QAM	1	25		21.81			
10	16QAM	1	49		21.52			
10	16QAM	25	0		20.83		22	2
10	16QAM	25	12		20.85			
10	16QAM	25	25		20.77			
10	16QAM	50	0		20.88			
10	64QAM	1	0		20.91		22	2
10	64QAM	1	25		20.83			
10	64QAM	1	49		20.53			
10	64QAM	25	0		19.85		21	3
10	64QAM	25	12		19.95			
10	64QAM	25	25		19.62			
10	64QAM	50	0		19.82			
10	256QAM	1	0		17.83		19	5
10	256QAM	1	25		17.95			
10	256QAM	1	49		17.70			
10	256QAM	25	0		17.95		19	5
10	256QAM	25	12		17.78			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.69	22.74	22.72	24	0
5	QPSK	1	12	22.69	22.74	22.72		
5	QPSK	1	24	22.59	22.63	22.67		
5	QPSK	12	0	21.72	21.75	21.84	23	1
5	QPSK	12	7	21.76	21.84	21.73		
5	QPSK	12	13	21.65	21.51	21.54		
5	QPSK	25	0	21.69	21.78	21.70		
5	16QAM	1	0	21.70	21.66	21.68	23	1
5	16QAM	1	12	21.63	21.69	21.69		
5	16QAM	1	24	21.32	21.47	21.35		
5	16QAM	12	0	20.64	20.72	20.71	22	2
5	16QAM	12	7	20.68	20.66	20.78		
5	16QAM	12	13	20.57	20.60	20.70		
5	16QAM	25	0	20.82	20.81	20.79		
5	64QAM	1	0	20.70	20.72	20.87	22	2
5	64QAM	1	12	20.70	20.71	20.78		
5	64QAM	1	24	20.48	20.46	20.50		
5	64QAM	12	0	19.70	19.79	19.70	21	3
5	64QAM	12	7	19.85	19.92	19.78		
5	64QAM	12	13	19.56	19.58	19.49		
5	64QAM	25	0	19.71	19.64	19.68		
5	256QAM	1	0	17.67	17.64	17.65	19	5
5	256QAM	1	12	17.74	17.91	17.77		
5	256QAM	1	24	17.52	17.59	17.50		
5	256QAM	12	0	17.91	17.76	17.81	19	5
5	256QAM	12	7	17.73	17.71	17.70		
5	256QAM	12	13	17.84	17.68	17.84		
5	256QAM	25	0	17.38	17.40	17.25		

Band 17 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.78	22.70	24	0
10	QPSK	1	25	22.65	22.67	22.66		
10	QPSK	1	49	22.67	22.61	22.69		
10	QPSK	25	0	21.76	21.87	21.73	23	1
10	QPSK	25	12	21.74	21.71	21.72		
10	QPSK	25	25	21.71	21.67	21.64		
10	QPSK	50	0	21.70	21.75	21.61		
10	16QAM	1	0	21.59	21.70	21.54	23	1
10	16QAM	1	25	21.64	21.49	21.53		
10	16QAM	1	49	21.58	21.54	21.51		
10	16QAM	25	0	20.79	20.96	20.64	22	2
10	16QAM	25	12	20.69	20.75	20.72		
10	16QAM	25	25	20.78	20.59	20.70		
10	16QAM	50	0	20.62	20.83	20.69		
10	64QAM	1	0	20.56	20.70	20.61	22	2
10	64QAM	1	25	20.63	20.43	20.58		
10	64QAM	1	49	20.64	20.50	20.55		
10	64QAM	25	0	19.78	19.83	19.78	21	3
10	64QAM	25	12	19.73	19.70	19.74		
10	64QAM	25	25	19.65	19.59	19.61		
10	64QAM	50	0	19.73	19.66	19.60		
10	256QAM	1	0	17.71	17.88	17.76	19	5
10	256QAM	1	25	17.77	17.72	17.70		
10	256QAM	1	49	17.65	17.68	17.58		
10	256QAM	25	0	17.73	17.75	17.53	19	5
10	256QAM	25	12	17.51	17.74	17.48		
10	256QAM	25	25	17.58	17.55	17.57		
10	256QAM	50	0	17.61	17.63	17.59		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.60	22.57	22.58	24	0
5	QPSK	1	12	22.51	22.62	22.58		
5	QPSK	1	24	22.59	22.57	22.62		
5	QPSK	12	0	21.63	21.82	21.56	23	1
5	QPSK	12	7	21.68	21.65	21.63		
5	QPSK	12	13	21.62	21.56	21.47		
5	QPSK	25	0	21.55	21.63	21.50		
5	16QAM	1	0	21.41	21.52	21.48	23	1
5	16QAM	1	12	21.48	21.39	21.49		
5	16QAM	1	24	21.54	21.36	21.35		
5	16QAM	12	0	20.68	20.82	20.46	22	2
5	16QAM	12	7	20.60	20.62	20.60		
5	16QAM	12	13	20.63	20.41	20.53		
5	16QAM	25	0	20.43	20.62	20.48		
5	64QAM	1	0	20.40	20.62	20.42	22	2
5	64QAM	1	12	20.44	20.32	20.38		
5	64QAM	1	24	20.59	20.40	20.36		
5	64QAM	12	0	19.59	19.77	19.67	21	3
5	64QAM	12	7	19.64	19.57	19.69		
5	64QAM	12	13	19.49	19.48	19.49		
5	64QAM	25	0	19.64	19.46	19.43		
5	256QAM	1	0	17.53	17.69	17.67	19	5
5	256QAM	1	12	17.71	17.54	17.55		
5	256QAM	1	24	17.44	17.61	17.38		
5	256QAM	12	0	17.64	17.61	17.34	19	5
5	256QAM	12	7	17.41	17.67	17.37		
5	256QAM	12	13	17.44	17.51	17.41		
5	256QAM	25	0	17.54	17.54	17.41		

Band 25 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.45	16.50	16.42	17.7	0
20	QPSK	1	49	16.31	16.47	16.28		
20	QPSK	1	99	16.33	16.42	16.33		
20	QPSK	50	0	16.37	16.41	16.28		
20	QPSK	50	24	16.18	16.41	16.15		
20	QPSK	50	50	16.27	16.36	16.21		
20	QPSK	100	0	16.32	16.36	16.35		
20	16QAM	1	0	16.38	16.41	16.30		
20	16QAM	1	49	16.21	16.39	16.22		
20	16QAM	1	99	16.34	16.38	16.23		
20	16QAM	50	0	16.33	16.36	16.25		
20	16QAM	50	24	16.05	16.28	16.01		
20	16QAM	50	50	16.24	16.30	16.11		
20	16QAM	100	0	16.20	16.21	16.20		
20	64QAM	1	0	16.36	16.44	16.29		
20	64QAM	1	49	16.27	16.40	16.18		
20	64QAM	1	99	16.29	16.29	16.22		
20	64QAM	50	0	16.31	16.30	16.19		
20	64QAM	50	24	16.14	16.33	16.07		
20	64QAM	50	50	16.18	16.25	16.10		
20	64QAM	100	0	16.18	16.24	16.28		
20	256QAM	1	0	16.37	16.40	16.34		
20	256QAM	1	49	16.24	16.42	16.13		
20	256QAM	1	99	16.31	16.36	16.26		
20	256QAM	50	0	16.32	16.31	16.18		
20	256QAM	50	24	16.13	16.29	16.10		
20	256QAM	50	50	16.14	16.22	16.05		
20	256QAM	100	0	16.28	16.32	16.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.38	16.39	16.35		
15	QPSK	1	37	16.28	16.38	16.23		
15	QPSK	1	74	16.34	16.28	16.20		
15	QPSK	36	0	16.29	16.34	16.19		
15	QPSK	36	20	16.03	16.30	16.10		
15	QPSK	36	39	16.18	16.25	16.08		
15	QPSK	75	0	16.29	16.27	16.32		
15	16QAM	1	0	16.24	16.34	16.26		
15	16QAM	1	37	16.13	16.36	16.16		
15	16QAM	1	74	16.28	16.27	16.12		
15	16QAM	36	0	16.29	16.28	16.20		
15	16QAM	36	20	16.02	16.16	15.97		
15	16QAM	36	39	16.10	16.19	16.01		
15	16QAM	75	0	16.06	16.10	16.13		
15	64QAM	1	0	16.22	16.30	16.22		
15	64QAM	1	37	16.12	16.36	16.08		
15	64QAM	1	74	16.19	16.22	16.14		
15	64QAM	36	0	16.21	16.25	16.12		
15	64QAM	36	20	16.09	16.21	16.14		
15	64QAM	36	39	16.07	16.11	16.02		
15	64QAM	75	0	16.05	16.10	16.17		
15	256QAM	1	0	16.29	16.37	16.23		
15	256QAM	1	37	16.16	16.29	16.01		
15	256QAM	1	74	16.19	16.28	16.11		
15	256QAM	36	0	16.25	16.23	16.06		
15	256QAM	36	20	16.04	16.16	16.00		
15	256QAM	36	39	16.04	16.11	16.04		
15	256QAM	75	0	16.17	16.20	16.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.38	16.47	16.29	17.7	0
10	QPSK	1	25	16.26	16.38	16.19		
10	QPSK	1	49	16.26	16.29	16.23		
10	QPSK	25	0	16.29	16.31	16.25		
10	QPSK	25	12	16.14	16.35	16.09		
10	QPSK	25	25	16.21	16.23	16.13		
10	QPSK	50	0	16.20	16.27	16.25		
10	16QAM	1	0	16.28	16.38	16.17		
10	16QAM	1	25	16.10	16.33	16.17		
10	16QAM	1	49	16.20	16.31	16.16		
10	16QAM	25	0	16.28	16.23	16.22		
10	16QAM	25	12	15.99	16.25	15.95		
10	16QAM	25	25	16.20	16.25	16.07		
10	16QAM	50	0	16.08	16.16	16.16		
10	64QAM	1	0	16.25	16.37	16.20		
10	64QAM	1	25	16.22	16.27	16.04		
10	64QAM	1	49	16.20	16.24	16.10		
10	64QAM	25	0	16.26	16.25	16.08		
10	64QAM	25	12	16.08	16.22	15.93		
10	64QAM	25	25	16.10	16.15	15.99		
10	64QAM	50	0	16.14	16.16	16.20		
10	256QAM	1	0	16.23	16.27	16.19		
10	256QAM	1	25	16.19	16.33	16.06		
10	256QAM	1	49	16.23	16.32	16.22		
10	256QAM	25	0	16.27	16.24	16.08		
10	256QAM	25	12	16.10	16.25	15.99		
10	256QAM	25	25	16.01	16.19	16.02		
10	256QAM	50	0	16.17	16.26	16.11		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.37	16.37	16.33	17.7	0
5	QPSK	1	12	16.27	16.40	16.15		
5	QPSK	1	24	16.30	16.31	16.23		
5	QPSK	12	0	16.24	16.34	16.16		
5	QPSK	12	7	16.05	16.28	16.12		
5	QPSK	12	13	16.22	16.27	16.10		
5	QPSK	25	0	16.22	16.29	16.24		
5	16QAM	1	0	16.27	16.29	16.20	17.7	0
5	16QAM	1	12	16.16	16.28	16.12		
5	16QAM	1	24	16.27	16.32	16.17		
5	16QAM	12	0	16.21	16.27	16.11		
5	16QAM	12	7	15.93	16.24	15.98		
5	16QAM	12	13	16.17	16.19	16.08		
5	16QAM	25	0	16.15	16.09	16.10		
5	64QAM	1	0	16.31	16.33	16.23	17.7	0
5	64QAM	1	12	16.14	16.33	16.07		
5	64QAM	1	24	16.17	16.26	16.07		
5	64QAM	12	0	16.22	16.20	16.13		
5	64QAM	12	7	16.01	16.19	15.95		
5	64QAM	12	13	16.10	16.11	15.96		
5	64QAM	25	0	16.07	16.17	16.24		
5	256QAM	1	0	16.30	16.33	16.25	17.7	0
5	256QAM	1	12	16.13	16.31	15.98		
5	256QAM	1	24	16.16	16.33	16.19		
5	256QAM	12	0	16.24	16.26	16.06		
5	256QAM	12	7	16.01	16.15	16.04		
5	256QAM	12	13	16.08	16.18	15.99		
5	256QAM	25	0	16.24	16.29	16.22		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.41	16.39	16.28	17.7	0
3	QPSK	1	8	16.23	16.43	16.24		
3	QPSK	1	14	16.27	16.34	16.19		
3	QPSK	8	0	16.24	16.29	16.17		
3	QPSK	8	4	16.07	16.29	16.05		
3	QPSK	8	7	16.21	16.25	16.07		
3	QPSK	15	0	16.19	16.27	16.27		
3	16QAM	1	0	16.30	16.27	16.24	17.7	0
3	16QAM	1	8	16.16	16.24	16.09		
3	16QAM	1	14	16.26	16.25	16.18		
3	16QAM	8	0	16.19	16.28	16.21		
3	16QAM	8	4	15.99	16.24	15.94		
3	16QAM	8	7	16.11	16.20	15.97		
3	16QAM	15	0	16.09	16.13	16.13		
3	64QAM	1	0	16.23	16.36	16.23	17.7	0
3	64QAM	1	8	16.16	16.37	16.10		
3	64QAM	1	14	16.18	16.14	16.17		
3	64QAM	8	0	16.19	16.23	16.06		
3	64QAM	8	4	16.04	16.20	15.94		
3	64QAM	8	7	16.12	16.19	16.05		
3	64QAM	15	0	16.12	16.19	16.15		
3	256QAM	1	0	16.31	16.31	16.23	17.7	0
3	256QAM	1	8	16.13	16.38	16.01		
3	256QAM	1	14	16.17	16.29	16.20		
3	256QAM	8	0	16.20	16.17	16.07		
3	256QAM	8	4	16.03	16.23	15.99		
3	256QAM	8	7	16.02	16.17	15.98		
3	256QAM	15	0	16.23	16.17	16.17		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.31	16.46	16.30	17.7	0
1.4	QPSK	1	3	16.27	16.43	16.15		
1.4	QPSK	1	5	16.31	16.32	16.29		
1.4	QPSK	3	0	16.30	16.33	16.23		
1.4	QPSK	3	1	16.13	16.27	16.04		
1.4	QPSK	3	3	16.24	16.22	16.07		
1.4	QPSK	6	0	16.21	16.21	16.30		
1.4	16QAM	1	0	16.26	16.33	16.22	17.7	0
1.4	16QAM	1	3	16.10	16.28	16.07		
1.4	16QAM	1	5	16.20	16.30	16.19		
1.4	16QAM	3	0	16.24	16.31	16.10		
1.4	16QAM	3	1	15.98	16.14	15.93		
1.4	16QAM	3	3	16.19	16.25	15.97		
1.4	16QAM	6	0	16.15	16.10	16.16		
1.4	64QAM	1	0	16.29	16.33	16.15	17.7	0
1.4	64QAM	1	3	16.21	16.33	16.09		
1.4	64QAM	1	5	16.15	16.24	16.16		
1.4	64QAM	3	0	16.27	16.22	16.09		
1.4	64QAM	3	1	15.99	16.23	15.98		
1.4	64QAM	3	3	16.06	16.16	16.00		
1.4	64QAM	6	0	16.13	16.10	16.20		
1.4	256QAM	1	0	16.32	16.27	16.31	17.7	0
1.4	256QAM	1	3	16.19	16.31	16.06		
1.4	256QAM	1	5	16.26	16.28	16.20		
1.4	256QAM	3	0	16.22	16.27	16.04		
1.4	256QAM	3	1	16.03	16.17	15.96		
1.4	256QAM	3	3	16.03	16.08	15.98		
1.4	256QAM	6	0	16.15	16.23	16.17		

Band 26 Ant 0 DSI7

BW [MHz]	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	23.20	23.25	23.19	24	0
15	QPSK	1	37	23.09	23.23	23.10		
15	QPSK	1	74	23.09	23.14	23.12		
15	QPSK	36	0	22.15	22.32	22.23	23	1
15	QPSK	36	20	22.11	22.27	22.17		
15	QPSK	36	39	22.15	22.14	22.13		
15	QPSK	75	0	22.16	22.20	22.15		
15	16QAM	1	0	22.02	22.12	22.13	23	1
15	16QAM	1	37	21.87	22.16	22.00		
15	16QAM	1	74	22.08	21.91	21.94		
15	16QAM	36	0	21.10	21.30	21.26	22	2
15	16QAM	36	20	21.07	21.26	21.21		
15	16QAM	36	39	21.12	21.11	21.21		
15	16QAM	75	0	21.10	21.17	21.16		
15	64QAM	1	0	21.03	21.08	21.17	22	2
15	64QAM	1	37	20.82	21.21	20.95		
15	64QAM	1	74	21.12	20.83	20.88		
15	64QAM	36	0	20.18	20.38	20.17	21	3
15	64QAM	36	20	20.18	20.29	20.17		
15	64QAM	36	39	20.21	20.16	20.08		
15	64QAM	75	0	20.19	20.12	20.11		
15	256QAM	1	0	18.20	18.31	18.26	19	5
15	256QAM	1	37	18.08	18.26	18.18		
15	256QAM	1	74	18.08	18.10	18.07		
15	256QAM	36	0	18.17	18.22	18.12	19	5
15	256QAM	36	20	18.04	18.13	18.10		
15	256QAM	36	39	17.93	18.20	17.92		
15	256QAM	75	0	18.15	17.93	17.96		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.04	23.10	23.09	24	0
10	QPSK	1	25	22.89	23.11	23.01		
10	QPSK	1	49	23.04	23.00	22.98		
10	QPSK	25	0	21.97	22.21	22.10	23	1
10	QPSK	25	12	22.06	22.12	21.97		
10	QPSK	25	25	22.03	22.05	22.09		
10	QPSK	50	0	22.09	22.05	22.08		
10	16QAM	1	0	21.89	22.07	21.93	23	1
10	16QAM	1	25	21.72	21.95	21.83		
10	16QAM	1	49	21.90	21.79	21.88		
10	16QAM	25	0	21.00	21.10	21.06	22	2
10	16QAM	25	12	20.94	21.21	21.14		
10	16QAM	25	25	21.04	21.06	21.01		
10	16QAM	50	0	21.01	21.14	21.05		
10	64QAM	1	0	20.83	21.04	21.10	22	2
10	64QAM	1	25	20.68	21.10	20.77		
10	64QAM	1	49	21.04	20.68	20.75		
10	64QAM	25	0	20.09	20.19	19.99	21	3
10	64QAM	25	12	20.13	20.11	19.98		
10	64QAM	25	25	20.13	19.97	19.93		
10	64QAM	50	0	20.04	19.91	20.00		
10	256QAM	1	0	18.00	18.11	18.18	19	5
10	256QAM	1	25	17.93	18.05	18.11		
10	256QAM	1	49	17.93	17.94	17.98		
10	256QAM	25	0	18.11	18.17	18.08	19	5
10	256QAM	25	12	17.99	17.93	17.99		
10	256QAM	25	25	17.73	18.03	17.77		
10	256QAM	50	0	18.00	17.73	17.84		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.99	23.19	23.07	24	0
5	QPSK	1	12	23.05	23.17	23.03		
5	QPSK	1	24	22.98	22.99	23.05		
5	QPSK	12	0	21.95	22.11	22.02	23	1
5	QPSK	12	7	21.93	22.21	21.96		
5	QPSK	12	13	21.98	22.04	21.99		
5	QPSK	25	0	22.01	22.10	21.96		
5	16QAM	1	0	21.85	21.94	21.98	23	1
5	16QAM	1	12	21.76	22.10	21.94		
5	16QAM	1	24	21.90	21.75	21.73		
5	16QAM	12	0	20.94	21.23	21.22	22	2
5	16QAM	12	7	20.92	21.17	21.11		
5	16QAM	12	13	21.08	20.90	21.05		
5	16QAM	25	0	20.92	20.99	20.99		
5	64QAM	1	0	20.89	20.90	21.12	22	2
5	64QAM	1	12	20.74	21.10	20.89		
5	64QAM	1	24	20.95	20.71	20.76		
5	64QAM	12	0	20.09	20.32	19.98	21	3
5	64QAM	12	7	20.02	20.10	19.97		
5	64QAM	12	13	20.05	19.99	20.00		
5	64QAM	25	0	20.12	20.07	19.96		
5	256QAM	1	0	18.12	18.17	18.14	19	5
5	256QAM	1	12	18.03	18.09	18.01		
5	256QAM	1	24	18.02	17.99	17.98		
5	256QAM	12	0	18.13	18.16

Band 66 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.69	15.75	15.70		
20	QPSK	1	49	15.59	15.69	15.62	17	0
20	QPSK	1	99	15.61	15.65	15.66		
20	QPSK	50	0	15.66	15.68	15.66		
20	QPSK	50	24	15.52	15.55	15.56	17	0
20	QPSK	50	50	15.52	15.62	15.60		
20	QPSK	100	0	15.59	15.63	15.61		
20	16QAM	1	0	15.66	15.67	15.63		
20	16QAM	1	49	15.48	15.57	15.60	17	0
20	16QAM	1	99	15.58	15.62	15.58		
20	16QAM	50	0	15.62	15.68	15.59		
20	16QAM	50	24	15.48	15.52	15.55	17	0
20	16QAM	50	50	15.45	15.59	15.55		
20	16QAM	100	0	15.53	15.54	15.57		
20	64QAM	1	0	15.62	15.70	15.67		
20	64QAM	1	49	15.51	15.62	15.54	17	0
20	64QAM	1	99	15.59	15.65	15.56		
20	64QAM	50	0	15.61	15.64	15.55		
20	64QAM	50	24	15.46	15.53	15.50	17	0
20	64QAM	50	50	15.43	15.55	15.50		
20	64QAM	100	0	15.54	15.62	15.58		
20	256QAM	1	0	15.66	15.65	15.69		
20	256QAM	1	49	15.54	15.68	15.58	17	0
20	256QAM	1	99	15.53	15.55	15.62		
20	256QAM	50	0	15.55	15.61	15.56		
20	256QAM	50	24	15.46	15.44	15.45	17	0
20	256QAM	50	50	15.45	15.58	15.58		
20	256QAM	100	0	15.55	15.51	15.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.59	15.68	15.63		
15	QPSK	1	37	15.51	15.58	15.57	17	0
15	QPSK	1	74	15.56	15.54	15.62		
15	QPSK	36	0	15.55	15.56	15.60		
15	QPSK	36	20	15.50	15.52	15.55	17	0
15	QPSK	36	39	15.46	15.61	15.53		
15	QPSK	75	0	15.58	15.61	15.61		
15	16QAM	1	0	15.56	15.59	15.59		
15	16QAM	1	37	15.40	15.46	15.53	17	0
15	16QAM	1	74	15.55	15.60	15.46		
15	16QAM	36	0	15.53	15.63	15.57		
15	16QAM	36	20	15.44	15.47	15.44	17	0
15	16QAM	36	39	15.40	15.57	15.53		
15	16QAM	75	0	15.48	15.45	15.53		
15	64QAM	1	0	15.61	15.61	15.66		
15	64QAM	1	37	15.46	15.54	15.54	17	0
15	64QAM	1	74	15.48	15.55	15.44		
15	64QAM	36	0	15.49	15.63	15.50		
15	64QAM	36	20	15.44	15.47	15.44	17	0
15	64QAM	36	39	15.32	15.53	15.47		
15	64QAM	75	0	15.49	15.52	15.49		
15	256QAM	1	0	15.61	15.59	15.64		
15	256QAM	1	37	15.48	15.60	15.51	17	0
15	256QAM	1	74	15.43	15.50	15.54		
15	256QAM	36	0	15.47	15.54	15.47		
15	256QAM	36	20	15.36	15.43	15.34	17	0
15	256QAM	36	39	15.44	15.53	15.56		
15	256QAM	75	0	15.45	15.46	15.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.61	15.71	15.63		
10	QPSK	1	25	15.47	15.64	15.59	17	0
10	QPSK	1	49	15.57	15.62	15.55		
10	QPSK	25	0	15.62	15.58	15.55		
10	QPSK	25	12	15.43	15.53	15.46	17	0
10	QPSK	25	25	15.50	15.57	15.59		
10	QPSK	50	0	15.56	15.54	15.55		
10	16QAM	1	0	15.61	15.59	15.61		
10	16QAM	1	25	15.44	15.49	15.51	17	0
10	16QAM	1	49	15.57	15.54	15.56		
10	16QAM	25	0	15.56	15.64	15.58		
10	16QAM	25	12	15.42	15.42	15.50	17	0
10	16QAM	25	25	15.39	15.58	15.50		
10	16QAM	50	0	15.43	15.49	15.56		
10	64QAM	1	0	15.61	15.69	15.60		
10	64QAM	1	25	15.49	15.59	15.42	17	0
10	64QAM	1	49	15.50	15.64	15.49		
10	64QAM	25	0	15.52	15.63	15.47		
10	64QAM	25	12	15.35	15.43	15.44	17	0
10	64QAM	25	25	15.37	15.53	15.38		
10	64QAM	50	0	15.47	15.56	15.54		
10	256QAM	1	0	15.54	15.63	15.64		
10	256QAM	1	25	15.49	15.59	15.46	17	0
10	256QAM	1	49	15.48	15.44	15.56		
10	256QAM	25	0	15.53	15.50	15.55		
10	256QAM	25	12	15.38	15.36	15.43	17	0
10	256QAM	25	25	15.35	15.53	15.55		
10	256QAM	50	0	15.54	15.50	15.57		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.68	15.65	15.62		
5	QPSK	1	12	15.48	15.63	15.55	17	0
5	QPSK	1	24	15.55	15.55	15.60		
5	QPSK	12	0	15.62	15.66	15.61		
5	QPSK	12	7	15.49	15.46	15.55	17	0
5	QPSK	12	13	15.48	15.55	15.53		
5	QPSK	25	0	15.53	15.55	15.50		
5	16QAM	1	0	15.66	15.64	15.52		
5	16QAM	1	12	15.47	15.49	15.50	17	0
5	16QAM	1	24	15.56	15.56	15.58		
5	16QAM	12	0	15.54	15.57	15.54		
5	16QAM	12	7	15.47	15.42	15.51	17	0
5	16QAM	12	13	15.41	15.57	15.47		
5	16QAM	25	0	15.50	15.43	15.51		
5	64QAM	1	0	15.61	15.68	15.64		
5	64QAM	1	12	15.45	15.53	15.52	17	0
5	64QAM	1	24	15.58	15.64	15.47		
5	64QAM	12	0	15.59	15.62	15.55		
5	64QAM	12	7	15.36	15.50	15.46	17	0
5	64QAM	12	13	15.42	15.50	15.45		
5	64QAM	25	0	15.53	15.62	15.56		
5	256QAM	1	0	15.56	15.59	15.69		
5	256QAM	1	12	15.52	15.59	15.49	17	0
5	256QAM	1	24	15.50	15.46	15.60		
5	256QAM	12	0	15.45	15.55	15.54		
5	256QAM	12	7	15.44	15.34	15.36	17	0
5	256QAM	12	13	15.41	15.47	15.51		
5	256QAM	25	0	15.52	15.44	15.49		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.59	15.70	15.59		
3	QPSK	1	8	15.54	15.66	15.52	17	0
3	QPSK	1	14	15.52	15.65	15.58		
3	QPSK	8	0	15.57	15.62	15.60		
3	QPSK	8	4	15.49	15.53	15.50	17	0
3	QPSK	8	7	15.40	15.62	15.54		
3	QPSK	15	0	15.47	15.57	15.50		
3	16QAM	1	0	15.64	15.60	15.55		
3	16QAM	1	8	15.47	15.56	15.58	17	0
3	16QAM	1	14	15.49	15.59	15.49		
3	16QAM	8	0	15.60	15.67	15.49		
3	16QAM	8	4	15.38	15.40	15.47	17	0
3	16QAM	8	7	15.34	15.56	15.54		
3	16QAM	15	0	15.51	15.47	15.52		
3	64QAM	1	0	15.54	15.68	15.66		
3	64QAM	1	8	15.42	15.51	15.49	17	0
3	64QAM	1	14	15.57	15.62	15.48		
3	64QAM	8	0	15.54	15.60	15.46		
3	64QAM	8	4	15.37	15.48	15.47	17	0
3	64QAM	8	7	15.34	15.54	15.47		
3	64QAM	15	0	15.44	15.55	15.50		
3	256QAM	1	0	15.61	15.60	15.57		
3	256QAM	1	8	15.44	15.57	15.56	17	0
3	256QAM	1	14	15.42	15.55	15.57		
3	256QAM	8	0	15.47	15.54	15.46		
3	256QAM	8	4	15.43	15.33	15.38	17	0
3	256QAM	8	7	15.44	15.57	15.46		
3	256QAM	15	0	15.45	15.47	15.51		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.60	15.69	15.62		
1.4	QPSK	1	3	15.51	15.63	15.51		
1.4	QPSK	1	5	15.60	15.54	15.64	17	0
1.4	QPSK	3	0	15.56	15.56	15.63		
1.4	QPSK	3	1	15.52	15.46	15.50		
1.4	QPSK	3	3	15.49	15.61	15.58		
1.4	QPSK	6	0	15.52	15.55	15.56	17	0
1.4	16QAM	1	0	15.55	15.61	15.58		
1.4	16QAM	1	3	15.38	15.49	15.57		
1.4	16QAM	1	5	15.51	15.60	15.53	17	0
1.4	16QAM	3	0	15.54	15.60	15.54		
1.4	16QAM	3	1	15.41	15.51	15.47		
1.4	16QAM	3	3	15.44	15.51	15.54		
1.4	16QAM	6	0	15.51	15.48	15.53	17	0
1.4	64QAM	1	0	15.61	15.66	15.58		
1.4	64QAM	1	3	15.40	15.61	15.47		
1.4	64QAM	1	5	15.57	15.63	15.47	17	0
1.4	64QAM	3	0	15.55	15.54	15.45		
1.4	64QAM	3	1	15.38	15.43	15.45		
1.4	64QAM	3	3	15.41	15.51	15.49		
1.4	64QAM	6	0	15.42	15.61	15.49	17	0
1.4	256QAM	1	0	15.60	15.64	15.64		
1.4	256QAM	1	3	15.49	15.65	15.47		
1.4	256QAM	1	5	15.44	15.53	15.61	17	0
1.4	256QAM	3	0	15.48	15.58	15.54		
1.4	256QAM	3	1	15.45	15.42	15.33		
1.4	256QAM	3	3	15.36	15.56	15.57		
1.4	256QAM	6	0	15.49	15.48	15.54	17	0

Band 7 Ant 1 DSI7

BW [MHz]	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	17.68	17.72	17.66	18.7	0
20	QPSK	1	49	17.60	17.63	17.53		
20	QPSK	1	99	17.64	17.64	17.60		
20	QPSK	50	0	17.55	17.65	17.57	18.7	0
20	QPSK	50	24	17.56	17.60	17.47		
20	QPSK	50	50	17.52	17.52	17.48		
20	QPSK	100	0	17.59	17.64	17.61	18.7	0
20	16QAM	1	0	17.63	17.63	17.58		
20	16QAM	1	49	17.54	17.49	17.40		
20	16QAM	1	99	17.57	17.53	17.48		
20	16QAM	50	0	17.48	17.53	17.45	18.7	0
20	16QAM	50	24	17.41	17.49	17.41		
20	16QAM	50	50	17.47	17.43	17.39		
20	16QAM	100	0	17.46	17.58	17.50	18.7	0
20	64QAM	1	0	17.65	17.62	17.57		
20	64QAM	1	49	17.54	17.56	17.43		
20	64QAM	1	99	17.60	17.58	17.54		
20	64QAM	50	0	17.58	17.67	17.59	18.7	0
20	64QAM	50	24	17.45	17.56	17.38		
20	64QAM	50	50	17.49	17.49	17.51		
20	64QAM	100	0	17.40	17.52	17.45	18.7	0
20	256QAM	1	0	17.54	17.52	17.53		
20	256QAM	1	49	17.53	17.47	17.39		
20	256QAM	1	99	17.54	17.56	17.53		
20	256QAM	50	0	17.53	17.67	17.58	18.7	0
20	256QAM	50	24	17.43	17.47	17.33		
20	256QAM	50	50	17.43	17.38	17.46		
20	256QAM	100	0	17.31	17.51	17.39	18.7	0
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.54	17.57	17.59	18.7	0
15	QPSK	1	37	17.55	17.56	17.43		
15	QPSK	1	74	17.49	17.52	17.51		
15	QPSK	36	0	17.47	17.52	17.47	18.7	0
15	QPSK	36	20	17.43	17.55	17.38		
15	QPSK	36	39	17.41	17.46	17.42		
15	QPSK	75	0	17.52	17.56	17.54	18.7	0
15	16QAM	1	0	17.55	17.48	17.51		
15	16QAM	1	37	17.44	17.39	17.24		
15	16QAM	1	74	17.50	17.47	17.41		
15	16QAM	36	0	17.40	17.48	17.40	18.7	0
15	16QAM	36	20	17.27	17.38	17.32		
15	16QAM	36	39	17.32	17.27	17.31		
15	16QAM	75	0	17.41	17.47	17.38	18.7	0
15	64QAM	1	0	17.51	17.50	17.43		
15	64QAM	1	37	17.49	17.49	17.37		
15	64QAM	1	74	17.51	17.42	17.50		
15	64QAM	36	0	17.46	17.61	17.47	18.7	0
15	64QAM	36	20	17.39	17.48	17.24		
15	64QAM	36	39	17.42	17.33	17.43		
15	64QAM	75	0	17.34	17.36	17.32	18.7	0
15	256QAM	1	0	17.65	17.57	17.49		
15	256QAM	1	37	17.50	17.47	17.38		
15	256QAM	1	74	17.61	17.51	17.47		
15	256QAM	36	0	17.55	17.59	17.53	18.7	0
15	256QAM	36	20	17.42	17.51	17.34		
15	256QAM	36	39	17.43	17.42	17.43		
15	256QAM	75	0	17.33	17.43	17.38	18.7	0
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.59	17.58	17.57	18.7	0
10	QPSK	1	25	17.54	17.52	17.44		
10	QPSK	1	49	17.60	17.53	17.47		
10	QPSK	25	0	17.44	17.54	17.48	18.7	0
10	QPSK	25	12	17.46	17.47	17.39		
10	QPSK	25	25	17.40	17.39	17.36		
10	QPSK	50	0	17.46	17.53	17.56	18.7	0
10	16QAM	1	0	17.47	17.57	17.42		
10	16QAM	1	25	17.48	17.40	17.35		
10	16QAM	1	49	17.48	17.42	17.44		
10	16QAM	25	0	17.43	17.41	17.39	18.7	0
10	16QAM	25	12	17.31	17.37	17.33		
10	16QAM	25	25	17.33	17.27	17.23		
10	16QAM	50	0	17.42	17.50	17.44	18.7	0
10	64QAM	1	0	17.55	17.53	17.49		
10	64QAM	1	25	17.46	17.43	17.35		
10	64QAM	1	49	17.46	17.53	17.45		
10	64QAM	25	0	17.43	17.52	17.53	18.7	0
10	64QAM	25	12	17.29	17.50	17.28		
10	64QAM	25	25	17.41	17.43	17.37		
10	64QAM	50	0	17.26	17.42	17.31	18.7	0
10	256QAM	1	0	17.56	17.63	17.54		
10	256QAM	1	25	17.53	17.55	17.39		
10	256QAM	1	49	17.52	17.47	17.55	18.7	0
10	256QAM	25	0	17.56	17.57	17.59		
10	256QAM	25	12	17.41	17.48	17.29		
10	256QAM	25	25	17.42	17.42	17.44		
10	256QAM	50	0	17.34	17.48	17.43	18.7	0
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.59	17.68	17.59	18.7	0
5	QPSK	1	12	17.55	17.52	17.49		
5	QPSK	1	24	17.51	17.56	17.47		
5	QPSK	12	0	17.39	17.58	17.47	18.7	0
5	QPSK	12	7	17.41	17.52	17.40		
5	QPSK	12	13	17.37	17.40	17.33		
5	QPSK	25	0	17.54	17.60	17.55	18.7	0
5	16QAM	1	0	17.58	17.48	17.42		
5	16QAM	1	12	17.44	17.40	17.33		
5	16QAM	1	24	17.52	17.44	17.40		
5	16QAM	12	0	17.39	17.39	17.40	18.7	0
5	16QAM	12	7	17.31	17.39	17.35		
5	16QAM	12	13	17.34	17.32	17.32		
5	16QAM	25	0	17.40	17.47	17.42	18.7	0
5	64QAM	1	0	17.58	17.53	17.43		
5	64QAM	1	12	17.50	17.45	17.39		
5	64QAM	1	24	17.51	17.43	17.41		
5	64QAM	12	0	17.48	17.54	17.50	18.7	0
5	64QAM	12	7	17.31	17.46	17.30		
5	64QAM	12	13	17.39	17.34	17.42		
5	64QAM	25	0	17.28	17.42	17.40	18.7	0
5	256QAM	1	0	17.56	17.61	17.53		
5	256QAM	1	12	17.43	17.45	17.38		
5	256QAM	1	24	17.59	17.51	17.45		
5	256QAM	12	0	17.47	17.66	17.58	18.7	0
5	256QAM	12	7	17.41	17.53	17.36		
5	256QAM	12	13	17.43	17.40	17.52		
5	256QAM	25	0	17.34	17.51	17.45	18.7	0

Band 2 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.25	13.26	13.24		
20	QPSK	1	49	13.15	13.04	13.03	14.1	0
20	QPSK	1	99	13.05	13.18	13.07		
20	QPSK	50	0	13.07	13.19	13.04		
20	QPSK	50	24	13.03	12.94	12.99	14.1	0
20	QPSK	50	50	12.89	13.14	12.95		
20	QPSK	100	0	13.15	13.21	13.12		
20	16QAM	1	0	13.07	13.17	13.09		
20	16QAM	1	49	12.96	12.97	12.96	14.1	0
20	16QAM	1	99	13.02	13.07	12.88		
20	16QAM	50	0	13.05	13.18	12.94		
20	16QAM	50	24	12.91	12.84	12.99	14.1	0
20	16QAM	50	50	12.85	13.04	12.85		
20	16QAM	100	0	13.03	13.12	12.92		
20	64QAM	1	0	13.19	13.16	13.12		
20	64QAM	1	49	13.01	13.02	13.07	14.1	0
20	64QAM	1	99	13.03	13.13	12.94		
20	64QAM	50	0	12.99	13.16	13.02		
20	64QAM	50	24	12.91	12.84	12.87	14.1	0
20	64QAM	50	50	12.85	13.01	12.74		
20	64QAM	100	0	12.99	13.07	13.05		
20	256QAM	1	0	13.15	13.21	13.14		
20	256QAM	1	49	12.95	13.01	13.02	14.1	0
20	256QAM	1	99	13.06	13.12	13.06		
20	256QAM	50	0	12.98	13.06	13.01		
20	256QAM	50	24	12.99	12.83	12.93	14.1	0
20	256QAM	50	50	12.83	13.01	12.85		
20	256QAM	100	0	13.02	13.07	12.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.18	13.18	13.12		
15	QPSK	1	37	13.01	12.98	12.90	14.1	0
15	QPSK	1	74	12.92	13.12	13.01		
15	QPSK	36	0	12.96	13.05	12.90		
15	QPSK	36	20	12.94	12.81	12.92	14.1	0
15	QPSK	36	39	12.81	13.06	12.85		
15	QPSK	75	0	13.05	13.12	12.95		
15	16QAM	1	0	13.01	13.11	12.99		
15	16QAM	1	37	12.81	12.85	12.91	14.1	0
15	16QAM	1	74	12.93	13.03	12.73		
15	16QAM	36	0	12.94	13.12	12.89		
15	16QAM	36	20	12.86	12.75	12.85	14.1	0
15	16QAM	36	39	12.78	12.96	12.75		
15	16QAM	75	0	12.92	13.07	12.88		
15	64QAM	1	0	13.13	13.02	13.00		
15	64QAM	1	37	12.96	12.97	13.01	14.1	0
15	64QAM	1	74	12.88	13.10	12.84		
15	64QAM	36	0	12.94	13.11	12.96		
15	64QAM	36	20	12.80	12.80	12.90	14.1	0
15	64QAM	36	39	12.76	12.93	12.68		
15	64QAM	75	0	12.92	12.95	13.01		
15	256QAM	1	0	13.11	13.14	13.01		
15	256QAM	1	37	12.83	12.91	12.95	14.1	0
15	256QAM	1	74	12.99	13.07	12.93		
15	256QAM	36	0	12.91	12.98	12.96		
15	256QAM	36	20	12.87	12.71	12.79	14.1	0
15	256QAM	36	39	12.76	12.86	12.77		
15	256QAM	75	0	12.89	13.00	12.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.18	13.17	13.15		
10	QPSK	1	25	13.06	12.94	12.90	14.1	0
10	QPSK	1	49	12.91	13.15	12.94		
10	QPSK	25	0	12.95	13.08	12.97		
10	QPSK	25	12	12.89	12.81	12.89	14.1	0
10	QPSK	25	25	12.80	13.00	12.81		
10	QPSK	50	0	13.02	13.08	12.99		
10	16QAM	1	0	12.98	13.14	12.97		
10	16QAM	1	25	12.85	12.84	12.91	14.1	0
10	16QAM	1	49	12.91	13.01	12.80		
10	16QAM	25	0	12.91	13.10	12.89		
10	16QAM	25	12	12.87	12.69	12.92	14.1	0
10	16QAM	25	25	12.71	12.98	12.78		
10	16QAM	50	0	12.91	13.00	12.82		
10	64QAM	1	0	13.09	13.11	13.03		
10	64QAM	1	25	12.88	12.89	13.00	14.1	0
10	64QAM	1	49	12.88	13.02	12.84		
10	64QAM	25	0	12.96	13.06	12.88		
10	64QAM	25	12	12.77	12.77	12.89	14.1	0
10	64QAM	25	25	12.82	12.88	12.69		
10	64QAM	50	0	12.90	12.99	13.00		
10	256QAM	1	0	13.08	13.09	13.05		
10	256QAM	1	25	12.84	12.90	12.91	14.1	0
10	256QAM	1	49	12.97	13.03	12.97		
10	256QAM	25	0	12.85	12.96	12.94		
10	256QAM	25	12	12.66	12.78	12.80	14.1	0
10	256QAM	25	25	12.69	12.91	12.79		
10	256QAM	50	0	12.89	13.04	12.76		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.19	13.18	13.13		
5	QPSK	1	12	13.06	13.00	12.89	14.1	0
5	QPSK	1	24	12.99	13.07	12.97		
5	QPSK	12	0	13.00	13.15	12.95		
5	QPSK	12	7	12.95	12.88	12.93	14.1	0
5	QPSK	12	13	12.78	13.01	12.91		
5	QPSK	25	0	13.05	13.17	12.93		
5	16QAM	1	0	12.98	13.09	12.99		
5	16QAM	1	12	12.82	12.85	12.87	14.1	0
5	16QAM	1	24	12.92	13.00	12.74		
5	16QAM	12	0	12.97	13.05	12.82		
5	16QAM	12	7	12.83	12.79	12.88	14.1	0
5	16QAM	12	13	12.76	12.97	12.77		
5	16QAM	25	0	12.93	12.99	12.87		
5	64QAM	1	0	13.05	13.05	13.00		
5	64QAM	1	12	12.93	12.99	13.01	14.1	0
5	64QAM	1	24	12.91	13.03	12.88		
5	64QAM	12	0	12.91	13.11	12.93		
5	64QAM	12	7	12.81	12.78	12.91	14.1	0
5	64QAM	12	13	12.72	12.97	12.61		
5	64QAM	25	0	12.92	12.98	12.98		
5	256QAM	1	0	13.03	13.14	13.07		
5	256QAM	1	12	12.89	12.91	12.88	14.1	0
5	256QAM	1	24	12.98	13.02	13.02		
5	256QAM	12	0	12.90	12.98	12.91	14.1	0
5	256QAM	12	7	12.86	12.68	12.87		
5	256QAM	12	13	12.78	12.91	12.73		
5	256QAM	25	0	12.90	12.94	12.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.17	13.17	13.18		
3	QPSK	1	8	13.04	12.94	12.89	14.1	0
3	QPSK	1	14	12.98	13.14	13.04		
3	QPSK	8	0	12.99	13.15	12.97		
3	QPSK	8	4	12.95	12.79	12.88	14.1	0
3	QPSK	8	7	12.76	13.00	12.88		
3	QPSK	15	0	13.12	13.09	12.94		
3	16QAM	1	0	12.96	13.08	13.05		
3	16QAM	1	8	12.90	12.84	12.92	14.1	0
3	16QAM	1	14	12.88	12.94	12.77		
3	16QAM	8	0	13.01	13.07	12.81		
3	16QAM	8	4	12.83	12.74	12.94	14.1	0
3	16QAM	8	7	12.72	12.89	12.72		
3	16QAM	15	0	12.92	12.99	12.88		
3	64QAM	1	0	13.14	13.08	13.06		
3	64QAM	1	8	12.92	12.91	12.94	14.1	0
3	64QAM	1	14	12.93	13.02	12.82		
3	64QAM	8	0	12.92	13.04	12.89		
3	64QAM	8	4	12.86	12.77	12.91	14.1	0
3	64QAM	8	7	12.75	12.93	12.59		
3	64QAM	15	0	12.95	12.98	12.93		
3	256QAM	1	0	13.04	13.17	13.09		
3	256QAM	1	8	12.83	12.98	12.98	14.1	0
3	256QAM	1	14	13.02	13.05	12.92		
3	256QAM	8	0	12.90	12.92	12.93		
3	256QAM	8	4	12.95	12.79	12.83	14.1	0
3	256QAM	8	7	12.74	12.89	12.71		
3	256QAM	15	0	12.92	13.00	12.77		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.21	13.17	13.18		
1.4	QPSK	1	3	13.08	13.00	12.97		
1.4	QPSK	1	5	12.97	13.05	12.96	14.1	0
1.4	QPSK	3	0	13.01	13.15	12.97		
1.4	QPSK	3	1	12.90	12.86	12.88		
1.4	QPSK	3	3	12.82	13.05	12.87		
1.4	QPSK	6	0	13.03	13.17	12.98	14.1	0
1.4	16QAM	1	0	13.00	13.04	12.95		
1.4	16QAM	1	3	12.86	12.90	12.84		
1.4	16QAM	1	5	12.90	13.01	12.74	14.1	0
1.4	16QAM	3	0	12.99	13.09	12.87		
1.4	16QAM	3	1	12.84	12.71	12.89		
1.4	16QAM	3	3	12.71	12.94	12.72		
1.4	16QAM	6	0	12.89	12.98	12.83	14.1	0
1.4	64QAM	1	0	13.10	13.04	13.01		
1.4	64QAM	1	3	12.87	12.92	13.02		
1.4	64QAM	1	5	12.95	13.03	12.80	14.1	0
1.4	64QAM	3	0	12.92	13.08	12.99		
1.4	64QAM	3	1	12.87	12.75	12.85		
1.4	64QAM	3	3	12.77	12.96	12.66		
1.4	64QAM	6	0	12.92	12.96	13.02	14.1	0
1.4	256QAM	1	0	13.08	13.15	13.09		
1.4	256QAM	1	3	12.85	12.91	12.99		
1.4	256QAM	1	5	12.93	13.08	13.02	14.1	0
1.4	256QAM	3	0	12.83	12.95	12.94		
1.4	256QAM	3	1	12.93	12.79	12.85		
1.4	256QAM	3	3	12.78	12.97	12.71		
1.4	256QAM	6	0	12.94	12.99	12.79	14.1	0

Band 4 Ant 4 DSI7

BW [MHz]	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	16.34	16.38	16.34		
20	QPSK	1	49	16.31	16.32	16.36	17.7	0
20	QPSK	1	99	16.18	16.36	16.27		
20	QPSK	50	0	16.21	16.35	16.31		
20	QPSK	50	24	16.20	16.25	16.21	17.7	0
20	QPSK	50	50	16.13	16.35	16.23		
20	QPSK	100	0	16.22	16.19	16.22		
20	16QAM	1	0	16.24	16.29	16.21		
20	16QAM	1	49	16.19	16.20	16.20	17.7	0
20	16QAM	1	99	16.21	16.31	16.06		
20	16QAM	50	0	16.17	16.24	16.34		
20	16QAM	50	24	16.04	16.24	16.15	17.7	0
20	16QAM	50	50	16.01	16.27	16.12		
20	16QAM	100	0	16.21	16.11	16.12		
20	64QAM	1	0	16.23	16.30	16.24		
20	64QAM	1	49	16.20	16.30	16.18	17.7	0
20	64QAM	1	99	16.16	16.26	16.23		
20	64QAM	50	0	16.19	16.17	16.20		
20	64QAM	50	24	16.05	16.20	16.15	17.7	0
20	64QAM	50	50	16.06	16.19	16.21		
20	64QAM	100	0	16.11	16.20	16.10		
20	256QAM	1	0	16.06	16.20	16.12		
20	256QAM	1	49	16.10	16.17	16.17	17.5	0.2
20	256QAM	1	99	16.06	16.15	15.92		
20	256QAM	50	0	16.00	16.11	16.14		
20	256QAM	50	24	16.07	16.14	16.09	17.5	0.2
20	256QAM	50	50	15.93	16.09	15.99		
20	256QAM	100	0	16.05	16.10	16.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.29	16.30	16.29		
15	QPSK	1	37	16.28	16.28	16.29	17.7	0
15	QPSK	1	74	16.07	16.28	16.22		
15	QPSK	36	0	16.16	16.23	16.27		
15	QPSK	36	20	16.13	16.14	16.20	17.7	0
15	QPSK	36	39	16.01	16.24	16.22		
15	QPSK	75	0	16.15	16.08	16.17		
15	16QAM	1	0	16.16	16.22	16.18		
15	16QAM	1	37	16.07	16.13	16.18	17.7	0
15	16QAM	1	74	16.20	16.27	15.99		
15	16QAM	36	0	16.15	16.22	16.29		
15	16QAM	36	20	15.99	16.13	16.13	17.7	0
15	16QAM	36	39	15.97	16.17	16.10		
15	16QAM	75	0	16.18	16.00	16.10		
15	64QAM	1	0	16.21	16.29	16.21		
15	64QAM	1	37	16.12	16.29	16.12	17.7	0
15	64QAM	1	74	16.10	16.25	16.21		
15	64QAM	36	0	16.16	16.15	16.14		
15	64QAM	36	20	15.96	16.12	16.15	17.7	0
15	64QAM	36	39	16.01	16.13	16.12		
15	64QAM	75	0	16.00	16.15	16.02		
15	256QAM	1	0	16.02	16.18	16.08		
15	256QAM	1	37	16.01	16.11	16.17	17.5	0.2
15	256QAM	1	74	16.02	16.13	15.88		
15	256QAM	36	0	15.94	16.04	16.05		
15	256QAM	36	20	16.01	16.04	16.01	17.5	0.2
15	256QAM	36	39	15.83	16.00	15.98		
15	256QAM	75	0	15.99	16.00	16.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.27	16.32	16.16		
10	QPSK	1	25	16.28	16.31	16.35	17.7	0
10	QPSK	1	49	16.16	16.32	16.26		
10	QPSK	25	0	16.14	16.25	16.22		
10	QPSK	25	12	16.12	16.18	16.17	17.7	0
10	QPSK	25	25	16.10	16.18	16.19		
10	QPSK	50	0	16.20	16.11	16.20		
10	16QAM	1	0	16.12	16.23	16.21		
10	16QAM	1	25	16.16	16.19	16.14	17.7	0
10	16QAM	1	49	16.18	16.22	15.94		
10	16QAM	25	0	16.16	16.21	16.28		
10	16QAM	25	12	16.04	16.16	16.14	17.7	0
10	16QAM	25	25	15.98	16.16	16.02		
10	16QAM	50	0	16.20	16.00	16.00		
10	64QAM	1	0	16.17	16.24	16.12		
10	64QAM	1	25	16.12	16.19	16.10	17.7	0
10	64QAM	1	49	16.15	16.16	16.12		
10	64QAM	25	0	16.19	16.10	16.17		
10	64QAM	25	12	16.05	16.13	16.13	17.7	0
10	64QAM	25	25	15.99	16.17	16.16		
10	64QAM	50	0	16.09	16.17	16.04		
10	256QAM	1	0	16.03	16.09	16.01		
10	256QAM	1	25	16.10	16.12	16.10	17.5	0.2
10	256QAM	1	49	15.98	16.10	15.83		
10	256QAM	25	0	15.90	16.06	16.11		
10	256QAM	25	12	16.01	16.13	16.02	17.5	0.2
10	256QAM	25	25	15.83	16.05	15.90		
10	256QAM	50	0	15.94	16.05	16.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.22	16.30	16.29		
5	QPSK	1	12	16.24	16.21	16.35	17.7	0
5	QPSK	1	24	16.12	16.29	16.19		
5	QPSK	12	0	16.14	16.32	16.26		
5	QPSK	12	7	16.20	16.23	16.19	17.7	0
5	QPSK	12	13	16.07	16.30	16.15		
5	QPSK	25	0	16.21	16.17	16.17		
5	16QAM	1	0	16.20	16.18	16.10		
5	16QAM	1	12	16.18	16.11	16.08	17.7	0
5	16QAM	1	24	16.21	16.22	15.98		
5	16QAM	12	0	16.11	16.17	16.31		
5	16QAM	12	7	16.04	16.13	16.13	17.7	0
5	16QAM	12	13	15.90	16.16	16.03		
5	16QAM	25	0	16.11	16.05	16.06		
5	64QAM	1	0	16.15	16.26	16.23		
5	64QAM	1	12	16.19	16.28	16.13	17.7	0
5	64QAM	1	24	16.15	16.22	16.22		
5	64QAM	12	0	16.18	16.12	16.13		
5	64QAM	12	7	16.00	16.10	16.10	17.7	0
5	64QAM	12	13	15.96	16.16	16.19		
5	64QAM	25	0	16.01	16.12	15.99		
5	256QAM	1	0	15.97	16.09	16.03		
5	256QAM	1	12	16.00	16.13	16.06	17.5	0.2
5	256QAM	1	24	16.02	16.14	15.89		
5	256QAM	12	0	15.92	16.00	16.11		
5	256QAM	12	7	16.03	16.06	16.08	17.5	0.2
5	256QAM	12	13	15.84	16.01	15.88		
5	256QAM	25	0	15.96	15.98	15.96		
Channel				19950	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.33	16.29	16.28		
3	QPSK	1	8	16.20	16.27	16.33	17.7	0
3	QPSK	1	14	16.13	16.30	16.16		
3	QPSK	8	0	16.19	16.32	16.26		
3	QPSK	8	4	16.11	16.23	16.19	17.7	0
3	QPSK	8	7	16.06	16.34	16.14		
3	QPSK	15	0	16.25	16.17	16.22		
3	16QAM	1	0	16.21	16.22	16.17		
3	16QAM	1	8	16.13	16.13	16.08	17.7	0
3	16QAM	1	14	16.12	16.27	15.96		
3	16QAM	8	0	16.16	16.13	16.27		
3	16QAM	8	4	15.99	16.24	16.15	17.7	0
3	16QAM	8	7	15.98	16.21	16.03		
3	16QAM	15	0	16.09	16.10	16.11		
3	64QAM	1	0	16.20	16.19	16.20		
3	64QAM	1	8	16.15	16.22	16.14	17.7	0
3	64QAM	1	14	16.15	16.25	16.12		
3	64QAM	8	0	16.17	16.05	16.11		
3	64QAM	8	4	15.99	16.10	16.07	17.7	0
3	64QAM	8	7	15.98	16.18	16.11		
3	64QAM	15	0	16.02	16.13	16.04		
3	256QAM	1	0	15.95	16.18	16.07		
3	256QAM	1	8	16.08	16.08	16.13	17.5	0.2
3	256QAM	1	14	16.05	16.09	15.88		
3	256QAM	8	0	15.93	16.02	16.06		
3	256QAM	8	4	15.97	16.08	16.06	17.5	0.2
3	256QAM	8	7	15.91	15.98	15.97		
3	256QAM	15	0	15.99	16.05	16.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.26	16.27	16.30		
1.4	QPSK	1	3	16.30	16.27	16.29		
1.4	QPSK	1	5	16.12	16.24	16.18		
1.4	QPSK	3	0	16.15	16.27	16.28		
1.4	QPSK	3	1	16.15	16.24	16.12		
1.4	QPSK	3	3	16.10	16.28	16.21		
1.4	QPSK	6	0	16.18	16.17	16.16	17.7	0
1.4	16QAM	1	0	16.13	16.19	16.16		
1.4	16QAM	1	3	16.17	16.12	16.12		
1.4	16QAM	1	5	16.19	16.27	16.02	17.7	0
1.4	16QAM	3	0	16.16	16.19	16.28		
1.4	16QAM	3	1	16.04	16.19	16.14		
1.4	16QAM	3	3	15.96	16.20	16.04		
1.4	16QAM	6	0	16.18	16.05	16.04	17.7	0
1.4	64QAM	1	0	16.16	16.25	16.24		
1.4	64QAM	1	3	16.14	16.28	16.18		
1.4	64QAM	1	5	16.06	16.19	16.20	17.7	0
1.4	64QAM	3	0	16.13	16.13	16.11		
1.4	64QAM	3	1	16.02	16.13	16.12		
1.4	64QAM	3	3	16.05	16.18	16.21		
1.4	64QAM	6	0	15.99	16.17	16.02	17.7	0
1.4	256QAM	1	0	16.01	16.10	16.01		
1.4	256QAM	1	3	16.02	16.08	16.05		
1.4	256QAM	1	5	15.99	16.06	15.81	17.5	0.2
1.4	256QAM	3	0	15.94	16.04	16.04		
1.4	256QAM	3	1	15.99	16.13	16.03		
1.4	256QAM	3	3	15.85	16.00	15.95		
1.4	256QAM	6	0	15.98	16.07	16.02	17.5	0.2

Band 5 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.32	21.35	21.29		
10	QPSK	1	25	21.25	21.26	21.18	22.7	0
10	QPSK	1	49	21.23	21.27	21.17		
10	QPSK	25	0	21.17	21.27	21.24		
10	QPSK	25	12	21.16	21.12	21.07	22.7	0
10	QPSK	25	25	21.14	21.14	21.12		
10	QPSK	50	0	21.21	21.24	21.23		
10	16QAM	1	0	21.28	21.29	21.19		
10	16QAM	1	25	21.15	21.21	21.07	22.7

Band 25 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26500		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	13.30	13.34	13.29	14.1	0
20	QPSK	1	49	13.20	13.19	13.17		
20	QPSK	1	99	13.18	13.27	13.14		
20	QPSK	50	0	13.18	13.30	13.16	14.1	0
20	QPSK	50	24	13.10	13.04	13.09		
20	QPSK	50	50	13.04	13.17	12.99		
20	QPSK	100	0	13.21	13.25	13.16		
20	16QAM	1	0	13.16	13.24	13.14		
20	16QAM	1	49	13.09	13.09	13.09	14.1	0
20	16QAM	1	99	13.09	13.18	12.99		
20	16QAM	50	0	13.11	13.26	13.05		
20	16QAM	50	24	13.02	12.94	13.03	14.1	0
20	16QAM	50	50	12.96	13.11	12.88		
20	16QAM	100	0	13.14	13.16	13.05		
20	64QAM	1	0	13.23	13.29	13.26		
20	64QAM	1	49	13.15	13.06	13.13	14.1	0
20	64QAM	1	99	13.14	13.24	13.01		
20	64QAM	50	0	13.05	13.19	13.05		
20	64QAM	50	24	13.00	12.98	13.05	14.1	0
20	64QAM	50	50	12.99	13.07	12.84		
20	64QAM	100	0	13.11	13.13	13.13		
20	256QAM	1	0	13.21	13.27	13.22		
20	256QAM	1	49	13.09	13.12	13.08	14.1	0
20	256QAM	1	99	13.11	13.23	13.10		
20	256QAM	50	0	13.04	13.18	13.08		
20	256QAM	50	24	13.03	12.92	12.98	14.1	0
20	256QAM	50	50	12.91	13.09	12.90		
20	256QAM	100	0	13.11	13.19	13.02		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	13.23	13.24	13.20	14.1	0
15	QPSK	1	37	13.12	13.10	13.11		
15	QPSK	1	74	13.08	13.14	12.99		
15	QPSK	36	0	13.04	13.20	13.08		
15	QPSK	36	20	12.97	12.95	13.00	14.1	0
15	QPSK	36	39	12.95	13.06	12.92		
15	QPSK	75	0	13.08	13.17	13.07		
15	16QAM	1	0	13.08	13.15	13.06		
15	16QAM	1	37	12.95	13.04	12.98	14.1	0
15	16QAM	1	74	13.00	13.06	12.86		
15	16QAM	36	0	13.04	13.14	12.90		
15	16QAM	36	20	12.87	12.90	12.93	14.1	0
15	16QAM	36	39	12.85	13.07	12.84		
15	16QAM	75	0	13.02	13.10	12.93		
15	64QAM	1	0	13.10	13.18	13.11		
15	64QAM	1	37	13.07	12.96	13.09	14.1	0
15	64QAM	1	74	13.10	13.17	12.95		
15	64QAM	36	0	13.01	13.06	12.95		
15	64QAM	36	20	12.90	12.85	12.96	14.1	0
15	64QAM	36	39	12.86	13.00	12.70		
15	64QAM	75	0	13.01	13.05	13.09		
15	256QAM	1	0	13.07	13.19	13.17		
15	256QAM	1	37	12.95	13.00	12.94	14.1	0
15	256QAM	1	74	13.06	13.14	13.01		
15	256QAM	36	0	12.90	13.09	12.95		
15	256QAM	36	20	12.90	12.83	12.92	14.1	0
15	256QAM	36	39	12.87	13.05	12.76		
15	256QAM	75	0	13.03	13.05	12.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.20	13.22	13.18	14.1	0
10	QPSK	1	25	13.17	13.15	13.05		
10	QPSK	1	49	13.09	13.16	13.02		
10	QPSK	25	0	13.03	13.19	13.12	14.1	0
10	QPSK	25	12	13.02	12.92	13.00		
10	QPSK	25	25	12.94	13.02	12.89		
10	QPSK	50	0	13.12	13.20	13.02		
10	16QAM	1	0	13.11	13.12	12.99		
10	16QAM	1	25	13.03	13.03	13.00	14.1	0
10	16QAM	1	49	13.00	13.07	12.88		
10	16QAM	25	0	13.02	13.12	12.99		
10	16QAM	25	12	12.88	12.84	12.92	14.1	0
10	16QAM	25	25	12.88	13.05	12.81		
10	16QAM	50	0	13.07	13.03	12.90		
10	64QAM	1	0	13.14	13.18	13.13		
10	64QAM	1	25	13.08	13.01	13.07	14.1	0
10	64QAM	1	49	12.99	13.14	12.86		
10	64QAM	25	0	12.96	13.06	12.94		
10	64QAM	25	12	12.92	12.85	13.00	14.1	0
10	64QAM	25	25	12.92	12.99	12.74		
10	64QAM	50	0	13.04	13.02	13.04		
10	256QAM	1	0	13.08	13.16	13.13		
10	256QAM	1	25	13.00	13.02	13.04	14.1	0
10	256QAM	1	49	13.00	13.17	13.02		
10	256QAM	25	0	12.95	13.11	13.04		
10	256QAM	25	12	12.92	12.87	12.88	14.1	0
10	256QAM	25	25	12.84	13.04	12.82		
10	256QAM	50	0	13.04	13.11	12.96		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	13.23	13.23	13.25	14.1	0
5	QPSK	1	12	13.14	13.08	13.11		
5	QPSK	1	24	13.07	13.16	13.00		
5	QPSK	12	0	13.07	13.18	13.04	14.1	0
5	QPSK	12	7	12.97	12.92	13.04		
5	QPSK	12	13	12.97	13.03	12.89		
5	QPSK	25	0	13.13	13.18	13.12		
5	16QAM	1	0	13.06	13.14	13.05		
5	16QAM	1	12	12.99	12.94	12.99	14.1	0
5	16QAM	1	24	13.01	13.09	12.94		
5	16QAM	12	0	13.06	13.17	12.97		
5	16QAM	12	7	12.90	12.89	12.91	14.1	0
5	16QAM	12	13	12.86	13.04	12.78		
5	16QAM	25	0	13.09	13.12	12.94		
5	64QAM	1	0	13.19	13.20	13.12		
5	64QAM	1	12	13.08	12.95	13.06	14.1	0
5	64QAM	1	24	13.08	13.11	12.89		
5	64QAM	12	0	12.96	13.06	12.97		
5	64QAM	12	7	12.94	12.83	12.98	14.1	0
5	64QAM	12	13	12.94	12.97	12.77		
5	64QAM	25	0	13.05	13.00	12.99		
5	256QAM	1	0	13.17	13.23	13.16		
5	256QAM	1	12	12.95	13.09	13.02	14.1	0
5	256QAM	1	24	12.97	13.10	13.03		
5	256QAM	12	0	12.98	13.03	12.96		
5	256QAM	12	7	12.99	12.81	12.94	14.1	0
5	256QAM	12	13	12.77	13.03	12.83		
5	256QAM	25	0	13.07	13.13	12.97		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	13.22	13.25	13.16	14.1	0
3	QPSK	1	8	13.09	13.12	13.05		
3	QPSK	1	14	13.08	13.13	13.07		
3	QPSK	8	0	13.08	13.17	13.04	14.1	0
3	QPSK	8	4	13.01	12.99	12.96		
3	QPSK	8	7	12.98	13.06	12.85		
3	QPSK	15	0	13.15	13.15	13.09		
3	16QAM	1	0	13.04	13.11	13.03		
3	16QAM	1	8	12.97	12.95	12.96	14.1	0
3	16QAM	1	14	13.05	13.14	12.89		
3	16QAM	8	0	12.96	13.18	12.97		
3	16QAM	8	4	12.95	12.90	12.98	14.1	0
3	16QAM	8	7	12.88	12.97	12.75		
3	16QAM	15	0	13.00	13.04	12.91		
3	64QAM	1	0	13.13	13.16	13.15		
3	64QAM	1	8	13.03	12.92	13.04	14.1	0
3	64QAM	1	14	13.08	13.14	12.97		
3	64QAM	8	0	12.92	13.11	12.95		
3	64QAM	8	4	12.94	12.83	12.99	14.1	0
3	64QAM	8	7	12.89	13.01	12.73		
3	64QAM	15	0	13.01	13.06	13.03		
3	256QAM	1	0	13.09	13.18	13.11		
3	256QAM	1	8	13.02	13.06	12.96	14.1	0
3	256QAM	1	14	13.07	13.13	12.97		
3	256QAM	8	0	12.93	13.08	13.02		
3	256QAM	8	4	12.96	12.82	12.84	14.1	0
3	256QAM	8	7	12.77	12.99	12.78		
3	256QAM	15	0	13.06	13.07	12.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	13.20	13.30	13.15	14.1	0
1.4	QPSK	1	3	13.10	13.08	13.04		
1.4	QPSK	1	5	13.12	13.12	13.00		
1.4	QPSK	3	0	13.05	13.16	13.13		
1.4	QPSK	3	1	13.03	12.92	13.04		
1.4	QPSK	3	3	12.93	13.05	12.96		
1.4	QPSK	6	0	13.07	13.17	13.03	14.1	0
1.4	16QAM	1	0	13.09	13.17	13.04	14.1	0
1.4	16QAM	1	3	12.94	12.94	13.03		
1.4	16QAM	1	5	12.96	13.12	12.86		
1.4	16QAM	3	0	12.97	13.19	12.98		
1.4	16QAM	3	1	12.97	12.81	12.93		
1.4	16QAM	3	3	12.85	13.06	12.76		
1.4	16QAM	6	0	13.07	13.11	12.94	14.1	0
1.4	64QAM	1	0	13.13	13.15	13.19	14.1	0
1.4	64QAM	1	3	13.07	13.03	13.03		
1.4	64QAM	1	5	13.06	13.17	12.92		
1.4	64QAM	3	0	13.02	13.14	12.93		
1.4	64QAM	3	1	12.90	12.90	12.98		
1.4	64QAM	3	3	12.90	12.95	12.78		
1.4	64QAM	6	0	13.03	13.03	13.01	14.1	0
1.4	256QAM	1	0	13.13	13.16	13.15	14.1	0
1.4	256QAM	1	3	12.97	13.01	13.00		
1.4	256QAM	1	5	12.98	13.17	13.02		
1.4	256QAM	3	0	12.94	13.15	12.96		
1.4	256QAM	3	1	12.97	12.88	12.84		
1.4	256QAM	3	3	12.83	13.03	12.77		
1.4	256QAM	6	0	13.01	13.10	12.91	14.1	0

Band 26 Ant 4 DSI7

BW [MHz]	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	21.80	21.86	21.78	23	0
15	QPSK	1	37	21.62	21.83	21.65		
15	QPSK	1	74	21.59	21.82	21.65		
15	QPSK	36	0	20.81	20.92	20.72	22	1
15	QPSK	36	20	20.53	20.85	20.58		
15	QPSK	36	39	20.62	20.89	20.73		
15	QPSK	75	0	20.81	20.94	20.79		
15	16QAM	1	0	20.63	20.84	20.58	22	1
15	16QAM	1	37	20.66	20.68	20.59		
15	16QAM	1	74	20.60	20.79	20.49		
15	16QAM	36	0	19.81	19.93	19.79	21	2
15	16QAM	36	20	19.53	19.93	19.49		
15	16QAM	36	39	19.56	19.97	19.80		
15	16QAM	75	0	19.73	19.94	19.76		
15	64QAM	1	0	19.68	19.84	19.51	21	2
15	64QAM	1	37	19.52	19.66	19.60		
15	64QAM	1	74	19.63	19.77	19.48		
15	64QAM	36	0	18.87	18.90	18.71	20	3
15	64QAM	36	20	18.53	18.92	18.60		
15	64QAM	36	39	18.57	18.96	18.78		
15	64QAM	75	0	18.73	18.82	18.82		
15	256QAM	1	0	16.89	16.96	16.66	18	5
15	256QAM	1	37	16.51	16.82	16.64		
15	256QAM	1	74	16.71	16.91	16.67		
15	256QAM	36	0	16.81	16.92	16.85	18	5
15	256QAM	36	20	16.68	16.77	16.63		
15	256QAM	36	39	16.63	16.71	16.59		
15	256QAM	75	0	16.36	16.82	16.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.68	21.67	23	0
10	QPSK	1	25	21.44	21.70	21.57		
10	QPSK	1	49	21.43	21.63	21.53		
10	QPSK	25	0	20.62	20.87	20.63	22	1
10	QPSK	25	12	20.44	20.74	20.51		
10	QPSK	25	25	20.45	20.78	20.66		
10	QPSK	50	0	20.62	20.76	20.68		
10	16QAM	1	0	20.41	20.70	20.43	22	1
10	16QAM	1	25	20.29	20.56	20.28		
10	16QAM	1	49	20.34	20.58	20.43		
10	16QAM	25	0	19.69	19.74	19.63	21	2
10	16QAM	25	12	19.63	19.84	19.42		
10	16QAM	25	25	19.44	19.81	19.63		
10	16QAM	50	0	19.60	19.70	19.62		
10	64QAM	1	0	19.46	19.64	19.41	21	2
10	64QAM	1	25	19.47	19.55	19.39		
10	64QAM	1	49	19.56	19.71	19.33		
10	64QAM	25	0	18.80	18.70	18.54	20	3
10	64QAM	25	12	18.46	18.84	18.54		
10	64QAM	25	25	18.39	18.88	18.64		
10	64QAM	50	0	18.66	18.74	18.72		
10	256QAM	1	0	16.70	16.81	16.50	18	5
10	256QAM	1	25	16.46	16.68	16.43		
10	256QAM	1	49	16.60	16.86	16.53		
10	256QAM	25	0	16.76	16.85	16.69	18	5
10	256QAM	25	12	16.64	16.58	16.46		
10	256QAM	25	25	16.51	16.80	16.53		
10	256QAM	50	0	16.18	16.67	16.35		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.66	21.74	21.57	23	0
5	QPSK	1	12	21.45	21.63	21.52		
5	QPSK	1	24	21.49	21.64	21.46		
5	QPSK	12	0	20.65	20.87	20.57	22	1
5	QPSK	12	7	20.61	20.73	20.53		
5	QPSK	12	13	20.57	20.76	20.68		
5	QPSK	25	0	20.72	20.66	20.75		
5	16QAM	1	0	20.45	20.65	20.42	22	1
5	16QAM	1	12	20.28	20.57	20.36		
5	16QAM	1	24	20.33	20.75	20.34		
5	16QAM	12	0	19.62	19.76	19.65	21	2
5	16QAM	12	7	19.41	19.81	19.60		
5	16QAM	12	13	19.41	19.85	19.65		
5	16QAM	25	0	19.57	19.74	19.61		
5	64QAM	1	0	19.59	19.66	19.33	21	2
5	64QAM	1	12	19.32	19.61	19.48		
5	64QAM	1	24	19.55	19.68	19.40		
5	64QAM	12	0	18.67	18.70	18.58	20	3
5	64QAM	12	7	18.57	18.78	18.55		
5	64QAM	12	13	18.41	18.88	18.59		
5	64QAM	25	0	18.55	18.74	18.70		
5	256QAM	1	0	16.79	16.85	16.51	18	5
5	256QAM	1	12	16.43	16.74	16.60		
5	256QAM	1	24	16.60	16.83	16.54		
5	256QAM	12	0	16.75	16.85	16.71	18	5
5	256QAM	12	7	16.50	16.69	16.42		
5	256QAM	12	13	16.47	16.62	16.52		
5	256QAM	25	0	16.30	16.61	16.43		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.61	21.64	21.72	23	0
3	QPSK	1	8	21.54	21.78	21.45		
3	QPSK	1	14	21.41	21.63	21.45		
3	QPSK	8	0	20.65	20.73	20.57	22	1
3	QPSK	8	4	20.37	20.71	20.52		
3	QPSK	8	7	20.47	20.74	20.53		
3	QPSK	15	0	20.63	20.68	20.60		
3	16QAM	1	0	20.48	20.69	20.42	22	1
3	16QAM	1	8	20.39	20.49	20.32		
3	16QAM	1	14	20.35	20.67	20.41		
3	16QAM	8	0	19.59	19.77	19.74	21	2
3	16QAM	8	4	19.67	19.88	19.43		
3	16QAM	8	7	19.48	19.77	19.75		
3	16QAM	15	0	19.67	19.77	19.68		
3	64QAM	1	0	19.61	19.77	19.44	21	2
3	64QAM	1	8	19.40	19.62	19.41		
3	64QAM	1	14	19.56	19.74	19.29		
3	64QAM	8	0	18.76	18.85	18.64	20	3
3	64QAM	8	4	18.64	18.74	18.52		
3	64QAM	8	7	18.41	18.80	18.65		
3	64QAM	15	0	18.64	18.65	18.67		
3	256QAM	1	0	16.74	16.77	16.53	18	5
3	256QAM	1	8	16.36	16.77	16.47		
3	256QAM	1	14	16.53	16.74	16.48		
3	256QAM	8	0	16.66	16.72	16.72	18	5
3	256QAM	8	4	16.52	16.60	16.48		
3	256QAM	8	7	16.54	16.64	16.48		
3	256QAM	15	0	16.32	16.64	16.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.70	21.64	21.60	23	0
1.4	QPSK	1	3	21.52	21.66	21.53		
1.4	QPSK	1	5	21.47	21.63	21.55		
1.4	QPSK	3	0	21.52	21.56	21.45		
1.4	QPSK	3	1	21.46	21.54	21.47		
1.4	QPSK	3	3	21.28	21.48	21.38		
1.4	QPSK	6	0	20.61	20.69	20.72	22	1
1.4	16QAM	1	0	20.53	20.67	20.52	22	1
1.4	16QAM	1	3	20.42	20.58	20.41		
1.4	16QAM	1	5	20.40	20.64	20.40		
1.4	16QAM	3	0	20.36	20.50	20.47		
1.4	16QAM	3	1	20.22	20.54	20.42		
1.4	16QAM	3	3	20.51	20.54	20.28		
1.4	16QAM	6	0	19.62	19.80	19.60	21	2
1.4	64QAM	1	0	19.51	19.65	19.45	21	2
1.4	64QAM	1	3	19.40	19.59	19.40		
1.4	64QAM	1	5	19.46	19.56	19.43		
1.4	64QAM	3	0	19.45	19.59	19.30		
1.4	64QAM	3	1	19.15	19.36	19.20		
1.4	64QAM	3	3	19.25	19.48	19.23		
1.4	64QAM	6	0	18.54	18.61	18.69	20	3
1.4	256QAM	1	0	16.70	16.82	16.47	18	5
1.4	256QAM	1	3	16.36	16.69	16.56		
1.4	256QAM	1	5	16.64	16.75	16.59		
1.4	256QAM	3	0	16.75	16.87	16.75		
1.4	256QAM	3	1	16.56	16.69	16.50		
1.4	256QAM	3	3	16.46	16.54	16.42		
1.4	256QAM	6	0	16.31	16.67	16.37	18	5

Band 66 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.34	16.40	16.36	17.7	0
20	QPSK	1	49	16.33	16.39	16.36		
20	QPSK	1	99	16.27	16.37	16.29		
20	QPSK	50	0	16.24	16.37	16.36		
20	QPSK	50	24	16.26	16.35	16.31		
20	QPSK	50	50	16.17	16.35	16.26		
20	QPSK	100	0	16.27	16.31	16.28		
20	16QAM	1	0	16.27	16.31	16.28		
20	16QAM	1	49	16.22	16.30	16.28		
20	16QAM	1	99	16.23	16.36	16.18		
20	16QAM	50	0	16.17	16.27	16.36		
20	16QAM	50	24	16.14	16.27	16.21		
20	16QAM	50	50	16.05	16.32	16.19		
20	16QAM	100	0	16.21	16.23	16.21		
20	64QAM	1	0	16.27	16.32	16.25		
20	64QAM	1	49	16.26	16.33	16.27		
20	64QAM	1	99	16.20	16.30	16.26		
20	64QAM	50	0	16.22	16.27	16.30		
20	64QAM	50	24	16.16	16.26	16.20		
20	64QAM	50	50	16.07	16.24	16.24		
20	64QAM	100	0	16.16	16.23	16.17		
20	256QAM	1	0	16.12	16.21	16.17		
20	256QAM	1	49	16.14	16.25	16.17		
20	256QAM	1	99	16.10	16.23	16.03		
20	256QAM	50	0	16.10	16.18	16.15		
20	256QAM	50	24	16.07	16.20	16.09		
20	256QAM	50	50	16.00	16.16	16.06		
20	256QAM	100	0	16.08	16.16	16.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.30	16.35	16.36	17.7	0
15	QPSK	1	37	16.32	16.32	16.25		
15	QPSK	1	74	16.25	16.25	16.17		
15	QPSK	36	0	16.13	16.28	16.36		
15	QPSK	36	20	16.19	16.25	16.22		
15	QPSK	36	39	16.16	16.35	16.22		
15	QPSK	75	0	16.27	16.29	16.23		
15	16QAM	1	0	16.26	16.25	16.27		
15	16QAM	1	37	16.13	16.27	16.22		
15	16QAM	1	74	16.18	16.29	16.17		
15	16QAM	36	0	16.08	16.17	16.34		
15	16QAM	36	20	16.07	16.17	16.15		
15	16QAM	36	39	15.96	16.23	16.14		
15	16QAM	75

Band 38 Ant 1 DSI7

BW [MHz]	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	19.27	19.26	19.22	20.7	0
20	QPSK	1	49	19.11	19.26	19.08		
20	QPSK	1	99	19.12	19.17	19.12		
20	QPSK	50	0	19.09	19.20	19.22	20.7	0
20	QPSK	50	24	19.05	19.14	19.05		
20	QPSK	50	50	18.92	19.06	19.10		
20	QPSK	100	0	19.18	19.20	19.21		
20	16QAM	1	0	19.16	19.14	19.15	20.7	0
20	16QAM	1	49	19.09	19.16	19.04		
20	16QAM	1	99	19.02	18.97	19.06		
20	16QAM	50	0	18.98	19.20	19.17	20.7	0
20	16QAM	50	24	18.99	18.99	18.98		
20	16QAM	50	50	18.81	18.99	19.00		
20	16QAM	100	0	19.03	19.16	19.07		
20	64QAM	1	0	19.08	19.13	19.13	20.7	0
20	64QAM	1	49	19.12	19.11	18.99		
20	64QAM	1	99	19.01	19.14	19.14		
20	64QAM	50	0	19.21	19.20	19.17	20.7	0
20	64QAM	50	24	19.06	19.15	19.03		
20	64QAM	50	50	19.09	19.05	19.02		
20	64QAM	100	0	19.08	19.11	19.06		
20	256QAM	1	0	17.96	17.89	17.83	19	1.7
20	256QAM	1	49	17.80	17.86	17.60		
20	256QAM	1	99	17.87	17.73	17.80		
20	256QAM	50	0	17.66	17.82	17.72	19	1.7
20	256QAM	50	24	17.74	17.82	17.58		
20	256QAM	50	50	17.71	17.70	17.64		
20	256QAM	100	0	17.71	17.55	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.14	19.22	19.09	20.7	0
15	QPSK	1	37	19.05	19.14	19.00		
15	QPSK	1	74	18.97	19.09	19.04		
15	QPSK	36	0	19.03	19.07	19.14	20.7	0
15	QPSK	36	20	18.94	19.06	18.93		
15	QPSK	36	39	18.84	18.95	18.98		
15	QPSK	75	0	19.08	19.07	19.14		
15	16QAM	1	0	19.02	19.08	19.00	20.7	0
15	16QAM	1	37	18.97	19.10	18.99		
15	16QAM	1	74	18.87	18.83	19.01		
15	16QAM	36	0	18.93	19.06	19.08	20.7	0
15	16QAM	36	20	18.92	18.91	18.95		
15	16QAM	36	39	18.72	18.93	18.89		
15	16QAM	75	0	18.92	19.07	18.96		
15	64QAM	1	0	18.95	19.05	19.04	20.7	0
15	64QAM	1	37	18.99	18.98	18.95		
15	64QAM	1	74	18.97	19.00	19.03		
15	64QAM	36	0	19.15	19.11	19.13	20.7	0
15	64QAM	36	20	18.96	19.09	18.96		
15	64QAM	36	39	19.02	19.01	18.99		
15	64QAM	75	0	18.95	19.02	18.91		
15	256QAM	1	0	17.76	17.82	17.69	19	1.7
15	256QAM	1	37	17.71	17.71	17.48		
15	256QAM	1	74	17.82	17.53	17.65		
15	256QAM	36	0	17.48	17.62	17.59	19	1.7
15	256QAM	36	20	17.67	17.77	17.44		
15	256QAM	36	39	17.61	17.66	17.58		
15	256QAM	75	0	17.58	17.46	17.41		
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.16	19.19	19.15	20.7	0
10	QPSK	1	25	19.05	19.21	19.05		
10	QPSK	1	49	18.97	19.08	19.00		
10	QPSK	25	0	19.06	19.07	19.18	20.7	0
10	QPSK	25	12	18.99	19.01	18.92		
10	QPSK	25	25	18.82	18.92	19.00		
10	QPSK	50	0	19.03	19.14	19.11		
10	16QAM	1	0	19.04	19.05	19.08	20.7	0
10	16QAM	1	25	19.00	19.02	18.92		
10	16QAM	1	49	18.87	18.86	18.98		
10	16QAM	25	0	18.86	19.13	19.07	20.7	0
10	16QAM	25	12	18.87	18.86	18.84		
10	16QAM	25	25	18.73	18.92	18.95		
10	16QAM	50	0	18.94	19.03	19.03		
10	64QAM	1	0	18.94	19.04	19.07	20.7	0
10	64QAM	1	25	19.07	19.04	18.94		
10	64QAM	1	49	18.87	19.02	19.07		
10	64QAM	25	0	19.17	19.08	19.12	20.7	0
10	64QAM	25	12	19.03	19.02	18.98		
10	64QAM	25	25	19.02	19.01	18.89		
10	64QAM	50	0	18.94	19.02	18.99		
10	256QAM	1	0	17.87	17.78	17.73	19	1.7
10	256QAM	1	25	17.69	17.70	17.51		
10	256QAM	1	49	17.79	17.52	17.61		
10	256QAM	25	0	17.60	17.67	17.68	19	1.7
10	256QAM	25	12	17.58	17.78	17.52		
10	256QAM	25	25	17.64	17.61	17.60		
10	256QAM	50	0	17.62	17.44	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.19	19.20	19.14	20.7	0
5	QPSK	1	12	18.96	19.21	18.98		
5	QPSK	1	24	19.09	19.03	19.05		
5	QPSK	12	0	18.97	19.12	19.15	20.7	0
5	QPSK	12	7	18.95	19.04	18.97		
5	QPSK	12	13	18.84	18.92	18.99		
5	QPSK	25	0	19.05	19.10	19.11		
5	16QAM	1	0	19.03	19.03	19.01	20.7	0
5	16QAM	1	12	18.98	19.06	18.93		
5	16QAM	1	24	18.91	18.94	19.00		
5	16QAM	12	0	18.94	19.16	19.09	20.7	0
5	16QAM	12	7	18.92	18.92	18.85		
5	16QAM	12	13	18.73	18.93	18.92		
5	16QAM	25	0	18.98	19.03	18.95		
5	64QAM	1	0	19.04	19.06	19.09	20.7	0
5	64QAM	1	12	19.00	19.02	18.88		
5	64QAM	1	24	18.87	19.10	19.09		
5	64QAM	12	0	19.15	19.09	19.13	20.7	0
5	64QAM	12	7	19.01	19.04	18.97		
5	64QAM	12	13	18.95	18.99	18.94		
5	64QAM	25	0	18.93	19.02	19.00		
5	256QAM	1	0	17.79	17.83	17.78	19	1.7
5	256QAM	1	12	17.68	17.67	17.54		
5	256QAM	1	24	17.80	17.58	17.72		
5	256QAM	12	0	17.58	17.75	17.57	19	1.7
5	256QAM	12	7	17.67	17.68	17.51		
5	256QAM	12	13	17.59	17.67	17.50		
5	256QAM	25	0	17.58	17.52	17.44		

Band 41 Ant 1 DSI7

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	19.32	19.34	19.40	19.38	19.35	20.7	0
20	QPSK	1	49	19.20	19.29	19.32	19.26	19.26		
20	QPSK	1	99	19.17	19.20	19.26	19.28	19.23		
20	QPSK	50	0	19.21	19.24	19.37	19.35	19.25	20.7	0
20	QPSK	50	24	19.12	19.20	19.21	19.21	19.13		
20	QPSK	50	50	19.09	19.08	19.21	19.21	19.15		
20	QPSK	100	0	19.18	19.26	19.32	19.31	19.29		
20	16QAM	1	0	19.28	19.29	19.29	19.26	19.31	20.7	0
20	16QAM	1	49	19.06	19.23	19.26	19.16	19.22		
20	16QAM	1	99	19.13	19.14	19.14	19.18	19.12		
20	16QAM	50	0	19.11	19.13	19.30	19.28	19.14	20.7	0
20	16QAM	50	24	19.07	19.07	19.16	19.14	19.04		
20	16QAM	50	50	18.95	18.96	19.08	19.13	19.04		
20	16QAM	100	0	19.09	19.20	19.22	19.19	19.19		
20	64QAM	1	0	19.28	19.23	19.30	19.28	19.22	20.7	0
20	64QAM	1	49	19.15	19.25	19.28	19.11	19.12		
20	64QAM	1	99	19.05	19.08	19.23	19.20	19.11		
20	64QAM	50	0	19.25	19.26	19.28	19.27	19.27	20.7	0
20	64QAM	50	24	19.24	19.23	19.33	19.28	19.29		
20	64QAM	50	50	19.05	19.14	19.18	19.15	19.17		
20	64QAM	100	0	19.08	19.16	19.19	19.14	19.19		
20	256QAM	1	0	17.91	17.82	17.86	17.87	17.90	19	1.7
20	256QAM	1	49	17.75	17.73	17.94	17.82	17.66		
20	256QAM	1	99	17.67	17.76	17.82	17.93	17.69		
20	256QAM	50	0	17.79	17.85	17.82	17.79	17.80	19	1.7
20	256QAM	50	24	17.77	17.59	17.84	17.81	17.59		
20	256QAM	50	50	17.50	17.62	17.78	17.61	17.66		
20	256QAM	100	0	17.49	17.47	17.73	17.60	17.51		
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	19.29	19.26	19.34	19.33	19.32	20.7	0
15	QPSK	1	37	19.10	19.20	19.25	19.21	19.14		
15	QPSK	1	74	19.03	19.11	19.13	19.18	19.20		
15	QPSK	36	0	19.10	19.10	19.32	19.26	19.17	20.7	0
15	QPSK	36	20	18.97	19.06	19.15	19.09	19.01		
15	QPSK	36	39	18.96	19.00	19.08	19.07	19.00		
15	QPSK	75	0	19.09	19.13	19.22	19.27	19.26		
15	16QAM	1	0	19.14	19.23	19.20	19.17	19.18	20.7	0
15	16QAM	1	37	18.91	19.10	19.13	19.08	19.15		
15	16QAM	1	74	19.04	19.01	19.09	19.04	19.03		
15	16QAM	36	0	19.04	19.04	19.15	19.13	19.03	20.7	0
15	16QAM	36	20	18.92	19.01	19.07	19.08	18.89		
15	16QAM	36	39	18.85	18.84	18.99	19.00	18.90		
15	16QAM	75	0	19.00	19.16	19.16	19.10	19.06		
15	64QAM	1	0	19.16	19.14	19.26	19.19	19.11	20.7	0
15	64QAM	1	37	19.07	19.17	19.23	18.97	19.03		
15	64QAM	1	74	19.00	18.94	19.16	19.15	18.98		
15	64QAM	36	0	19.11	19.11	19.19	19.12	19.20	20.7	0
15	64QAM	36	20	19.13	19.17	19.27	19.15	19.15		
15	64QAM	36	39	19.01	19.06	19.07	19.09	19.12		
15	64QAM	75	0	19.03	19.04	19.11	19.07	19.05		
15	256QAM	1	0	17.87	17.63	17.71	17.77	17.86	19	1.7
15	256QAM	1	37	17.58	17.61	17.87	17.61	17.58		
15	256QAM	1	74	17.51	17.62	17.63	17.78	17.54		
15	256QAM	36	0	17.68	17.81	17.68	17.72	17.60	19	1.7
15	256QAM	36	20	17.59	17.45	17.64	17.66	17.48		
15	256QAM	36	39	17.34	17.57	17.65	17.50	17.46		
15	256QAM	75	0	17.28	17.40	17.63	17.39	17.41		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.25	19.24	19.27	19.30	19.23	20.7	0
10	QPSK	1	25	19.16	19.24	19.23	19.22	19.18		
10	QPSK	1	49	19.07	19.09	19.13	19.19	19.17		
10	QPSK	25	0	19.12	19.19	19.31	19.24	19.12	20.7	0
10	QPSK	25	12	19.01	19.13	19.11	19.16	19.03		
10	QPSK	25	25	18.94	18.95	19.11	19.11	19.09		
10	QPSK	50	0	19.14	19.18	19.20	19.25	19.21		
10	16QAM	1	0	19.17	19.20	19.23	19.17	19.18	20.7	0
10	16QAM	1	25	18.95	19.19	19.13	19.07	19.14		
10	16QAM	1	49	19.02	19.03	19.04	19.06	18.99		
10	16QAM	25	0	19.07	19.07	19.24	19.22	19.03	20.7	0
10	16QAM	25	12	19.03	18.96	19.10	19.09	18.95		
10	16QAM	25	25	18.81	18.91	18.97	19.00	18.90		
10	16QAM	50	0	19.01	19.13	19.12	19.14	19.07		
10	64QAM	1	0	19.17	19.18	19.20	19.17	19.12	20.7	0
10	64QAM	1	25	19.10	19.18	19.23	19.04	19.02		
10	64QAM	1	49	18.94	19.00	19.17	19.15	18.99		
10	64QAM	25	0	19.14	19.17	19.22	19.24	19.13	20.7	0
10	64QAM	25	12	19.12	19.09	19.20	19.23	19.15		
10	64QAM	25	25	19.01	19.07	19.09	19.11	19.11		
10	64QAM	50	0	18.94	19.04	19.16	19.09	19.07		
10	256QAM	1	0	17.79	17.67	17.72	17.77	17.74	19	1.7
10	256QAM	1	25	17.65	17.54	17.80	17.67	17.51		
10	256QAM	1	49	17.64	17.56	17.64	17.75	17.55		
10	256QAM	25	0	17.68	17.65	17.66	17.74	17.67	19	1.7
10	256QAM	25	12	17.58	17.48	17.77	17.66	17.51		
10	256QAM	25	25	17.34	17.58	17.73	17.47	17.46		
10	256QAM	50	0	17.33	17.34	17.66	17.54	17.44		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.26	19.22	19.28	19.34	19.31	20.7	0
5	QPSK	1	12	19.12	19.16	19.22	19.13	19.19		
5	QPSK	1	24	19.04	19.16	19.17	19.23	19.11		
5	QPSK	12	0	19.08	19.12	19.25	19.20	19.14	20.7	0
5	QPSK	12	7	19.04	19.16	19.08	19.16	19.04		
5	QPSK	12	13	19.04	18.93	19.11	19.16	19.00		
5	QPSK	25	0	19.07	19.17	19.25	19.24	19.17		
5	16QAM	1	0	19.20	19.17	19.22	19.19	19.23	20.7	0
5	16QAM	1	12	18.96	19.15	19.14	19.04	19.10		
5	16QAM	1	24	19.07	19.03	19.02	19.11	19.06		
5	16QAM	12	0	18.99	19.07	19.18	19.20	19.02	20.7	0
5	16QAM	12	7	18.99	18.99	19.10	19.02	19.00		
5	16QAM	12	13	18.81	18.92	18.99	19.01	18.92		
5	16QAM	25	0	18.98	19.05	19.17	19.10	19.10		
5	64QAM	1	0	19.16	19.19	19.16	19.16	19.18	20.7	0
5	64QAM	1	12	19.05	19.13	19.25	19.05	18.98		
5	64QAM	1	24	19.01	19.00	19.13	19.14	18.97		
5	64QAM	12	0	19.13	19.14	19.19	19.18	19.21	20.7	0
5	64QAM	12	7	19.13	19.11	19.22	19.22	19.19		
5	64QAM	12	13	18.92	19.09	19.13	19.06	19.03		
5	64QAM	25	0	18.96	19.03	19.09	19.00	19.06		
5	256QAM	1	0	17.75	17.75	17.77	17.80	17.79	19	1.7
5	256QAM	1	12	17.57	17.62	17.74	17.65	17.59		
5	256QAM	1	24	17.46	17.64	17.64	17.83	17.54		
5	256QAM	12	0	17.64	17.79	17.71	17.73	17.76	19	1.7
5	256QAM	12	7	17.70	17.41	17.68	17.65	17.49		
5	256QAM	12	13	17.44	17.57	17.74	17.58	17.50		
5	256QAM	25	0	17.40	17.27	17.63	17.45	17.34		

Band 38 Ant 4 DSI7

BW [MHz]	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	14.70	14.83	14.78	16	0
20	QPSK	1	49	14.63	14.73	14.57		
20	QPSK	1	99	14.68	14.75	14.61		
20	QPSK	50	0	14.73	14.78	14.68	16	0
20	QPSK	50	24	14.58	14.66	14.56		
20	QPSK	50	50	14.52	14.64	14.56		
20	QPSK	100	0	14.71	14.69	14.69		
20	16QAM	1	0	14.64	14.69	14.63	16	0
20	16QAM	1	49	14.63	14.64	14.56		
20	16QAM	1	99	14.56	14.66	14.55		
20	16QAM	50	0	14.60	14.73	14.56	16	0
20	16QAM	50	24	14.39	14.48	14.37		
20	16QAM	50	50	14.40	14.51	14.46		
20	16QAM	100	0	14.65	14.65	14.64		
20	64QAM	1	0	14.67	14.79	14.69	16	0
20	64QAM	1	49	14.61	14.57	14.54		
20	64QAM	1	99	14.58	14.55	14.52		
20	64QAM	50	0	14.68	14.62	14.51	16	0
20	64QAM	50	24	14.42	14.57	14.37		
20	64QAM	50	50	14.38	14.51	14.51		
20	64QAM	100	0	14.60	14.70	14.68		
20	256QAM	1	0	14.69	14.68	14.70	16	0
20	256QAM	1	49	14.50	14.68	14.52		
20	256QAM	1	99	14.47	14.61	14.61		
20	256QAM	50	0	14.64	14.64	14.62	16	0
20	256QAM	50	24	14.44	14.56	14.47		
20	256QAM	50	50	14.45	14.55	14.52		
20	256QAM	100	0	14.66	14.66	14.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.66	14.70	14.74	16	0
15	QPSK	1	37	14.50	14.61	14.42		
15	QPSK	1	74	14.57	14.64	14.56		
15	QPSK	36	0	14.60	14.69	14.59	16	0
15	QPSK	36	20	14.54	14.54	14.46		
15	QPSK	36	39	14.42	14.51	14.49		
15	QPSK	75	0	14.62	14.62	14.65		
15	16QAM	1	0	14.55	14.56	14.56	16	0
15	16QAM	1	37	14.55	14.60	14.49		
15	16QAM	1	74	14.52	14.54	14.41		
15	16QAM	36	0	14.54	14.63	14.49	16	0
15	16QAM	36	20	14.29	14.34	14.22		
15	16QAM	36	39	14.29	14.39	14.31		
15	16QAM	75	0	14.54	14.62	14.59		
15	64QAM	1	0	14.57	14.67	14.59	16	0
15	64QAM	1	37	14.55	14.53	14.51		
15	64QAM	1	74	14.51	14.44	14.48		
15	64QAM	36	0	14.56	14.52	14.48	16	0
15	64QAM	36	20	14.39	14.49	14.27		
15	64QAM	36	39	14.27	14.41	14.38		
15	64QAM	75	0	14.53	14.60	14.53		
15	256QAM	1	0	14.59	14.54	14.62	16	0
15	256QAM	1	37	14.43	14.63	14.40		
15	256QAM	1	74	14.36	14.51	14.58		
15	256QAM	36	0	14.50	14.60	14.47	16	0
15	256QAM	36	20	14.32	14.51	14.32		
15	256QAM	36	39	14.32	14.44	14.47		
15	256QAM	75	0	14.62	14.60	14.56		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.66	14.71	14.69	16	0
10	QPSK	1	25	14.56	14.64	14.43		
10	QPSK	1	49	14.54	14.67	14.53		
10	QPSK	25	0	14.67	14.69	14.59	16	0
10	QPSK	25	12	14.52	14.64	14.52		
10	QPSK	25	25	14.45	14.49	14.47		
10	QPSK	50	0	14.58	14.59	14.64		
10	16QAM	1	0	14.55	14.60	14.55	16	0
10	16QAM	1	25	14.53	14.55	14.45		
10	16QAM	1	49	14.46	14.59	14.44		
10	16QAM	25	0	14.53	14.62	14.44	16	0
10	16QAM	25	12	14.29	14.39	14.32		
10	16QAM	25	25	14.25	14.39	14.37		
10	16QAM	50	0	14.58	14.56	14.50		
10	64QAM	1	0	14.64	14.72	14.63	16	0
10	64QAM	1	25	14.58	14.45	14.46		
10	64QAM	1	49	14.46	14.51	14.42		
10	64QAM	25	0	14.60	14.57	14.41	16	0
10	64QAM	25	12	14.28	14.44	14.29		
10	64QAM	25	25	14.30	14.47	14.41		
10	64QAM	50	0	14.47	14.61	14.56		
10	256QAM	1	0	14.56	14.61	14.67	16	0
10	256QAM	1	25	14.43	14.58	14.46		
10	256QAM	1	49	14.36	14.47	14.55		
10	256QAM	25	0	14.54	14.49	14.48	16	0
10	256QAM	25	12	14.35	14.47	14.35		
10	256QAM	25	25	14.34	14.51	14.45		
10	256QAM	50	0	14.57	14.63	14.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.60	14.68	14.73	16	0
5	QPSK	1	12	14.53	14.69	14.54		
5	QPSK	1	24	14.65	14.62	14.52		
5	QPSK	12	0	14.68	14.73	14.58	16	0
5	QPSK	12	7	14.47	14.58	14.48		
5	QPSK	12	13	14.46	14.54	14.49		
5	QPSK	25	0	14.60	14.66	14.63		
5	16QAM	1	0	14.53	14.65	14.56	16	0
5	16QAM	1	12	14.51	14.51	14.49		
5	16QAM	1	24	14.52	14.53	14.51		
5	16QAM	12	0	14.56	14.63	14.52	16	0
5	16QAM	12	7	14.30	14.43	14.34		
5	16QAM	12	13	14.25	14.42	14.31		
5	16QAM	25	0	14.56	14.59	14.59		
5	64QAM	1	0	14.64	14.75	14.60	16	0
5	64QAM	1	12	14.53	14.47	14.45		
5	64QAM	1	24	14.48	14.51	14.42		
5	64QAM	12	0	14.64	14.57	14.42	16	0
5	64QAM	12	7	14.31	14.51	14.30		
5	64QAM	12	13	14.35	14.43	14.40		
5	64QAM	25	0	14.50	14.64	14.64		
5	256QAM	1	0	14.58	14.56	14.61	16	0
5	256QAM	1	12	14.45	14.57	14.49		
5	256QAM	1	24	14.43	14.47	14.51		
5	256QAM	12	0	14.53	14.61	14.56	16	0
5	256QAM	12	7	14.39	14.42	14.36		
5	256QAM	12	13	14.39	14.48	14.40		
5	256QAM	25	0	14.62	14.62	14.50		

Band 41 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.85	14.82	14.90	14.84	14.86	16	0
20	QPSK	1	49	14.74	14.76	14.78	14.70	14.74		
20	QPSK	1	99	14.79	14.75	14.81	14.74	14.75		
20	QPSK	50	0	14.80	14.76	14.85	14.73	14.76	16	0
20	QPSK	50	24	14.66	14.62	14.71	14.61	14.66		
20	QPSK	50	50	14.73	14.61	14.68	14.67	14.61		
20	QPSK	100	0	14.79	14.77	14.83	14.80	14.75		
20	16QAM	1	0	14.74	14.71	14.78	14.70	14.77	16	0
20	16QAM	1	49	14.68	14.68	14.68	14.66	14.70		
20	16QAM	1	99	14.66	14.71	14.75	14.61	14.70		
20	16QAM	50	0	14.76	14.69	14.81	14.66	14.66	16	0
20	16QAM	50	24	14.52	14.51	14.58	14.51	14.57		
20	16QAM	50	50	14.70	14.52	14.59	14.56	14.54		
20	16QAM	100	0	14.69	14.73	14.78	14.75	14.63		
20	64QAM	1	0	14.74	14.73	14.83	14.76	14.82	16	0
20	64QAM	1	49	14.60	14.68	14.69	14.57	14.66		
20	64QAM	1	99	14.68	14.65	14.67	14.62	14.67		
20	64QAM	50	0	14.67	14.72	14.75	14.62	14.70	16	0
20	64QAM	50	24	14.62	14.53	14.67	14.51	14.58		
20	64QAM	50	50	14.61	14.50	14.62	14.58	14.54		
20	64QAM	100	0	14.76	14.66	14.78	14.72	14.65		
20	256QAM	1	0	14.71	14.75	14.77	14.74	14.74	16	0
20	256QAM	1	49	14.66	14.61	14.74	14.63	14.61		
20	256QAM	1	99	14.67	14.60	14.68	14.68	14.68		
20	256QAM	50	0	14.71	14.69	14.74	14.66	14.62	16	0
20	256QAM	50	24	14.57	14.52	14.63	14.50	14.54		
20	256QAM	50	50	14.65	14.55	14.61	14.56	14.47		
20	256QAM	100	0	14.66	14.69	14.76	14.76	14.69		
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	14.82	14.74	14.85	14.74	14.75	16	0
15	QPSK	1	37	14.66	14.64	14.68	14.60	14.71		
15	QPSK	1	74	14.67	14.67	14.75	14.61	14.67		
15	QPSK	36	0	14.72	14.70	14.73	14.69	14.68	16	0
15	QPSK	36	20	14.52	14.57	14.62	14.49	14.55		
15	QPSK	36	39	14.66	14.51	14.63	14.60	14.54		
15	QPSK	75	0	14.71	14.70	14.78	14.73	14.69		
15	16QAM	1	0	14.66	14.65	14.68	14.60	14.72	16	0
15	16QAM	1	37	14.54	14.61	14.57	14.51	14.61		
15	16QAM	1	74	14.58	14.62	14.69	14.57	14.63		
15	16QAM	36	0	14.64	14.64	14.71	14.59	14.61	16	0
15	16QAM	36	20	14.46	14.46	14.45	14.43	14.49		
15	16QAM	36	39	14.64	14.42	14.56	14.48	14.43		
15	16QAM	75	0	14.66	14.69	14.71	14.61	14.59		
15	64QAM	1	0	14.69	14.67	14.80	14.66	14.78	16	0
15	64QAM	1	37	14.50	14.59	14.61	14.48	14.59		
15	64QAM	1	74	14.65	14.59	14.57	14.52	14.58		
15	64QAM	36	0	14.57	14.63	14.70	14.57	14.65	16	0
15	64QAM	36	20	14.58	14.47	14.60	14.45	14.53		
15	64QAM	36	39	14.52	14.38	14.58	14.52	14.46		
15	64QAM	75	0	14.68	14.63	14.69	14.61	14.54		
15	256QAM	1	0	14.60	14.69	14.64	14.66	14.61	16	0
15	256QAM	1	37	14.52	14.55	14.65	14.58	14.58		
15	256QAM	1	74	14.59	14.53	14.55	14.54	14.64		
15	256QAM	36	0	14.66	14.61	14.66	14.53	14.49	16	0
15	256QAM	36	20	14.46	14.47	14.54	14.37	14.41		
15	256QAM	36	39	14.59	14.46	14.55	14.47	14.36		
15	256QAM	75	0	14.53	14.65	14.72	14.64	14.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2686		
10	QPSK	1	0	14.75	14.67	14.77	14.73	14.72	16	0
10	QPSK	1	25	14.66	14.68	14.74	14.66	14.71		
10	QPSK	1	49	14.73	14.68	14.68	14.69	14.65		
10	QPSK	25	0	14.74	14.70	14.81	14.66	14.64	16	0
10	QPSK	25	12	14.60	14.50	14.68	14.51	14.58		
10	QPSK	25	25	14.59	14.51	14.55	14.56	14.47		
10	QPSK	50	0	14.70	14.71	14.69	14.67	14.61		
10	16QAM	1	0	14.69	14.57	14.65	14.66	14.63	16	0
10	16QAM	1	25	14.58	14.60	14.65	14.54	14.57		
10	16QAM	1	49	14.60	14.65	14.61	14.54	14.57		
10	16QAM	25	0	14.71	14.63	14.77	14.55	14.57	16	0
10	16QAM	25	12	14.39	14.41	14.49	14.47	14.44		
10	16QAM	25	25	14.59	14.43	14.48	14.49	14.48		
10	16QAM	50	0	14.61	14.63	14.75	14.63	14.54		
10	64QAM	1	0	14.63	14.58	14.71	14.66	14.78	16	0
10	64QAM	1	25	14.55	14.61	14.61	14.47	14.57		
10	64QAM	1	49	14.63	14.51	14.55	14.59	14.53		
10	64QAM	25	0	14.57	14.64	14.70	14.55	14.55	16	0
10	64QAM	25	12	14.52	14.49	14.56	14.43	14.50		
10	64QAM	25	25	14.46	14.37	14.53	14.44	14.46		
10	64QAM	50	0	14.63	14.54	14.75	14.65	14.61		
10	256QAM	1	0	14.62	14.70	14.72	14.68	14.67	16	0
10	256QAM	1	25	14.54	14.46	14.70	14.56	14.49		
10	256QAM	1	49	14.57	14.53	14.61	14.59	14.59		
10	256QAM	25	0	14.64	14.59	14.60	14.59	14.54	16	0
10	256QAM	25	12	14.44	14.48	14.51	14.45	14.48		
10	256QAM	25	25	14.61	14.40	14.46	14.52	14.33		
10	256QAM	50	0	14.60	14.55	14.67	14.65	14.56		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	14.80	14.70	14.78	14.71	14.82	16	0
5	QPSK	1	12	14.69	14.67	14.72	14.58	14.65		
5	QPSK	1	24	14.65	14.61	14.78	14.62	14.70		
5	QPSK	12	0	14.75	14.63	14.82	14.63	14.62	16	0
5	QPSK	12	7	14.61	14.58	14.62	14.52	14.58		
5	QPSK	12	13	14.64	14.56	14.58	14.52	14.55		
5	QPSK	25	0	14.65	14.68	14.79	14.67	14.70		
5	16QAM	1	0	14.62	14.59	14.65	14.60	14.63	16	0
5	16QAM	1	12	14.56	14.57	14.59	14.53	14.60		
5	16QAM	1	24	14.54	14.63	14.66	14.47	14.56		
5	16QAM	12	0	14.73	14.57	14.67	14.54	14.62	16	0
5	16QAM	12	7	14.47	14.44	14.52	14.45	14.54		
5	16QAM	12	13	14.59	14.44	14.52	14.48	14.49		
5	16QAM	25	0	14.60	14.59	14.75	14.62	14.58	16	0
5	64QAM	1	0	14.69	14.58	14.74	14.64	14.79		
5	64QAM	1	12	14.51	14.58	14.61	14.51	14.51		
5	64QAM	1	24	14.55	14.53	14.57	14.48	14.59		
5	64QAM	12	0	14.60	14.67	14.70	14.56	14.58	16	0
5	64QAM	12	7	14.56	14.45	14.53	14.42	14.48		
5	64QAM	12	13	14.55	14.45	14.55	14.47	14.46		
5	64QAM	25	0	14.61	14.53	14.69	14.60	14.53		
5	256QAM	1	0	14.64	14.68	14.64	14.69	14.61	16	0
5	256QAM	1	12	14.56	14.57	14.60	14.54	14.51		
5	256QAM	1	24	14.56	14.46	14.59	14.61	14.57		
5	256QAM	12	0	14.58	14.57	14.60	14.53	14.50	16	0
5	256QAM	12	7	14.48	14.44	14.53	14.45	14.48		
5	256QAM	12	13	14.61	14.46	14.49	14.45	14.41		
5	256QAM	25	0	14.54	14.56	14.71	14.70	14.64		

Band 42 Ant 5 DSI7

BW [MHz]	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)				3490	3590	3690		
20	QPSK	1	0	16.71	16.75	16.68	17.8	0
20	QPSK	1	49	16.61	16.66	16.61		
20	QPSK	1	99	16.61	16.67	16.62		
20	QPSK	50	0	16.60	16.70	16.59	17.8	0
20	QPSK	50	24	16.51	16.56	16.53		
20	QPSK	50	50	16.52	16.60	16.58		
20	QPSK	100	0	16.66	16.67	16.60		
20	16QAM	1	0	16.64	16.72	16.62	17.8	0
20	16QAM	1	49	16.47	16.62	16.57		
20	16QAM	1	99	16.56	16.55	16.49		
20	16QAM	50	0	16.53	16.67	16.56	17.8	0
20	16QAM	50	24	16.46	16.51	16.48		
20	16QAM	50	50	16.44	16.52	16.49		
20	16QAM	100	0	16.55	16.57	16.51		
20	64QAM	1	0	16.57	16.64	16.62	17.8	0
20	64QAM	1	49	16.55	16.56	16.49		
20	64QAM	1	99	16.51	16.60	16.52		
20	64QAM	50	0	16.49	16.63	16.51	17.8	0
20	64QAM	50	24	16.40	16.44	16.47		
20	64QAM	50	50	16.39	16.46	16.49		
20	64QAM	100	0	16.56	16.59	16.45		
20	256QAM	1	0	16.58	16.68	16.54	17.8	0
20	256QAM	1	49	16.57	16.60	16.57		
20	256QAM	1	99	16.57	16.55	16.50		
20	256QAM	50	0	16.47	16.58	16.51	17.8	0
20	256QAM	50	24	16.40	16.50	16.44		
20	256QAM	50	50	16.45	16.50	16.51		
20	256QAM	100	0	16.60	16.58	16.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3497.5	3590	3682.5		
15	QPSK	1	0	16.66	16.67	16.58	17.8	0
15	QPSK	1	37	16.53	16.58	16.53		
15	QPSK	1	74	16.54	16.63	16.57		
15	QPSK	36	0	16.52	16.64	16.54	17.8	0
15	QPSK	36	20	16.42	16.47	16.39		
15	QPSK	36	39	16.42	16.53	16.52		
15	QPSK	75	0	16.61	16.63	16.45		
15	16QAM	1	0	16.58	16.61	16.51	17.8	0
15	16QAM	1	37	16.36	16.54	16.47		
15	16QAM	1	74	16.48	16.47	16.44		
15	16QAM	36	0	16.39	16.53	16.44	17.8	0
15	16QAM	36	20	16.41	16.36	16.37		
15	16QAM	36	39	16.34	16.46	16.37		
15	16QAM	75	0	16.45	16.43	16.39		
15	64QAM	1	0	16.52	16.55	16.52	17.8	0
15	64QAM	1	37	16.49	16.46	16.37		
15	64QAM	1	74	16.44	16.54	16.45		
15	64QAM	36	0	16.44	16.49	16.41	17.8	0
15	64QAM	36	20	16.31	16.30	16.35		
15	64QAM	36	39	16.28	16.32	16.39		
15	64QAM	75	0	16.53	16.54	16.33		
15	256QAM	1	0	16.48	16.58	16.46	17.8	0
15	256QAM	1	37	16.54	16.47	16.48		
15	256QAM	1	74	16.48	16.52	16.42		
15	256QAM	36	0	16.33	16.44	16.47	17.8	0
15	256QAM	36	20	16.36	16.37	16.33		
15	256QAM	36	39	16.33	16.43	16.42		
15	256QAM	75	0	16.57	16.53	16.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3590	3685		
10	QPSK	1	0	16.59	16.63	16.57	17.8	0
10	QPSK	1	25	16.55	16.56	16.54		
10	QPSK	1	49	16.46	16.59	16.54		
10	QPSK	25	0	16.46	16.56	16.52	17.8	0
10	QPSK	25	12	16.44	16.51	16.44		
10	QPSK	25	25	16.46	16.55	16.55		
10	QPSK	50	0	16.56	16.57	16.49		
10	16QAM	1	0	16.61	16.69	16.58	17.8	0
10	16QAM	1	25	16.32	16.58	16.47		
10	16QAM	1	49	16.52	16.43	16.41		
10	16QAM	25	0	16.42	16.60	16.41	17.8	0
10	16QAM	25	12	16.36	16.43	16.36		
10	16QAM	25	25	16.36	16.45	16.40		
10	16QAM	50	0	16.45	16.52	16.42		
10	64QAM	1	0	16.53	16.56	16.53	17.8	0
10	64QAM	1	25	16.49	16.51	16.44		
10	64QAM	1	49	16.40	16.52	16.45		
10	64QAM	25	0	16.41	16.53	16.44	17.8	0
10	64QAM	25	12	16.35	16.35	16.37		
10	64QAM	25	25	16.25	16.39	16.39		
10	64QAM	50	0	16.46	16.45	16.39		
10	256QAM	1	0	16.52	16.61	16.42	17.8	0
10	256QAM	1	25	16.46	16.46	16.45		
10	256QAM	1	49	16.50	16.47	16.44		
10	256QAM	25	0	16.36	16.48	16.38	17.8	0
10	256QAM	25	12	16.37	16.42	16.32		
10	256QAM	25	25	16.39	16.46	16.40		
10	256QAM	50	0	16.57	16.47	16.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.5	3590	3687.5		
5	QPSK	1	0	16.60	16.66	16.62	17.8	0
5	QPSK	1	12	16.56	16.56	16.55		
5	QPSK	1	24	16.58	16.56	16.56		
5	QPSK	12	0	16.53	16.58	16.50	17.8	0
5	QPSK	12	7	16.38	16.43	16.47		
5	QPSK	12	13	16.47	16.56	16.47		
5	QPSK	25	0	16.52	16.64	16.51		
5	16QAM	1	0	16.58	16.69	16.52	17.8	0
5	16QAM	1	12	16.34	16.56	16.43		
5	16QAM	1	24	16.46	16.51	16.44		
5	16QAM	12	0	16.42	16.57	16.42	17.8	0
5	16QAM	12	7	16.34	16.43	16.45		
5	16QAM	12	13	16.32	16.47	16.39		
5	16QAM	25	0	16.49	16.50	16.41		
5	64QAM	1	0	16.52	16.53	16.52	17.8	0
5	64QAM	1	12	16.50	16.46	16.37		
5	64QAM	1	24	16.41	16.45	16.47		
5	64QAM	12	0	16.37	16.58	16.44	17.8	0
5	64QAM	12	7	16.37	16.38	16.33		
5	64QAM	12	13	16.36	16.32	16.36		
5	64QAM	25	0	16.44	16.46	16.34		
5	256QAM	1	0	16.45	16.55	16.51	17.8	0
5	256QAM	1	12	16.45	16.51	16.52		
5	256QAM	1	24	16.49	16.50	16.36		
5	256QAM	12	0	16.41	16.46	16.44	17.8	0
5	256QAM	12	7	16.30	16.39	16.33		
5	256QAM	12	13	16.42	16.45	16.47		
5	256QAM	25	0	16.56	16.48	16.48		

Full&Default Power Mode Other PA

Band 2 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	22.79	22.73	24	0
20	QPSK	1	49	22.67	22.71	22.64		
20	QPSK	1	99	22.60	22.68	22.66		
20	QPSK	50	0	21.84	21.85	21.80		
20	QPSK	50	24	21.79	21.85	21.65	23	1
20	QPSK	50	50	21.81	21.73	21.77		
20	QPSK	100	0	21.76	21.77	21.75		
20	16QAM	1	0	21.71	21.74	21.72		
20	16QAM	1	49	21.76	21.76	21.67	23	1
20	16QAM	1	99	21.75	21.71	21.68		
20	16QAM	50	0	20.83	20.89	20.76		
20	16QAM	50	24	20.83	20.78	20.74	22	2
20	16QAM	50	50	20.89	20.69	20.81		
20	16QAM	100	0	20.93	20.69	20.67		
20	64QAM	1	0	20.74	20.82	20.72		
20	64QAM	1	49	20.71	20.79	20.76	22	2
20	64QAM	1	99	20.84	20.71	20.74		
20	64QAM	50	0	19.87	19.97	19.72		
20	64QAM	50	24	19.91	19.84	19.79	21	3
20	64QAM	50	50	19.81	19.78	19.85		
20	64QAM	100	0	19.91	19.62	19.62		
20	256QAM	1	0	17.81	17.91	17.79		
20	256QAM	1	49	17.90	17.76	17.68	19	5
20	256QAM	1	99	17.86	17.71	17.85		
20	256QAM	50	0	17.98	17.60	17.73		
20	256QAM	50	24	17.82	17.89	17.66	19	5
20	256QAM	50	50	17.66	17.72	17.75		
20	256QAM	100	0	17.83	17.62	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.71	22.68	24	0
15	QPSK	1	37	22.61	22.67	22.49		
15	QPSK	1	74	22.48	22.57	22.48		
15	QPSK	36	0	21.67	21.79	21.77		
15	QPSK	36	20	21.71	21.67	21.52	23	1
15	QPSK	36	39	21.64	21.68	21.60		
15	QPSK	75	0	21.70	21.69	21.71		
15	16QAM	1	0	21.74	21.59	21.61		
15	16QAM	1	37	21.62	21.65	21.51	23	1
15	16QAM	1	74	21.68	21.52	21.51		
15	16QAM	36	0	20.71	20.73	20.69		
15	16QAM	36	20	20.72	20.73	20.69	22	2
15	16QAM	36	39	20.84	20.50	20.71		
15	16QAM	75	0	20.77	20.53	20.62		
15	64QAM	1	0	20.67	20.63	20.55		
15	64QAM	1	37	20.55	20.69	20.62	22	2
15	64QAM	1	74	20.66	20.58	20.72		
15	64QAM	36	0	19.75	19.81	19.70		
15	64QAM	36	20	19.74	19.83	19.66	21	3
15	64QAM	36	39	19.78	19.71	19.66		
15	64QAM	75	0	19.86	19.58	19.46		
15	256QAM	1	0	17.78	17.83	17.70		
15	256QAM	1	37	17.87	17.72	17.64	19	5
15	256QAM	1	74	17.82	17.63	17.78		
15	256QAM	36	0	17.81	17.53	17.62		
15	256QAM	36	20	17.67	17.72	17.60	19	5
15	256QAM	36	39	17.58	17.58	17.60		
15	256QAM	75	0	17.70	17.54	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.60	22.62	24	0
10	QPSK	1	25	22.51	22.52	22.52		
10	QPSK	1	49	22.55	22.61	22.64		
10	QPSK	25	0	21.79	21.75	21.70		
10	QPSK	25	12	21.70	21.83	21.55	23	1
10	QPSK	25	25	21.62	21.62	21.58		
10	QPSK	50	0	21.77	21.60	21.68		
10	16QAM	1	0	21.71	21.64	21.69		
10	16QAM	1	25	21.70	21.70	21.57	23	1
10	16QAM	1	49	21.75	21.55	21.60		
10	16QAM	25	0	20.69	20.78	20.69		
10	16QAM	25	12	20.80	20.61	20.71	22	2
10	16QAM	25	25	20.71	20.52	20.77		
10	16QAM	50	0	20.89	20.58	20.49		
10	64QAM	1	0	20.57	20.80	20.70		
10	64QAM	1	25	20.61	20.64	20.60	22	2
10	64QAM	1	49	20.68	20.53	20.68		
10	64QAM	25	0	19.86	19.78	19.64		
10	64QAM	25	12	19.88	19.74	19.72	21	3
10	64QAM	25	25	19.72	19.67	19.76		
10	64QAM	50	0	19.81	19.46	19.44		
10	256QAM	1	0	17.78	17.84	17.67		
10	256QAM	1	25	17.82	17.59	17.49	19	5
10	256QAM	1	49	17.74	17.65	17.70		
10	256QAM	25	0	17.86	17.42	17.70		
10	256QAM	25	12	17.77	17.72	17.61	19	5
10	256QAM	25	25	17.48	17.62	17.70		
10	256QAM	50	0	17.70	17.59	17.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.75	22.61	22.69	24	0
5	QPSK	1	12	22.49	22.64	22.57		
5	QPSK	1	24	22.41	22.63	22.60		
5	QPSK	12	0	21.69	21.80	21.67		
5	QPSK	12	7	21.71	21.72	21.59	23	1
5	QPSK	12	13	21.74	21.64	21.63		
5	QPSK	25	0	21.73	21.70	21.60		
5	16QAM	1	0	21.79	21.76	21.62		
5	16QAM	1	12	21.62	21.58	21.57	23	1
5	16QAM	1	24	21.67	21.54	21.51		
5	16QAM	12	0	20.71	20.76	20.57		
5	16QAM	12	7	20.81	20.76	20.67	22	2
5	16QAM	12	13	20.83	20.62	20.66		
5	16QAM	25	0	20.91	20.50	20.50		
5	64QAM	1	0	20.62	20.75	20.69		
5	64QAM	1	12	20.65	20.78	20.70	22	2
5	64QAM	1	24	20.68	20.63	20.60		
5	64QAM	12	0	19.82	19.80	19.57		
5	64QAM	12	7	19.84	19.70	19.71	21	3
5	64QAM	12	13	19.69	19.76	19.76		
5	64QAM	25	0	19.83	19.51	19.57		
5	256QAM	1	0	17.64	17.83	17.61		
5	256QAM	1	12	17.82	17.64	17.50	19	5
5	256QAM	1	24	17.74	17.70	17.74		
5	256QAM	12	0	17.84	17.42	17.56		
5	256QAM	12	7	17.80	17.73	17.54	19	5
5	256QAM	12	13	17.59	17.63	17.64		
5	256QAM	25	0	17.81	17.45	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.67	22.70	24	0
3	QPSK	1	8	22.65	22.56	22.58		
3	QPSK	1	14	22.41	22.57	22.55		
3	QPSK	8	0	21.81	21.81	21.68		
3	QPSK	8	4	21.75	21.82	21.50	23	1
3	QPSK	8	7	21.75	21.60	21.68		
3	QPSK	15	0	21.70	21.74	21.62		
3	16QAM	1	0	21.67	21.75	21.65		
3	16QAM	1	8	21.61	21.71	21.49	23	1
3	16QAM	1	14	21.83	21.59	21.51		
3	16QAM	8	0	20.75	20.74	20.65		
3	16QAM	8	4	20.72	20.63	20.64	22	2
3	16QAM	8	7	20.86	20.55	20.70		
3	16QAM	15	0	20.92	20.53	20.59		
3	64QAM	1	0	20.66	20.69	20.63		
3	64QAM	1	8	20.62	20.62	20.74	22	2
3	64QAM	1	14	20.66	20.67	20.57		
3	64QAM	8	0	19.85	19.74	19.68		
3	64QAM	8	4	19.80	19.82	19.70	21	3
3	64QAM	8	7	19.66	19.63	19.73		
3	64QAM	15	0	19.80	19.48	19.53		
3	256QAM	1	0	17.71	17.85	17.72		
3	256QAM	1	8	17.79	17.67	17.59	19	5
3	256QAM	1	14	17.83	17.63	17.67		
3	256QAM	8	0	17.96	17.48	17.55		
3	256QAM	8	4	17.68	17.79	17.64	19	5
3	256QAM	8	7	17.52	17.71	17.62		
3	256QAM	15	0	17.76	17.54	17.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.61	22.70	24	0
1.4	QPSK	1	3	22.56	22.57	22.47		
1.4	QPSK	1	5	22.50	22.52	22.60		
1.4	QPSK	3	0	22.62	22.44	22.66		
1.4	QPSK	3	1	22.50	22.41	22.37		
1.4	QPSK	3	3	22.41	22.35	22.50		
1.4	QPSK	6	0	21.81	21.66	21.66	23	1
1.4	16QAM	1	0	21.67	21.64	21.57	23	1
1.4	16QAM	1	3	21.58	21.65	21.64		
1.4	16QAM	1	5	21.78	21.62	21.50		
1.4	16QAM	3	0	21.59	21.46	21.48		
1.4	16QAM	3	1	21.48	21.53	21.61		
1.4	16QAM	3	3	21.67	21.57	21.32		
1.4	16QAM	6	0	20.77	20.59	20.54	22	2
1.4	64QAM	1	0	20.73	20.81	20.57	22	2
1.4	64QAM	1	3	20.55	20.76	20.65		
1.4	64QAM	1	5	20.78	20.60	20.67		
1.4	64QAM	3	0	20.69	20.77	20.48		
1.4	64QAM	3	1	20.38	20.68	20.52		
1.4	64QAM	3	3	20.63	20.42	20.63		
1.4	64QAM	6	0	19.73	19.50	19.45	21	3
1.4	256QAM	1	0	17.68	17.90	17.72	19	5
1.4	256QAM	1	3	17.72	17.65	17.61		
1.4	256QAM	1	5	17.70	17.67	17.69		
1.4	256QAM	3	0	17.90	17.42	17.56		
1.4	256QAM	3	1	17.70	17.85	17.64		
1.4	256QAM	3	3	17.58	17.55	17.70		
1.4	256QAM	6	0	17.74	17.45	17.66	19	5

Band 4 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.84	22.81	24	0
20	QPSK	1	49	22.77	22.80	22.76		
20	QPSK	1	99	22.72	22.67	22.64		
20	QPSK	50	0	21.76	21.90	21.87		
20	QPSK	50	24	21.82	21.88	21.75	23	1
20	QPSK	50	50	21.73	21.68	21.64		
20	QPSK	100	0	21.74	21.78	21.71		
20	16QAM	1	0	21.70	21.67	21.64		
20	16QAM	1	49	21.54	21.51	21.45	23	1
20	16QAM	1	99	21.57	21.69	21.53		
20	16QAM	50	0	20.74	20.89	20.86		
20	16QAM	50	24	20.80	20.85	20.71	22	2
20	16QAM	50	50	20.73	20.66	20.65		
20	16QAM	100	0	20.69	20.86	20.76		
20	64QAM	1	0	20.67	20.67	20.71		
20	64QAM	1	49	20.62	20.46	20.39	22	2
20	64QAM	1	99	20.58	20.67	20.58		
20	64QAM	50	0	19.68	19.94	19.91		
20	64QAM	50	24	19.71	19.88	19.78	21	3
20	64QAM	50	50	19.79	19.68	19.71		
20	64QAM	100	0	19.70	19.78	19.76		
20	256QAM	1	0	17.75	17.85	17.89		
20	256QAM	1	49	17.85	17.77	17.73	19	5
20	256QAM	1	99	17.78	17.76	17.57		
20	256QAM	50	0	17.70	17.76	17.66		
20	256QAM	50	24	17.73	17.62	17.64	19	5
20	256QAM	50	50	17.55	17.51	17.54		
20	256QAM	100	0	17.49	17.66	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.73	22.65	22.71	24	0
15	QPSK	1	37	22.60	22.62	22.61		
15	QPSK	1	74	22.60	22.64	22.52		
15	QPSK	36	0	21.55	21.82	21.82		
15	QPSK	36	20	21.63	21.78	21.72	23	1
15	QPSK	36	39	21.64	21.50	21.60		
15	QPSK	75	0	21.61	21.73	21.58		
15	16QAM	1	0	21.64	21.64	21.50		
15	16QAM	1	37	21.50	21.38	21.31	23	1
15	16QAM	1	74	21.46	21.48	21.32		
15	16QAM	36	0	20.54	20.81	20.79		
15	16QAM	36	20	20.72	20.68	20.56	22	2
15	16QAM	36	39	20.62	20.53	20.45		
15	16QAM	75	0	20.65	20.73	20.62		
15	64QAM	1	0	20.47	20.59	20.57		
15	64QAM	1	37	20.44	20.41	20.30	22	2
15	64QAM	1	74	20.42	20.54	20.38		
15	64QAM	36	0	19.65	19.83	19.83		
15	64QAM	36	20	19.67	19.85	19.57	21	3
15	64QAM	36	39	19.65	19.55	19.67		
15	64QAM	75	0	19.49	19.74	19.57		
15	256QAM	1	0	17.67	17.79	17.72		
15	256QAM	1	37	17.80	17.75	17.59	19	5
15	256QAM	1	74	17.66	17.57	17.42		
15	256QAM	36	0	17.61	17.64	17.47		
15	256QAM	36	20	17.63	17.47	17.52	19	5
15	256QAM	36	39	17.48	17.39	17.51		
15	256QAM	75	0	17.41	17.45	17.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.64	24	0
10	QPSK	1	25	22.61	22.62	22.59		
10	QPSK	1	49	22.60	22.55	22.45		
10	QPSK	25	0	21.70	21.82	21.78		
10	QPSK	25	12	21.76	21.73	21.63	23	1
10	QPSK	25	25	21.61	21.60	21.46		
10	QPSK	50	0	21.69	21.58	21.57		
10	16QAM	1	0	21.66	21.48	21.57		
10	16QAM	1	25	21.39	21.47	21.26	23	1
10	16QAM	1	49	21.41	21.62	21.46		
10	16QAM	25	0	20.66	20.80	20.79		
10	16QAM	25	12	20.62	20.70	20.55	22	2
10	16QAM	25	25	20.61	20.61	20.46		
10	16QAM	50	0	20.61	20.74	20.64		
10	64QAM	1	0	20.49	20.56	20.60		
10	64QAM	1	25	20.48	20.27	20.31	22	2
10	64QAM	1	49	20.52	20.62	20.39		
10	64QAM	25	0	19.59	19.85	19.87		
10	64QAM	25	12	19.71	19.72	19.58	21	3
10	64QAM	25	25	19.69	19.56	19.61		
10	64QAM	50	0	19.60	19.58	19.73		
10	256QAM	1	0	17.69	17.70	17.70		
10	256QAM	1	25	17.69	17.85	17.61	19	5
10	256QAM	1	49	17.71	17.68	17.50		
10	256QAM	25	0	17.60	17.56	17.54		
10	256QAM	25	12	17.61	17.46	17.56	19	5
10	256QAM	25	25	17.44	17.37	17.37		
10	256QAM	50	0	17.39	17.51	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.75	22.73	24	0
5	QPSK	1	12	22.56	22.64	22.67		
5	QPSK	1	24	22.59	22.60	22.44		
5	QPSK	12	0	21.57	21.85	21.70		
5	QPSK	12	7	21.62	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.62	21.50		
5	QPSK	25	0	21.60	21.72	21.57		
5	16QAM	1	0	21.60	21.47	21.60		
5	16QAM	1	12	21.33	21.43	21.41	23	1
5	16QAM	1	24	21.43	21.51	21.41		
5	16QAM	12	0	20.57	20.82	20.68		
5	16QAM	12	7	20.70	20.66	20.54	22	2
5	16QAM	12	13	20.63	20.52	20.58		
5	16QAM	25	0	20.62	20.79	20.68		
5	64QAM	1	0	20.51	20.48	20.63		
5	64QAM	1	12	20.54	20.36	20.34	22	2
5	64QAM	1	24	20.49	20.54	20.41		
5	64QAM	12	0	19.53	19.85	19.73		
5	64QAM	12	7	19.67	19.73	19.62	21	3
5	64QAM	12	13	19.70	19.50	19.68		
5	64QAM	25	0	19.49	19.66	19.56		
5	256QAM	1	0	17.66	17.73	17.73		
5	256QAM	1	12	17.79	17.85	17.63	19	5
5	256QAM	1	24	17.60	17.59	17.49		
5	256QAM	12	0	17.63	17.56	17.52		
5	256QAM	12	7	17.53	17.53	17.60	19	5
5	256QAM	12	13	17.42	17.41	17.41		
5	256QAM	25	0	17.40	17.52	17.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.76	22.70	24	0
3	QPSK	1	8	22.67	22.67	22.70		
3	QPSK	1	14	22.57	22.56	22.51		
3	QPSK	8	0	21.62	21.71	21.70		
3	QPSK	8	4	21.76	21.71	21.64	23	1
3	QPSK	8	7	21.55	21.54	21.45		
3	QPSK	15	0	21.56	21.70	21.55		
3	16QAM	1	0	21.62	21.49	21.52		
3	16QAM	1	8	21.47	21.45	21.37	23	1
3	16QAM	1	14	21.41	21.48	21.36		
3	16QAM	8	0	20.56	20.78	20.70		
3	16QAM	8	4	20.67	20.79	20.53	22	2
3	16QAM	8	7	20.67	20.54	20.44		
3	16QAM	15	0	20.63	20.74	20.63		
3	64QAM	1	0	20.46	20.50	20.66		
3	64QAM	1	8	20.50	20.41	20.34	22	2
3	64QAM	1	14	20.44	20.47	20.48		
3	64QAM	8	0	19.54	19.83	19.80		
3	64QAM	8	4	19.71	19.81	19.73	21	3
3	64QAM	8	7	19.63	19.76	19.54		
3	64QAM	15	0	19.49	19.69	19.69		
3	256QAM	1	0	17.59	17.79	17.83		
3	256QAM	1	8	17.71	17.87	17.69	19	5
3	256QAM	1	14	17.65	17.57	17.66		
3	256QAM	8	0	17.56	17.64	17.59		
3	256QAM	8	4	17.60	17.46	17.60	19	5
3	256QAM	8	7	17.37	17.39	17.40		
3	256QAM	15	0	17.43	17.51	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.80	22.73	24	0
1.4	QPSK	1	3	22.58	22.71	22.58		
1.4	QPSK	1	5	22.63	22.55	22.57		
1.4	QPSK	3	0	22.46	22.59	22.56		
1.4	QPSK	3	1	22.46	22.57	22.48		
1.4	QPSK	3	3	22.48	22.37	22.51		
1.4	QPSK	6	0	21.64	21.58	21.64	23	1
1.4	16QAM	1	0	21.55	21.56	21.47	23	1
1.4	16QAM	1	3	21.35	21.36	21.38		
1.4	16QAM	1	5	21.45	21.58	21.45		
1.4	16QAM	3	0	21.49	21.49	21.39		
1.4	16QAM	3	1	21.19	21.30	21.31		
1.4	16QAM	3	3	21.39	21.43	21.27		
1.4	16QAM	6	0	20.57	20.70	20.61	22	2
1.4	64QAM	1	0	20.55	20.56	20.61	22	2
1.4	64QAM	1	3	20.53	20.28	20.36		
1.4	64QAM	1	5	20.49	20.49	20.52		
1.4	64QAM	3	0	20.36	20.47	20.54		
1.4	64QAM	3	1	20.48	20.14	20.28		
1.4	64QAM	3	3	20.31	20.30	20.31		
1.4	64QAM	6	0	19.60	19.74	19.57	21	3
1.4	256QAM	1	0	17.70	17.79	17.81	19	5
1.4	256QAM	1	3	17.68	17.88	17.65		
1.4	256QAM	1	5	17.75	17.64	17.40		
1.4	256QAM	3	0	17.55	17.71	17.59		
1.4	256QAM	3	1	17.59	17.51	17.51		
1.4	256QAM	3	3	17.47	17.32	17.41		
1.4	256QAM	6	0	17.31	17.50	17.42	19	5

Band 66 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.87	22.91	22.85	24	0
20	QPSK	1	49	22.66	22.84	22.76		
20	QPSK	1	99	22.74	22.72	22.78		
20	QPSK	50	0	21.78	21.95	21.91		
20	QPSK	50	24	21.86	21.87	21.70	23	1
20	QPSK	50	50	21.78	21.77	21.70		
20	QPSK	100	0	21.85	21.90	21.88		
20	16QAM	1	0	21.65	21.87	21.81		
20	16QAM	1	49	21.63	21.74	21.68	23	1
20	16QAM	1	99	21.61	21.63	21.59		
20	16QAM	50	0	20.77	20.88	20.92		
20	16QAM	50	24	20.88	20.91	20.63	22	2
20	16QAM	50	50	20.87	20.76	20.73		
20	16QAM	100	0	20.82	20.99

Band 4 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.05	23.06	22.92	24	0
20	QPSK	1	49	22.91	22.85	22.99		
20	QPSK	1	99	22.89	22.78	22.72		
20	QPSK	50	0	21.84	22.14	21.86	23	1
20	QPSK	50	24	21.84	21.93	21.91		
20	QPSK	50	50	21.84	21.88	21.81		
20	QPSK	100	0	21.87	21.96	21.95		
20	16QAM	1	0	21.75	21.87	21.80	23	1
20	16QAM	1	49	21.49	21.78	21.96		
20	16QAM	1	99	21.76	21.65	21.64		
20	16QAM	50	0	20.89	20.98	20.92	22	2
20	16QAM	50	24	20.77	21.04	20.82		
20	16QAM	50	50	20.92	20.90	20.85		
20	16QAM	100	0	21.05	21.09	20.92		
20	64QAM	1	0	20.83	20.86	20.70	22	2
20	64QAM	1	49	20.58	20.73	20.87		
20	64QAM	1	99	20.74	20.58	20.58		
20	64QAM	50	0	19.96	20.15	20.00	21	3
20	64QAM	50	24	19.84	19.79	20.10		
20	64QAM	50	50	19.69	19.94	19.75		
20	64QAM	100	0	20.00	19.97	19.99		
20	256QAM	1	0	17.95	18.02	17.89	19	5
20	256QAM	1	49	17.62	17.76	17.98		
20	256QAM	1	99	17.88	18.00	17.55		
20	256QAM	50	0	18.01	17.99	18.00	19	5
20	256QAM	50	24	17.82	17.88	17.93		
20	256QAM	50	50	17.90	17.74	18.02		
20	256QAM	100	0	17.79	17.56	17.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.82	22.93	22.73	24	0
15	QPSK	1	37	22.75	22.66	22.68		
15	QPSK	1	74	22.66	22.59	22.51		
15	QPSK	36	0	21.67	21.85	21.61	23	1
15	QPSK	36	20	21.65	21.77	21.67		
15	QPSK	36	39	21.52	21.71	21.55		
15	QPSK	75	0	21.69	21.77	21.67		
15	16QAM	1	0	21.48	21.77	21.64	23	1
15	16QAM	1	37	21.29	21.58	21.73		
15	16QAM	1	74	21.62	21.35	21.45		
15	16QAM	36	0	20.66	20.81	20.69	22	2
15	16QAM	36	20	20.57	20.81	20.63		
15	16QAM	36	39	20.71	20.69	20.58		
15	16QAM	75	0	20.91	20.88	20.72		
15	64QAM	1	0	20.70	20.62	20.55	22	2
15	64QAM	1	37	20.30	20.48	20.59		
15	64QAM	1	74	20.51	20.40	20.26		
15	64QAM	36	0	19.74	19.92	19.78	21	3
15	64QAM	36	20	19.54	19.57	19.86		
15	64QAM	36	39	19.58	19.72	19.57		
15	64QAM	75	0	19.87	19.81	19.76		
15	256QAM	1	0	17.76	17.87	17.73	19	5
15	256QAM	1	37	17.42	17.58	17.82		
15	256QAM	1	74	17.67	17.73	17.47		
15	256QAM	36	0	17.85	17.80	17.73	19	5
15	256QAM	36	20	17.73	17.68	17.68		
15	256QAM	36	39	17.65	17.54	17.70		
15	256QAM	75	0	17.50	17.32	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.78	22.84	22.74	24	0
10	QPSK	1	25	22.67	22.70	22.76		
10	QPSK	1	49	22.71	22.60	22.57		
10	QPSK	25	0	21.64	21.96	21.66	23	1
10	QPSK	25	12	21.51	21.69	21.78		
10	QPSK	25	25	21.62	21.68	21.67		
10	QPSK	50	0	21.74	21.76	21.69		
10	16QAM	1	0	21.52	21.76	21.58	23	1
10	16QAM	1	25	21.39	21.56	21.68		
10	16QAM	1	49	21.61	21.39	21.32		
10	16QAM	25	0	20.68	20.82	20.78	22	2
10	16QAM	25	12	20.53	20.80	20.72		
10	16QAM	25	25	20.68	20.82	20.54		
10	16QAM	50	0	20.89	20.79	20.73		
10	64QAM	1	0	20.70	20.55	20.53	22	2
10	64QAM	1	25	20.35	20.49	20.63		
10	64QAM	1	49	20.51	20.41	20.37		
10	64QAM	25	0	19.74	19.84	19.74	21	3
10	64QAM	25	12	19.66	19.65	19.78		
10	64QAM	25	25	19.52	19.70	19.47		
10	64QAM	50	0	19.83	19.90	19.82		
10	256QAM	1	0	17.83	17.83	17.74	19	5
10	256QAM	1	25	17.47	17.63	17.79		
10	256QAM	1	49	17.67	17.76	17.38		
10	256QAM	25	0	17.79	17.78	17.73	19	5
10	256QAM	25	12	17.65	17.66	17.73		
10	256QAM	25	25	17.67	17.49	17.80		
10	256QAM	50	0	17.46	17.31	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.78	22.93	22.70	24	0
5	QPSK	1	12	22.65	22.71	22.67		
5	QPSK	1	24	22.67	22.71	22.63		
5	QPSK	12	0	21.77	21.85	21.63	23	1
5	QPSK	12	7	21.51	21.64	21.67		
5	QPSK	12	13	21.51	21.73	21.64		
5	QPSK	25	0	21.65	21.70	21.73		
5	16QAM	1	0	21.48	21.79	21.66	23	1
5	16QAM	1	12	21.35	21.52	21.76		
5	16QAM	1	24	21.54	21.38	21.31		
5	16QAM	12	0	20.70	20.70	20.73	22	2
5	16QAM	12	7	20.47	20.77	20.65		
5	16QAM	12	13	20.63	20.72	20.58		
5	16QAM	25	0	20.83	20.81	20.84		
5	64QAM	1	0	20.68	20.57	20.65	22	2
5	64QAM	1	12	20.41	20.46	20.67		
5	64QAM	1	24	20.61	20.46	20.28		
5	64QAM	12	0	19.76	19.90	19.78	21	3
5	64QAM	12	7	19.60	19.65	19.89		
5	64QAM	12	13	19.51	19.74	19.56		
5	64QAM	25	0	19.74	19.82	19.80		
5	256QAM	1	0	17.81	17.82	17.78	19	5
5	256QAM	1	12	17.54	17.65	17.80		
5	256QAM	1	24	17.69	17.70	17.49		
5	256QAM	12	0	17.79	17.72	17.85	19	5
5	256QAM	12	7	17.61	17.58	17.73		
5	256QAM	12	13	17.64	17.58	17.81		
5	256QAM	25	0	17.59	17.31	17.30		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.88	22.93	22.82	24	0
3	QPSK	1	8	22.69	22.69	22.74		
3	QPSK	1	14	22.65	22.70	22.62		
3	QPSK	8	0	21.75	21.82	21.72	23	1
3	QPSK	8	4	21.50	21.72	21.65		
3	QPSK	8	7	21.57	21.73	21.61		
3	QPSK	15	0	21.67	21.77	21.80		
3	16QAM	1	0	21.60	21.78	21.68	23	1
3	16QAM	1	8	21.32	21.45	21.72		
3	16QAM	1	14	21.56	21.44	21.38		
3	16QAM	8	0	20.60	20.74	20.81	22	2
3	16QAM	8	4	20.47	20.77	20.67		
3	16QAM	8	7	20.68	20.74	20.63		
3	16QAM	15	0	20.84	20.83	20.75		
3	64QAM	1	0	20.69	20.52	20.53	22	2
3	64QAM	1	8	20.39	20.44	20.66		
3	64QAM	1	14	20.51	20.46	20.28		
3	64QAM	8	0	19.80	19.89	19.78	21	3
3	64QAM	8	4	19.63	19.67	19.85		
3	64QAM	8	7	19.51	19.70	19.50		
3	64QAM	15	0	19.79	19.80	19.75		
3	256QAM	1	0	17.76	17.88	17.83	19	5
3	256QAM	1	8	17.52	17.67	17.89		
3	256QAM	1	14	17.70	17.67	17.48		
3	256QAM	8	0	17.86	17.71	17.72	19	5
3	256QAM	8	4	17.70	17.58	17.76		
3	256QAM	8	7	17.63	17.48	17.72		
3	256QAM	15	0	17.53	17.34	17.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.64	22.63	22.77	24	0
1.4	QPSK	1	3	22.62	22.56	22.72		
1.4	QPSK	1	5	22.68	22.56	22.29		
1.4	QPSK	3	0	22.52	22.34	22.58		
1.4	QPSK	3	1	22.40	22.56	22.39		
1.4	QPSK	3	3	22.48	22.52	22.45		
1.4	QPSK	6	0	21.64	21.83	21.64	23	1
1.4	16QAM	1	0	21.51	21.47	21.56	23	1
1.4	16QAM	1	3	21.38	21.63	21.60		
1.4	16QAM	1	5	21.54	21.25	21.22		
1.4	16QAM	3	0	21.37	21.34	21.47		
1.4	16QAM	3	1	21.34	21.31	21.42		
1.4	16QAM	3	3	21.59	21.19	21.38		
1.4	16QAM	6	0	20.68	20.83	20.63	22	2
1.4	64QAM	1	0	20.51	20.39	20.35	22	2
1.4	64QAM	1	3	20.22	20.21	20.66		
1.4	64QAM	1	5	20.52	20.30	20.38		
1.4	64QAM	3	0	20.47	20.40	20.39		
1.4	64QAM	3	1	20.13	20.23	20.43		
1.4	64QAM	3	3	20.41	20.18	20.26		
1.4	64QAM	6	0	19.80	19.84	19.64	21	3
1.4	256QAM	1	0	17.50	17.71	17.71	19	5
1.4	256QAM	1	3	17.54	17.63	17.68		
1.4	256QAM	1	5	17.66	17.66	17.35		
1.4	256QAM	3	0	17.76	17.85	17.67		
1.4	256QAM	3	1	17.68	17.48	17.54		
1.4	256QAM	3	3	17.44	17.48	17.51		
1.4	256QAM	6	0	17.42	17.18	17.27	19	5

Band 66 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.02	23.14	22.90	24	0
20	QPSK	1	49	22.96	22.82	23.06		
20	QPSK	1	99	22.80	22.79	22.77		
20	QPSK	50	0	21.84	22.17	21.82	23	1
20	QPSK	50	24	21.80	21.97	21.89		
20	QPSK	50	50	21.89	21.96	21.77		
20	QPSK	100	0	21.94	22.15	22.00		
20	16QAM	1	0	21.74	21.96	21.77	23	1
20	16QAM	1	49	21.58	21.87	21.98		
20	16QAM	1	99	21.79	21.73	21.69		
20	16QAM	50	0	20.95	20.93	20.95	22	2
20	16QAM	50	24	20.73	21.08	20.92		
20	16QAM	50	50	20.87	20.99	20.94		
20	16QAM	100	0	21.08	21.18	20.98		
20	64QAM	1	0	20.88	20.90	20.75	22	2
20	64QAM	1	49	20.53	20.69	20.84		
20	64QAM	1	99	20.72	20.62	20.66		
20	64QAM	50	0	20.03	20.19	20.00	21	3
20	64QAM	50	24	19.82	19.75	20.08		
20	64QAM	50	50	19.70	19.96	19.71		
20	64QAM	100	0	20.03	19.93	19.96		
20	256QAM	1	0	18.03	18.03	17.89	19	5
20	256QAM	1	49	17.63	17.78	17.95		
20	256QAM	1	99	17.98	18.03	17.58		
20	256QAM	50	0	18.09	18.08	18.05	19	5
20	256QAM	50	24	17.84	17.90	17.96		
20	256QAM	50	50	17.91	17.83	18.04		
20	256QAM	100	0	17.79	17.57	17.62		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.92	22.86	22.72	24	0
15	QPSK	1	37	22.70	22.67	22.80		
15	QPSK	1	74	22.63	22.57	22.47		
15	QPSK	36	0	21.66	21.91	21.67	23	1
15	QPSK	36	20	21.59	21.75	21.76		
15	QPSK	36	39	21.73	21.66	21.63		
15	QPSK	75	0	21.66	21.88	21.75		
15	16QAM	1	0	21.64	21.68	21.55	23	1
15	16QAM	1	37	21.38	21.64	21.82		
15	16QAM	1	74	21.53	21.48	21.45		
15	16QAM	36	0	20.67	20.83	20.73	22	2
15	16QAM	36	20	20.57	20.85	20.64		
15	16QAM	36	39	20.67	20.69	20.69		
15	16QAM	75	0	20.83	20.92	20.67		
15	64QAM	1	0	20.63	20.73	20.51	22	2
15	64QAM	1	37	20.39	20.54	20.71		
15	64QAM	1	74	20.63	20.45	20.48		
15	64QAM	36	0	19.74	19.92	19.79	21	3
15	64QAM	36	20	19.64	19.65	19.98		
15	64QAM	36	39	19.58	19.82	19.50		
15	64QAM	75	0	19.78	19.74	19.80		
15	256QAM	1	0	17.73	17.82	17.65	19	5
15	256QAM	1	37	17.48	17.64	17.73		
15	256QAM	1	74	17.74	17.78	17.37		
15	256QAM	36	0	17.80	17.88	17.76	19	5
15	256QAM	36	20	17.71	17.76	17.78		
15	256QAM	36	39	17.72	17.62	17.78		
15	256QAM	75	0	17.62	17.35	17.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.95	22.92	22.72	24	0
10	QPSK	1	25	22.75	22.69	22.89		
10	QPSK	1	49	22.67	22.66	22.56		
10	QPSK	25	0	21.63	21.98	21.74	23	1
10	QPSK	25	12	21.67	21.81	21.73		
10	QPSK	25	25	21.72	21.73	21.68		
10	QPSK	50	0	21.74	21.75	21.77		
10	16QAM	1	0	21.56	21.67	21.59	23	1
10	16QAM	1	25	21.36	21.55	21.80		
10	16QAM	1	49	21.57	21.49	21.51		
10	16QAM	25	0	20.70	20.74	20.69	22	2
10	16QAM	25	12	20.59	20.94	20.65		
10	16QAM	25	25	20.74	20.67	20.66		
10	16QAM	50	0	20.85	20.94	20.78		
10	64QAM	1	0	20.66	20.65	20.51	22	2
10	64QAM	1	25	20.42	20.50	20.64		
10	64QAM	1	49	20.56	20.44	20.42		
10	64QAM	25	0	19.84	20.02	19.79	21	3
10	64QAM	25	12	19.61	19.67	19.88		
10	64QAM	25	25	19.53	19.71	19.52		
10	64QAM	50	0	19.90	19.75	19.83		
10	256QAM	1	0	17.83	17.78	17.72	19	5
10	256QAM	1	25	17.43	17.54	17.80		
10	256QAM	1	49	17.72	17.88	17.39		
10	256QAM	25	0	17.83	17.79	17.82	19	5
10	256QAM	25	12	17.65	17.65	17.82		
10	256QAM	25	25	17.70	17.50	17.90		
10	256QAM	50	0	17.64	17.36	17.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.88	22.82	22.79	24	0
5	QPSK	1	12	22.77	22.70	22.88		
5	QPSK	1	24	22.70	22.64	22.54		
5	QPSK	12	0	21.62	21.98	21.63	23	1
5	QPSK	12	7	21.63	21.75	21.74		
5	QPSK	12	13	21.62	21.68	21.67		
5	QPSK	25	0	21.66	21.74	21.73		
5	16QAM	1	0	21.51	21.74	21.58	23	1
5	16QAM	1	12	21.32	21.55	21.74		
5	16QAM	1	24	21.52	21.42	21.51		
5	16QAM	12	0	20.71	20.84	20.67	22	2
5	16QAM	12	7	20.53	20.83	20.66		
5	16QAM	12	13	20.72	20.70	20.66		
5	16QAM	25	0	20.90	20.95	20.78		
5	64QAM	1	0	20.64	20.74	20.48	22	2
5	64QAM	1	12	20.39	20.54	20.63		
5	64QAM	1	24	20.59	20.35	20.42		
5	64QAM	12	0	19.74	19.91	19.87	21	3
5	64QAM	12	7	19.65	19.65	19.93		
5	64QAM	12	13	19.52	19.74	19.65		
5	64QAM	25	0	19.82	19.73	19.88		
5	256QAM	1	0	17.77	17.88	17.78	19	5
5	256QAM	1	12	17.46	17.54	17.86		
5	256QAM	1	24	17.77	17.78	17.44		
5	256QAM	12	0	17.91	17.81	17.77	19	5
5	256QAM	12	7	17.61	17.76	17.74		
5	256QAM	12	13	17.65	17.51	17.91		
5	256QAM	25	0	17.60	17.39	17.48		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.81	22.89	22.79	24	0
3	QPSK	1	8	22.74	22.68	22.81		
3	QPSK	1	14	22.68	22.62	22.61		
3	QPSK	8	0	21.61	21.97	21.62	23	1
3	QPSK	8	4	21.64	21.73	21.71		
3	QPSK	8	7	21.70	21.71	21.62		
3	QPSK	15	0	21.72	21.84	21.81		
3	16QAM	1	0	21.56	21.62	21.55	23	1
3	16QAM	1	8	21.33	21.62	21.72		
3	16QAM	1	14	21.57	21.46	21.40		
3	16QAM	8	0	20.69	20.81	20.75	22	2
3	16QAM	8	4	20.64	20.82	20.62		
3	16QAM	8	7	20.73	20.78	20.75		
3	16QAM	15	0	20.90	20.88	20.74		
3	64QAM	1	0	20.59	20.70	20.55	22	2
3	64QAM	1	8	20.35	20.62	20.67		
3	64QAM	1	14	20.55	20.39	20.42		
3	64QAM	8	0	19.82	20.04	19.76	21	3
3	64QAM	8	4	19.73	19.66	19.95		
3	64QAM	8	7	19.54	19.74	19.56		
3	64QAM	15	0	19.78	19.82	19.89		
3	256QAM	1	0	17.72	17.81	17.75	19	5
3	256QAM	1	8	17.40	17.65	17.76		
3	256QAM	1	14	17.76	17.83	17.44		
3	256QAM	8	0	17.81	17.83	17.85	19	5
3	256QAM	8	4	17.68	17.66	17.80		
3	256QAM	8	7	17.69	17.54	17.90		
3	256QAM	15	0	17.61	17.39	17.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.67	22.71	22.76	24	0
1.4	QPSK	1	3	22.73	22.47	22.70		
1.4	QPSK	1	5	22.61	22.66	22.32		
1.4	QPSK	3	0	22.50	22.47	22.60		
1.4	QPSK	3	1	22.45	22.52	22.45		
1.4	QPSK	3	3	22.37	22.52	22.47		
1.4	QPSK	6	0	21.62	21.75	21.52	23	1
1.4	16QAM	1	0	21.54	21.49	21.45	23	1
1.4	16QAM	1	3	21.30	21.60	21.48		
1.4	16QAM	1	5	21.55	21.23	21.28		
1.4	16QAM	3	0	21.37	21.37	21.48		
1.4	16QAM	3	1	21.31	21.32	21.33		
1.4	16QAM	3	3	21.59	21.17	21.30		
1.4	16QAM	6	0	20.72	20.81	20.66	22	2
1.4	64QAM	1	0	20.52	20.51	20.37	22	2
1.4	64QAM	1	3	20.24	20.29	20.68		
1.4	64QAM	1	5	20.45	20.42	20.39		
1.4	64QAM	3	0	20.45	20.32	20.49		
1.4	64QAM	3	1	20.16	20.28	20.40		
1.4	64QAM	3	3	20.41	20.14	20.26		
1.4	64QAM	6	0	19.70	19.80	19.63	21	3
1.4	256QAM	1	0	17.59	17.65	17.70	19	5
1.4	256QAM	1	3	17.57	17.62	17.62		
1.4	256QAM	1	5	17.53	17.66	17.34		
1.4	256QAM	3	0	17.68	17.85	17.66		
1.4	256QAM	3	1	17.75	17.52	17.54		
1.4	256QAM	3	3	17.53	17.48	17.44		
1.4	256QAM	6	0	17.32	17.26	17.27	19	5

Reduced Power Mode for Other PA DSI2

Band 2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.78	22.79	22.73		
20	QPSK	1	49	22.67	22.71	22.68	24	0
20	QPSK	1	99	22.60	22.68	22.66		
20	QPSK	50	0	21.84	21.85	21.80		
20	QPSK	50	24	21.79	21.85	21.65	23	1
20	QPSK	50	50	21.81	21.73	21.77		
20	QPSK	100	0	21.76	21.77	21.75		
20	16QAM	1	0	21.71	21.74	21.72		
20	16QAM	1	49	21.76	21.76	21.67	23	1
20	16QAM	1	99	21.75	21.71	21.68		
20	16QAM	50	0	20.83	20.89	20.76		
20	16QAM	50	24	20.83	20.78	20.74	22	2
20	16QAM	50	50	20.89	20.69	20.81		
20	16QAM	100	0	20.93	20.69	20.67		
20	64QAM	1	0	20.74	20.82	20.72		
20	64QAM	1	49	20.71	20.79	20.76	22	2
20	64QAM	1	99	20.84	20.71	20.74		
20	64QAM	50	0	19.87	19.87	19.72		
20	64QAM	50	24	19.91	19.84	19.79	21	3
20	64QAM	50	50	19.81	19.78	19.85		
20	64QAM	100	0	19.91	19.62	19.62		
20	256QAM	1	0	17.81	17.91	17.79		
20	256QAM	1	49	17.90	17.76	17.68	19	5
20	256QAM	1	99	17.86	17.71	17.85		
20	256QAM	50	0	17.98	17.60	17.73		
20	256QAM	50	24	17.82	17.89	17.66	19	5
20	256QAM	50	50	17.66	17.72	17.75		
20	256QAM	100	0	17.83	17.62	17.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.75	22.71	22.68	24	0
15	QPSK	1	37	22.61	22.67	22.49		
15	QPSK	1	74	22.48	22.57	22.48		
15	QPSK	36	0	21.67	21.79	21.77		
15	QPSK	36	20	21.71	21.67	21.52	23	1
15	QPSK	36	39	21.64	21.68	21.60		
15	QPSK	75	0	21.70	21.69	21.71		
15	16QAM	1	0	21.74	21.59	21.61		
15	16QAM	1	37	21.62	21.65	21.51	23	1
15	16QAM	1	74	21.68	21.52	21.51		
15	16QAM	36	0	20.71	20.73	20.69		
15	16QAM	36	20	20.72	20.73	20.69	22	2
15	16QAM	36	39	20.84	20.50	20.71		
15	16QAM	75	0	20.77	20.53	20.62		
15	64QAM	1	0	20.67	20.63	20.55		
15	64QAM	1	37	20.55	20.69	20.62	22	2
15	64QAM	1	74	20.66	20.58	20.72		
15	64QAM	36	0	19.75	19.81	19.70		
15	64QAM	36	20	19.74	19.83	19.66	21	3
15	64QAM	36	39	19.78	19.71	19.66		
15	64QAM	75	0	19.86	19.58	19.46		
15	256QAM	1	0	17.78	17.83	17.70		
15	256QAM	1	37	17.87	17.72	17.64	19	5
15	256QAM	1	74	17.82	17.63	17.78		
15	256QAM	36	0	17.81	17.53	17.62		
15	256QAM	36	20	17.67	17.72	17.60	19	5
15	256QAM	36	39	17.58	17.58	17.60		
15	256QAM	75	0	17.70	17.54	17.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.60	22.62		
10	QPSK	1	25	22.51	22.52	22.62	24	0
10	QPSK	1	49	22.55	22.61	22.64		
10	QPSK	25	0	21.79	21.75	21.70		
10	QPSK	25	12	21.70	21.83	21.55	23	1
10	QPSK	25	25	21.62	21.82	21.58		
10	QPSK	50	0	21.77	21.60	21.68		
10	16QAM	1	0	21.71	21.64	21.69		
10	16QAM	1	25	21.70	21.70	21.57	23	1
10	16QAM	1	49	21.75	21.55	21.60		
10	16QAM	25	0	20.69	20.78	20.69		
10	16QAM	25	12	20.80	20.61	20.71	22	2
10	16QAM	25	25	20.71	20.52	20.77		
10	16QAM	50	0	20.89	20.58	20.49		
10	64QAM	1	0	20.57	20.80	20.70		
10	64QAM	1	25	20.61	20.64	20.60	22	2
10	64QAM	1	49	20.68	20.53	20.68		
10	64QAM	25	0	19.86	19.78	19.64		
10	64QAM	25	12	19.88	19.74	19.72	21	3
10	64QAM	25	25	19.72	19.67	19.76		
10	64QAM	50	0	19.81	19.46	19.44		
10	256QAM	1	0	17.78	17.84	17.67		
10	256QAM	1	25	17.82	17.59	17.49	19	5
10	256QAM	1	49	17.74	17.65	17.70		
10	256QAM	25	0	17.86	17.42	17.70		
10	256QAM	25	12	17.77	17.72	17.61	19	5
10	256QAM	25	25	17.48	17.62	17.70		
10	256QAM	50	0	17.70	17.59	17.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.75	22.61	22.69		
5	QPSK	1	12	22.49	22.64	22.57	24	0
5	QPSK	1	24	22.41	22.63	22.60		
5	QPSK	12	0	21.69	21.80	21.67		
5	QPSK	12	7	21.71	21.72	21.59	23	1
5	QPSK	12	13	21.74	21.64	21.63		
5	QPSK	25	0	21.73	21.70	21.60		
5	16QAM	1	0	21.79	21.76	21.62		
5	16QAM	1	12	21.62	21.58	21.57	23	1
5	16QAM	1	24	21.67	21.54	21.51		
5	16QAM	12	0	20.71	20.76	20.57		
5	16QAM	12	7	20.81	20.76	20.67	22	2
5	16QAM	12	13	20.83	20.62	20.66		
5	16QAM	25	0	20.91	20.50	20.50		
5	64QAM	1	0	20.62	20.75	20.69		
5	64QAM	1	12	20.65	20.78	20.70	22	2
5	64QAM	1	24	20.68	20.63	20.60		
5	64QAM	12	0	19.82	19.80	19.57		
5	64QAM	12	7	19.84	19.70	19.71	21	3
5	64QAM	12	13	19.69	19.76	19.76		
5	64QAM	25	0	19.83	19.51	19.57		
5	256QAM	1	0	17.64	17.83	17.61		
5	256QAM	1	12	17.82	17.64	17.50	19	5
5	256QAM	1	24	17.74	17.70	17.74		
5	256QAM	12	0	17.84	17.42	17.56		
5	256QAM	12	7	17.80	17.73	17.54	19	5
5	256QAM	12	13	17.59	17.63	17.64		
5	256QAM	25	0	17.61	17.45	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.77	22.67	22.70		
3	QPSK	1	8	22.65	22.56	22.58	24	0
3	QPSK	1	14	22.41	22.57	22.55		
3	QPSK	8	0	21.81	21.81	21.68		
3	QPSK	8	4	21.75	21.82	21.50	23	1
3	QPSK	8	7	21.75	21.60	21.68		
3	QPSK	15	0	21.70	21.74	21.62		
3	16QAM	1	0	21.67	21.75	21.65		
3	16QAM	1	8	21.61	21.71	21.49	23	1
3	16QAM	1	14	21.83	21.59	21.51		
3	16QAM	8	0	20.75	20.74	20.65		
3	16QAM	8	4	20.72	20.63	20.64	22	2
3	16QAM	8	7	20.86	20.55	20.70		
3	16QAM	15	0	20.92	20.53	20.59		
3	64QAM	1	0	20.66	20.69	20.63		
3	64QAM	1	8	20.62	20.62	20.74	22	2
3	64QAM	1	14	20.66	20.67	20.57		
3	64QAM	8	0	19.85	19.74	19.68		
3	64QAM	8	4	19.80	19.82	19.70	21	3
3	64QAM	8	7	19.66	19.63	19.73		
3	64QAM	15	0	19.80	19.48	19.53		
3	256QAM	1	0	17.71	17.85	17.72		
3	256QAM	1	8	17.79	17.67	17.59	19	5
3	256QAM	1	14	17.83	17.63	17.67		
3	256QAM	8	0	17.96	17.48	17.55		
3	256QAM	8	4	17.68	17.79	17.64	19	5
3	256QAM	8	7	17.52	17.71	17.62		
3	256QAM	15	0	17.76	17.54	17.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.66	22.61	22.70		
1.4	QPSK	1	3	22.56	22.57	22.47		
1.4	QPSK	1	5	22.50	22.52	22.60	24	0
1.4	QPSK	3	0	22.62	22.44	22.66		
1.4	QPSK	3	1	22.50	22.41	22.37		
1.4	QPSK	3	3	22.41	22.35	22.50		
1.4	QPSK	6	0	21.81	21.66	21.66	23	1
1.4	16QAM	1	0	21.67	21.64	21.57		
1.4	16QAM	1	3	21.58	21.65	21.64		
1.4	16QAM	1	5	21.78	21.62	21.50	23	1
1.4	16QAM	3	0	21.59	21.46	21.48		
1.4	16QAM	3	1	21.48	21.53	21.61		
1.4	16QAM	3	3	21.67	21.57	21.32		
1.4	16QAM	6	0	20.77	20.59	20.54	22	2
1.4	64QAM	1	0	20.73	20.81	20.57		
1.4	64QAM	1	3	20.55	20.76	20.65		
1.4	64QAM	1	5	20.78	20.60	20.67	22	2
1.4	64QAM	3	0	20.69	20.77	20.48		
1.4	64QAM	3	1	20.38	20.68	20.52		
1.4	64QAM	3	3	20.63	20.42	20.63		
1.4	64QAM	6	0	19.73	19.50	19.45	21	3
1.4	256QAM	1	0	17.68	17.90	17.72		
1.4	256QAM	1	3	17.72	17.65	17.61		
1.4	256QAM	1	5	17.70	17.67	17.69	19	5
1.4	256QAM	3	0	17.90	17.42	17.56		
1.4	256QAM	3	1	17.70	17.85	17.64		
1.4	256QAM	3	3	17.58	17.55	17.70		
1.4	256QAM	6	0	17.74	17.45	17.66	19	5

Band 4 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.84	22.81		
20	QPSK	1	49	22.72	22.90	22.76	24	0
20	QPSK	1	99	22.72	22.67	22.64		
20	QPSK	50	0	21.76	21.90	21.87		
20	QPSK	50	24	21.82	21.88	21.75	23	1
20	QPSK	50	50	21.68	21.68	21.64		
20	QPSK	100	0	21.74	21.78	21.71		
20	16QAM	1	0	21.70	21.67	21.64		
20	16QAM	1	49	21.54	21.51	21.45	23	1
20	16QAM	1	99	21.57	21.59	21.53		
20	16QAM	50	0	20.74	20.89	20.86		
20	16QAM	50	24	20.80	20.85	20.71	22	2
20	16QAM	50	50	20.73	20.66	20.65		
20	16QAM	100	0	20.69	20.66	20.76		
20	64QAM	1	0	20.61	20.67	20.71		
20	64QAM	1	49	20.62	20.46	20.39	22	2
20	64QAM	1	99	20.58	20.67	20.58		
20	64QAM	50	0	19.68	19.94	19.91		
20	64QAM	50	24	19.81	19.88	19.78	21	3
20	64QAM	50	50	19.79	19.68	19.71		
20	64QAM	100	0	19.70	19.78	19.76		
20	256QAM	1	0	17.75	17.85	17.89		
20	256QAM	1	49	17.85	17.91	17.73	19	5
20	256QAM	1	99	17.78	17.76	17.57		
20	256QAM	50	0	17.70	17.76	17.66		
20	256QAM	50	24	17.73	17.62	17.64	19	5
20	256QAM	50	50	17.55	17.51	17.54		
20	256QAM	100	0	17.49	17.66	17.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.73	22.71	22.71		
15	QPSK	1	37	22.56	22.60	22.61	24	0
15	QPSK	1	74	22.60	22.64	22.52		
15	QPSK	36	0	21.55	21.82	21.82		
15	QPSK	36	20	21.63	21.78	21.72	23	1
15	QPSK	36	39	21.64	21.50	21.60		
15	QPSK	75	0	21.61	21.73	21.58		
15	16QAM	1	0	21.64	21.64	21.50		
15	16QAM	1	37	21.50	21.31	21.31	23	1
15	16QAM	1	74	21.36	21.51	21.32		
15	16QAM	36	0	20.54	20.81	20.79		
15	16QAM	36	20	20.72	20.68	20.56	22	2
15	16QAM	36	39	20.62	20.53	20.45		
15	16QAM	75	0	20.65	20.73	20.62		
15	64QAM	1	0	20.47	20.59	20.57		
15	64QAM	1	37	20.44	20.41	20.30	22	2
15	64QAM	1	74	20.42	20.54	20.38		
15	64QAM	36	0	19.65	19.83	19.83		
15	64QAM	36	20	19.67	19.85	19.57	21	3
15	64QAM	36	39	19.65	19.55	19.67		
15	64QAM	75	0	19.49	19.74	19.57		
15	256QAM	1	0	17.67	17.79	17.72		
15	256QAM	1	37	17.80	17.75	17.59	19	5
15	256QAM	1	74	17.66	17.57	17.42		
15	256QAM	36	0	17.61	17.64	17.47		
15	256QAM	36	20	17.63	17.47	17.52	19	5
15	256QAM	36	39	17.48	17.39	17.51		
15	256QAM	75	0	17.41	17.45	17.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.64		
10	QPSK	1	25	22.61	22.73	22.59	24	0
10	QPSK	1	49	22.60	22.55	22.45		
10	QPSK	25	0	21.70	21.82	21.78		
10	QPSK	25	12	21.76	21.73	21.63	23	1
10	QPSK	25	25	21.61	21.50	21.46		
10	QPSK	50	0	21.69	21.58	21.57		
10	16QAM	1	0	21.66	21.48	21.57		
10	16QAM	1	25	21.39	21.47	21.26	23	1
10	16QAM	1	49	21.41	21.62	21.45		
10	16QAM	25	0	20.66	20.80	20.79		
10	16QAM	25	12	20.62	20.70	20.55	22	2
10	16QAM	25	25	20.61	20.61	20.46		
10	16QAM	50	0	20.61	20.74	20.64		
10	64QAM	1	0	20.49	20.56	20.60		
10	64QAM	1	25	20.48	20.27	20.31	22	2
10	64QAM	1	49	20.52	20.62	20.39		
10	64QAM	25	0	19.59	19.85	19.87		
10	64QAM	25	12	19.71	19.72	19.58	21	3
10	64QAM	25	25	19.69	19.56	19.61		
10	64QAM	50	0	19.60	19.78	19.73		
10	256QAM	1	0	17.69	17.70	17.70		
10	256QAM	1	25	17.69	17.85	17.61	19	5
10	256QAM	1	49	17.71	17.68	17.50		
10	256QAM	25	0	17.60	17.56	17.54		
10	256QAM	25	12	17.61	17.46	17.56	19	5
10	256QAM	25	25	17.44	17.37	17.37		
10	256QAM	50	0	17.39	17.51	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.75	22.73		
5	QPSK	1	12	22.56	22.64	22.67	24	0
5	QPSK	1	24	22.59	22.60	22.44		
5	QPSK	12	0	21.57	21.86	21.70		
5	QPSK	12	7	21.62	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.62	21.50		
5	QPSK	25	0	21.60	21.72	21.57		
5	16QAM	1	0	21.60	21.47	21.60		
5	16QAM	1	12	21.33	21.43	21.41	23	1
5	16QAM	1	24	21.43	21.51	21.41		
5	16QAM	12	0	20.57	20.82	20.68		
5	16QAM	12	7	20.66	20.76	20.54	22	2
5	16QAM	12	13	20.63	20.52	20.58		
5	16QAM	25	0	20.62	20.79	20.68		
5	64QAM	1	0	20.51	20.48	20.63		
5	64QAM	1	12	20.54	20.36	20.34	22	2
5	64QAM	1	24	20.49	20.54	20.41		
5	64QAM	12	0	19.53	19.85	19.73		
5	64QAM	12	7	19.67	19.73	19.62	21	3
5	64QAM	12	13	19.70	19.50	19.68		
5	64QAM	25	0	19.49	19.66	19.56		
5	256QAM	1	0	17.66	17.73	17.73		
5	256QAM	1	12	17.79	17.85	17.63	19	5
5	256QAM	1	24	17.60	17.59	17.49		
5	256QAM	12	0	17.63	17.56	17.52		
5	256QAM	12	7	17.53	17.53	17.60	19	5
5	256QAM	12	13	17.42	17.41	17.41		
5	256QAM	25	0	17.40	17.52	17.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.73	22.76	22.70		
3	QPSK	1	8	22.67	22.67	22.70	24	0
3	QPSK	1	14	22.57	22.56	22.51		
3	QPSK	8	0	21.62	21.69	21.70		
3	QPSK	8	4	21.76	21.71	21.64	23	1
3	QPSK	8	7	21.55	21.54	21.45		
3	QPSK	15	0	21.56	21.70	21.55		
3	16QAM	1	0	21.62	21.49	21.52		
3	16QAM	1	8	21.47	21.45	21.37	23	1
3	16QAM	1	14	21.41	21.48	21.36		
3	16QAM	8	0	20.68	20.74	20.70		
3	16QAM	8	4	20.59	20.79	20.53	22	2
3	16QAM	8	7	20.67	20.54	20.44		
3	16QAM	15	0	20.63	20.74	20.63		
3	64QAM	1	0	20.46	20.50	20.66		
3	64QAM	1	8	20.50	20.41	20.34	22	2
3	64QAM	1	14	20.44	20.47	20.48		
3	64QAM	8	0	19.54	19.83	19.80		
3	64QAM	8	4	19.71	19.81	19.73	21	3
3	64QAM	8	7	19.44	19.62	19.54		
3	64QAM	15	0	19.49	19.69	19.69		
3	256QAM	1	0	17.59	17.79	17.83		
3	256QAM	1	8	17.71	17.87	17.69	19	5
3	256QAM	1	14	17.65	17.57	17.66		
3	256QAM	8	0	17.56	17.64	17.59		
3	256QAM	8	4	17.60	17.46	17.60	19	5
3	256QAM	8	7	17.37	17.39	17.40		
3	256QAM	15	0	17.43	17.37	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.63	22.80	22.73		
1.4	QPSK	1	3	22.58	22.71	22.58		
1.4	QPSK	1	5	22.63	22.55	22.57	24	0
1.4	QPSK	3	0	22.46	22.59	22.56		
1.4	QPSK	3	1	22.46	22.57	22.48		
1.4	QPSK	3	3	22.48	22.37	22.51		
1.4	QPSK	6	0	21.64	21.58	21.64	23	1
1.4	16QAM	1	0	21.55	21.56	21.47		
1.4	16QAM	1	3	21.35	21.36	21.38		
1.4	16QAM	1	5	21.45	21.58	21.45	23	1
1.4	16QAM	3	0	21.49	21.49	21.39		
1.4	16QAM	3	1	21.19	21.30	21.31		
1.4	16QAM	3	3	21.39	21.43	21.27		
1.4	16QAM	6	0	20.57	20.70	20.61	22	2
1.4	64QAM	1	0	20.55	20.56	20.61		
1.4	64QAM	1	3	20.53	20.28	20.36		
1.4	64QAM	1	5	20.49	20.49	20.52	22	2
1.4	64QAM	3	0	20.36	20.47	20.54		
1.4	64QAM	3	1	20.48	20.14	20.28		
1.4	64QAM	3	3	20.31	20.41	20.31		
1.4	64QAM	6	0	19.60	19.74	19.57	21	3
1.4	256QAM	1	0	17.70	17.79	17.81		
1.4	256QAM	1	3	17.68	17.88	17.65		
1.4	256QAM	1	5	17.75	17.64	17.40	19	5
1.4	256QAM	3	0	17.55	17.71	17.59		
1.4	256QAM	3	1	17.59	17.51	17.51		
1.4	256QAM	3	3	17.47	17.32	17.41		
1.4	256QAM	6	0	17.31	17.50	17.42	19	5

Band 66 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.87	22.91	22.85		
20	QPSK	1	49	22.68	22.84	22.78	24	0
20	QPSK	1	99	22.74	22.72	22.78		
20	QPSK	50	0	21.78	21.95	21.91		
20	QPSK	50	24	21.86	21.87	21.70	23	1
20	QPSK	50	50	21.78	21.77	21.70		
20	QPSK	100	0	21.85	21.90	21.88		
20	16QAM	1	0	21.65	21.87	21.81		
20	16QAM	1	49	21.63	21.74	21.68	23	1
20	16QAM	1	99	21.61	21.63	21.59		
20	16QAM	50	0	20.77	20.88	20.92		
20	16QAM	50	24	20.88	20.91	20.63	22	2
20	16QAM	50	50	20.87	20.76	20.73		
20	16QAM	100	0

Band 4 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.44	19.58	19.51		
20	QPSK	1	49	19.34	19.50	19.32	20.6	0
20	QPSK	1	99	19.52	19.56	19.51		
20	QPSK	50	0	19.40	19.50	19.31		
20	QPSK	50	24	19.49	19.50	19.56	20.6	0
20	QPSK	50	50	19.40	19.50	19.24		
20	QPSK	100	0	19.41	19.54	19.50		
20	16QAM	1	0	19.34	19.53	19.32		
20	16QAM	1	49	19.46	19.52	19.54	20.6	0
20	16QAM	1	99	19.38	19.45	19.29		
20	16QAM	50	0	19.30	19.38	19.42		
20	16QAM	50	24	19.50	19.55	19.53	20.6	0
20	16QAM	50	50	19.43	19.42	19.31		
20	16QAM	100	0	19.51	19.51	19.51		
20	64QAM	1	0	19.43	19.51	19.34		
20	64QAM	1	49	19.43	19.50	19.50	20.6	0
20	64QAM	1	99	19.37	19.49	19.30		
20	64QAM	50	0	19.44	19.53	19.52		
20	64QAM	50	24	19.48	19.54	19.51	20.6	0
20	64QAM	50	50	19.38	19.52	19.31		
20	64QAM	100	0	19.20	19.36	19.35		
20	256QAM	1	0	17.95	18.02	17.89		
20	256QAM	1	49	17.62	17.76	17.98	19	1.6
20	256QAM	1	99	17.88	18.00	17.55		
20	256QAM	50	0	18.01	17.99	18.00		
20	256QAM	50	24	17.82	17.88	17.93	19	1.6
20	256QAM	50	50	17.90	17.74	18.02		
20	256QAM	100	0	17.79	17.56	17.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.35	19.45	19.37		
15	QPSK	1	37	19.23	19.43	19.26	20.6	0
15	QPSK	1	74	19.45	19.52	19.38		
15	QPSK	36	0	19.27	19.42	19.15		
15	QPSK	36	20	19.35	19.38	19.47	20.6	0
15	QPSK	36	39	19.27	19.32	19.16		
15	QPSK	75	0	19.32	19.47	19.32		
15	16QAM	1	0	19.22	19.41	19.19		
15	16QAM	1	37	19.34	19.37	19.48	20.6	0
15	16QAM	1	74	19.27	19.21	19.17		
15	16QAM	36	0	19.17	19.30	19.31		
15	16QAM	36	20	19.35	19.48	19.36	20.6	0
15	16QAM	36	39	19.35	19.28	19.19		
15	16QAM	75	0	19.36	19.40	19.41		
15	64QAM	1	0	19.26	19.41	19.27		
15	64QAM	1	37	19.25	19.51	19.36	20.6	0
15	64QAM	1	74	19.21	19.40	19.16		
15	64QAM	36	0	19.29	19.45	19.44		
15	64QAM	36	20	19.31	19.40	19.38	20.6	0
15	64QAM	36	39	19.22	19.43	19.17		
15	64QAM	75	0	19.12	19.21	19.27		
15	256QAM	1	0	17.76	17.87	17.73		
15	256QAM	1	37	17.42	17.58	17.82	19	1.6
15	256QAM	1	74	17.67	17.73	17.47		
15	256QAM	36	0	17.85	17.80	17.73		
15	256QAM	36	20	17.73	17.68	17.68	19	1.6
15	256QAM	36	39	17.65	17.54	17.70		
15	256QAM	75	0	17.50	17.32	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.32	19.48	19.35		
10	QPSK	1	25	19.25	19.34	19.24	20.6	0
10	QPSK	1	49	19.41	19.49	19.35		
10	QPSK	25	0	19.26	19.32	19.19		
10	QPSK	25	12	19.38	19.38	19.47	20.6	0
10	QPSK	25	25	19.29	19.39	19.15		
10	QPSK	50	0	19.30	19.40	19.39		
10	16QAM	1	0	19.19	19.36	19.24		
10	16QAM	1	25	19.34	19.35	19.48	20.6	0
10	16QAM	1	49	19.23	19.28	19.17		
10	16QAM	25	0	19.20	19.25	19.34		
10	16QAM	25	12	19.36	19.43	19.46	20.6	0
10	16QAM	25	25	19.32	19.32	19.24		
10	16QAM	50	0	19.36	19.42	19.36		
10	64QAM	1	0	19.25	19.37	19.19		
10	64QAM	1	25	19.32	19.46	19.39	20.6	0
10	64QAM	1	49	19.29	19.37	19.15		
10	64QAM	25	0	19.38	19.42	19.35		
10	64QAM	25	12	19.36	19.37	19.35	20.6	0
10	64QAM	25	25	19.22	19.37	19.14		
10	64QAM	50	0	19.06	19.19	19.20		
10	256QAM	1	0	17.83	17.83	17.74		
10	256QAM	1	25	17.47	17.63	17.79	19	1.6
10	256QAM	1	49	17.67	17.76	17.38		
10	256QAM	25	0	17.79	17.78	17.73		
10	256QAM	25	12	17.65	17.86	17.73	19	1.6
10	256QAM	25	25	17.67	17.49	17.80		
10	256QAM	50	0	17.46	17.31	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.31	19.50	19.34		
5	QPSK	1	12	19.23	19.37	19.19	20.6	0
5	QPSK	1	24	19.39	19.50	19.36		
5	QPSK	12	0	19.29	19.36	19.20		
5	QPSK	12	7	19.41	19.37	19.47	20.6	0
5	QPSK	12	13	19.26	19.35	19.16		
5	QPSK	25	0	19.26	19.38	19.38		
5	16QAM	1	0	19.17	19.39	19.15		
5	16QAM	1	12	19.39	19.37	19.42	20.6	0
5	16QAM	1	24	19.23	19.29	19.20		
5	16QAM	12	0	19.21	19.21	19.27		
5	16QAM	12	7	19.36	19.39	19.39	20.6	0
5	16QAM	12	13	19.32	19.32	19.16		
5	16QAM	25	0	19.36	19.41	19.35		
5	64QAM	1	0	19.29	19.42	19.24		
5	64QAM	1	12	19.26	19.46	19.42	20.6	0
5	64QAM	1	24	19.31	19.31	19.21		
5	64QAM	12	0	19.30	19.41	19.36		
5	64QAM	12	7	19.34	19.37	19.42	20.6	0
5	64QAM	12	13	19.22	19.41	19.22		
5	64QAM	25	0	19.07	19.27	19.22		
5	256QAM	1	0	17.81	17.82	17.78		
5	256QAM	1	12	17.54	17.65	17.80	19	1.6
5	256QAM	1	24	17.69	17.70	17.49		
5	256QAM	12	0	17.79	17.72	17.85		
5	256QAM	12	7	17.61	17.58	17.73	19	1.6
5	256QAM	12	13	17.64	17.58	17.81		
5	256QAM	25	0	17.59	17.31	17.30		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.35	19.47	19.44		
3	QPSK	1	8	19.20	19.33	19.24	20.6	0
3	QPSK	1	14	19.43	19.49	19.36		
3	QPSK	8	0	19.31	19.42	19.16		
3	QPSK	8	4	19.40	19.43	19.45	20.6	0
3	QPSK	8	7	19.23	19.37	19.11		
3	QPSK	15	0	19.34	19.46	19.35		
3	16QAM	1	0	19.25	19.42	19.17		
3	16QAM	1	8	19.36	19.41	19.38	20.6	0
3	16QAM	1	14	19.29	19.36	19.18		
3	16QAM	8	0	19.15	19.26	19.33		
3	16QAM	8	4	19.41	19.47	19.41	20.6	0
3	16QAM	8	7	19.27	19.31	19.17		
3	16QAM	15	0	19.34	19.38	19.34		
3	64QAM	1	0	19.28	19.44	19.20		
3	64QAM	1	8	19.33	19.39	19.43	20.6	0
3	64QAM	1	14	19.30	19.31	19.19		
3	64QAM	8	0	19.29	19.42	19.39		
3	64QAM	8	4	19.30	19.39	19.36	20.6	0
3	64QAM	8	7	19.24	19.45	19.23		
3	64QAM	15	0	19.09	19.18	19.22		
3	256QAM	1	0	17.76	17.88	17.83		
3	256QAM	1	8	17.52	17.67	17.89	19	1.6
3	256QAM	1	14	17.70	17.67	17.48		
3	256QAM	8	0	17.86	17.71	17.72		
3	256QAM	8	4	17.70	17.58	17.76	19	1.6
3	256QAM	8	7	17.63	17.48	17.72		
3	256QAM	15	0	17.53	17.34	17.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.30	19.45	19.40		
1.4	QPSK	1	3	19.26	19.37	19.24		
1.4	QPSK	1	5	19.45	19.54	19.34	20.6	0
1.4	QPSK	3	0	19.31	19.37	19.19		
1.4	QPSK	3	1	19.34	19.33	19.50		
1.4	QPSK	3	3	19.24	19.41	19.16		
1.4	QPSK	6	0	19.31	19.47	19.41	20.6	0
1.4	16QAM	1	0	19.26	19.42	19.18		
1.4	16QAM	1	3	19.36	19.43	19.40		
1.4	16QAM	1	5	19.23	19.30	19.11	20.6	0
1.4	16QAM	3	0	19.23	19.28	19.29		
1.4	16QAM	3	1	19.43	19.37	19.40		
1.4	16QAM	3	3	19.35	19.35	19.18		
1.4	16QAM	6	0	19.41	19.39	19.33	20.6	0
1.4	64QAM	1	0	19.29	19.34	19.28		
1.4	64QAM	1	3	19.26	19.46	19.42		
1.4	64QAM	1	5	19.30	19.41	19.16	20.6	0
1.4	64QAM	3	0	19.34	19.40	19.41		
1.4	64QAM	3	1	19.30	19.36	19.41		
1.4	64QAM	3	3	19.32	19.39	19.15		
1.4	64QAM	6	0	19.12	19.20	19.21	20.6	0
1.4	256QAM	1	0	17.50	17.71	17.71		
1.4	256QAM	1	3	17.54	17.63	17.68		
1.4	256QAM	1	5	17.66	17.66	17.35	19	1.6
1.4	256QAM	3	0	17.76	17.85	17.67		
1.4	256QAM	3	1	17.68	17.48	17.54		
1.4	256QAM	3	3	17.44	17.48	17.51		
1.4	256QAM	6	0	17.42	17.18	17.27	19	1.6

Band 66 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.51	19.63	19.56		
20	QPSK	1	49	19.48	19.57	19.38	20.6	0
20	QPSK	1	99	19.40	19.55	19.55		
20	QPSK	50	0	19.42	19.60	19.44		
20	QPSK	50	24	19.44	19.52	19.50	20.6	0
20	QPSK	50	50	19.45	19.61	19.52		
20	QPSK	100	0	19.43	19.53	19.46		
20	16QAM	1	0	19.45	19.62	19.55		
20	16QAM	1	49	19.42	19.58	19.55	20.6	0
20	16QAM	1	99	19.43	19.59	19.50		
20	16QAM	50	0	19.45	19.54	19.47		
20	16QAM	50	24	19.46	19.61	19.45	20.6	0
20	16QAM	50	50	19.43	19.56	19.49		
20	16QAM	100	0	19.43	19.52	19.46		
20	64QAM	1	0	19.40	19.55	19.48		
20	64QAM	1	49	19.39	19.60	19.44	20.6	0
20	64QAM	1	99	19.47	19.53	19.47		
20	64QAM	50	0	19.45	19.53	19.49		
20	64QAM	50	24	19.44	19.56	19.46	20.6	0
20	64QAM	50	50	19.43	19.58	19.55		
20	64QAM	100	0	19.44	19.62	19.45		
20	256QAM	1	0	18.03	18.03	17.89		
20	256QAM	1	49	17.63	17.78	17.95	19	1.6
20	256QAM	1	99	17.98	18.03	17.58		
20	256QAM	50	0	18.09	18.08	18.05		
20	256QAM	50	24	17.84	17.90	17.96	19	1.6
20	256QAM	50	50	17.91	17.83	18.04		
20	256QAM	100	0	17.79	17.57	17.62		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.37	19.47	19.41		
15	QPSK	1	37	19.35	19.46	19.22	20.6	0
15	QPSK	1	74	19.34	19.44	19.48		
15	QPSK	36	0	19.29	19.53	19.30		
15	QPSK	36	20	19.29	19.45	19.34	20.6	0
15	QPSK	36	39	19.28	19.47	19.44		
15	QPSK	75	0	19.26	19.40	19.38		
15	16QAM	1	0	19.29	19.44	19.49		
15	16QAM	1	37	19.27	19.46	19.39	20.6	0
15	16QAM	1	74	19.30	19.42	19.40		
15	16QAM	36	0	19.33	19.48	19.34		
15	16QAM	36	20	19.39	19.54	19.36	20.6	0
15	16QAM	36	39	19.28	19.48	19.33		
15	16QAM	75	0	19.35	19.45	19.34		
15	64QAM	1	0	19.33	19.46	19.42		
15	64QAM	1	37	19.22	19.46	19.29	20.6	0
15	64QAM	1	74	19.34	19.38	19.36		
15	64QAM	36	0	19.36	19.43	19.39		
15	64QAM	36	20	19.31	19.46	19.34	20.6	0
15	64QAM	36	39	19.33	19.43	19.48		
15	64QAM	75	0	19.34	19.54	19.33		
15	256QAM	1	0	17.73	17.82	17.65		
15	256QAM	1	37	17.48	17.64	17.73	19	1.6
15	256QAM	1	74	17.74	17.78	17.37		
15	256QAM	36	0	17.80	17.88	17.76		
15	256QAM	36	20	17.71	17.76	17.78	19	1.6
15	256QAM	36	39	17.72	17.62	17.78		
15	256QAM	75	0	17.62	17.35	17.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.40	19.49	19.40		
10	QPSK	1	25	19.37	19.50	19.28	20.6	0
10	QPSK	1	49	19.29	19.43	19.44		
10	QPSK	25	0	19.26	19.45	19.35		
10	QPSK	25	12	19.31	19.40	19.41	20.6	0
10	QPSK	25	25	19.30	19.53	19.37		
10	QPSK	50	0	19.36	19.39	19.37		
10	16QAM	1	0	19.30	19.48	19.41		
10	16QAM	1	25	19.35	19.44	19.38	20.6	0
10	16QAM	1	49	19.36	19.44	19.38		
10	16QAM	25	0	19.27	19.46	19.31		
10	16QAM	25	12	19.29	19.52	19.28	20.6	0
10	16QAM	25	25	19.37	19.40	19.43		
10	16QAM	50	0	19.26	19.43	19.36		
10	64QAM	1	0	19.32	19.41	19.42		
10	64QAM	1	25	19.31	19.45	19.33	20.6	0
10	64QAM	1	49	19.30	19.38	19.40		
10	64QAM	25	0	19.33	19.41	19.37		
10	64QAM	25	12	19.30	19.39	19.37	20.6	0
10	64QAM	25	25	19.35	19.48	19.42		
10	64QAM	50	0	19.35	19.50	19.35		
10	256QAM	1	0	17.83	17.78	17.72		
10	256QAM	1	25	17.43	17.54	17.80	19	1.6
10	256QAM	1	49	17.72	17.88	17.39		
10	256QAM	25	0	17.83	17.79	17.82		
10	256QAM	25	12	17.65	17.65	17.82	19	1.6
10	256QAM	25	25	17.70	17.50	17.90		
10	256QAM	50	0	17.64	17.36	17.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.40	19.53	19.41		
5	QPSK	1	12	19.37	19.44	19.28	20.6	0
5	QPSK	1	24	19.30	19.40	19.37		
5	QPSK	12	0	19.34	19.45	19.38		
5	QPSK	12	7	19.28	19.38	19.35	20.6	0
5	QPSK	12	13	19.28	19.51	19.37		
5	QPSK	25	0	19.30	19.39	19.37		
5	16QAM	1	0	19.36	19.55	19.41		
5	16QAM	1	12	19.33	19.45	19.47	20.6	0
5	16QAM	1	24	19.28	19.53	19.41		
5	16QAM	12	0	19.39	19.40	19.31		
5	16QAM	12	7	19.28	19.44	19.37	20.6	0
5	16QAM	12	13	19.30	19.39	19.43		
5	16QAM	25	0	19.28	19.36	19.38		
5	64QAM	1	0	19.22	19.41	19.35		
5	64QAM	1	12	19.24	19.50	19.27	20.6	0
5	64QAM	1	24	19.39	19.40	19.34		
5	64QAM	12	0	19.35	19.44	19.36		
5	64QAM	12	7	19.29	19.49	19.38	20.6	0
5	64QAM	12	13	19.37	19.51	19.40		
5	64QAM	25	0	19.34	19.47	19.33		
5	256QAM	1	0	17.77	17.88	17.78		
5	256QAM	1	12	17.46	17.54	17.86	19	1.6
5	256QAM	1	24	17.77	17.78	17.44		
5	256QAM	12	0	17.91	17.81	17.77		
5	256QAM	12	7	17.61	17.76	17.74	19	1.6
5	256QAM	12	13	17.65	17.51	17.91		
5	256QAM	25	0	17.60	17.39	17.48		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.35	19.55	19.47		
3	QPSK	1	8	19.40	19.48	19.24	20.6	0
3	QPSK	1	14	19.26	19.45	19.42		
3	QPSK	8	0	19.32	19.45	19.36		
3	QPSK	8	4	19.27	19.42	19.32	20.6	0
3	QPSK	8	7	19.39	19.44	19.42		
3	QPSK	15	0	19.26	19.43	19.34		
3	16QAM	1	0	19.34	19.49	19.39		
3	16QAM	1	8	19.27	19.46	19.47	20.6	0
3	16QAM	1	14	19.29	19.42	19.39		
3	16QAM	8	0	19.33	19.37	19.36		
3	16QAM	8	4	19.29	19.48	19.31	20.6	0
3	16QAM	8	7	19.33	19.45	19.32		
3	16QAM	15	0	19.33	19.38	19.32		
3	64QAM	1	0	19.31	19.43	19.42		
3	64QAM	1	8	19.25	19.54	19.35	20.6	0
3	64QAM	1	14	19.33	19.40	19.40		
3	64QAM	8	0	19.30	19.40	19.38		
3	64QAM	8	4	19.34	19.41	19.36	20.6	0
3	64QAM	8	7	19.30	19.44	19.46		
3	64QAM	15	0	19.36	19.54	19.38		
3	256QAM	1	0	17.72	17.81	17.75		
3	256QAM	1	8	17.40	17.65	17.76	19	1.6
3	256QAM	1	14	17.76	17.83	17.44		
3	256QAM	8	0	17.81	17.83	17.85		
3	256QAM	8	4	17.68	17.68	17.80	19	1.6
3	256QAM	8	7	17.69	17.54	17.90		
3	256QAM	15	0	17.61	17.39	17.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.42	19.48	19.48		
1.4	QPSK	1	3	19.40	19.49	19.32		
1.4	QPSK	1	5	19.27	19.42	19.48	20.6	0
1.4	QPSK	3	0	19.30	19.47	19.30		
1.4	QPSK	3	1	19.29	19.41	19.35		
1.4	QPSK	3	3	19.32	19.52	19.38		
1.4	QPSK	6	0	19.31	19.37	19.32	20.6	0
1.4	16QAM	1	0	19.36	19.45	19.44		
1.4	16QAM	1	3	19.25	19.41	19.45		
1.4	16QAM	1	5	19.33	19.44	19.42	20.6	0
1.4	16QAM	3	0	19.30	19.46	19.37		
1.4	16QAM	3	1	19.33	19.54	19.36		
1.4	16QAM	3	3	19.36	19.41	19.32		
1.4	16QAM	6	0	19.34	19.35	19.33	20.6	0
1.4	64QAM	1	0	19.23	19.41	19.40		
1.4	64QAM	1	3	19.29	19.50	19.32		
1.4	64QAM	1	5	19.37	19.40	19.36	20.6	0
1.4	64QAM	3	0	19.36	19.43	19.34		
1.4	64QAM	3	1	19.26	19.49	19.38		
1.4	64QAM	3	3	19.28	19.52	19.47		
1.4	64QAM	6	0	19.29	19.46	19.30	20.6	0
1.4	256QAM	1	0	17.59	17.65	17.70		
1.4	256QAM	1	3	17.57	17.62	17.62		
1.4	256QAM	1	5	17.53	17.66	17.34	19	1.6
1.4	256QAM	3	0	17.68	17.85	17.66		
1.4	256QAM	3	1	17.75	17.52	17.54		
1.4	256QAM	3	3	17.53	17.48	17.44		
1.4	256QAM	6	0	17.32	17.26	17.27	19	1.6

Reduced Power Mode for Other PA DSI3

Band 2 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.43	19.46	19.40	20.5	0
20	QPSK	1	49	19.36	19.35	19.28		
20	QPSK	1	99	19.35	19.32	19.33		
20	QPSK	50	0	19.28	19.42	19.31		
20	QPSK	50	24	19.24	19.21	19.15	20.5	0
20	QPSK	50	50	19.25	19.19	19.28		
20	QPSK	100	0	19.33	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.23		
20	16QAM	1	49	19.17	19.19	19.15	20.5	0
20	16QAM	1	99	19.23	19.15	19.19		
20	16QAM	50	0	19.09	19.30	19.10		
20	16QAM	50	24	19.10	19.11	19.00	20.5	0
20	16QAM	50	50	19.16	19.08	19.18		
20	16QAM	100	0	19.18	19.13	19.12		
20	64QAM	1	0	19.33	19.35	19.24		
20	64QAM	1	49	19.24	19.17	19.08	20.5	0
20	64QAM	1	99	19.21	19.16	19.21		
20	64QAM	50	0	19.18	19.27	19.13		
20	64QAM	50	24	19.04	19.01	18.96	20.5	0
20	64QAM	50	50	19.08	19.02	19.14		
20	64QAM	100	0	19.21	19.19	19.15		
20	256QAM	1	0	17.89	18.00	17.86		
20	256QAM	1	49	17.81	17.87	17.81	19	1.5
20	256QAM	1	99	17.90	17.83	17.78		
20	256QAM	50	0	17.83	17.89	17.82		
20	256QAM	50	24	17.76	17.69	17.65	19	1.5
20	256QAM	50	50	17.80	17.65	17.80		
20	256QAM	100	0	17.88	17.82	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.31	19.37	19.26	20.5	0
15	QPSK	1	37	19.20	19.23	19.14		
15	QPSK	1	74	19.20	19.23	19.26		
15	QPSK	36	0	19.23	19.30	19.18		
15	QPSK	36	20	19.20	19.07	19.06		
15	QPSK	36	39	19.18	19.13	19.20		
15	QPSK	75	0	19.20	19.27	19.10		
15	16QAM	1	0	19.17	19.18	19.14	20.5	0
15	16QAM	1	37	19.03	19.04	19.09		
15	16QAM	1	74	19.13	19.00	19.04		
15	16QAM	36	0	18.94	19.15	19.04		
15	16QAM	36	20	19.00	18.98	18.89	20.5	0
15	16QAM	36	39	19.02	18.97	19.04		
15	16QAM	75	0	19.10	18.99	18.96		
15	64QAM	1	0	19.20	19.30	19.13	20.5	0
15	64QAM	1	37	19.18	19.04	18.97		
15	64QAM	1	74	19.16	19.02	19.09		
15	64QAM	36	0	19.05	19.20	19.02		
15	64QAM	36	20	18.96	18.96	18.94	20.5	0
15	64QAM	36	39	18.93	18.92	19.01		
15	64QAM	75	0	19.09	19.09	19.11		
15	256QAM	1	0	17.75	17.93	17.79	19	1.5
15	256QAM	1	37	17.71	17.78	17.70		
15	256QAM	1	74	17.75	17.69	17.71		
15	256QAM	36	0	17.79	17.76	17.73	19	1.5
15	256QAM	36	20	17.67	17.57	17.55		
15	256QAM	36	39	17.66	17.51	17.74		
15	256QAM	75	0	17.75	17.67	17.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.38	19.36	19.25	20.5	0
10	QPSK	1	25	19.20	19.28	19.15		
10	QPSK	1	49	19.19	19.24	19.18		
10	QPSK	25	0	19.14	19.36	19.23	20.5	0
10	QPSK	25	12	19.15	19.17	19.03		
10	QPSK	25	25	19.15	19.09	19.21		
10	QPSK	50	0	19.18	19.20	19.19		
10	16QAM	1	0	19.13	19.19	19.10	20.5	0
10	16QAM	1	25	19.11	19.06	18.99		
10	16QAM	1	49	19.10	19.10	19.12		
10	16QAM	25	0	18.99	19.16	19.01	20.5	0
10	16QAM	25	12	18.99	19.01	18.95		
10	16QAM	25	25	19.12	18.97	19.10		
10	16QAM	50	0	19.12	19.01	19.06		
10	64QAM	1	0	19.19	19.24	19.19	20.5	0
10	64QAM	1	25	19.13	19.06	19.01		
10	64QAM	1	49	19.09	19.07	19.16		
10	64QAM	25	0	19.12	19.18	19.01	20.5	0
10	64QAM	25	12	18.96	18.96	19.01		
10	64QAM	25	25	19.00	18.89	19.05		
10	64QAM	50	0	19.05	19.09	19.01		
10	256QAM	1	0	17.77	17.89	17.81	19	1.5
10	256QAM	1	25	17.75	17.73	17.72		
10	256QAM	1	49	17.79	17.75	17.64		
10	256QAM	25	0	17.68	17.75	17.69	19	1.5
10	256QAM	25	12	17.67	17.59	17.49		
10	256QAM	25	25	17.72	17.53	17.68		
10	256QAM	50	0	17.81	17.68	17.65		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.34	19.31	19.27	20.5	0
5	QPSK	1	12	19.24	19.20	19.23		
5	QPSK	1	24	19.27	19.19	19.24		
5	QPSK	12	0	19.12	19.30	19.18	20.5	0
5	QPSK	12	7	19.11	19.10	19.07		
5	QPSK	12	13	19.11	19.14	19.22		
5	QPSK	25	0	19.23	19.21	19.20		
5	16QAM	1	0	19.15	19.22	19.12	20.5	0
5	16QAM	1	12	19.07	19.05	19.00		
5	16QAM	1	24	19.13	19.02	19.10		
5	16QAM	12	0	18.99	19.19	19.01	20.5	0
5	16QAM	12	7	19.00	19.04	18.90		
5	16QAM	12	13	19.01	19.02	19.10		
5	16QAM	25	0	19.12	19.07	18.97		
5	64QAM	1	0	19.25	19.23	19.20	20.5	0
5	64QAM	1	12	19.18	19.03	19.03		
5	64QAM	1	24	19.06	19.10	19.14		
5	64QAM	12	0	19.03	19.15	19.08	20.5	0
5	64QAM	12	7	18.89	18.92	18.96		
5	64QAM	12	13	19.00	18.87	19.07		
5	64QAM	25	0	19.10	19.03	19.07		
5	256QAM	1	0	17.85	17.87	17.79	19	1.5
5	256QAM	1	12	17.67	17.81	17.66		
5	256QAM	1	24	17.85	17.73	17.67		
5	256QAM	12	0	17.76	17.76	17.74	19	1.5
5	256QAM	12	7	17.71	17.58	17.54		
5	256QAM	12	13	17.69	17.57	17.70		
5	256QAM	25	0	17.81	17.73	17.67		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.37	19.35	19.27	20.5	0
3	QPSK	1	8	19.27	19.20	19.17		
3	QPSK	1	14	19.24	19.16	19.19		
3	QPSK	8	0	19.13	19.27	19.17	20.5	0
3	QPSK	8	4	19.20	19.16	19.07		
3	QPSK	8	7	19.10	19.08	19.20		
3	QPSK	15	0	19.19	19.25	19.11		
3	16QAM	1	0	19.19	19.16	19.12	20.5	0
3	16QAM	1	8	19.05	19.06	19.03		
3	16QAM	1	14	19.18	19.06	19.05		
3	16QAM	8	0	18.96	19.17	19.00	20.5	0
3	16QAM	8	4	19.01	19.00	18.89		
3	16QAM	8	7	19.07	18.93	19.12		
3	16QAM	15	0	19.02	19.04	18.99		
3	64QAM	1	0	19.23	19.21	19.19	20.5	0
3	64QAM	1	8	19.10	19.06	19.02		
3	64QAM	1	14	19.11	19.06	19.07		
3	64QAM	8	0	19.07	19.13	18.99	20.5	0
3	64QAM	8	4	18.98	18.88	18.91		
3	64QAM	8	7	19.03	18.89	19.00		
3	64QAM	15	0	19.06	19.03	19.01		
3	256QAM	1	0	17.85	17.86	17.75	19	1.5
3	256QAM	1	8	17.69	17.82	17.68		
3	256QAM	1	14	17.86	17.73	17.69		
3	256QAM	8	0	17.70	17.84	17.73	19	1.5
3	256QAM	8	4	17.64	17.59	17.59		
3	256QAM	8	7	17.69	17.50	17.69		
3	256QAM	15	0	17.94	17.74	17.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.31	19.36	19.25	20.5	0
1.4	QPSK	1	3	19.31	19.25	19.16		
1.4	QPSK	1	5	19.24	19.27	19.24		
1.4	QPSK	3	0	19.21	19.30	19.24		
1.4	QPSK	3	1	19.10	19.14	19.02		
1.4	QPSK	3	3	19.18	19.06	19.17		
1.4	QPSK	6	0	19.21	19.23	19.10	20.5	0
1.4	16QAM	1	0	19.21	19.22	19.15	20.5	0
1.4	16QAM	1	3	19.02	19.10	19.08		
1.4	16QAM	1	5	19.10	19.10	19.14		
1.4	16QAM	3	0	18.93	19.15	19.00		
1.4	16QAM	3	1	19.05	19.05	18.89		
1.4	16QAM	3	3	19.10	19.02	19.10		
1.4	16QAM	6	0	19.10	19.00	19.01	20.5	0
1.4	64QAM	1	0	19.21	19.28	19.19	20.5	0
1.4	64QAM	1	3	19.11	19.01	18.96		
1.4	64QAM	1	5	19.15	19.08	19.08		
1.4	64QAM	3	0	19.10	19.22	19.04		
1.4	64QAM	3	1	18.99	18.92	18.91		
1.4	64QAM	3	3	19.00	18.89	19.06		
1.4	64QAM	6	0	19.13	19.05	19.11	20.5	0
1.4	256QAM	1	0	17.83	17.87	17.78	19	1.5
1.4	256QAM	1	3	17.68	17.74	17.67		
1.4	256QAM	1	5	17.80	17.73	17.63		
1.4	256QAM	3	0	17.69	17.81	17.72		
1.4	256QAM	3	1	17.71	17.59	17.60		
1.4	256QAM	3	3	17.72	17.54	17.66		
1.4	256QAM	6	0	17.81	17.72	17.67	19	1.5

Band 4 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.15	16.19	16.09	17.3	0
20	QPSK	1	49	16.05	16.05	16.10		
20	QPSK	1	99	16.02	16.04	16.04		
20	QPSK	50	0	16.02	16.10	16.01		
20	QPSK	50	24	15.90	15.94	15.99	17.3	0
20	QPSK	50	50	15.89	15.96	15.88		
20	QPSK	100	0	15.91	16.09	16.00		
20	16QAM	1	0	15.99	16.02	16.01		
20	16QAM	1	49	15.80	16.04	15.98	17.3	0
20	16QAM	1	99	15.84	15.97	16.00		
20	16QAM	50	0	15.89	15.96	15.95		
20	16QAM	50	24	15.74	15.89	15.88	17.3	0
20	16QAM	50	50	15.76	15.88	15.78		
20	16QAM	100	0	15.92	16.02	15.96		
20	64QAM	1	0	15.97	15.98	15.94		
20	64QAM	1	49	15.90	16.04	15.99	17.3	0
20	64QAM	1	99	15.99	15.94	15.96		
20	64QAM	50	0	15.95	15.98	15.91		
20	64QAM	50	24	15.89	15.96	15.94	17.3	0
20	64QAM	50	50	15.71	15.90	15.87		
20	64QAM	100	0	15.82	16.02	15.98		
20	256QAM	1	0	15.94	16.08	15.95		
20	256QAM	1	49	15.88	15.96	15.91	17.3	0
20	256QAM	1	99	15.87	15.92	15.93		
20	256QAM	50	0	15.97	15.86	15.95		
20	256QAM	50	24	15.72	15.88	15.89	17.3	0
20	256QAM	50	50	15.74	15.81	15.76		
20	256QAM	100	0	15.90	15.96	15.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.07	16.07	16.04	17.3	0
15	QPSK	1	37	15.92	15.97	15.96		
15	QPSK	1	74	15.92	15.98	15.93		
15	QPSK	36	0	15.87	16.00	15.92	17.3	0
15	QPSK	36	20	15.78	15.85	15.89		
15	QPSK	36	39	15.80	15.84	15.76		
15	QPSK	75	0	15.81	15.99	15.94		
15	16QAM	1	0	15.92	15.94	15.92	17.3	0
15	16QAM	1	37	15.75	15.94	15.85		
15	16QAM	1	74	15.71	15.88	15.89		
15	16QAM	36	0	15.75	15.86	15.91	17.3	0
15	16QAM	36	20	15.60	15.77	15.84		
15	16QAM	36	39	15.63	15.74	15.66		
15	16QAM	75	0	15.80	15.95	15.93		
15	64QAM	1	0	15.93	15.84	15.88	17.3	0
15	64QAM	1	37	15.78	15.91	15.87		
15	64QAM	1	74	15.88	15.80	15.87		
15	64QAM	36	0	15.92	15.86	15.86	17.3	0
15	64QAM	36	20	15.60	15.81	15.87		
15	64QAM	36	39	15.65	15.82	15.74		
15	64QAM	75	0	15.71	15.96	15.93		
15	256QAM	1	0	15.86	16.04	15.88	17.3	0
15	256QAM	1	37	15.75	15.85	15.87		
15	256QAM	1	74	15.73	15.84	15.79		
15	256QAM	36	0	15.91	15.78	15.85	17.3	0
15	256QAM	36	20	15.61	15.83	15.78		
15	256QAM	36	39	15.66	15.73	15.67		
15	256QAM	75	0	15.81	15.91	15.73		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.12	16.07	15.95	17.3	0
10	QPSK	1	25	15.96	16.01	15.98		
10	QPSK	1	49	15.88	15.94	16.00		
10	QPSK	25	0	15.88	16.01	15.97	17.3	0
10	QPSK	25	12	15.83	15.89	15.84		
10	QPSK	25	25	15.85	15.83	15.82		
10	QPSK	50	0	15.78	15.96	15.89		
10	16QAM	1	0	15.86	15.95	15.94	17.3	0
10	16QAM	1	25	15.74	15.91	15.93		
10	16QAM	1	49	15.76	15.87	15.85		
10	16QAM	25	0	15.85	15.90	15.90	17.3	0
10	16QAM	25	12	15.70	15.75	15.74		
10	16QAM	25	25	15.64	15.79	15.68		
10	16QAM	50	0	15.84	15.97	15.82		
10	64QAM	1	0	15.98	15.90	15.89	17.3	0
10	64QAM	1	25	15.81	15.91	15.92		
10	64QAM	1	49	15.94	15.85	15.84		
10	64QAM	25	0	15.90	15.90	15.85	17.3	0
10	64QAM	25	12	15.66	15.74	15.87		
10	64QAM	25	25	15.62	15.84	15.83		
10	64QAM	50	0	15.75	15.87	15.85		
10	256QAM	1	0	15.88	16.01	15.86	17.3	0
10	256QAM	1	25	15.81	15.83	15.85		
10	256QAM	1	49	15.72	15.81	15.89		
10	256QAM	25	0	15.93	15.75	15.90	17.3	0
10	256QAM	25	12	15.67	15.83	15.85		
10	256QAM	25	25	15.63	15.72	15.68		
10	256QAM	50	0	15.75	15.82	15.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.06	16.14	16.05	17.3	0
5	QPSK	1	12	16.00	15.92	16.00		
5	QPSK	1	24	15.94	15.97	16.00		
5	QPSK	12	0	15.95	16.05	15.86	17.3	0
5	QPSK	12	7	15.85	15.84	15.93		
5	QPSK	12	13	15.76	15.88	15.77		
5	QPSK	25	0	15.83	15.97	15.93		
5	16QAM	1	0	15.87	15.89	15.94	17.3	0
5	16QAM	1	12	15.72	16.01	15.95		
5	16QAM	1	24	15.78	15.91	15.87		
5	16QAM	12	0	15.77	15.91	15.85	17.3	0
5	16QAM	12	7	15.60	15.84	15.84		
5	16QAM	12	13	15.72	15.76	15.67		
5	16QAM	25	0	15.87	15.92	15.83		
5	64QAM	1	0	15.95	15.86	15.89	17.3	0
5	64QAM	1	12	15.79	15.95	15.89		
5	64QAM	1	24	15.84	15.90	15.87		
5	64QAM	12	0	15.92	15.93	15.80	17.3	0
5	64QAM	12	7	15.54	15.73	15.88		
5	64QAM	12	13	15.66	15.86	15.76		
5	64QAM	25	0	15.88	16.01	15.94		
5	256QAM	1	0	15.89	16.04	15.85	17.3	0
5	256QAM	1	12	15.83	15.89	15.87		
5	256QAM	1	24	15.76	15.87	15.80		
5	256QAM	12	0	15.84	15.72	15.80	17.3	0
5	256QAM	12	7	15.63	15.75	15.84		
5	256QAM	12	13	15.66	15.69	15.64		
5	256QAM	25	0	15.87	15.84	15.77		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.07	16.08	16.05	17.3	0
3	QPSK	1	8	15.90	15.95	16.04		
3	QPSK	1	14	15.99	15.99	15.96		
3	QPSK	8	0	15.94	15.98	15.89	17.3	0
3	QPSK	8	4	15.81	15.87	15.87		
3	QPSK	8	7	15.75	15.91	15.82		
3	QPSK	15	0	15.88	16.05	15.89		
3	16QAM	1	0	15.85	15.95	15.96	17.3	0
3	16QAM	1	8	15.74	15.91	15.91		
3	16QAM	1	14	15.72	15.89	15.86		
3	16QAM	8	0	15.86	15.88	15.81	17.3	0
3	16QAM	8	4	15.68	15.75	15.75		
3	16QAM	8	7	15.72	15.81	15.73		
3	16QAM	15	0	15.87	15.90	15.89		
3	64QAM	1	0	16.03	15.94	15.82	17.3	0
3	64QAM	1	8	15.77	15.96	15.96		
3	64QAM	1	14	15.93	15.86	15.86		
3	64QAM	8	0	15.89	15.91	15.86	17.3	0
3	64QAM	8	4	15.59	15.73	15.80		
3	64QAM	8	7	15.76	15.92	15.76		
3	64QAM	15	0	15.78	15.90	15.94		
3	256QAM	1	0	15.83	15.97	15.82	17.3	0
3	256QAM	1	8	15.79	15.87	15.84		
3	256QAM	1	14	15.78	15.86	15.81		
3	256QAM	8	0	15.91	15.78	15.87	17.3	0
3	256QAM	8	4	15.83	15.84	15.83		
3	256QAM	8	7	15.68	15.68	15.65		
3	256QAM	15	0	15.82	15.86	15.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.02	16.05	16.00	17.3	0
1.4	QPSK	1	3	15.96	15.99	16.00		
1.4	QPSK	1	5	15.95	15.98	15.96		
1.4	QPSK	3	0	15.87	16.02	15.87		
1.4	QPSK	3	1	15.84	15.85	15.87		
1.4	QPSK	3	3	15.83	15.82	15.75		
1.4	QPSK	6	0	15.85	15.96	15.92	17.3	0
1.4	16QAM	1	0	15.96	15.93	15.96	17.3	0
1.4	16QAM	1	3	15.74	15.92	15.94		
1.4	16QAM	1	5	15.79	15.83	15.92		
1.4	16QAM	3	0	15.78	15.86	15.81		
1.4	16QAM	3	1	15.61	15.79	15.81		
1.4	16QAM	3	3	15.83	15.83	15.66		
1.4	16QAM	6	0	15.87	15.98	15.89	17.3	0
1.4	64QAM	1	0	15.96	15.86	15.90	17.3	0
1.4	64QAM	1	3	15.77	15.91	15.94		
1.4	64QAM	1	5	15.92	15.90	15.83		
1.4	64QAM	3	0	15.91	15.87	15.78		
1.4	64QAM	3	1	15.62	15.71	15.82		
1.4	64QAM	3	3	15.65	15.87	15.73		
1.4	64QAM	6	0	15.74	15.91	15.90	17.3	0
1.4	256QAM	1	0	15.82	15.95	15.83	17.3	0
1.4	256QAM	1	3	15.84	15.92	15.87		
1.4	256QAM	1	5	15.80	15.85	15.85		
1.4	256QAM	3	0	15.84	15.80	15.83		
1.4	256QAM	3	1	15.60	15.76	15.84		
1.4	256QAM	3	3	15.68	15.71	15.65		
1.4	256QAM	6	0	15.86	15.93	15.78	17.3	0

Band 66 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.18	16.23	16.20	17.3	0
20	QPSK	1	49	16.08	16.18	16.16		
20	QPSK	1	99	16.06	16.16	16.14		
20	QPSK	50	0	16.13	16.21	16.15		
20	QPSK	50	24	15.94	16.06	16.09	17.3	0
20	QPSK	50	50	15.95	16.04	16.01		
20	QPSK	100	0	16.06	16.17	16.13		
20	16QAM	1	0	16.04	16.10	16.13		
20	16QAM	1	49	15.93	16.09	16.06	17.3	0

Band 4 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.50	18.61	18.53		
20	QPSK	1	49	18.46	18.47	18.50	19.8	0
20	QPSK	1	99	18.44	18.58	18.43		
20	QPSK	50	0	18.32	18.54	18.45		
20	QPSK	50	24	18.26	18.36	18.37	19.8	0
20	QPSK	50	50	18.40	18.39	18.38		
20	QPSK	100	0	18.31	18.56	18.42		
20	16QAM	1	0	18.34	18.49	18.49		
20	16QAM	1	49	18.42	18.42	18.34	19.8	0
20	16QAM	1	99	18.29	18.43	18.40		
20	16QAM	50	0	18.22	18.40	18.27		
20	16QAM	50	24	18.15	18.23	18.16	19.8	0
20	16QAM	50	50	18.25	18.33	18.22		
20	16QAM	100	0	18.26	18.33	18.29		
20	64QAM	1	0	18.27	18.40	18.42		
20	64QAM	1	49	18.14	18.27	18.32	19.8	0
20	64QAM	1	99	18.45	18.43	18.22		
20	64QAM	50	0	18.27	18.36	18.29		
20	64QAM	50	24	18.29	18.47	18.34	19.8	0
20	64QAM	50	50	18.25	18.27	18.26		
20	64QAM	100	0	18.43	18.48	18.27		
20	256QAM	1	0	17.46	17.54	17.55		
20	256QAM	1	49	17.39	17.47	17.43	19	0.8
20	256QAM	1	99	17.34	17.41	17.44		
20	256QAM	50	0	17.50	17.49	17.42		
20	256QAM	50	24	17.24	17.42	17.22	19	0.8
20	256QAM	50	50	17.40	17.32	17.34		
20	256QAM	100	0	17.42	17.48	17.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.42	18.48	18.45		
15	QPSK	1	37	18.37	18.41	18.34	19.8	0
15	QPSK	1	74	18.34	18.43	18.31		
15	QPSK	36	0	18.17	18.42	18.37		
15	QPSK	36	20	18.10	18.20	18.29	19.8	0
15	QPSK	36	39	18.25	18.26	18.28		
15	QPSK	75	0	18.13	18.46	18.28		
15	16QAM	1	0	18.17	18.36	18.40		
15	16QAM	1	37	18.26	18.24	18.25	19.8	0
15	16QAM	1	74	18.20	18.34	18.23		
15	16QAM	36	0	18.13	18.33	18.17		
15	16QAM	36	20	18.07	18.05	18.00	19.8	0
15	16QAM	36	39	18.08	18.17	18.09		
15	16QAM	75	0	18.08	18.19	18.22		
15	64QAM	1	0	18.17	18.32	18.28		
15	64QAM	1	37	17.96	18.16	18.21	19.8	0
15	64QAM	1	74	18.37	18.29	18.15		
15	64QAM	36	0	18.11	18.19	18.20		
15	64QAM	36	20	18.16	18.38	18.25	19.8	0
15	64QAM	36	39	18.11	18.12	18.15		
15	64QAM	75	0	18.30	18.35	18.21		
15	256QAM	1	0	17.40	17.43	17.44		
15	256QAM	1	37	17.33	17.41	17.36	19	0.8
15	256QAM	1	74	17.21	17.31	17.29		
15	256QAM	36	0	17.34	17.44	17.32		
15	256QAM	36	20	17.19	17.37	17.13	19	0.8
15	256QAM	36	39	17.36	17.28	17.25		
15	256QAM	75	0	17.30	17.40	17.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.37	18.45	18.41		
10	QPSK	1	25	18.35	18.37	18.34	19.8	0
10	QPSK	1	49	18.30	18.49	18.30		
10	QPSK	25	0	18.21	18.38	18.35		
10	QPSK	25	12	18.09	18.30	18.26	19.8	0
10	QPSK	25	25	18.22	18.31	18.24		
10	QPSK	50	0	18.25	18.40	18.31		
10	16QAM	1	0	18.27	18.37	18.41		
10	16QAM	1	25	18.29	18.26	18.23	19.8	0
10	16QAM	1	49	18.13	18.32	18.26		
10	16QAM	25	0	18.11	18.33	18.18		
10	16QAM	25	12	17.99	18.15	17.99	19.8	0
10	16QAM	25	25	18.15	18.21	18.07		
10	16QAM	50	0	18.09	18.16	18.20		
10	64QAM	1	0	18.20	18.26	18.26		
10	64QAM	1	25	18.07	18.13	18.18	19.8	0
10	64QAM	1	49	18.31	18.26	18.05		
10	64QAM	25	0	18.19	18.21	18.15		
10	64QAM	25	12	18.15	18.30	18.21	19.8	0
10	64QAM	25	25	18.12	18.16	18.16		
10	64QAM	50	0	18.34	18.40	18.20		
10	256QAM	1	0	17.37	17.48	17.50		
10	256QAM	1	25	17.31	17.43	17.38	19	0.8
10	256QAM	1	49	17.28	17.27	17.38		
10	256QAM	25	0	17.46	17.33	17.32		
10	256QAM	25	12	17.14	17.35	17.17	19	0.8
10	256QAM	25	25	17.33	17.21	17.28		
10	256QAM	50	0	17.31	17.40	17.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.39	18.45	18.41		
5	QPSK	1	12	18.32	18.37	18.40	19.8	0
5	QPSK	1	24	18.27	18.46	18.35		
5	QPSK	12	0	18.18	18.45	18.29		
5	QPSK	12	7	18.17	18.27	18.20	19.8	0
5	QPSK	12	13	18.30	18.28	18.25		
5	QPSK	25	0	18.24	18.44	18.32		
5	16QAM	1	0	18.22	18.35	18.35		
5	16QAM	1	12	18.30	18.30	18.24	19.8	0
5	16QAM	1	24	18.11	18.27	18.27		
5	16QAM	12	0	18.13	18.30	18.20		
5	16QAM	12	7	17.99	18.15	18.07	19.8	0
5	16QAM	12	13	18.14	18.19	18.04		
5	16QAM	25	0	18.14	18.25	18.22		
5	64QAM	1	0	18.09	18.33	18.28		
5	64QAM	1	12	17.98	18.14	18.24	19.8	0
5	64QAM	1	24	18.30	18.28	18.08		
5	64QAM	12	0	18.19	18.21	18.14		
5	64QAM	12	7	18.17	18.39	18.23	19.8	0
5	64QAM	12	13	18.09	18.12	18.16		
5	64QAM	25	0	18.32	18.35	18.14		
5	256QAM	1	0	17.32	17.49	17.46		
5	256QAM	1	12	17.31	17.43	17.29	19	0.8
5	256QAM	1	24	17.19	17.29	17.34		
5	256QAM	12	0	17.37	17.36	17.33		
5	256QAM	12	7	17.08	17.29	17.09	19	0.8
5	256QAM	12	13	17.31	17.25	17.28		
5	256QAM	25	0	17.32	17.33	17.28		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.44	18.51	18.36		
3	QPSK	1	8	18.34	18.31	18.38	19.8	0
3	QPSK	1	14	18.36	18.41	18.26		
3	QPSK	8	0	18.25	18.47	18.35		
3	QPSK	8	4	18.09	18.19	18.25	19.8	0
3	QPSK	8	7	18.27	18.24	18.29		
3	QPSK	15	0	18.22	18.41	18.26		
3	16QAM	1	0	18.25	18.39	18.32		
3	16QAM	1	8	18.25	18.34	18.17	19.8	0
3	16QAM	1	14	18.17	18.37	18.27		
3	16QAM	8	0	18.09	18.31	18.11		
3	16QAM	8	4	18.08	18.08	18.02	19.8	0
3	16QAM	8	7	18.08	18.15	18.06		
3	16QAM	15	0	18.18	18.16	18.23		
3	64QAM	1	0	18.20	18.24	18.29		
3	64QAM	1	8	18.02	18.15	18.17	19.8	0
3	64QAM	1	14	18.37	18.26	18.11		
3	64QAM	8	0	18.16	18.23	18.21		
3	64QAM	8	4	18.20	18.38	18.17	19.8	0
3	64QAM	8	7	18.17	18.12	18.15		
3	64QAM	15	0	18.30	18.34	18.14		
3	256QAM	1	0	17.39	17.49	17.40		
3	256QAM	1	8	17.25	17.37	17.28	19	0.8
3	256QAM	1	14	17.23	17.21	17.39		
3	256QAM	8	0	17.44	17.43	17.31		
3	256QAM	8	4	17.16	17.37	17.08	19	0.8
3	256QAM	8	7	17.29	17.18	17.28		
3	256QAM	15	0	17.28	17.36	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.41	18.46	18.36		
1.4	QPSK	1	3	18.31	18.29	18.34		
1.4	QPSK	1	5	18.35	18.45	18.26	19.8	0
1.4	QPSK	3	0	18.15	18.42	18.29		
1.4	QPSK	3	1	18.16	18.30	18.24		
1.4	QPSK	3	3	18.32	18.21	18.23		
1.4	QPSK	6	0	18.18	18.40	18.35	19.8	0
1.4	16QAM	1	0	18.27	18.36	18.37		
1.4	16QAM	1	3	18.26	18.34	18.21		
1.4	16QAM	1	5	18.12	18.30	18.27	19.8	0
1.4	16QAM	3	0	18.09	18.31	18.10		
1.4	16QAM	3	1	18.00	18.06	18.02		
1.4	16QAM	3	3	18.14	18.15	18.05		
1.4	16QAM	6	0	18.14	18.24	18.13	19.8	0
1.4	64QAM	1	0	18.16	18.33	18.34		
1.4	64QAM	1	3	17.97	18.15	18.19		
1.4	64QAM	1	5	18.30	18.27	18.07	19.8	0
1.4	64QAM	3	0	18.10	18.24	18.16		
1.4	64QAM	3	1	18.20	18.41	18.23		
1.4	64QAM	3	3	18.09	18.13	18.18		
1.4	64QAM	6	0	18.28	18.36	18.16	19.8	0
1.4	256QAM	1	0	17.37	17.43	17.46		
1.4	256QAM	1	3	17.26	17.41	17.27		
1.4	256QAM	1	5	17.28	17.32	17.40	19	0.8
1.4	256QAM	3	0	17.35	17.36	17.27		
1.4	256QAM	3	1	17.18	17.37	17.16		
1.4	256QAM	3	3	17.34	17.26	17.20		
1.4	256QAM	6	0	17.35	17.40	17.26	19	0.8

Band 66 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.61	18.73	18.60		
20	QPSK	1	49	18.54	18.50	18.48	19.8	0
20	QPSK	1	99	18.53	18.62	18.58		
20	QPSK	50	0	18.45	18.62	18.53		
20	QPSK	50	24	18.46	18.48	18.37	19.8	0
20	QPSK	50	50	18.43	18.58	18.45		
20	QPSK	100	0	18.46	18.55	18.49		
20	16QAM	1	0	18.47	18.53	18.58		
20	16QAM	1	49	18.43	18.46	18.38	19.8	0
20	16QAM	1	99	18.45	18.44	18.42		
20	16QAM	50	0	18.33	18.56	18.38		
20	16QAM	50	24	18.28	18.34	18.31	19.8	0
20	16QAM	50	50	18.43	18.43	18.37		
20	16QAM	100	0	18.37	18.48	18.40		
20	64QAM	1	0	18.43	18.56	18.47		
20	64QAM	1	49	18.31	18.34	18.42	19.8	0
20	64QAM	1	99	18.43	18.54	18.36		
20	64QAM	50	0	18.40	18.39	18.35		
20	64QAM	50	24	18.50	18.51	18.50	19.8	0
20	64QAM	50	50	18.32	18.39	18.43		
20	64QAM	100	0	18.51	18.59	18.38		
20	256QAM	1	0	17.59	17.68	17.64		
20	256QAM	1	49	17.52	17.56	17.55	19	0.8
20	256QAM	1	99	17.45	17.53	17.53		
20	256QAM	50	0	17.54	17.56	17.50		
20	256QAM	50	24	17.36	17.50	17.34	19	0.8
20	256QAM	50	50	17.49	17.48	17.43		
20	256QAM	100	0	17.49	17.58	17.48		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.54	18.67	18.45		
15	QPSK	1	37	18.46	18.41	18.32	19.8	0
15	QPSK	1	74	18.47	18.52	18.43		
15	QPSK	36	0	18.31	18.49	18.40		
15	QPSK	36	20	18.30	18.36	18.28	19.8	0
15	QPSK	36	39	18.29	18.45	18.36		
15	QPSK	75	0	18.32	18.38	18.40		
15	16QAM	1	0	18.32	18.46	18.44		
15	16QAM	1	37	18.34	18.37	18.21	19.8	0
15	16QAM	1	74	18.38	18.27	18.27		
15	16QAM	36	0	18.21	18.42	18.24		
15	16QAM	36	20	18.17	18.18	18.14	19.8	0
15	16QAM	36	39	18.37	18.30	18.27		
15	16QAM	75	0	18.27	18.39	18.23		
15	64QAM	1	0	18.32	18.38	18.35		
15	64QAM	1	37	18.25	18.27	18.34	19.8	0
15	64QAM	1	74	18.30	18.47	18.23		
15	64QAM	36	0	18.31	18.23	18.22		
15	64QAM	36	20	18.37	18.40	18.40	19.8	0
15	64QAM	36	39	18.22	18.25	18.30		
15	64QAM	75	0	18.44	18.46	18.22		
15	256QAM	1	0	17.52	17.64	17.53		
15	256QAM	1	37	17.46	17.45	17.42	19	0.8
15	256QAM	1	74	17.32	17.38	17.38		
15	256QAM	36	0	17.39	17.44	17.42		
15	256QAM	36	20	17.24	17.35	17.25	19	0.8
15	256QAM	36	39	17.44	17.43	17.30		
15	256QAM	75	0	17.45	17.45	17.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.53	18.63	18.48		
10	QPSK	1	25	18.39	18.40	18.39	19.8	0
10	QPSK	1	49	18.45	18.50	18.45		
10	QPSK	25	0	18.28	18.54	18.42		
10	QPSK	25	12	18.34	18.38	18.25	19.8	0
10	QPSK	25	25	18.31	18.49	18.35		
10	QPSK	50	0	18.28	18.46	18.34		
10	16QAM	1	0	18.30	18.44	18.45		
10	16QAM	1	25	18.26	18.29	18.24	19.8	0
10	16QAM	1	49	18.38	18.28	18.29		
10	16QAM	25	0	18.24	18.48	18.31		
10	16QAM	25	12	18.19	18.27	18.18	19.8	0
10	16QAM	25	25	18.29	18.32	18.22		
10	16QAM	50	0	18.31	18.42	18.27		
10	64QAM	1	0	18.30	18.38	18.41		
10	64QAM	1	25	18.25	18.20	18.34	19.8	0
10	64QAM	1	49	18.31	18.44	18.28		
10	64QAM	25	0	18.27	18.24	18.26		
10	64QAM	25	12	18.38	18.42	18.43	19.8	0
10	64QAM	25	25	18.16	18.31	18.26		
10	64QAM	50	0	18.35	18.45	18.28		
10	256QAM	1	0	17.46	17.63	17.48		
10	256QAM	1	25	17.37	17.41	17.48	19	0.8
10	256QAM	1	49	17.35	17.38	17.38		
10	256QAM	25	0	17.41	17.41	17.39		
10	256QAM	25	12	17.24	17.36	17.21	19	0.8
10	256QAM	25	25	17.40	17.39	17.29		
10	256QAM	50	0	17.36	17.54	17.36		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.50	18.62	18.52		
5	QPSK	1	12	18.36	18.37	18.37	19.8	0
5	QPSK	1	24	18.47	18.53	18.50		
5	QPSK	12	0	18.38	18.56	18.44		
5	QPSK	12	7	18.28	18.40	18.27	19.8	0
5	QPSK	12	13	18.36	18.41	18.39		
5	QPSK	25	0	18.31	18.47	18.39		
5	16QAM	1	0	18.36	18.46	18.44		
5	16QAM	1	12	18.28	18.29	18.30	19.8	0
5	16QAM	1	24	18.28	18.38	18.36		
5	16QAM	12	0	18.18	18.43	18.26		
5	16QAM	12	7	18.18	18.22	18.18	19.8	0
5	16QAM	12	13	18.37	18.30	18.27		
5	16QAM	25	0	18.29	18.31	18.28		
5	64QAM	1	0	18.35	18.48	18.39		
5	64QAM	1	12	18.22	18.17	18.27	19.8	0
5	64QAM	1	24	18.32	18.40	18.19		
5	64QAM	12	0	18.28	18.23	18.22		
5	64QAM	12	7	18.35	18.43	18.43	19.8	0
5	64QAM	12	13	18.21	18.30	18.27		
5	64QAM	25	0	18.36	18.48	18.21		
5	256QAM	1	0	17.50	17.55	17.51		
5	256QAM	1	12	17.36	17.44	17.47	19	0.8
5	256QAM	1	24	17.41	17.43	17.49		
5	256QAM	12	0	17.47	17.47	17.37		
5	256QAM	12	7	17.31	17.37	17.21	19	0.8
5	256QAM	12	13	17.37	17.42	17.36		
5	256QAM	25	0	17.44	17.49	17.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.47	18.55	18.50		
3	QPSK	1	8	18.44	18.33	18.35	19.8	0
3	QPSK	1	14	18.43	18.48	18.47		
3	QPSK	8	0	18.38	18.54	18.45		
3	QPSK	8	4	18.32	18.41	18.30	19.8	0
3	QPSK	8	7	18.34	18.41	18.34		
3	QPSK	15	0	18.34	18.39	18.31		
3	16QAM	1	0	18.33	18.39	18.44		
3	16QAM	1	8	18.36	18.35	18.31	19.8	0
3	16QAM	1	14	18.31	18.37	18.29		
3	16QAM	8	0	18.22	18.38	18.31		
3	16QAM	8	4	18.14	18.27	18.22	19.8	0
3	16QAM	8	7	18.36	18.29	18.24		
3	16QAM	15	0	18.29	18.33	18.31		
3	64QAM	1	0	18.26	18.43	18.36		
3	64QAM	1	8	18.18	18.27	18.29	19.8	0
3	64QAM	1	14	18.35	18.38	18.20		
3	64QAM	8	0	18.29	18.24	18.18		
3	64QAM	8	4	18.43	18.40	18.36	19.8	0
3	64QAM	8	7	18.19	18.31	18.35		
3	64QAM	15	0	18.44	18.51	18.31		
3	256QAM	1	0	17.45	17.62	17.48		
3	256QAM	1	8	17.46	17.50	17.47	19	0.8
3	256QAM	1	14	17.35	17.41	17.40		
3	256QAM	8	0	17.47	17.50	17.37		
3	256QAM	8	4	17.27	17.36	17.29	19	0.8
3	256QAM	8	7	17.33	17.36	17.32		
3	256QAM	15	0	17.37	17.45	17.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.48	18.62	18.45		
1.4	QPSK	1	3	18.38	18.32	18.30		
1.4	QPSK	1	5	18.38	18.55	18.48	19.8	0
1.4	QPSK	3	0	18.32	18.46	18.42		
1.4	QPSK	3	1	18.38	18.30	18.19		
1.4	QPSK	3	3	18.34	18.45	18.35		
1.4	QPSK	6	0	18.35	18.46	18.32	19.8	0
1.4	16QAM	1	0	18.31	18.40	18.50		
1.4	16QAM	1	3	18.35	18.35	18.28		
1.4	16QAM	1	5	18.35	18.37	18.24	19.8	0
1.4	16QAM	3	0	18.21	18.41	18.26		
1.4	16QAM	3	1	18.14	18.27	18.14		
1.4	16QAM	3	3	18.30	18.30	18.21		
1.4	16QAM	6	0	18.24	18.35	18.27	19.8	0
1.4	64QAM	1	0	18.28	18.42	18.37		
1.4	64QAM	1	3	18.23	18.23	18.27		
1.4	64QAM	1	5	18.30	18.43	18.21	19.8	0
1.4	64QAM	3	0	18.30	18.31	18.20		
1.4	64QAM	3	1	18.43	18.33	18.37		
1.4	64QAM	3	3	18.22	18.32	18.29		
1.4	64QAM	6	0	18.33	18.49	18.26	19.8	0
1.4	256QAM	1	0	17.46	17.54	17.59		
1.4	256QAM	1	3	17.41	17.43	17.51		
1.4	256QAM	1	5	17.29	17.47	17.40	19	0.8
1.4	256QAM	3	0	17.40	17.49	17.42		
1.4	256QAM	3	1	17.27	17.36	17.20		
1.4	256QAM	3	3	17.41	17.40	17.28		
1.4	256QAM	6	0	17.44	17.46	17.39	19	0.8

Band 2 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1900	1920		
20	QPSK	1	0	19.95	20.00	19.94		
20	QPSK	1	49	19.82	19.89	19.87	21.1	0
20	QPSK	1	99	19.85	19.91	19.89		
20	QPSK	50	0	19.84	19.96	19.80		
20	QPSK	50	24	19.67	19.77	19.72	21.1	0
20	QPSK	50	50	19.75	19.79	19.84		
20	QPSK	100	0	19.81	19.93	19.80		
20	16QAM	1	0	19.92	19.90	19.90		
20	16QAM	1	49	19.67	19.74	19.82	21.1	0
20	16QAM	1	99	19.75	19.84	19.79		
20	16QAM	50	0	19.75	19.83	19.79		
20	16QAM	50	24	19.59	19.65	19.70	21.1	0
20	16QAM	50	50	19.67	19.77	19.67		
20	16QAM	100	0	19.62	19.81	19.64		
20	64QAM	1	0	19.53	19.62	19.48		
20	64QAM	1	49	19.59	19.64	19.71	21.1	0
20	64QAM	1	99	19.67	19.70	19.60		
20	64QAM	50	0	19.55	19.60	19.50		
20	64QAM	50	24	19.39	19.48	19.48	21	0.1
20	64QAM	50	50	19.46	19.46	19.44		
20	64QAM	100	0	19.50	19.59	19.43		
20	256QAM	1	0	17.81	17.84	17.90		
20	256QAM	1	49	17.68	17.79	17.82	19	2.1
20	256QAM	1	99	17.69	17.83	17.82		
20	256QAM	50	0	17.75	17.90	17.70		
20	256QAM	50	24	17.57	17.67	17.83	19	2.1
20	256QAM	50	50	17.64	17.75	17.79		
20	256QAM	100	0	17.65	17.79	17.67		
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.80	19.92	19.88		
15	QPSK	1	37	19.67	19.84	19.73	21.1	0
15	QPSK	1	74	19.79	19.82	19.84		
15	QPSK	36	0	19.75	19.92	19.70		
15	QPSK	36	20	19.57	19.72	19.59	21.1	0
15	QPSK	36	39	19.67	19.68	19.80		
15	QPSK	75	0	19.70	19.80	19.73		
15	16QAM	1	0	19.85	19.81	19.84		
15	16QAM	1	37	19.55	19.60	19.79	21.1	0
15	16QAM	1	74	19.68	19.75	19.67		
15	16QAM	36	0	19.72	19.79	19.74		
15	16QAM	36	20	19.50	19.50	19.57	21.1	0
15	16QAM	36	39	19.61	19.71	19.64		
15	16QAM	75	0	19.52	19.74	19.56		
15	64QAM	1	0	19.50	19.58	19.36		
15	64QAM	1	37	19.46	19.53	19.59	21.1	0
15	64QAM	1	74	19.53	19.57	19.53		
15	64QAM	36	0	19.52	19.54	19.38		
15	64QAM	36	20	19.24	19.38	19.41	21	0.1
15	64QAM	36	39	19.39	19.40	19.38		
15	64QAM	75	0	19.38	19.46	19.30		
15	256QAM	1	0	17.71	17.74	17.80		
15	256QAM	1	37	17.61	17.69	17.79	19	2.1
15	256QAM	1	74	17.64	17.77	17.76		
15	256QAM	36	0	17.68	17.82	17.67		
15	256QAM	36	20	17.53	17.53	17.50	19	2.1
15	256QAM	36	39	17.57	17.67	17.69		
15	256QAM	75	0	17.58	17.70	17.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.88	19.87	19.85		
10	QPSK	1	25	19.73	19.77	19.81	21.1	0
10	QPSK	1	49	19.75	19.76	19.84		
10	QPSK	25	0	19.81	19.82	19.71		
10	QPSK	25	12	19.61	19.68	19.66	21.1	0
10	QPSK	25	25	19.62	19.70	19.74		
10	QPSK	50	0	19.71	19.83	19.71		
10	16QAM	1	0	19.79	19.76	19.85		
10	16QAM	1	25	19.53	19.65	19.74	21.1	0
10	16QAM	1	49	19.60	19.79	19.74		
10	16QAM	25	0	19.68	19.72	19.68		
10	16QAM	25	12	19.53	19.62	19.56	21.1	0
10	16QAM	25	25	19.54	19.72	19.59		
10	16QAM	50	0	19.52	19.72	19.51		
10	64QAM	1	0	19.45	19.59	19.39		
10	64QAM	1	25	19.49	19.56	19.65	21.1	0
10	64QAM	1	49	19.59	19.64	19.55		
10	64QAM	25	0	19.44	19.46	19.38		
10	64QAM	25	12	19.34	19.38	19.37	21	0.1
10	64QAM	25	25	19.41	19.38	19.37		
10	64QAM	50	0	19.44	19.48	19.29		
10	256QAM	1	0	17.71	17.73	17.81		
10	256QAM	1	25	17.62	17.67	17.74	19	2.1
10	256QAM	1	49	17.56	17.71	17.77		
10	256QAM	25	0	17.65	17.84	17.67		
10	256QAM	25	12	17.46	17.56	17.51	19	2.1
10	256QAM	25	25	17.59	17.65	17.66		
10	256QAM	50	0	17.58	17.66	17.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.85	19.93	19.81		
5	QPSK	1	12	19.67	19.76	19.79	21.1	0
5	QPSK	1	24	19.81	19.81	19.86		
5	QPSK	12	0	19.80	19.88	19.70		
5	QPSK	12	7	19.58	19.69	19.65	21.1	0
5	QPSK	12	13	19.65	19.73	19.69		
5	QPSK	25	0	19.73	19.88	19.72		
5	16QAM	1	0	19.78	19.81	19.85		
5	16QAM	1	12	19.53	19.71	19.68	21.1	0
5	16QAM	1	24	19.70	19.76	19.72		
5	16QAM	12	0	19.63	19.71	19.72		
5	16QAM	12	7	19.54	19.57	19.58	21.1	0
5	16QAM	12	13	19.53	19.63	19.59		
5	16QAM	25	0	19.55	19.69	19.50		
5	64QAM	1	0	19.39	19.50	19.41		
5	64QAM	1	12	19.46	19.60	19.66	21.1	0
5	64QAM	1	24	19.60	19.58	19.49		
5	64QAM	12	0	19.50	19.57	19.43		
5	64QAM	12	7	19.24	19.41	19.45	21	0.1
5	64QAM	12	13	19.42	19.43	19.31		
5	64QAM	25	0	19.43	19.52	19.36		
5	256QAM	1	0	17.74	17.74	17.79		
5	256QAM	1	12	17.55	17.67	17.78	19	2.1
5	256QAM	1	24	17.60	17.76	17.75		
5	256QAM	12	0	17.71	17.82	17.66		
5	256QAM	12	7	17.45	17.58	17.58	19	2.1
5	256QAM	12	13	17.60	17.65	17.67		
5	256QAM	25	0	17.62	17.65	17.54		
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.84	19.94	19.85		
3	QPSK	1	8	19.77	19.83	19.77	21.1	0
3	QPSK	1	14	19.73	19.82	19.81		
3	QPSK	8	0	19.71	19.92	19.67		
3	QPSK	8	4	19.61	19.73	19.58	21.1	0
3	QPSK	8	7	19.61	19.67	19.71		
3	QPSK	15	0	19.71	19.89	19.68		
3	16QAM	1	0	19.86	19.80	19.79		
3	16QAM	1	8	19.55	19.64	19.71	21.1	0
3	16QAM	1	14	19.65	19.74	19.74		
3	16QAM	8	0	19.62	19.75	19.70		
3	16QAM	8	4	19.45	19.54	19.66	21.1	0
3	16QAM	8	7	19.61	19.71	19.52		
3	16QAM	15	0	19.58	19.69	19.55		
3	64QAM	1	0	19.46	19.50	19.36		
3	64QAM	1	8	19.55	19.55	19.66	21.1	0
3	64QAM	1	14	19.53	19.55	19.57		
3	64QAM	8	0	19.51	19.51	19.41		
3	64QAM	8	4	19.27	19.43	19.35	21	0.1
3	64QAM	8	7	19.40	19.36	19.33		
3	64QAM	15	0	19.45	19.50	19.38		
3	256QAM	1	0	17.70	17.81	17.79		
3	256QAM	1	8	17.62	17.65	17.77	19	2.1
3	256QAM	1	14	17.56	17.78	17.73		
3	256QAM	8	0	17.63	17.79	17.62		
3	256QAM	8	4	17.44	17.58	17.66	19	2.1
3	256QAM	8	7	17.59	17.70	17.64		
3	256QAM	15	0	17.52	17.75	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.87	19.81		
1.4	QPSK	1	3	19.74	19.82	19.77		
1.4	QPSK	1	5	19.78	19.85	19.83	21.1	0
1.4	QPSK	3	0	19.76	19.92	19.66		
1.4	QPSK	3	1	19.56	19.69	19.61		
1.4	QPSK	3	3	19.71	19.69	19.73		
1.4	QPSK	6	0	19.68	19.81	19.68	21.1	0
1.4	16QAM	1	0	19.89	19.86	19.86		
1.4	16QAM	1	3	19.60	19.71	19.79		
1.4	16QAM	1	5	19.64	19.74	19.71	21.1	0
1.4	16QAM	3	0	19.61	19.75	19.70		
1.4	16QAM	3	1	19.48	19.61	19.56		
1.4	16QAM	3	3	19.54	19.64	19.62		
1.4	16QAM	6	0	19.47	19.72	19.52	21.1	0
1.4	64QAM	1	0	19.41	19.58	19.45		
1.4	64QAM	1	3	19.54	19.60	19.64		
1.4	64QAM	1	5	19.54	19.58	19.47	21.1	0
1.4	64QAM	3	0	19.37	19.48	19.38		
1.4	64QAM	3	1	19.50	19.49	19.51		
1.4	64QAM	3	3	19.49	19.49	19.37		
1.4	64QAM	6	0	19.39	19.49	19.37	21	0.1
1.4	256QAM	1	0	17.77	17.80	17.81		
1.4	256QAM	1	3	17.65	17.74	17.75		
1.4	256QAM	1	5	17.54	17.74	17.73	19	2.1
1.4	256QAM	3	0	17.68	17.86	17.57		
1.4	256QAM	3	1	17.46	17.54	17.55		
1.4	256QAM	3	3	17.54	17.68	17.72		
1.4	256QAM	6	0	17.52	17.74	17.62	19	2.1

Reduced Power Mode for Other PA DSI6

Band 4 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.83	18.92	18.88		
20	QPSK	1	49	18.72	18.84	18.71	20.1	0
20	QPSK	1	99	18.74	18.81	18.78		
20	QPSK	50	0	18.76	18.76	18.72		
20	QPSK	50	24	18.69	18.72	18.66	20.1	0
20	QPSK	50	50	18.66	18.69	18.69		
20	QPSK	100	0	18.80	18.80	18.74		
20	16QAM	1	0	18.79	18.84	18.84		
20	16QAM	1	49	18.58	18.81	18.63	20.1	0
20	16QAM	1	99	18.66	18.69	18.71		
20	16QAM	50	0	18.61	18.70	18.58		
20	16QAM	50	24	18.60	18.60	18.57	20.1	0
20	16QAM	50	50	18.60	18.61	18.56		
20	16QAM	100	0	18.68	18.74	18.69		
20	64QAM	1	0	18.78	18.79	18.77		
20	64QAM	1	49	18.65	18.73	18.78	20.1	0
20	64QAM	1	99	18.76	18.62	18.68		
20	64QAM	50	0	18.71	18.75	18.66		
20	64QAM	50	24	18.62	18.69	18.58	20.1	0
20	64QAM	50	50	18.54	18.59	18.56		
20	64QAM	100	0	18.59	18.65	18.69		
20	256QAM	1	0	17.70	17.86	17.77		
20	256QAM	1	49	17.68	17.78	17.67	19	1.1
20	256QAM	1	99	17.63	17.67	17.78		
20	256QAM	50	0	17.71	17.65	17.56		
20	256QAM	50	24	17.59	17.70	17.54	19	1.1
20	256QAM	50	50	17.68	17.50	17.55		
20	256QAM	100	0	17.67	17.77	17.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.69	18.79	18.78		
15	QPSK	1	37	18.59	18.70	18.65	20.1	0
15	QPSK	1	74	18.66	18.70	18.73		
15	QPSK	36	0	18.63	18.70	18.66		
15	QPSK	36	20	18.61	18.62	18.55	20.1	0
15	QPSK	36	39	18.61	18.56	18.59		
15	QPSK	75	0	18.76	18.76	18.67		
15	16QAM	1	0	18.73	18.72	18.70		
15	16QAM	1	37	18.54	18.74	18.54	20.1	0
15	16QAM	1	74	18.53	18.64	18.67		
15	16QAM	36	0	18.49	18.56	18.49		
15	16QAM	36	20	18.51	18.53	18.53	20.1	0
15	16QAM	36	39	18.50	18.54	18.43		
15	16QAM	75	0	18.60	18.60	18.64		
15	64QAM	1	0	18.65	18.73	18.71		
15	64QAM	1	37	18.58	18.62	18.71	20.1	0
15	64QAM	1	74	18.70	18.54	18.58		
15	64QAM	36	0	18.68	18.65	18.55		
15	64QAM	36	20	18.52	18.56	18.52	20.1	0
15	64QAM	36	39	18.49	18.45	18.50		
15	64QAM	75	0	18.49	18.53	18.58		
15	256QAM	1	0	17.58	17.81	17.70		
15	256QAM	1	37	17.57	17.70	17.57	19	1.1
15	256QAM	1	74	17.69	17.63	17.75		
15	256QAM	36	0	17.67	17.55	17.52		
15	256QAM	36	20	17.47	17.64	17.41	19	1.1
15	256QAM	36	39	17.61	17.40	17.52		
15	256QAM	75	0	17.53	17.70	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.75	18.85	18.79		
10	QPSK	1	25	18.61	18.69	18.56	20.1	0
10	QPSK	1	49	18.65	18.76	18.70		
10	QPSK	25	0	18.66	18.70	18.68		
10	QPSK	25	12	18.54	18.62	18.63	20.1	0
10	QPSK	25	25	18.52	18.66	18.55		
10	QPSK	50	0	18.73	18.73	18.62		
10	16QAM	1	0	18.69	18.77	18.73		
10	16QAM	1	25	18.52	18.75	18.59	20.1	0
10	16QAM	1	49	18.57	18.58	18.56		
10	16QAM	25	0	18.58	18.58	18.44		
10	16QAM	25	12	18.54	18.47	18.45	20.1	0
10	16QAM	25	25	18.47	18.48	18.44		
10	16QAM	50	0	18.55	18.64	18.58		
10	64QAM	1	0	18.74	18.67	18.70		
10	64QAM	1	25	18.56	18.67	18.63	20.1	0
10	64QAM	1	49	18.65	18.56	18.61		
10	64QAM	25	0	18.62	18.61	18.53		
10	64QAM	25	12	18.50	18.59	18.53	20.1	0
10	64QAM	25	25	18.46	18.49	18.44		
10	64QAM	50	0	18.53	18.61	18.63		
10	256QAM	1	0	17.63	17.76	17.73		
10	256QAM	1	25	17.58	17.75	17.63	19	1.1
10	256QAM	1	49	17.50	17.61	17.65		
10	256QAM	25	0	17.64	17.59	17.52		
10	256QAM	25	12	17.55	17.63	17.41	19	1.1
10	256QAM	25	25	17.57	17.36	17.49		
10	256QAM	50	0	17.54	17.64	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.76	18.79	18.76		
5	QPSK	1	12	18.59	18.69	18.64	20.1	0
5	QPSK	1	24	18.71	18.68	18.67		
5	QPSK	12	0	18.70	18.63	18.67		
5	QPSK	12	7	18.57	18.68	18.60	20.1	0
5	QPSK	12	13	18.59	18.63	18.63		
5	QPSK	25	0	18.75	18.67	18.62		
5	16QAM	1	0	18.71	18.77	18.72		
5	16QAM	1	12	18.46	18.71	18.50	20.1	0
5	16QAM	1	24	18.56	18.68	18.66		
5	16QAM	12	0	18.57	18.58	18.48		
5	16QAM	12	7	18.48	18.53	18.42	20.1	0
5	16QAM	12	13	18.51	18.53	18.53		
5	16QAM	25	0	18.62	18.61	18.56		
5	64QAM	1	0	18.74	18.73	18.70		
5	64QAM	1	12	18.53	18.70	18.71	20.1	0
5	64QAM	1	24	18.72	18.48	18.58		
5	64QAM	12	0	18.52	18.58	18.52		
5	64QAM	12	7	18.59	18.58	18.44	20.1	0
5	64QAM	12	13	18.48	18.47	18.52		
5	64QAM	25	0	18.52	18.60	18.66		
5	256QAM	1	0	17.57	17.75	17.64		
5	256QAM	1	12	17.62	17.70	17.59	19	1.1
5	256QAM	1	24	17.54	17.56	17.73		
5	256QAM	12	0	17.57	17.53	17.49		
5	256QAM	12	7	17.45	17.56	17.45	19	1.1
5	256QAM	12	13	17.62	17.43	17.44		
5	256QAM	25	0	17.61	17.73	17.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.74	18.80	18.83		
3	QPSK	1	8	18.68	18.70	18.58	20.1	0
3	QPSK	1	14	18.59	18.69	18.69		
3	QPSK	8	0	18.66	18.66	18.60		
3	QPSK	8	4	18.61	18.60	18.60	20.1	0
3	QPSK	8	7	18.61	18.57	18.58		
3	QPSK	15	0	18.75	18.75	18.70		
3	16QAM	1	0	18.71	18.75	18.79		
3	16QAM	1	8	18.52	18.68	18.54	20.1	0
3	16QAM	1	14	18.60	18.59	18.61		
3	16QAM	8	0	18.52	18.56	18.52		
3	16QAM	8	4	18.52	18.50	18.47	20.1	0
3	16QAM	8	7	18.54	18.48	18.43		
3	16QAM	15	0	18.63	18.60	18.55		
3	64QAM	1	0	18.74	18.69	18.69		
3	64QAM	1	8	18.58	18.68	18.67	20.1	0
3	64QAM	1	14	18.57	18.55	18.57		
3	64QAM	8	0	18.63	18.68	18.56		
3	64QAM	8	4	18.50	18.62	18.51	20.1	0
3	64QAM	8	7	18.41	18.47	18.52		
3	64QAM	15	0	18.55	18.61	18.63		
3	256QAM	1	0	17.59	17.71	17.69		
3	256QAM	1	8	17.65	17.64	17.64	19	1.1
3	256QAM	1	14	17.49	17.52	17.68		
3	256QAM	8	0	17.57	17.53	17.46		
3	256QAM	8	4	17.52	17.60	17.50	19	1.1
3	256QAM	8	7	17.58	17.36	17.48		
3	256QAM	15	0	17.60	17.64	17.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.70	18.83	18.76		
1.4	QPSK	1	3	18.58	18.80	18.56		
1.4	QPSK	1	5	18.62	18.69	18.63	20.1	0
1.4	QPSK	3	0	18.64	18.65	18.60		
1.4	QPSK	3	1	18.59	18.65	18.56		
1.4	QPSK	3	3	18.55	18.61	18.57		
1.4	QPSK	6	0	18.67	18.68	18.60	20.1	0
1.4	16QAM	1	0	18.71	18.74	18.76		
1.4	16QAM	1	3	18.44	18.67	18.54		
1.4	16QAM	1	5	18.57	18.62	18.59	20.1	0
1.4	16QAM	3	0	18.56	18.56	18.47		
1.4	16QAM	3	1	18.55	18.52	18.52		
1.4	16QAM	3	3	18.52	18.53	18.47		
1.4	16QAM	6	0	18.64	18.69	18.64	20.1	0
1.4	64QAM	1	0	18.68	18.74	18.69		
1.4	64QAM	1	3	18.55	18.63	18.73		
1.4	64QAM	1	5	18.68	18.58	18.64	20.1	0
1.4	64QAM	3	0	18.57	18.71	18.54		
1.4	64QAM	3	1	18.55	18.59	18.48		
1.4	64QAM	3	3	18.49	18.50	18.50		
1.4	64QAM	6	0	18.45	18.59	18.63	20.1	0
1.4	256QAM	1	0	17.61	17.80	17.66		
1.4	256QAM	1	3	17.62	17.73	17.54		
1.4	256QAM	1	5	17.49	17.55	17.70	18	2.1
1.4	256QAM	3	0	17.61	17.57	17.51		
1.4	256QAM	3	1	17.47	17.65	17.41		
1.4	256QAM	3	3	17.60	17.36	17.40		
1.4	256QAM	6	0	17.58	17.64	17.46	18	2.1

Band 66 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.92	19.00	18.96		
20	QPSK	1	49	18.86	18.96	18.86	20.1	0
20	QPSK	1	99	18.85	18.85	18.87		
20	QPSK	50	0	18.81	18.91	18.84		
20	QPSK	50	24	18.79	18.85	18.78	20.1	0
20	QPSK	50	50	18.78	18.77	18.73		
20	QPSK	100	0	18.87	18.89	18.81		
20	16QAM	1	0	18.84	18.85	18.85		
20	16QAM	1	49	18.77	18.88	18.82

Band 4 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.08	19.18	19.12		
20	QPSK	1	49	18.95	19.11	19.02	20.3	0
20	QPSK	1	99	18.86	19.00	18.93		
20	QPSK	50	0	19.04	19.15	18.98		
20	QPSK	50	24	18.86	19.00	18.86	20.3	0
20	QPSK	50	50	18.72	18.98	18.87		
20	QPSK	100	0	18.94	19.00	19.02		
20	16QAM	1	0	19.06	19.03	19.14		
20	16QAM	1	49	18.81	19.01	18.97	20.3	0
20	16QAM	1	99	18.79	18.95	18.83		
20	16QAM	50	0	18.92	19.01	18.90		
20	16QAM	50	24	18.77	18.93	18.79	20.3	0
20	16QAM	50	50	18.76	18.78	18.70		
20	16QAM	100	0	18.79	18.91	18.91		
20	64QAM	1	0	19.09	19.00	18.95		
20	64QAM	1	49	18.87	18.97	18.90	20.3	0
20	64QAM	1	99	18.84	18.95	18.86		
20	64QAM	50	0	18.77	18.81	18.90		
20	64QAM	50	24	19.08	19.02	18.99	20.3	0
20	64QAM	50	50	18.78	18.93	18.96		
20	64QAM	100	0	18.91	18.89	18.88		
20	256QAM	1	0	17.65	17.71	17.57	19	1.3
20	256QAM	1	49	17.46	17.52	17.38		
20	256QAM	1	99	17.36	17.53	17.58		
20	256QAM	50	0	17.68	17.61	17.70	19	1.3
20	256QAM	50	24	17.47	17.47	17.43		
20	256QAM	50	50	17.44	17.58	17.48		
20	256QAM	100	0	17.63	17.57	17.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.91	19.02	18.95		
15	QPSK	1	37	18.81	18.95	18.91	20.3	0
15	QPSK	1	74	18.72	18.87	18.86		
15	QPSK	36	0	18.91	19.08	18.82		
15	QPSK	36	20	18.71	18.90	18.76	20.3	0
15	QPSK	36	39	18.63	18.82	18.77		
15	QPSK	75	0	18.81	18.90	18.91		
15	16QAM	1	0	18.94	18.93	19.05		
15	16QAM	1	37	18.70	18.86	18.86	20.3	0
15	16QAM	1	74	18.70	18.79	18.77		
15	16QAM	36	0	18.84	18.91	18.84		
15	16QAM	36	20	18.67	18.85	18.72	20.3	0
15	16QAM	36	39	18.64	18.68	18.59		
15	16QAM	75	0	18.65	18.80	18.78		
15	64QAM	1	0	18.96	18.89	18.78		
15	64QAM	1	37	18.73	18.79	18.81	20.3	0
15	64QAM	1	74	18.75	18.81	18.68		
15	64QAM	36	0	18.68	18.69	18.76		
15	64QAM	36	20	18.94	18.89	18.87	20.3	0
15	64QAM	36	39	18.69	18.79	18.85		
15	64QAM	75	0	18.81	18.80	18.77		
15	256QAM	1	0	17.52	17.60	17.44		
15	256QAM	1	37	17.40	17.38	17.24	19	1.3
15	256QAM	1	74	17.32	17.45	17.45		
15	256QAM	36	0	17.63	17.49	17.61		
15	256QAM	36	20	17.42	17.42	17.31	19	1.3
15	256QAM	36	39	17.38	17.53	17.44		
15	256QAM	75	0	17.59	17.53	17.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.98	19.06	18.96		
10	QPSK	1	25	18.82	18.97	18.91	20.3	0
10	QPSK	1	49	18.75	18.87	18.82		
10	QPSK	25	0	18.92	19.01	18.90		
10	QPSK	25	12	18.72	18.86	18.75	20.3	0
10	QPSK	25	25	18.55	18.90	18.77		
10	QPSK	50	0	18.77	18.89	18.92		
10	16QAM	1	0	18.89	18.93	19.04		
10	16QAM	1	25	18.73	18.84	18.89	20.3	0
10	16QAM	1	49	18.62	18.85	18.71		
10	16QAM	25	0	18.85	18.86	18.73		
10	16QAM	25	12	18.71	18.81	18.67	20.3	0
10	16QAM	25	25	18.69	18.70	18.57		
10	16QAM	50	0	18.69	18.83	18.80		
10	64QAM	1	0	18.96	18.84	18.83		
10	64QAM	1	25	18.77	18.83	18.83	20.3	0
10	64QAM	1	49	18.68	18.87	18.77		
10	64QAM	25	0	18.62	18.63	18.79		
10	64QAM	25	12	18.96	18.84	18.83	20.3	0
10	64QAM	25	25	18.63	18.84	18.83		
10	64QAM	50	0	18.77	18.77	18.74		
10	256QAM	1	0	17.53	17.58	17.51		
10	256QAM	1	25	17.38	17.38	17.26	19	1.3
10	256QAM	1	49	17.32	17.46	17.47		
10	256QAM	25	0	17.58	17.54	17.64		
10	256QAM	25	12	17.39	17.41	17.39	19	1.3
10	256QAM	25	25	17.31	17.49	17.41		
10	256QAM	50	0	17.53	17.43	17.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.01	19.05	19.00		
5	QPSK	1	12	18.83	18.94	18.85	20.3	0
5	QPSK	1	24	18.76	18.87	18.78		
5	QPSK	12	0	18.96	18.98	18.91		
5	QPSK	12	7	18.80	18.83	18.73	20.3	0
5	QPSK	12	13	18.58	18.91	18.77		
5	QPSK	25	0	18.81	18.85	18.90		
5	16QAM	1	0	18.95	18.96	19.06		
5	16QAM	1	12	18.69	18.85	18.82	20.3	0
5	16QAM	1	24	18.62	18.85	18.68		
5	16QAM	12	0	18.79	18.94	18.76		
5	16QAM	12	7	18.64	18.76	18.62	20.3	0
5	16QAM	12	13	18.68	18.63	18.63		
5	16QAM	25	0	18.66	18.73	18.77		
5	64QAM	1	0	19.01	18.83	18.77		
5	64QAM	1	12	18.80	18.85	18.79	20.3	0
5	64QAM	1	24	18.75	18.82	18.70		
5	64QAM	12	0	18.69	18.70	18.74		
5	64QAM	12	7	18.98	18.91	18.85	20.3	0
5	64QAM	12	13	18.68	18.85	18.86		
5	64QAM	25	0	18.74	18.77	18.75		
5	256QAM	1	0	17.57	17.57	17.53		
5	256QAM	1	12	17.36	17.45	17.27	19	1.3
5	256QAM	1	24	17.21	17.48	17.55		
5	256QAM	12	0	17.63	17.46	17.66		
5	256QAM	12	7	17.43	17.40	17.33	19	1.3
5	256QAM	12	13	17.30	17.46	17.35		
5	256QAM	25	0	17.52	17.54	17.58		
Channel				19985	20175	20365	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.91	19.01	19.05		
3	QPSK	1	8	18.82	19.03	18.90	20.3	0
3	QPSK	1	14	18.74	18.85	18.77		
3	QPSK	8	0	18.91	19.05	18.87		
3	QPSK	8	4	18.72	18.84	18.72	20.3	0
3	QPSK	8	7	18.56	18.89	18.73		
3	QPSK	15	0	18.77	18.93	18.87		
3	16QAM	1	0	18.96	18.88	18.98		
3	16QAM	1	8	18.73	18.87	18.80	20.3	0
3	16QAM	1	14	18.72	18.85	18.75		
3	16QAM	8	0	18.78	18.88	18.78		
3	16QAM	8	4	18.65	18.86	18.61	20.3	0
3	16QAM	8	7	18.69	18.63	18.59		
3	16QAM	15	0	18.67	18.74	18.84		
3	64QAM	1	0	18.98	18.86	18.81		
3	64QAM	1	8	18.78	18.90	18.74	20.3	0
3	64QAM	1	14	18.68	18.82	18.70		
3	64QAM	8	0	18.63	18.74	18.76		
3	64QAM	8	4	18.94	18.92	18.85	20.3	0
3	64QAM	8	7	18.63	18.82	18.84		
3	64QAM	15	0	18.79	18.78	18.74		
3	256QAM	1	0	17.55	17.59	17.50		
3	256QAM	1	8	17.32	17.46	17.32	19	1.3
3	256QAM	1	14	17.33	17.46	17.48		
3	256QAM	8	0	17.57	17.53	17.56		
3	256QAM	8	4	17.44	17.42	17.28	19	1.3
3	256QAM	8	7	17.37	17.43	17.40		
3	256QAM	15	0	17.49	17.48	17.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.90	19.00	18.95		
1.4	QPSK	1	3	18.79	18.97	18.95		
1.4	QPSK	1	5	18.73	18.87	18.85	20.3	0
1.4	QPSK	3	0	18.95	19.01	18.80		
1.4	QPSK	3	1	18.69	18.84	18.76		
1.4	QPSK	3	3	18.66	18.87	18.76		
1.4	QPSK	6	0	18.79	18.82	18.94	20.3	0
1.4	16QAM	1	0	18.89	18.86	19.03		
1.4	16QAM	1	3	18.64	18.84	18.87		
1.4	16QAM	1	5	18.67	18.82	18.66	20.3	0
1.4	16QAM	3	0	18.77	18.92	18.75		
1.4	16QAM	3	1	18.68	18.82	18.62		
1.4	16QAM	3	3	18.62	18.67	18.63		
1.4	16QAM	6	0	18.69	18.74	18.78	20.3	0
1.4	64QAM	1	0	18.97	18.92	18.79		
1.4	64QAM	1	3	18.73	18.87	18.72		
1.4	64QAM	1	5	18.77	18.80	18.76	20.3	0
1.4	64QAM	3	0	18.64	18.72	18.74		
1.4	64QAM	3	1	18.95	18.90	18.88		
1.4	64QAM	3	3	18.69	18.77	18.81		
1.4	64QAM	6	0	18.75	18.82	18.78	20.3	0
1.4	256QAM	1	0	17.55	17.59	17.46		
1.4	256QAM	1	3	17.41	17.39	17.24		
1.4	256QAM	1	5	17.33	17.41	17.53	19	1.3
1.4	256QAM	3	0	17.60	17.52	17.67		
1.4	256QAM	3	1	17.38	17.35	17.39		
1.4	256QAM	3	3	17.36	17.44	17.34		
1.4	256QAM	6	0	17.53	17.53	17.57	19	1.3

Band 66 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.10	19.27	19.23		
20	QPSK	1	49	18.97	19.17	19.11	20.3	0
20	QPSK	1	99	19.02	19.15	19.00		
20	QPSK	50	0	19.10	19.23	19.12		
20	QPSK	50	24	18.89	19.09	18.99	20.3	0
20	QPSK	50	50	18.83	19.00	18.96		
20	QPSK	100	0	19.02	19.05	19.01		
20	16QAM	1	0	19.08	19.08	19.17		
20	16QAM	1	49	18.92	19.11	19.07	20.3	0
20	16QAM	1	99	18.88	19.09	18.97		
20	16QAM	50	0	19.03	19.12	18.94		
20	16QAM	50	24	18.83	18.99	18.78	20.3	0
20	16QAM	50	50	18.79	18.85	18.88		
20	16QAM	100	0	18.94	19.00	19.03		
20	64QAM	1	0	19.10	19.18	19.09		
20	64QAM	1	49	18.96	19.00	19.02	20.3	0
20	64QAM	1	99	19.00	19.07	18.88		
20	64QAM	50	0	18.94	19.00	18.97		
20	64QAM	50	24	19.11	19.22	19.02	20.3	0
20	64QAM	50	50	18.93	19.09	19.04		
20	64QAM	100	0	18.96	19.07	18.88		
20	256QAM	1	0	17.70	17.81	17.66		
20	256QAM	1	49	17.56	17.62	17.48	19	1.3
20	256QAM	1	99	17.50	17.65	17.70		
20	256QAM	50	0	17.75	17.69	17.76		
20	256QAM	50	24	17.55	17.60	17.52	19	1.3
20	256QAM	50	50	17.53	17.69	17.53		
20	256QAM	100	0	17.69	17.68	17.73		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.01	19.17	19.05		
15	QPSK	1	37	18.89	19.00	18.97	20.3	0
15	QPSK	1	74	18.93	19.02	18.87		
15	QPSK	36	0	18.93	19.10	19.03		
15	QPSK	36	20	18.76	19.01	18.92	20.3	0
15	QPSK	36	39	18.65	18.92	18.88		
15	QPSK	75	0	18.88	18.96	18.94		
15	16QAM	1	0	18.92	19.02	19.05		
15	16QAM	1	37	18.82	18.93	18.97	20.3	0
15	16QAM	1	74	18.81	18.93	18.80		
15	16QAM	36	0	18.90	19.04	18.76		
15	16QAM	36	20	18.74	18.84	18.63	20.3	0
15	16QAM	36	39	18.61	18.69	18.79		
15	16QAM	75	0	18.76	18.82	18.89		
15	64QAM	1	0	18.96	19.10	18.93		
15	64QAM	1	37	18.86	18.85	18.92	20.3	0
15	64QAM	1	74	18.87	18.97	18.70		
15	64QAM	36	0	18.82	18.84	18.88		
15	64QAM	36	20	18.99	19.07	18.94	20.3	0
15	64QAM	36	39	18.78	18.94	18.98		
15	64QAM	75	0	18.90	19.01	18.73		
15	256QAM	1	0	17.63	17.67	17.61		
15	256QAM	1	37	17.47	17.52	17.40	19	1.3
15	256QAM	1	74	17.40	17.59	17.58		
15	256QAM	36	0	17.65	17.64	17.70		
15	256QAM	36	20	17.51	17.49	17.41	19	1.3
15	256QAM	36	39	17.49	17.64	17.48		
15	256QAM	75	0	17.64	17.60	17.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.98	19.20	19.11		
10	QPSK	1	25	18.84	19.05	18.98	20.3	0
10	QPSK	1	49	18.89	19.00	18.84		
10	QPSK	25	0	19.03	19.07	19.02		
10	QPSK	25	12	18.79	18.93	18.85	20.3	0
10	QPSK	25	25	18.67	18.88	18.87		
10	QPSK	50	0	18.85	18.89	18.94		
10	16QAM	1	0	18.97	18.98	19.01		
10	16QAM	1	25	18.86	19.02	18.93	20.3	0
10	16QAM	1	49	18.71	19.02	18.82		
10	16QAM	25	0	18.87	18.97	18.79		
10	16QAM	25	12	18.73	18.90	18.69	20.3	0
10	16QAM	25	25	18.72	18.78	18.78		
10	16QAM	50	0	18.88	18.91	18.91		
10	64QAM	1	0	18.99	19.01	18.94		
10	64QAM	1	25	18.90	18.88	18.94	20.3	0
10	64QAM	1	49	18.88	18.98	18.77		
10	64QAM	25	0	18.86	18.83	18.91		
10	64QAM	25	12	19.03	19.07	18.93	20.3	0
10	64QAM	25	25	18.81	18.99	18.96		
10	64QAM	50	0	18.85	18.93	18.78		
10	256QAM	1	0	17.63	17.74	17.61		
10	256QAM	1	25	17.51	17.52	17.39	19	1.3
10	256QAM	1	49	17.36	17.61	17.63		
10	256QAM	25	0	17.61	17.56	17.71		
10	256QAM	25	12	17.45	17.54	17.47	19	1.3
10	256QAM	25	25	17.43	17.60	17.39		
10	256QAM	50	0	17.59	17.62	17.60		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.02	19.20	19.13		
5	QPSK	1	12	18.87	19.06	19.02	20.3	0
5	QPSK	1	24	18.86	19.06	18.92		
5	QPSK	12	0	18.94	19.09	19.03		
5	QPSK	12	7	18.83	18.92	18.91	20.3	0
5	QPSK	12	13	18.66	18.83	18.83		
5	QPSK	25	0	18.94	18.89	18.93		
5	16QAM	1	0	18.97	18.92	19.08		
5	16QAM	1	12	18.82	18.96	18.99	20.3	0
5	16QAM	1	24	18.76	19.00	18.79		
5	16QAM	12	0	18.86	18.97	18.81		
5	16QAM	12	7	18.66	18.86	18.67	20.3	0
5	16QAM	12	13	18.71	18.73	18.79		
5	16QAM	25	0	18.85	18.85	18.89		
5	64QAM	1	0	19.04	19.02	19.01		
5	64QAM	1	12	18.78	18.89	18.87	20.3	0
5	64QAM	1	24	18.92	18.91	18.75		
5	64QAM	12	0	18.86	18.93	18.83		
5	64QAM	12	7	18.95	19.16	18.91	20.3	0
5	64QAM	12	13	18.78	18.93	18.94		
5	64QAM	25	0	18.85	18.98	18.77		
5	256QAM	1	0	17.65	17.78	17.56		
5	256QAM	1	12	17.45	17.52	17.35	19	1.3
5	256QAM	1	24	17.41	17.52	17.59		
5	256QAM	12	0	17.61	17.62	17.68		
5	256QAM	12	7	17.49	17.46	17.49	19	1.3
5	256QAM	12	13	17.46	17.60	17.41		
5	256QAM	25	0	17.61	17.60	17.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.99	19.19	19.12		
3	QPSK	1	8	18.81	19.04	18.95	20.3	0
3	QPSK	1	14	18.87	19.09	18.86		
3	QPSK	8	0	19.01	19.08	19.03		
3	QPSK	8	4	18.76	18.94	18.90	20.3	0
3	QPSK	8	7	18.66	18.87	18.83		
3	QPSK	15	0	18.91	18.88	18.83		
3	16QAM	1	0	18.99	18.91	19.00		
3	16QAM	1	8	18.83	18.95	18.98	20.3	0
3	16QAM	1	14	18.77	18.96	18.91		
3	16QAM	8	0	18.96	18.97	18.79		
3	16QAM	8	4	18.72	18.83	18.61	20.3	0
3	16QAM	8	7	18.65	18.75	18.81		
3	16QAM	15	0	18.76	18.88	18.93		
3	64QAM	1	0	18.97	19.05	18.92		
3	64QAM	1	8	18.82	18.94	18.93	20.3	0
3	64QAM	1	14	18.89	18.99	18.76		
3	64QAM	8	0	18.78	18.91	18.81		
3	64QAM	8	4	19.01	19.08	18.84	20.3	0
3	64QAM	8	7	18.81	18.97	18.94		
3	64QAM	15	0	18.89	18.95	18.79		
3	256QAM	1	0	17.56	17.72	17.61		
3	256QAM	1	8	17.43	17.58	17.37	19	1.3
3	256QAM	1	14	17.38	17.53	17.55		
3	256QAM	8	0	17.61	17.64	17.72		
3	256QAM	8	4	17.49	17.46	17.43	19	1.3
3	256QAM	8	7	17.41	17.66	17.43		
3	256QAM	15	0	17.58	17.56	17.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.00	19.15	19.15		
1.4	QPSK	1	3	18.86	18.99	18.97		
1.4	QPSK	1	5	18.94	19.08	18.84	20.3	0
1.4	QPSK	3	0	19.03	19.12	19.00		
1.4	QPSK	3	1	18.78	19.03	18.85		
1.4	QPSK	3	3	18.66	18.92	18.79		
1.4	QPSK	6	0	18.84	18.90	18.95	20.3	0
1.4	16QAM	1	0	18.95	19.02	19.06		
1.4	16QAM	1	3	18.75	19.03	18.95		
1.4	16QAM	1	5	18.78	19.02	18.90	20.3	0
1.4	16QAM	3	0	18.89	18.97	18.84		
1.4	16QAM	3	1	18.75	18.84	18.67		
1.4	16QAM	3	3	18.70	18.69	18.80		
1.4	16QAM	6	0	18.77	18.83	18.94	20.3	0
1.4	64QAM	1	0	19.03	19.04	18.94		
1.4	64QAM	1	3	18.83	18.93	18.87		
1.4	64QAM	1	5	18.87	18.91	18.77	20.3	0
1.4	64QAM	3	0	18.81	18.84	18.89		
1.4	64QAM	3	1	19.02	19.11	18.86		
1.4	64QAM	3	3	18.84	19.00	18.96		
1.4	64QAM	6	0	18.85	18.89	18.78	20.3	0
1.4	256QAM	1	0	17.65	17.71	17.56		
1.4	256QAM	1	3	17.52	17.53	17.38		
1.4	256QAM	1	5	17.38	17.55	17.59	19	1.3
1.4	256QAM	3	0	17.60	17.58	17.71		
1.4	256QAM	3	1	17.42	17.50	17.39		
1.4	256QAM	3	3	17.42	17.54	17.49		
1.4	256QAM	6	0	17.65	17.60	17.60	19	1.3

Reduced Power Mode for Other PA DSI7

Band 2 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.45	16.50	16.42	17.7	0
20	QPSK	1	49	16.31	16.47	16.28		
20	QPSK	1	99	16.40	16.42	16.33		
20	QPSK	50	0	16.37	16.41	16.28		
20	QPSK	50	24	16.18	16.41	16.15	17.7	0
20	QPSK	50	50	16.27	16.36	16.21		
20	QPSK	100	0	16.32	16.36	16.35		
20	16QAM	1	0	16.38	16.41	16.36		
20	16QAM	1	49	16.21	16.39	16.22	17.7	0
20	16QAM	1	99	16.34	16.38	16.23		
20	16QAM	50	0	16.33	16.36	16.25		
20	16QAM	50	24	16.05	16.28	16.01	17.7	0
20	16QAM	50	50	16.24	16.30	16.11		
20	16QAM	100	0	16.20	16.21	16.20		
20	64QAM	1	0	16.36	16.44	16.29		
20	64QAM	1	49	16.27	16.40	16.18	17.7	0
20	64QAM	1	99	16.29	16.29	16.22		
20	64QAM	50	0	16.31	16.30	16.19		
20	64QAM	50	24	16.14	16.33	16.07	17.7	0
20	64QAM	50	50	16.18	16.25	16.10		
20	64QAM	100	0	16.18	16.24	16.28		
20	256QAM	1	0	16.37	16.40	16.34		
20	256QAM	1	49	16.24	16.42	16.13	17.7	0
20	256QAM	1	99	16.31	16.36	16.26		
20	256QAM	50	0	16.32	16.31	16.18		
20	256QAM	50	24	16.13	16.29	16.10	17.7	0
20	256QAM	50	50	16.14	16.22	16.09		
20	256QAM	100	0	16.28	16.32	16.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.38	16.39	16.35	17.7	0
15	QPSK	1	37	16.26	16.38	16.23		
15	QPSK	1	74	16.34	16.28	16.20		
15	QPSK	36	0	16.29	16.34	16.19		
15	QPSK	36	20	16.03	16.30	16.10	17.7	0
15	QPSK	36	39	16.18	16.25	16.08		
15	QPSK	75	0	16.29	16.27	16.32		
15	16QAM	1	0	16.24	16.34	16.26		
15	16QAM	1	37	16.13	16.36	16.16	17.7	0
15	16QAM	1	74	16.28	16.27	16.12		
15	16QAM	36	0	16.29	16.28	16.20		
15	16QAM	36	20	16.02	16.16	15.97	17.7	0
15	16QAM	36	39	16.10	16.19	16.01		
15	16QAM	75	0	16.06	16.10	16.13		
15	64QAM	1	0	16.22	16.30	16.22		
15	64QAM	1	37	16.12	16.36	16.08	17.7	0
15	64QAM	1	74	16.19	16.22	16.14		
15	64QAM	36	0	16.21	16.25	16.12		
15	64QAM	36	20	16.09	16.21	16.01	17.7	0
15	64QAM	36	39	16.07	16.11	16.02		
15	64QAM	75	0	16.05	16.10	16.17		
15	256QAM	1	0	16.29	16.37	16.23		
15	256QAM	1	37	16.16	16.29	16.01	17.7	0
15	256QAM	1	74	16.19	16.28	16.11		
15	256QAM	36	0	16.25	16.23	16.06		
15	256QAM	36	20	16.04	16.18	16.00	17.7	0
15	256QAM	36	39	15.99	16.11	16.04		
15	256QAM	75	0	16.17	16.20	16.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.38	16.47	16.28	17.7	0
10	QPSK	1	25	16.26	16.38	16.19		
10	QPSK	1	49	16.26	16.29	16.23		
10	QPSK	25	0	16.29	16.31	16.25		
10	QPSK	25	12	16.14	16.35	16.09		
10	QPSK	25	25	16.21	16.23	16.13		
10	QPSK	50	0	16.20	16.27	16.25		
10	16QAM	1	0	16.28	16.38	16.17		
10	16QAM	1	25	16.10	16.33	16.17	17.7	0
10	16QAM	1	49	16.20	16.31	16.16		
10	16QAM	25	0	16.28	16.23	16.22		
10	16QAM	25	12	15.99	16.25	15.95	17.7	0
10	16QAM	25	25	16.20	16.25	16.07		
10	16QAM	50	0	16.08	16.16	16.16		
10	64QAM	1	0	16.25	16.37	16.20		
10	64QAM	1	25	16.22	16.27	16.04	17.7	0
10	64QAM	1	49	16.20	16.24	16.10		
10	64QAM	25	0	16.26	16.25	16.08		
10	64QAM	25	12	16.08	16.22	15.93	17.7	0
10	64QAM	25	25	16.10	16.15	15.99		
10	64QAM	50	0	16.14	16.16	16.20		
10	256QAM	1	0	16.23	16.27	16.19		
10	256QAM	1	25	16.19	16.33	16.06	17.7	0
10	256QAM	1	49	16.23	16.32	16.22		
10	256QAM	25	0	16.27	16.24	16.08		
10	256QAM	25	12	16.10	16.25	15.99	17.7	0
10	256QAM	25	25	16.01	16.19	16.02		
10	256QAM	50	0	16.17	16.26	16.11		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.37	16.37	16.33	17.7	0
5	QPSK	1	12	16.27	16.40	16.15		
5	QPSK	1	24	16.30	16.31	16.23		
5	QPSK	12	0	16.24	16.34	16.16	17.7	0
5	QPSK	12	7	16.05	16.28	16.12		
5	QPSK	12	13	16.22	16.27	16.10		
5	QPSK	25	0	16.22	16.29	16.24		
5	16QAM	1	0	16.27	16.29	16.20		
5	16QAM	1	12	16.16	16.28	16.12	17.7	0
5	16QAM	1	24	16.27	16.32	16.17		
5	16QAM	12	0	16.21	16.27	16.11		
5	16QAM	12	7	15.93	16.24	15.98	17.7	0
5	16QAM	12	13	16.17	16.19	16.08		
5	16QAM	25	0	16.15	16.09	16.10		
5	64QAM	1	0	16.31	16.33	16.23		
5	64QAM	1	12	16.14	16.33	16.07	17.7	0
5	64QAM	1	24	16.17	16.26	16.07		
5	64QAM	12	0	16.22	16.20	16.13		
5	64QAM	12	7	16.01	16.19	15.95	17.7	0
5	64QAM	12	13	16.10	16.11	15.96		
5	64QAM	25	0	16.07	16.17	16.24		
5	256QAM	1	0	16.30	16.33	16.25		
5	256QAM	1	12	16.13	16.31	15.98	17.7	0
5	256QAM	1	24	16.16	16.33	16.19		
5	256QAM	12	0	16.24	16.26	16.06		
5	256QAM	12	7	16.01	16.15	16.04	17.7	0
5	256QAM	12	13	16.08	16.18	15.99		
5	256QAM	25	0	16.24	16.29	16.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.41	16.39	16.28	17.7	0
3	QPSK	1	8	16.23	16.43	16.24		
3	QPSK	1	14	16.27	16.34	16.19		
3	QPSK	8	0	16.24	16.29	16.17		
3	QPSK	8	4	16.07	16.29	16.05	17.7	0
3	QPSK	8	7	16.21	16.25	16.07		
3	QPSK	15	0	16.19	16.27	16.27		
3	16QAM	1	0	16.30	16.27	16.24		
3	16QAM	1	8	16.16	16.24	16.09	17.7	0
3	16QAM	1	14	16.26	16.25	16.18		
3	16QAM	8	0	16.19	16.28	16.21		
3	16QAM	8	4	15.99	16.24	15.94	17.7	0
3	16QAM	8	7	16.11	16.20	15.97		
3	16QAM	15	0	16.09	16.13	16.13		
3	64QAM	1	0	16.23	16.36	16.23		
3	64QAM	1	8	16.16	16.37	16.10	17.7	0
3	64QAM	1	14	16.18	16.14	16.17		
3	64QAM	8	0	16.19	16.23	16.06		
3	64QAM	8	4	16.04	16.20	15.94	17.7	0
3	64QAM	8	7	16.12	16.19	16.05		
3	64QAM	15	0	16.12	16.19	16.15		
3	256QAM	1	0	16.31	16.31	16.23		
3	256QAM	1	8	16.13	16.38	16.01	17.7	0
3	256QAM	1	14	16.17	16.29	16.20		
3	256QAM	8	0	16.20	16.17	16.07		
3	256QAM	8	4	16.03	16.23	15.99	17.7	0
3	256QAM	8	7	16.02	16.17	15.98		
3	256QAM	15	0	16.23	16.17	16.17		
Channel				18607	18800	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.31	16.46	16.30	17.7	0
1.4	QPSK	1	3	16.27	16.43	16.15		
1.4	QPSK	1	5	16.31	16.32	16.29		
1.4	QPSK	3	0	16.30	16.33	16.23		
1.4	QPSK	3	1	16.13	16.27	16.04		
1.4	QPSK	3	3	16.24	16.22	16.07		
1.4	QPSK	6	0	16.21	16.21	16.30	17.7	0
1.4	16QAM	1	0	16.26	16.33	16.22	17.7	0
1.4	16QAM	1	3	16.10	16.28	16.07		
1.4	16QAM	1	5	16.20	16.30	16.19		
1.4	16QAM	3	0	16.24	16.31	16.10		
1.4	16QAM	3	1	15.98	16.14	15.93		
1.4	16QAM	3	3	16.19	16.25	15.97		
1.4	16QAM	6	0	16.15	16.10	16.16	17.7	0
1.4	64QAM	1	0	16.29	16.33	16.15	17.7	0
1.4	64QAM	1	3	16.21	16.33	16.09		
1.4	64QAM	1	5	16.15	16.24	16.16		
1.4	64QAM	3	0	16.27	16.22	16.09		
1.4	64QAM	3	1	15.99	16.23	15.98		
1.4	64QAM	3	3	16.06	16.16	16.00		
1.4	64QAM	6	0	16.13	16.10	16.20	17.7	0
1.4	256QAM	1	0	16.32	16.27	16.31	17.7	0
1.4	256QAM	1	3	16.19	16.31	16.06		
1.4	256QAM	1	5	16.26	16.28	16.20		
1.4	256QAM	3	0	16.22	16.27	16.04		
1.4	256QAM	3	1	16.03	16.17	15.96		
1.4	256QAM	3	3	16.03	16.08	15.98		
1.4	256QAM	6	0	16.15	16.23	16.17	17.7	0

Band 4 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.57	15.72	15.69	17	0
20	QPSK	1	49	15.57	15.66	15.52		
20	QPSK	1	99	15.57	15.59	15.62		
20	QPSK	50	0	15.51	15.68	15.57		
20	QPSK	50	24	15.51	15.49	15.52	17	0
20	QPSK	50	50	15.44	15.58	15.50		
20	QPSK	100	0	15.55	15.53	15.54		
20	16QAM	1	0	15.63	15.62	15.60		
20	16QAM	1	49	15.47	15.56	15.50	17	0
20	16QAM	1	99	15.54	15.58	15.58		
20	16QAM	50	0	15.61	15.63	15.58		
20	16QAM	50	24	15.39	15.48	15.51	17	0
20	16QAM	50	50	15.33	15.47	15.46		
20	16QAM	100	0	15.42	15.48	15.55		
20	64QAM	1	0	15.53	15.62	15.67		
20	64QAM	1	49	15.51	15.53	15.44	17	0
20	64QAM	1	99	15.55	15.65	15.49		
20	64QAM	50	0	15.53	15.63	15.46		
20	64QAM	50	24	15.41	15.44	15.39	17	0
20	64QAM	50	50	15.38	15.48	15.46		
20	64QAM	100	0	15.50	15.54	15.50		
20	256QAM	1	0	15.65	15.61	15.58		
20	256QAM	1	49	15.51	15.68	15.57	17	0
20	256QAM	1	99	15.50	15.55	15.51		
20	256QAM	50	0	15.44	15.52	15.45		
20	256QAM	50	24	15.41	15.32	15.43	17	0
20	256QAM	50	50	15.44	15.47	15.52		
20	256QAM	100	0	15.48	15.42	15.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.55	15.61	15.65	17	0
15	QPSK	1	37	15.53	15.62	15.43		
15	QPSK	1	74	15.52	15.48	15.56		
15	QPSK	36	0	15.57	15.62	15.55		
15	QPSK	36	20	15.49	15.46	15.49	17	0
15	QPSK	36	39	15.32	15.55	15.39		
15	QPSK	75	0	15.51	15.48	15.54		
15	16QAM	1	0	15.56	15.57	15.59		
15	16QAM	1	37	15.47	15.53	15.49	17	0
15	16QAM	1	74	15.49	15.48	15.56		
15	16QAM	36	0	15.50	15.60	15.55		
15	16QAM	36	20	15.34	15.41	15.50	17	0
15	16QAM	36	39	15.31	15.36	15.45		
15	16QAM	75	0	15.41	15.43	15.44		
15	64QAM	1	0	15.48	15.53	15.56		
15	64QAM	1	37	15.42	15.45	15.42	17	0
15	64QAM	1	74	15.45	15.55	15.47		
15	64QAM	36	0	15.52	15.62	15.36		
15	64QAM	36	20	15.35	15.33	15.34	17	0
15	64QAM	36	39	15.37	15.44	15.42		
15	64QAM	75	0	15.49	15.46	15.50		
15	256QAM	1	0	15.62	15.58	15.56		
15	256QAM	1	37	15.49	15.63	15.57	17	0
15	256QAM	1	74	15.47	15.48	15.42		
15	256QAM	36	0	15.36	15.49	15.44		
15	256QAM	36	20	15.37	15.31	15.42	17	0
15	256QAM	36	39	15.40	15.37	15.46		
15	256QAM	75	0	15.42	15.39	15.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.57	15.63	15.67	17	0
10	QPSK	1	25	15.52	15.66	15.52		
10	QPSK	1	49	15.46	15.49	15.59		
10	QPSK	25	0	15.54	15.56	15.46	17	0
10	QPSK	25	12	15.44	15.49	15.44		
10	QPSK	25	25	15.34	15.56	15.46		
10	QPSK	50	0	15.52	15.45	15.47		
10	16QAM	1	0	15.54	15.60	15.51	17	0
10	16QAM	1	25	15.42	15.46	15.47		
10	16QAM	1	49	15.51	15.54	15.52		
10	16QAM	25	0	15.61	15.57	15.55	17	0
10	16QAM	25	12	15.29	15.45	15.42		
10	16QAM	25	25	15.32	15.46	15.43		
10	16QAM	50	0	15.38	15.37	15.47		
10	64QAM	1	0	15.53	15.61	15.65	17	0
10	64QAM	1	25	15.46	15.52	15.39		
10	64QAM	1	49	15.43	15.65	15.45		
10	64QAM	25	0	15.48	15.61	15.45		
10	64QAM	25	12	15.40	15.38	15.32	17	0
10	64QAM	25	25	15.28	15.41	15.40		
10	64QAM	50	0	15.43	15.45	15.46		
10	256QAM	1	0	15.60	15.58	15.53		
10	256QAM	1	25	15.49	15.63	15.51	17	0
10	256QAM	1	49	15.49	15.53	15.50		
10	256QAM	25	0	15.44	15.61	15.34		
10	256QAM	25	12	15.29	15.23	15.38	17	0
10	256QAM	25	25	15.39	15.44	15.51		
10	256QAM	50	0	15.45	15.38	15.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.55	15.70	15.68	17	0
5	QPSK	1	12	15.49	15.57	15.44		
5	QPSK	1	24	15.47	15.53	15.59		
5	QPSK	12	0	15.55	15.66	15.55	17	0
5	QPSK	12	7	15.40	15.38	15.49		
5	QPSK	12	13	15.33	15.46	15.42		
5	QPSK	25	0	15.46	15.43	15.48		
5	16QAM	1	0	15.58	15.59	15.59	17	0
5	16QAM	1	12	15.38	15.55	15.42		
5	16QAM	1	24	15.50	15.56	15.52		
5	16QAM	12	0	15.60	15.56	15.46	17	0
5	16QAM	12	7	15.31	15.41	15.43		
5	16QAM	12	13	15.29	15.40	15.42		
5	16QAM	25	0	15.31	15.43	15.44		
5	64QAM	1	0	15.51	15.58	15.56	17	0
5	64QAM	1	12	15.40	15.50	15.34		
5	64QAM	1	24	15.48	15.54	15.48		
5	64QAM	12	0	15.47	15.52	15.36	17	0
5	64QAM	12	7	15.41	15.44	15.30		
5	64QAM	12	13	15.26	15.39	15.40		
5	64QAM	25	0	15.48	15.49	15.43		
5	256QAM	1	0	15.59	15.63	15.57	17	0
5	256QAM	1	12	15.39	15.62	15.51		
5	256QAM	1	24	15.47	15.50	15.46		
5	256QAM	12	0	15.39	15.47	15.40	17	0
5	256QAM	12	7	15.40	15.28	15.37		
5	256QAM	12	13	15.42	15.44	15.44		
5	256QAM	25	0	15.45	15.33	15.49		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.46	15.70	15.62	17	0
3	QPSK	1	8	15.53	15.62	15.48		
3	QPSK	1	14	15.56	15.54	15.51		
3	QPSK	8	0	15.58	15.68	15.49	17	0
3	QPSK	8	4	15.48	15.40	15.48		
3	QPSK	8	7	15.38	15.53	15.46		
3	QPSK	15	0	15.53	15.43	15.48		
3	16QAM	1	0	15.58	15.56	15.52	17	0
3	16QAM	1	8	15.36	15.46	15.44		
3	16QAM	1	14	15.44	15.54	15.57		
3	16QAM	8	0	15.53	15.56	15.50	17	0
3	16QAM	8	4	15.31	15.48	15.48		
3	16QAM	8	7	15.23	15.37	15.34		
3	16QAM	15	0	15.31	15.46	15.52		
3	64QAM	1	0	15.52	15.57	15.67	17	0
3	64QAM	1	8	15.45	15.52	15.44		
3	64QAM	1	14	15.43	15.56	15.38		
3	64QAM	8	0	15.50	15.62	15.41	17	0
3	64QAM	8	4	15.30	15.37	15.31		
3	64QAM	8	7	15.37	15.42	15.39		
3	64QAM	15	0	15.47	15.43	15.44		
3	256QAM	1	0	15.63	15.53	15.52	17	0
3	256QAM	1	8	15.44	15.58	15.48		
3	256QAM	1	14	15.43	15.48	15.45		
3	256QAM	8	0	15.47	15.50	15.34	17	0
3	256QAM	8	4	15.39	15.30	15.38		
3	256QAM	8	7	15.43	15.40	15.41		
3	256QAM	15	0	15.45	15.31	15.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.53	15.71	15.67	17	0
1.4	QPSK	1	3	15.55	15.66	15.44		
1.4	QPSK	1	5	15.52	15.56	15.53		
1.4	QPSK	3	0	15.54	15.58	15.49		
1.4	QPSK	3	1	15.51	15.38	15.47		
1.4	QPSK	3	3	15.41	15.48	15.39		
1.4	QPSK	6	0	15.51	15.45	15.45	17	0
1.4	16QAM	1	0	15.53	15.56	15.54	17	0
1.4	16QAM	1	3	15.46	15.50	15.44		
1.4	16QAM	1	5	15.45	15.51	15.47		
1.4	16QAM	3	0	15.61	15.55	15.50		
1.4	16QAM	3	1	15.29	15.45	15.42		
1.4	16QAM	3	3	15.30	15.40	15.41		
1.4	16QAM	6	0	15.39	15.39	15.50	17	0
1.4	64QAM	1	0	15.43	15.59	15.57	17	0
1.4	64QAM	1	3	15.45	15.43	15.39		
1.4	64QAM	1	5	15.47	15.65	15.48		
1.4	64QAM	3	0	15.44	15.62	15.44		
1.4	64QAM	3	1	15.41	15.35	15.37		
1.4	64QAM	3	3	15.31	15.42	15.38		
1.4	64QAM	6	0	15.41	15.54	15.44	17	0
1.4	256QAM	1	0	15.60	15.55	15.47	17	0
1.4	256QAM	1	3	15.49	15.66	15.49		
1.4	256QAM	1	5	15.42	15.46	15.48		
1.4	256QAM	3	0	15.42	15.50	15.38		
1.4	256QAM	3	1	15.40	15.31	15.40		
1.4	256QAM	3	3	15.36	15.39	15.42		
1.4	256QAM	6	0	15.40	15.37	15.49	17	0

Band 66 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.69	15.75	15.70	17	0
20	QPSK	1	49	15.59	15.69	15.62		
20	QPSK	1	99	15.61	15.65	15.66		
20	QPSK	50	0	15.66	15.68	15.68		
20	QPSK	50	24	15.52	15.55	15.56	17	0
20	QPSK	50	50	15.52	15.62	15.60		
20	QPSK	100	0	15.59	15.63	15.61		
20	16QAM	1	0	15.66	15.67	15.63		
20	16QAM	1	49	15.48	15.57	15.60	17	0
20	16QAM	1	99	15.58	15.62	15.58		
20	16QAM	50	0	15.62	15.68	15.59		
20	16QAM	50	24

Band 4 Ant 4 DSI7

BW [MHz]	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	16.27	16.29	16.24	17.7	0
20	QPSK	1	49	16.19	16.25	16.23		
20	QPSK	1	99	16.09	16.20	16.14		
20	QPSK	50	0	16.03	16.27	16.25		
20	QPSK	50	24	16.22	16.28	16.19	17.7	0
20	QPSK	50	50	16.13	16.17	16.23		
20	QPSK	100	0	15.95	16.19	16.18		
20	16QAM	1	0	16.13	16.23	16.23		
20	16QAM	1	49	16.07	16.09	16.07	17.7	0
20	16QAM	1	99	16.17	16.12	16.23		
20	16QAM	50	0	16.22	16.20	16.23		
20	16QAM	50	24	16.00	16.19	16.10	17.7	0
20	16QAM	50	50	16.07	16.26	16.16		
20	16QAM	100	0	16.04	16.15	16.08		
20	64QAM	1	0	15.95	16.19	16.14		
20	64QAM	1	49	16.10	16.09	16.05	17.7	0
20	64QAM	1	99	16.24	16.21	16.26		
20	64QAM	50	0	16.16	16.16	16.26		
20	64QAM	50	24	16.00	16.21	16.17	17.7	0
20	64QAM	50	50	16.05	16.28	16.18		
20	64QAM	100	0	16.22	16.11	16.21		
20	256QAM	1	0	16.23	16.22	16.19		
20	256QAM	1	49	16.01	16.19	16.19	17.7	0
20	256QAM	1	99	16.06	16.22	16.25		
20	256QAM	50	0	16.09	16.11	16.08		
20	256QAM	50	24	15.96	16.21	16.17	17.7	0
20	256QAM	50	50	16.12	16.06	16.16		
20	256QAM	100	0	16.14	16.21	16.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.18	16.14	16.14	17.7	0
15	QPSK	1	37	16.10	16.21	16.16		
15	QPSK	1	74	15.99	16.10	16.01		
15	QPSK	36	0	15.92	16.23	16.20		
15	QPSK	36	20	16.06	16.18	16.06	17.7	0
15	QPSK	36	39	15.99	16.08	16.08		
15	QPSK	75	0	16.05	16.16	16.14		
15	16QAM	1	0	16.10	16.17	16.15		
15	16QAM	1	37	16.02	16.03	16.00	17.7	0
15	16QAM	1	74	16.09	16.19	16.14		
15	16QAM	36	0	16.17	16.14	16.20		
15	16QAM	36	20	15.96	16.16	16.02	17.7	0
15	16QAM	36	39	15.96	16.12	16.02		
15	16QAM	75	0	15.95	16.11	16.02		
15	64QAM	1	0	15.90	16.14	16.02		
15	64QAM	1	37	16.04	15.96	16.01	17.7	0
15	64QAM	1	74	16.13	16.12	16.15		
15	64QAM	36	0	16.11	16.12	16.19		
15	64QAM	36	20	15.92	16.16	16.12	17.7	0
15	64QAM	36	39	16.00	16.15	16.06		
15	64QAM	75	0	16.12	16.17	16.08		
15	256QAM	1	0	16.15	16.18	16.20		
15	256QAM	1	37	15.93	16.05	16.12	17.7	0
15	256QAM	1	74	15.98	16.13	16.10		
15	256QAM	36	0	15.96	16.03	15.99		
15	256QAM	36	20	15.82	16.10	16.11	17.7	0
15	256QAM	36	39	16.06	16.03	16.04		
15	256QAM	75	0	16.04	16.14	15.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.17	16.15	16.19	17.7	0
10	QPSK	1	25	16.14	16.15	16.18		
10	QPSK	1	49	15.97	16.08	16.09		
10	QPSK	25	0	15.92	16.22	16.12		
10	QPSK	25	12	16.10	16.13	16.05	17.7	0
10	QPSK	25	25	16.07	16.09	16.15		
10	QPSK	50	0	16.05	16.15	16.13		
10	16QAM	1	0	16.04	16.18	16.09		
10	16QAM	1	25	15.98	16.00	16.01	17.7	0
10	16QAM	1	49	16.14	16.19	16.17		
10	16QAM	25	0	16.11	16.15	16.12		
10	16QAM	25	12	15.88	16.19	16.05	17.7	0
10	16QAM	25	25	16.01	16.19	16.03		
10	16QAM	50	0	15.95	16.10	16.01		
10	64QAM	1	0	15.89	16.13	16.08		
10	64QAM	1	25	16.01	16.06	15.93	17.7	0
10	64QAM	1	49	16.15	16.13	16.18		
10	64QAM	25	0	16.03	16.01	16.18		
10	64QAM	25	12	15.87	16.18	16.13	17.7	0
10	64QAM	25	25	16.00	16.17	16.07		
10	64QAM	50	0	16.13	16.24	16.06		
10	256QAM	1	0	16.19	16.08	16.26		
10	256QAM	1	25	15.96	16.08	16.08	17.7	0
10	256QAM	1	49	15.96	16.08	16.15		
10	256QAM	25	0	16.01	16.02	16.05		
10	256QAM	25	12	15.91	16.15	16.09	17.7	0
10	256QAM	25	25	16.00	15.93	16.09		
10	256QAM	50	0	16.10	16.16	15.91		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.22	16.17	16.10	17.7	0
5	QPSK	1	12	16.09	16.15	16.18		
5	QPSK	1	24	15.99	16.10	16.08		
5	QPSK	12	0	15.95	16.20	16.21		
5	QPSK	12	7	16.09	16.17	16.12	17.7	0
5	QPSK	12	13	16.04	16.11	16.10		
5	QPSK	25	0	16.00	16.15	16.13		
5	16QAM	1	0	16.07	16.19	16.20		
5	16QAM	1	12	16.00	16.05	16.00	17.7	0
5	16QAM	1	24	16.11	16.18	16.19		
5	16QAM	12	0	16.18	16.17	16.16		
5	16QAM	12	7	15.94	16.23	16.01	17.7	0
5	16QAM	12	13	15.93	16.21	16.09		
5	16QAM	25	0	16.00	16.08	16.01		
5	64QAM	1	0	15.82	16.09	16.06		
5	64QAM	1	12	15.96	16.03	16.00	17.7	0
5	64QAM	1	24	16.19	16.08	16.13		
5	64QAM	12	0	16.03	16.07	16.16		
5	64QAM	12	7	15.86	16.14	16.04	17.7	0
5	64QAM	12	13	15.90	16.19	16.14		
5	64QAM	25	0	16.13	16.17	16.16		
5	256QAM	1	0	16.15	16.17	16.22		
5	256QAM	1	12	15.97	16.15	16.07	17.7	0
5	256QAM	1	24	15.92	16.18	16.15		
5	256QAM	12	0	15.97	15.99	15.95		
5	256QAM	12	7	15.84	16.08	16.14	17.7	0
5	256QAM	12	13	16.07	15.91	16.08		
5	256QAM	25	0	16.02	16.16	16.00		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.17	16.25	16.17	17.7	0
3	QPSK	1	8	16.14	16.21	16.19		
3	QPSK	1	14	16.03	16.11	16.05		
3	QPSK	8	0	15.93	16.16	16.20		
3	QPSK	8	4	16.16	16.18	16.04	17.7	0
3	QPSK	8	7	16.10	16.08	16.11		
3	QPSK	15	0	15.99	16.23	16.08		
3	16QAM	1	0	16.08	16.20	16.19		
3	16QAM	1	8	15.97	16.04	16.03	17.7	0
3	16QAM	1	14	16.04	16.26	16.16		
3	16QAM	8	0	16.14	16.17	16.10		
3	16QAM	8	4	15.96	16.19	15.98	17.7	0
3	16QAM	8	7	15.94	16.12	16.10		
3	16QAM	15	0	15.95	16.11	15.96		
3	64QAM	1	0	15.89	16.10	16.10		
3	64QAM	1	8	15.98	16.02	15.94	17.7	0
3	64QAM	1	14	16.14	16.13	16.23		
3	64QAM	8	0	16.05	16.11	16.19		
3	64QAM	8	4	15.87	16.10	16.04	17.7	0
3	64QAM	8	7	15.98	16.19	16.11		
3	64QAM	15	0	16.08	16.18	16.11		
3	256QAM	1	0	16.20	16.17	16.18		
3	256QAM	1	8	15.93	16.09	16.15	17.7	0
3	256QAM	1	14	15.96	16.11	16.14		
3	256QAM	8	0	16.03	16.05	16.05		
3	256QAM	8	4	15.92	16.17	16.13	17.7	0
3	256QAM	8	7	15.97	16.00	16.06		
3	256QAM	15	0	16.01	16.07	15.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.15	16.18	16.15	17.7	0
1.4	QPSK	1	3	16.13	16.15	16.13		
1.4	QPSK	1	5	15.97	16.07	15.99		
1.4	QPSK	3	0	15.93	16.16	16.21		
1.4	QPSK	3	1	16.18	16.16	16.04		
1.4	QPSK	3	3	16.02	16.07	16.14		
1.4	QPSK	6	0	16.05	16.18	16.14	17.7	0
1.4	16QAM	1	0	16.02	16.20	16.18	17.7	0
1.4	16QAM	1	3	15.96	15.98	15.99		
1.4	16QAM	1	5	16.03	16.29	16.08		
1.4	16QAM	3	0	16.12	16.11	16.13		
1.4	16QAM	3	1	15.91	16.15	15.96		
1.4	16QAM	3	3	15.96	16.17	16.08		
1.4	16QAM	6	0	15.96	16.01	15.97	17.7	0
1.4	64QAM	1	0	15.91	16.15	16.01	17.7	0
1.4	64QAM	1	3	15.96	16.01	15.97		
1.4	64QAM	1	5	16.16	16.14	16.18		
1.4	64QAM	3	0	16.07	16.09	16.19		
1.4	64QAM	3	1	15.95	16.08	16.02		
1.4	64QAM	3	3	15.95	16.23	16.12		
1.4	64QAM	6	0	16.16	16.26	16.09	17.7	0
1.4	256QAM	1	0	16.11	16.10	16.24	17.7	0
1.4	256QAM	1	3	15.98	16.08	16.14		
1.4	256QAM	1	5	16.01	16.11	16.11		
1.4	256QAM	3	0	16.06	16.01	15.95		
1.4	256QAM	3	1	15.93	16.09	16.10		
1.4	256QAM	3	3	16.06	15.94	16.10		
1.4	256QAM	6	0	16.08	16.08	15.99	17.7	0

Band 66 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.16	16.33	16.27	17.7	0
20	QPSK	1	49	16.23	16.29	16.30		
20	QPSK	1	99	16.13	16.30	16.12		
20	QPSK	50	0	16.12	16.27	16.22		
20	QPSK	50	24	16.15	16.20	16.22	17.7	0
20	QPSK	50	50	16.11	16.20	16.18		
20	QPSK	100	0	16.10	16.18	16.12		
20	16QAM	1	0	16.12	16.19	16.22		
20	16QAM	1	49	16.07	16.23	16.12	17.7	0
20	16QAM	1	99	16.06	16.18	16.07		
20	16QAM	50	0	16.03	16.12	16.28		
20	16QAM	50	24	15.99	16.20	16.06	17.7	0
20	16QAM	50	50	15.98	16.18	16.12		
20	16QAM	100	0	16.12	16.08	16.05		
20	64QAM	1	0	16.15	16.15	16.09		
20	64QAM	1	49	16.14	16.18	16.09	17.7	0
20	64QAM	1	99	16.13	16.12	16.14		
20	64QAM	50	0	16.14	16.19	16.23		
20	64QAM	50	24	16.03	16.12	16.06	17.7	0
20	64QAM	50	50	15.96	16.17	16.13		
20	64QAM	100	0	15.99	16.14	16.10		
20	256QAM	1	0	16.05	16.12	16.08		
20	256QAM	1	49	16.07	16.18	16.03	17.7	0
20	256QAM	1	99	16.01	16.15	15.94		
20	256QAM	50	0	15.99	16.11	16.01		
20	256QAM	50	24	15.96	16.03	15.96	17.7	0
20	256QAM	50	50	15.87	16.07	15.93		
20	256QAM	100	0	15.93	16.02	16.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.99	16.14	16.14	17.7	0
15	QPSK	1	37	16.08	16.14	16.16		
15	QPSK	1	74	15.98	16.15	15.96		
15	QPSK	36	0	15.94	16.13	16.06		
15	QPSK	36	20	16.00	16.12	16.14	17.7	0
15	QPSK	36	39	16.02	16.13	16.06		
15	QPSK	75	0	15.94	16.06	16.05		
15	16QAM	1	0	15.96	16.01	16.06		
15	16QAM	1	37	15.95	16.17	16.06	17.7	0
15	16QAM	1	74	15.90	16.10	15.91		
15	16QAM	36	0	15.88	15.99	16.14		
15	16QAM	36	20	15.85	16.07	15.97	17.7	0
15	16QAM	36	39	15.91	16.03	16.05		
15	16QAM	75	0	15.96	15.91	15.91		
15	64QAM	1	0	16.03	16.08	15.96		
15	64QAM	1	37	15.98	16.07	15.92	17.7	0
15	64QAM	1	74	16.00	15.95	15.96		
15	64QAM	36	0	16.07	16.05	16.11		
15	64QAM	36	20	15.95	15.95	15.97	17.7	0
15	64QAM	36	39	15.83	16.06	15.99		
15	64QAM	75	0	15.86	16.03	15.92		
15	256QAM	1	0	15.96	15.99	15.93		
15	256QAM	1	37	15.93	16.11	15.87	17.7	0
15	256QAM	1	74	15.83	15.98	15.84		
15	256QAM	36	0	15.86	15.94	15.94		
15	256QAM	36	20	15.84	15.95	15.78	17.7	0
15	256QAM	36	39	15.72	15.92	15.77		
15	256QAM	75	0	15.78	15.90	15.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.03	16.16	16.20	17.7	0
10	QPSK	1	25	16.16	16.12	16.18		
10	QPSK	1	49	15.95	16.20	15.97		
10	QPSK	25	0	16.01	16.06	16.07		
10	QPSK	25	12	16.01	16.15	16.10	17.7	0
10	QPSK	25	25	15.97	16.10	16.05		
10	QPSK	50	0	15.93	16.12	16.11		
10	16QAM	1	0	15.95	16.03	16.11		
10	16QAM	1	25	15.90	16.13	16.01	17.7	0
10	16QAM	1	49	15.94	16.04	15.92		
10	16QAM	25	0	15.95	16.04	16.11		
10	16QAM	25	12	15.84	16.08	15.90	17.7	0
10	16QAM	25	25	15.80	16.05	16.04		
10	16QAM	50	0	16.04	15.91	15.99		
10	64QAM	1	0	16.06	16.07	15.97		
10	64QAM	1	25	16.02	16.01	15.96	17.7	0
10	64QAM	1	49	16.02	15.98	16.06		
10	64QAM	25	0	16.02	16.07	16.13		
10	64QAM	25	12	15.94	15.97	15.89	17.7	0
10	64QAM	25	25	15.78	16.00	15.98		
10	64QAM	50	0	15.88	15.99	15.96		
10	256QAM	1	0	15.87	16.04	15.97		
10	256QAM	1	25	15.98	16.07	15.85	17.7	0
10	256QAM	1	49	15.90	16.07	15.85		
10	256QAM	25	0	15.84	15.96	15.86		
10	256QAM	25	12	15.90	15.89	15.89	17.7	0
10	256QAM	25	25	15.74	15.99	15.80		
10	256QAM	50	0	15.85	15.92	15.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.09	16.13	16.21	17.7	0
5	QPSK	1	12	16.12	16.19	16.23		
5	QPSK	1	24	15.97	16.21	16.03		
5	QPSK	12	0	15.97	16.13	16.07		
5	QPSK	12	7	16.09	16.21	16.11	17.7	0
5	QPSK	12	13	16.03	16.10	16.06		
5	QPSK	25	0	15.98	16.00	16.13		
5	16QAM	1	0	15.98	16.12	16.05		
5	16QAM	1	12	15.92	16.10	15.96	17.7	0
5	16QAM	1	24	15.88	16.01	16.00		
5	16QAM	12	0	15.91	16.02	16.15		
5	16QAM	12	7	15.86	16.11	15.97	17.7	0
5	16QAM	12	13	15.83	16.07	15.99		
5	16QAM	25	0	16.02	15.92	15.91		
5	64QAM	1	0	16.06	16.05	15.96		
5	64QAM	1	12	15.97	16.08	15.96	17.7	0
5	64QAM	1	24	16.04	16.02	16.01		
5	64QAM	12	0	16.04	16.06	16.15		
5	64QAM	12	7	15.96	16.02	15.92	17.7	0
5	64QAM	12	13	15.88	16.00	16.07		
5	64QAM	25	0	15.81	16.02	16.03		
5	256QAM	1	0	15.90	15.98	15.99		
5	256QAM	1	12	16.00	16.02	15.96	17.7	0
5	256QAM	1	24	15.83	16.05	15.88		
5	256QAM	12	0	15.91	16.04	15.91		
5	256QAM	12	7	15.82	15.95	15.87	17.7	0
5	256QAM	12	13	15.75	15.92	15.87		
5	256QAM	25	0	15.78	15.91	15.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.01	16.23	16.12	17.7	0
3	QPSK	1	8	16.09	16.15	16.18		
3	QPSK	1	14	16.00	16.17	16.00		
3	QPSK	8	0	16.02	16.04	16.13		
3	QPSK	8	4	16.01	16.12	16.09	17.7	0
3	QPSK	8	7	16.00	16.13	16.08		
3	QPSK	15	0	15.99	16.05	16.11		
3	16QAM	1	0	15.97	16.06	16.13		
3	16QAM	1	8	15.96	16.11	15.95	17.7	0
3	16QAM	1	14	15.95	16.11	15.95		
3	16QAM	8	0	15.85	15.96	16.14		
3	16QAM	8	4	15.85	16.11	15.89	17.7	0
3	16QAM	8	7	15.87	16.09	16.01		
3	16QAM	15	0	16.02	15.97	15.90		
3	64QAM	1	0	16.04	16.09	15.97		
3	64QAM	1	8	16.02	16.01	15.99	17.7	0
3	64QAM	1	14	16.00	16.05	15.96		
3	64QAM	8	0	16.06	16.09	16.14		
3	64QAM	8	4	15.86	15.97	15.98	17.7	0
3	64QAM	8	7	15.79	16.04	15.97		
3	64QAM	15	0	15.86	16.03	15.93		
3	256QAM	1	0	15.95	15.99	15.99		
3	256QAM	1	8	15.91	16.03	15.93	17.7	0
3	256QAM	1	14	15.84	16.09	15.83		
3	256QAM	8	0	15.90	16.02	15.85		
3	256QAM	8	4	15.80	15.85	15.83	17.7	0
3	256QAM	8	7	15.77	15.97	15.85		
3	256QAM	15	0	15.84	15.90	15.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.01	16.23	16.16	17.7	0
1.4	QPSK	1	3	16.17	16.22	16.15		
1.4	QPSK	1	5	15.96	16.15	15.96		
1.4	QPSK	3	0	15.98	16.09	16.09		
1.4	QPSK	3	1	16.01	16.16	16.07		
1.4	QPSK	3	3	16.02	16.12	16.10		
1.4	QPSK	6	0	16.03	16.03	16.16	17.7	0
1.4	16QAM	1	0	16.05	16.06	16.08	17.7	0
1.4	16QAM	1	3	15.92	16.16	16.02		
1.4	16QAM	1	5	15.91	16.06	15.96		
1.4	16QAM	3	0	15.96	15.96	16.21		
1.4	16QAM	3	1	15.83	16.09	15.89		
1.4	16QAM	3	3	15.87	16.05	16.05		
1.4	16QAM	6	0	15.98	15.94	15.89	17.7	0
1.4	64QAM	1	0	16.01	16.02	15.98	17.7	0
1.4	64QAM	1	3	15.99	16.09	15.97		
1.4	64QAM	1	5	15.96	15.94	16.01		
1.4	64QAM	3	0	16.03	16.12	16.13		
1.4	64QAM	3	1	15.96	15.95	15.90		
1.4	64QAM	3	3	15.83	16.10	16.03		
1.4	64QAM	6	0	15.86	16.06	16.03	17.7	0
1.4	256QAM	1	0	15.95	16.01	15.96	17.7	0
1.4	256QAM	1	3	15.90	16.09	15.93		
1.4	256QAM	1	5	15.90	16.07	15.88		
1.4	256QAM	3	0	15.91	16.03	15.90		
1.4	256QAM	3	1	15.88	15.88	15.85		
1.4	256QAM	3	3	15.74	15.91	15.81		
1.4	256QAM	6	0	15.86	15.92	15.94	17.7	0

DL CA

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-2A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.70	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.51	21.59
CA_2A-26A	Band 2	Ant0	10M	1880	18900	QPSK	1	0		Band 26	15M	876.5	8865		22.74	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 26	15M	876.5	8865		21.53	21.59
	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 2	10M	1960	900		23.21	23.25
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 2	20M	1960	900		21.81	21.86
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098		22.73	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098		21.54	21.59
CA_4A-4A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0		Band 4	5M	2152.5	2375		22.81	22.84
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0		Band 4	5M	2152.5	2375		21.59	21.64
CA_5A-38A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 38	20M	2595	38000		23.09	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 38	20M	2595	38000		23.25	23.30
CA_7A-42A	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 42	20M	3500	42590		22.08	22.13
CA_7B	Band 7	Ant1	15M	2535	21100	QPSK	1	0		Band 7	5M	2544.3	3193		22.10	22.13
CA_26A-41A	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620		23.18	23.25
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620		21.81	21.86
CA_38C	Band 38	Ant4	20M	2580	37850	QPSK	1	0		Band 38	20M	2599.8	38048		22.79	22.85
CA_41A-42A	Band 41	Ant4	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590		22.88	22.90
	Band 42	Ant5	20M	3500	42590	QPSK	1	0		Band 41	20M	2593	40620		22.82	22.86
CA_41C	Band 41	Ant4	20M	2593	40620	QPSK	1	0		Band 41	20M	2612.8	40818		22.85	22.90
CA_42A-42A	Band 42	Ant5	20M	3500	42590	QPSK	1	0		Band 42	5M	3547.5	43065		22.77	22.86
CA_42C	Band 42	Ant5	20M	3500	42590	QPSK	1	0		Band 42	20M	3519.8	42788		22.79	22.86
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0		Band 66	5M	2164.3	66979		22.88	22.91
	Band 66	Ant4	15M	1745	132322	QPSK	1	0		Band 66	5M	2164.3	66979		21.57	21.62

3CA DL

3CA List	PCC									SCC1					SCC2					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 5	10M	881.5	2525		22.73	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 5	10M	881.5	2525		21.52	21.59
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525		Band 2	20M	1960	900		22.77	22.84
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525		Band 2	20M	1960	900		21.59	21.64
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175		23.08	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175		23.22	23.30
CA_2A-4A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 7	20M	2655	3100		22.76	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 7	20M	2655	3100		21.51	21.59
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 2	20M	1960	900		22.79	22.84
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 2	20M	1960	900		21.58	21.64
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175		22.05	22.13
CA_2A-5A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		Band 7	20M	2655	3100		22.66	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		Band 7	20M	2655	3100		21.44	21.59
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		Band 2	20M	1960	900		23.04	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		Band 2	20M	1960	900		23.21	23.30
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 2	20M	1960	900		Band 5	10M	881.5	2525		22.02	22.13
CA_2A-7A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100		Band 7	5M	2687.5	3425		22.75	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100		Band 7	5M	2687.5	3425		21.50	21.59
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	5M	2687.5	3425		Band 2	20M	1960	900		22.00	22.13
CA_4A-7A-7A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 7	5M	2687.5	3425		22.70	22.84
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 7	5M	2687.5	3425		21.51	21.64
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	5M	2687.5	3425		Band 4	20M	2132.5	2175		22.07	22.13
CA_5A-7A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 7	20M	2655	3100		23.10	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 7	20M	2655	3100		23.26	23.30
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 5	10M	881.5	2525		Band 66	20M	2155	66886		22.01	22.13
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 5	10M	881.5	2525		22.85	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 5	10M	881.5	2525		21.48	21.62
CA_5A-7C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		23.10	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		23.17	23.30
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	20M	2554.8	3298		Band 5	10M	881.5	2525		22.02	22.13
CA_5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 66	5M	2197.5	67311		23.09	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 66	5M	2197.5	67311		23.24	23.30
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311		Band 5	10M	881.5	2525		22.76	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311		Band 5	10M	881.5	2525		21.51	21.62
CA_5A-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 66	20M	2174.8	67084		23.07	23.17
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886		Band 66	20M	2174.8	67084		23.22	23.30
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	20M	2164.8	66984		Band 5	10M	881.5	2525		22.81	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 66	20M	2164.8	66984		Band 5	10M	881.5	2525		21.47	21.62
CA_7A-26A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 26	15M	876.5	8865		Band 66	20M	2155	66886		22.08	22.13
	Band 26	Ant0	20M	831.5	26865	QPSK	1	0		Band 66	20M	2155	66886		Band 7	20M	2655	3100		23.17	23.25
	Band 26	Ant4	20M	831.5	26865	QPSK	1	0		Band 66	20M	2155	66886		Band 7	20M	2655	3100		21.78	21.86
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 26	15M	876.5	8865		22.78	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 26	15M	876.5	8865		21.53	21.62
CA_7C-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	20M	2554.8	3298		Band 66	20M	2155	66886		21.99	22.13
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		22.81	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		21.58	21.62

4CA DL

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-7C	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		22.65	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		21.50	21.59
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		Band 2	20M	1960	900		22.71	22.84
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100		Band 7	20M	2554.8	3298		Band 2	20M	1960	900		21.47	21.64
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	20M	2554.8	3298		Band 2	20M	1960	900		Band 4	20M	2132.5	2175		22.06	22.13
CA_2A-7A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100		Band 66	20M	2155	66886		Band 66	5M	2197.5	67311		22.67	22.79
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100		Band 66	20M	2155	66886		Band 66	5M	2197.5	67311		21.44	21.59
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 66	20M	2155	66886		Band 66	5M	2197.5	67311		Band 2	20M	1960	900		21.97	22.13
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311		Band 2	20M	1960	900		Band 7	20M	2655	3100		22.81	22.91
	Band 66	Ant4	20M	1745	132322	QPSK	1	0		Band 66	5M	2197.5	67311		Band 2	20M	1960	900		Band 7	20M	2655	3100		21.50	21.62

Uplink CA Power
Full&Default Power Mode

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.30	23.00
21100	21298	QPSK	1	99	1	0	21.45	23.00
21350	21152	QPSK	1	0	1	99	21.44	23.00

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.62	23.00
37901	38099	QPSK	1	99	1	0	21.48	23.00
38150	37952	QPSK	1	0	1	99	21.50	23.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.66	23.00
132322	132520	QPSK	1	99	1	0	21.58	23.00
132572	132374	QPSK	1	0	1	99	21.50	23.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.59	23.00
132322	132415	QPSK	1	74	1	0	21.46	23.00
132597	132504	QPSK	1	0	1	24	21.50	23.00

Uplink CA Power
Reduced Power Mode for DSI2

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.30	23.00
21100	21298	QPSK	1	99	1	0	21.45	23.00
21350	21152	QPSK	1	0	1	99	21.44	23.00

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.92	21.30
37901	38099	QPSK	1	99	1	0	19.82	21.30
38150	37952	QPSK	1	0	1	99	19.84	21.30

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.66	23.00
132322	132520	QPSK	1	99	1	0	21.58	23.00
132572	132374	QPSK	1	0	1	99	21.50	23.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.59	23.00
132322	132415	QPSK	1	74	1	0	21.46	23.00
132597	132504	QPSK	1	0	1	24	21.50	23.00

Uplink CA Power
Reduced Power Mode for DSI3

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.10	18.70
21100	21298	QPSK	1	99	1	0	17.16	18.70
21350	21152	QPSK	1	0	1	99	17.12	18.70

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.48	18.70
37901	38099	QPSK	1	99	1	0	17.36	18.70
38150	37952	QPSK	1	0	1	99	17.33	18.70

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.02	17.30
132322	132520	QPSK	1	99	1	0	15.95	17.30
132572	132374	QPSK	1	0	1	99	15.90	17.30

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	15.96	17.30
132322	132415	QPSK	1	74	1	0	15.85	17.30
132597	132504	QPSK	1	0	1	24	15.89	17.30

Uplink CA Power
Reduced Power Mode for DSI7

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.10	18.70
21100	21298	QPSK	1	99	1	0	17.16	18.70
21350	21152	QPSK	1	0	1	99	17.12	18.70

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	14.75	16.00
37901	38099	QPSK	1	99	1	0	14.56	16.00
38150	37952	QPSK	1	0	1	99	14.62	16.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	15.72	17.00
132322	132520	QPSK	1	99	1	0	15.65	17.00
132572	132374	QPSK	1	0	1	99	15.60	17.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	15.63	17.00
132322	132415	QPSK	1	74	1	0	15.56	17.00
132597	132504	QPSK	1	0	1	24	15.52	17.00

Uplink CA Power
Reduced Power Mode for DSI6

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.85	21.40
21100	21298	QPSK	1	99	1	0	19.96	21.40
21350	21152	QPSK	1	0	1	99	19.88	21.40

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.06	22.30
37901	38099	QPSK	1	99	1	0	20.92	22.30
38150	37952	QPSK	1	0	1	99	20.99	22.30

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.85	20.10
132322	132520	QPSK	1	99	1	0	18.77	20.10
132572	132374	QPSK	1	0	1	99	18.72	20.10

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.72	20.10
132322	132415	QPSK	1	74	1	0	18.68	20.10
132597	132504	QPSK	1	0	1	24	18.63	20.10

Full&Default Power Mode

n2 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.44	23.46	23.41	24.0	0.0
20	PI/2 BPSK	1	53	23.48	23.54	23.38		
20	PI/2 BPSK	1	104	23.39	23.49	23.31		
20	PI/2 BPSK	50	0	23.00	23.02	22.86	23.5	0.5
20	PI/2 BPSK	50	28	23.46	23.52	23.36	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.07	22.90	23.5	0.5
20	PI/2 BPSK	100	0	22.84	22.96	22.84		
20	QPSK	1	1	23.54	23.63	23.45	24.0	0.0
20	QPSK	1	53	23.54	23.61	23.56		
20	QPSK	1	104	23.55	23.61	23.45		
20	QPSK	50	0	22.37	22.54	22.37	23.0	1.0
20	QPSK	50	28	23.33	23.51	23.38	24.0	0.0
20	QPSK	50	56	22.57	22.63	22.50	23.0	1.0
20	QPSK	100	0	22.47	22.48	22.43		
20	16QAM	1	1	22.11	22.25	22.11	23.0	1.0
20	64QAM	1	1	20.94	21.04	20.89	21.5	2.5
20	256QAM	1	1	18.78	18.91	18.86	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.34	23.48	23.23	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.31	23.47	23.29	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.30	23.53	23.21	24.0	0.0

n5 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.32	23.27	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.28	23.00		
20	PI/2 BPSK	1	104	23.08	23.33	23.07		
20	PI/2 BPSK	50	0	22.83	23.05	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.26	23.40	23.33	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.93	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.84	23.08	22.99		
20	QPSK	1	1	23.38	23.49	23.42	24.0	0.0
20	QPSK	1	53	23.15	23.35	23.23		
20	QPSK	1	104	23.19	23.39	23.28		
20	QPSK	50	0	22.34	22.47	22.45	23.0	1.0
20	QPSK	50	28	23.32	23.46	23.42	24.0	0.0
20	QPSK	50	56	22.39	22.45	22.44	23.0	1.0
20	QPSK	100	0	22.42	22.48	22.44		
20	16QAM	1	1	22.37	22.53	22.48	23.0	1.0
20	64QAM	1	1	20.90	20.98	20.93	21.5	2.5
20	256QAM	1	1	18.82	18.94	18.97	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.36	23.27	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	23.40	23.34	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.27	23.30	24.0	0.0

n26 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.34	23.36	23.39	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.45	23.29		
20	PI/2 BPSK	1	104	23.33	23.31	23.33		
20	PI/2 BPSK	50	0	22.95	23.04	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.34	23.44	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.06	23.03	23.5	0.5
20	PI/2 BPSK	100	0	22.95	23.07	23.04		
20	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
20	QPSK	1	53	23.32	23.41	23.38		
20	QPSK	1	104	23.44	23.49	23.28		
20	QPSK	50	0	22.54	22.46	22.50	23.0	1.0
20	QPSK	50	28	23.40	23.42	23.36	24.0	0.0
20	QPSK	50	56	22.45	22.52	22.46	23.0	1.0
20	QPSK	100	0	22.42	22.55	22.52		
20	16QAM	1	1	22.59	22.62	22.44	23.0	1.0
20	64QAM	1	1	20.97	21.12	21.06	21.5	2.5
20	256QAM	1	1	19.08	19.07	19.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.25	23.30	23.22	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.30	23.14	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.22	23.35	23.14	24.0	0.0

n66 Ant 0 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.36	23.46	23.47	24.0	0.0
40	PI/2 BPSK	1	108	23.35	23.44	23.47		
40	PI/2 BPSK	1	214	23.51	23.40	23.48		
40	PI/2 BPSK	108	0	23.16	23.04	23.13	23.5	0.5
40	PI/2 BPSK	108	54	23.37	23.44	23.43	24.0	0.0
40	PI/2 BPSK	108	108	23.05	23.21	22.97	23.5	0.5
40	PI/2 BPSK	216	0	23.16	23.11	23.02		
40	QPSK	1	1	23.58	23.62	23.55	24.0	0.0
40	QPSK	1	108	23.35	23.46	23.42		
40	QPSK	1	214	23.47	23.49	23.47		
40	QPSK	108	0	22.50	22.56	22.52	23.0	1.0
40	QPSK	108	54	23.45	23.51	23.43	24.0	0.0
40	QPSK	108	108	22.63	22.63	22.50	23.0	1.0
40	QPSK	216	0	22.61	22.62	22.58		
40	16QAM	1	1	22.60	22.68	22.48	23.0	1.0
40	64QAM	1	1	21.15	21.19	21.04	21.5	2.5
40	256QAM	1	1	19.13	19.07	19.11	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.38	23.44	23.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.32	23.48	23.43	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.40	23.49	23.37	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.42	23.44	23.44	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.46	23.35	23.40	24.0	0.0

n7 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.26	23.22	23.14	24.0	0.0
40	PI/2 BPSK	1	108	23.12	23.24	23.07		
40	PI/2 BPSK	1	214	23.17	23.17	23.25		
40	PI/2 BPSK	108	0	22.91	22.94	22.89	23.5	0.5
40	PI/2 BPSK	108	54	23.24	23.26	23.11	24.0	0.0
40	PI/2 BPSK	108	108	22.78	22.97	22.85	23.5	0.5
40	PI/2 BPSK	216	0	22.92	22.94	22.84		
40	QPSK	1	1	23.33	23.38	23.31	24.0	0.0
40	QPSK	1	108	23.17	23.20	23.18		
40	QPSK	1	214	23.18	23.19	23.24		
40	QPSK	108	0	22.27	22.40	22.28	23.0	1.0
40	QPSK	108	54	23.10	23.27	23.11	24.0	0.0
40	QPSK	108	108	22.25	22.32	22.28	23.0	1.0
40	QPSK	216	0	22.30	22.46	22.26		
40	16QAM	1	1	22.41	22.33	22.39	23.0	1.0
40	64QAM	1	1	20.84	20.83	20.88	21.5	2.5
40	256QAM	1	1	18.86	18.80	18.77	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.16	23.11	23.11	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.14	23.14	23.12	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.12	23.18	23.14	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.06	23.26	23.11	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.21	23.18	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.09	23.11	23.06	24.0	0.0

n2 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.58	21.71	21.54	23.0	0.0
20	PI/2 BPSK	1	53	21.59	21.63	21.61		
20	PI/2 BPSK	1	104	21.66	21.65	21.66		
20	PI/2 BPSK	50	0	21.41	21.42	21.25	22.5	0.5
20	PI/2 BPSK	50	28	21.56	21.69	21.54	23.0	0.0
20	PI/2 BPSK	50	56	21.36	21.45	21.28	22.5	0.5
20	PI/2 BPSK	100	0	21.27	21.45	21.37		
20	QPSK	1	1	21.84	21.87	21.80	23.0	0.0
20	QPSK	1	53	21.63	21.71	21.54		
20	QPSK	1	104	21.66	21.63	21.69		
20	QPSK	50	0	20.87	20.83	20.83	22.0	1.0
20	QPSK	50	28	21.62	21.74	21.67	23.0	0.0
20	QPSK	50	56	20.90	20.86	20.88	22.0	1.0
20	QPSK	100	0	20.90	20.95	20.80		
20	16QAM	1	1	20.84	20.88	20.74	22.0	1.0
20	64QAM	1	1	19.27	19.41	19.35	20.5	2.5
20	256QAM	1	1	17.29	17.33	17.35	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.68	21.66	21.67	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.66	21.70	21.71	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.67	21.66	21.69	23.0	0.0

n5 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.85	22.06	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.80	21.91	22.06		
20	PI/2 BPSK	1	104	21.99	21.98	21.98		
20	PI/2 BPSK	50	0	21.49	21.58	21.64	22.5	0.5
20	PI/2 BPSK	50	28	21.90	21.92	21.83	23.0	0.0
20	PI/2 BPSK	50	56	21.58	21.58	21.65	22.5	0.5
20	PI/2 BPSK	100	0	21.59	21.56	21.72		
20	QPSK	1	1	22.05	22.11	22.10	23.0	0.0
20	QPSK	1	53	21.85	21.98	21.88		
20	QPSK	1	104	21.87	21.97	21.89		
20	QPSK	50	0	21.19	21.12	21.16	22.0	1.0
20	QPSK	50	28	21.97	22.05	21.89	23.0	0.0
20	QPSK	50	56	21.17	21.22	21.12	22.0	1.0
20	QPSK	100	0	21.10	21.17	21.08		
20	16QAM	1	1	21.16	21.07	21.05	22.0	1.0
20	64QAM	1	1	19.58	19.70	19.51	20.5	2.5
20	256QAM	1	1	17.59	17.61	17.64	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	21.99	21.74	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.76	21.99	21.75	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.79	21.99	21.77	23.0	0.0

n7 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.95	22.90	22.85	24.0	0.0
40	PI/2 BPSK	1	108	22.82	22.94	22.85		
40	PI/2 BPSK	1	214	22.85	22.93	22.79		
40	PI/2 BPSK	108	0	22.49	22.60	22.48	23.5	0.5
40	PI/2 BPSK	108	54	22.86	22.97	22.86	24.0	0.0
40	PI/2 BPSK	108	108	22.47	22.53	22.46	23.5	0.5
40	PI/2 BPSK	216	0	22.62	22.53	22.43		
40	QPSK	1	1	23.04	23.09	23.00	24.0	0.0
40	QPSK	1	108	22.86	22.97	22.91		
40	QPSK	1	214	22.89	22.90	22.78		
40	QPSK	108	0	22.11	22.02	22.01	23.0	1.0
40	QPSK	108	54	22.89	23.03	22.89	24.0	0.0
40	QPSK	108	108	22.08	22.04	22.02	23.0	1.0
40	QPSK	216	0	21.97	22.06	21.99		
40	16QAM	1	1	22.01	22.12	22.05	23.0	1.0
40	64QAM	1	1	20.52	20.62	20.42	21.5	2.5
40	256QAM	1	1	18.59	18.65	18.49	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.70	22.69	22.62	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.73	22.73	22.69	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.63	22.73	22.66	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.70	22.62	22.63	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.59	22.73	22.65	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.60	22.67	22.61	24.0	0.0

n26 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	21.79	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.80	21.77		
20	PI/2 BPSK	1	104	21.79	21.91	21.83		
20	PI/2 BPSK	50	0	21.34	21.46	21.45	22.5	0.5
20	PI/2 BPSK	50	28	21.81	21.90	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.45	21.39	22.5	0.5
20	PI/2 BPSK	100	0	21.45	21.50	21.38		
20	QPSK	1	1	21.92	22.01	21.95	23.0	0.0
20	QPSK	1	53	21.77	21.85	21.78		
20	QPSK	1	104	21.77	21.83	21.85		
20	QPSK	50	0	20.98	20.96	20.95	22.0	1.0
20	QPSK	50	28	21.79	21.95	21.83	23.0	0.0
20	QPSK	50	56	20.95	21.02	20.90	22.0	1.0
20	QPSK	100	0	20.90	20.94	20.88		
20	16QAM	1	1	21.00	20.95	21.04	22.0	1.0
20	64QAM	1	1	19.37	19.45	19.53	20.5	2.5
20	256QAM	1	1	17.34	17.44	17.48	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.70	21.86	21.72	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.66	21.73	21.83	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.67	21.72	21.72	23.0	0.0

n66 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.73	21.72	21.70	23.0	0.0
40	PI/2 BPSK	1	108	21.69	21.83	21.76		
40	PI/2 BPSK	1	214	21.74	21.74	21.67		
40	PI/2 BPSK	108	0	21.43	21.50	21.43	22.5	0.5
40	PI/2 BPSK	108	54	21.77	21.84	21.76	23.0	0.0
40	PI/2 BPSK	108	108	21.32	21.43	21.35	22.5	0.5
40	PI/2 BPSK	216	0	21.45	21.43	21.31		
40	QPSK	1	1	21.90	21.93	21.89	23.0	0.0
40	QPSK	1	108	21.79	21.75	21.80		
40	QPSK	1	214	21.74	21.78	21.70		
40	QPSK	108	0	20.83	20.95	20.81	22.0	1.0
40	QPSK	108	54	21.75	21.86	21.81	23.0	0.0
40	QPSK	108	108	20.93	20.85	20.90	22.0	1.0
40	QPSK	216	0	20.92	20.94	20.85		
40	16QAM	1	1	20.82	20.99	20.84	22.0	1.0
40	64QAM	1	1	19.35	19.48	19.41	20.5	2.5
40	256QAM	1	1	17.45	17.36	17.32	18.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.70	21.66	21.71	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.72	21.68	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.63	21.72	21.76	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.71	21.73	21.67	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.73	21.67	21.76	23.0	0.0

n38 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.64	22.64	22.67	24.0	0.0
40	PI/2 BPSK	1	53	22.66	22.67	22.70		
40	PI/2 BPSK	1	104	22.65	22.71	22.62		
40	PI/2 BPSK	50	0	22.24	22.34	22.20	23.5	0.5
40	PI/2 BPSK	50	28	22.66	22.69	22.70	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.38	22.29	23.5	0.5
40	PI/2 BPSK	100	0	22.21	22.37	22.20		
40	QPSK	1	1	22.75	22.81	22.73	24.0	0.0
40	QPSK	1	53	22.73	22.76	22.63		
40	QPSK	1	104	22.74	22.70	22.65		
40	QPSK	50	0	21.72	21.89	21.75	23.0	1.0
40	QPSK	50	28	22.69	22.76	22.67	24.0	0.0
40	QPSK	50	56	21.74	21.81	21.78	23.0	1.0
40	QPSK	100	0	21.71	21.80	21.65		
40	16QAM	1	1	21.80	21.89	21.70	23.0	1.0
40	64QAM	1	1	20.33	20.39	20.23	21.5	2.5
40	256QAM	1	1	18.31	18.38	18.25	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.63	22.74	22.51	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.68	22.69	22.66	24.0	0.0

n41 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.77	22.83	22.67	24.0	0.0
100	PI/2 BPSK	1	137	22.77	22.76	22.75		
100	PI/2 BPSK	1	271	22.77	22.84	22.83		
100	PI/2 BPSK	135	0	22.24	22.32	22.30	23.5	0.5
100	PI/2 BPSK	135	69	22.76	22.82	22.76	24.0	0.0
100	PI/2 BPSK	135	138	22.37	22.49	22.41	23.5	0.5
100	PI/2 BPSK	270	0	22.29	22.34	22.38		
100	QPSK	1	1	22.82	22.90	22.85	24.0	0.0
100	QPSK	1	137	22.64	22.79	22.81		
100	QPSK	1	271	22.71	22.72	22.81		
100	QPSK	135	0	21.88	21.93	21.92	23.0	1.0
100	QPSK	135	69	22.74	22.89	22.68	24.0	0.0
100	QPSK	135	138	21.75	21.93	21.78	23.0	1.0
100	QPSK	270	0	21.78	21.96	21.77		
100	16QAM	1	1	21.86	21.85	21.89	23.0	1.0
100	64QAM	1	1	20.31	20.45	20.32	21.5	2.5
100	256QAM	1	1	18.35	18.41	18.38	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.75	22.67	22.69	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.59	22.68	22.71	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.73	22.76	22.66	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.70	22.83	22.72	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.64	22.79	22.74	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.66	22.78	22.69	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.67	22.74	22.75	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.71	22.73	24.0	0.0

Part27Q n78 Ant 5 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.99		24.0	0.0
100	PI/2 BPSK	1	137		22.97			
100	PI/2 BPSK	1	271		22.95			
100	PI/2 BPSK	135	0		22.59		23.5	0.5
100	PI/2 BPSK	135	69		23.00		24.0	0.0
100	PI/2 BPSK	135	138		22.69		23.5	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.10		24.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		23.09			
100	QPSK	135	0		22.13		23.0	1.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		22.06		23.0	1.0
100	QPSK	270	0		22.13			
100	16QAM	1	1		22.09		23.0	1.0
100	64QAM	1	1		20.58		21.5	2.5
100	256QAM	1	1		18.69		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.91	22.99	22.98	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.84	22.86	22.86	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.85	23.01	22.95	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.86	22.86	22.94	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.84	22.95	22.94	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.84	22.93	23.01	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.92	23.02	22.85	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.82	22.96	22.84	24.0	0.0

Part27Q n78 Ant 1 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.63		20.0	0.5
100	PI/2 BPSK	135	69		19.12		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		19.19		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.13		19.5	1.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		18.11		19.5	1.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		18.24		19.5	1.0
100	64QAM	1	1		16.65		18.0	2.5
100	256QAM	1	1		14.73		16.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.96	18.99	18.97	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.01	18.92	18.96	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.87	19.01	19.02	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.90	19.05	18.92	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.98	19.04	18.91	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.85	18.93	19.03	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.98	19.00	18.95	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.93	18.96	18.87	20.5	0.0

Part27Q n78 Ant 2 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.36		22.5	0.0
100	PI/2 BPSK	1	137		21.38			
100	PI/2 BPSK	1	271		21.36			
100	PI/2 BPSK	135	0		20.93		22.0	0.5
100	PI/2 BPSK	135	69		21.41		22.5	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.5
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.51		22.5	0.0
100	QPSK	1	137		21.34			
100	QPSK	1	271		21.42			
100	QPSK	135	0		20.59		21.5	1.0
100	QPSK	135	69		21.44		22.5	0.0
100	QPSK	135	138		20.42		21.5	1.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.45		21.5	1.0
100	64QAM	1	1		18.99		20.0	2.5
100	256QAM	1	1		17.03		18.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.44	21.48	21.39	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.29	21.36	21.31	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.34	21.38	21.25	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.32	21.34	21.36	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.33	21.41	21.28	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.35	21.35	21.34	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.34	21.37	21.30	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.38	21.37	21.34	22.5	0.0

Part27Q n78 Ant 8 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		17.59		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.14		18.5	1.0
100	QPSK	135	69		18.08		19.5	0.0
100	QPSK	135	138		17.11		18.5	1.0
100	QPSK	270	0		17.14			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.55		17.0	2.5
100	256QAM	1	1		13.59		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.93	17.98	17.91	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.97	17.93	17.92	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.94	17.79	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.91	17.93	17.81	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.84	18.00	17.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.92	18.03	17.92	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.87	18.03	17.94	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.91	17.80	19.5	0.0

Reduced Power Mode for DSI2

n2 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.44	23.46	23.41	24.0	0.0
20	PI/2 BPSK	1	53	23.48	23.54	23.38		
20	PI/2 BPSK	1	104	23.39	23.49	23.31		
20	PI/2 BPSK	50	0	23.00	23.02	22.86	23.5	0.5
20	PI/2 BPSK	50	28	23.46	23.52	23.36	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.07	22.90	23.5	0.5
20	PI/2 BPSK	100	0	22.84	22.96	22.84		
20	QPSK	1	1	23.54	23.63	23.45	24.0	0.0
20	QPSK	1	53	23.54	23.61	23.56		
20	QPSK	1	104	23.55	23.61	23.45		
20	QPSK	50	0	22.37	22.54	22.37	23.0	1.0
20	QPSK	50	28	23.33	23.51	23.38	24.0	0.0
20	QPSK	50	56	22.57	22.63	22.50	23.0	1.0
20	QPSK	100	0	22.47	22.48	22.43		
20	16QAM	1	1	22.11	22.25	22.11	23.0	1.0
20	64QAM	1	1	20.94	21.04	20.89	21.5	2.5
20	256QAM	1	1	18.78	18.91	18.86	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.34	23.48	23.23	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.31	23.47	23.29	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.30	23.53	23.21	24.0	0.0

n5 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.32	23.27	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.28	23.00		
20	PI/2 BPSK	1	104	23.08	23.33	23.07		
20	PI/2 BPSK	50	0	22.83	23.05	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.26	23.40	23.33	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.93	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.84	23.08	22.99		
20	QPSK	1	1	23.38	23.49	23.42	24.0	0.0
20	QPSK	1	53	23.15	23.35	23.23		
20	QPSK	1	104	23.19	23.39	23.28		
20	QPSK	50	0	22.34	22.47	22.45	23.0	1.0
20	QPSK	50	28	23.32	23.46	23.42	24.0	0.0
20	QPSK	50	56	22.39	22.45	22.44	23.0	1.0
20	QPSK	100	0	22.42	22.48	22.44		
20	16QAM	1	1	22.37	22.53	22.48	23.0	1.0
20	64QAM	1	1	20.90	20.98	20.93	21.5	2.5
20	256QAM	1	1	18.82	18.94	18.97	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.36	23.27	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	23.40	23.34	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.27	23.30	24.0	0.0

n26 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.34	23.36	23.39	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.45	23.29		
20	PI/2 BPSK	1	104	23.33	23.31	23.33		
20	PI/2 BPSK	50	0	22.95	23.04	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.34	23.44	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.06	23.03	23.5	0.5
20	PI/2 BPSK	100	0	22.95	23.07	23.04		
20	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
20	QPSK	1	53	23.32	23.41	23.38		
20	QPSK	1	104	23.44	23.49	23.28		
20	QPSK	50	0	22.54	22.46	22.50	23.0	1.0
20	QPSK	50	28	23.40	23.42	23.36	24.0	0.0
20	QPSK	50	56	22.45	22.52	22.46	23.0	1.0
20	QPSK	100	0	22.42	22.55	22.52		
20	16QAM	1	1	22.59	22.62	22.44	23.0	1.0
20	64QAM	1	1	20.97	21.12	21.06	21.5	2.5
20	256QAM	1	1	19.08	19.07	19.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.25	23.30	23.22	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.30	23.14	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.22	23.35	23.14	24.0	0.0

n66 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.36	23.46	23.47	24.0	0.0
40	PI/2 BPSK	1	108	23.35	23.44	23.47		
40	PI/2 BPSK	1	214	23.51	23.40	23.48		
40	PI/2 BPSK	108	0	23.16	23.04	23.13	23.5	0.5
40	PI/2 BPSK	108	54	23.37	23.44	23.43	24.0	0.0
40	PI/2 BPSK	108	108	23.05	23.21	22.97	23.5	0.5
40	PI/2 BPSK	216	0	23.16	23.11	23.02		
40	QPSK	1	1	23.58	23.62	23.55	24.0	0.0
40	QPSK	1	108	23.35	23.46	23.42		
40	QPSK	1	214	23.47	23.49	23.47		
40	QPSK	108	0	22.50	22.56	22.52	23.0	1.0
40	QPSK	108	54	23.45	23.51	23.43	24.0	0.0
40	QPSK	108	108	22.63	22.63	22.50	23.0	1.0
40	QPSK	216	0	22.61	22.62	22.58		
40	16QAM	1	1	22.60	22.68	22.48	23.0	1.0
40	64QAM	1	1	21.15	21.19	21.04	21.5	2.5
40	256QAM	1	1	19.13	19.07	19.11	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.38	23.44	23.34	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.32	23.48	23.43	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.40	23.49	23.37	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.42	23.44	23.44	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.46	23.35	23.40	24.0	0.0

n7 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.26	23.22	23.14	24.0	0.0
40	PI/2 BPSK	1	108	23.12	23.24	23.07		
40	PI/2 BPSK	1	214	23.17	23.17	23.25		
40	PI/2 BPSK	108	0	22.91	22.94	22.89	23.5	0.5
40	PI/2 BPSK	108	54	23.24	23.26	23.11	24.0	0.0
40	PI/2 BPSK	108	108	22.78	22.97	22.85	23.5	0.5
40	PI/2 BPSK	216	0	22.92	22.94	22.84		
40	QPSK	1	1	23.33	23.38	23.31	24.0	0.0
40	QPSK	1	108	23.17	23.20	23.18		
40	QPSK	1	214	23.18	23.19	23.24		
40	QPSK	108	0	22.27	22.40	22.28	23.0	1.0
40	QPSK	108	54	23.10	23.27	23.11	24.0	0.0
40	QPSK	108	108	22.25	22.32	22.28	23.0	1.0
40	QPSK	216	0	22.30	22.46	22.26		
40	16QAM	1	1	22.41	22.33	22.39	23.0	1.0
40	64QAM	1	1	20.84	20.83	20.88	21.5	2.5
40	256QAM	1	1	18.86	18.80	18.77	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.16	23.11	23.11	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.14	23.14	23.12	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.12	23.18	23.14	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.06	23.26	23.11	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.21	23.18	23.20	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.09	23.11	23.06	24.0	0.0

n2 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.15	16.28	16.18	17.2	0.0
20	PI/2 BPSK	1	53	16.13	16.19	16.11		
20	PI/2 BPSK	1	104	16.14	16.20	16.22		
20	PI/2 BPSK	50	0	16.17	16.29	16.17	17.2	0.0
20	PI/2 BPSK	50	28	16.23	16.20	16.19	17.2	0.0
20	PI/2 BPSK	50	56	16.22	16.28	16.15	17.2	0.0
20	PI/2 BPSK	100	0	16.16	16.28	16.21		
20	QPSK	1	1	16.30	16.35	16.28	17.2	0.0
20	QPSK	1	53	16.16	16.20	16.19		
20	QPSK	1	104	16.21	16.21	16.13		
20	QPSK	50	0	16.13	16.29	16.13	17.2	0.0
20	QPSK	50	28	16.28	16.33	16.25	17.2	0.0
20	QPSK	50	56	16.13	16.25	16.21	17.2	0.0
20	QPSK	100	0	16.24	16.28	16.26		
20	16QAM	1	1	16.17	16.27	16.20	17.2	0.0
20	64QAM	1	1	16.17	16.20	16.16	17.2	0.0
20	256QAM	1	1	16.18	16.21	16.12	17.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.17	16.25	16.22	17.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.16	16.27	16.20	17.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.21	16.20	16.13	17.2	0.0

n5 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.85	22.06	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.80	21.91	22.06		
20	PI/2 BPSK	1	104	21.99	21.98	21.98		
20	PI/2 BPSK	50	0	21.49	21.58	21.64	22.5	0.5
20	PI/2 BPSK	50	28	21.90	21.92	21.83	23.0	0.0
20	PI/2 BPSK	50	56	21.58	21.58	21.65	22.5	0.5
20	PI/2 BPSK	100	0	21.59	21.56	21.72		
20	QPSK	1	1	22.05	22.11	22.10	23.0	0.0
20	QPSK	1	53	21.85	21.98	21.88		
20	QPSK	1	104	21.87	21.97	21.89		
20	QPSK	50	0	21.19	21.12	21.16	22.0	1.0
20	QPSK	50	28	21.97	22.05	21.89	23.0	0.0
20	QPSK	50	56	21.17	21.22	21.12	22.0	1.0
20	QPSK	100	0	21.10	21.17	21.08		
20	16QAM	1	1	21.16	21.07	21.05	22.0	1.0
20	64QAM	1	1	19.58	19.70	19.51	20.5	2.5
20	256QAM	1	1	17.59	17.61	17.64	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	21.99	21.74	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.76	21.99	21.75	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.79	21.99	21.77	23.0	0.0

n7 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.96	17.08	16.96	18.1	0.0
40	PI/2 BPSK	1	108	16.97	17.00	16.92		
40	PI/2 BPSK	1	214	16.95	17.08	17.00		
40	PI/2 BPSK	108	0	17.04	17.09	16.95	18.1	0.0
40	PI/2 BPSK	108	54	16.98	17.06	16.97	18.1	0.0
40	PI/2 BPSK	108	108	16.95	17.00	16.93	18.1	0.0
40	PI/2 BPSK	216	0	17.04	17.07	16.99		
40	QPSK	1	1	17.08	17.13	17.06	18.1	0.0
40	QPSK	1	108	17.03	17.02	17.03		
40	QPSK	1	214	17.01	16.99	17.02		
40	QPSK	108	0	16.99	17.02	17.02	18.1	0.0
40	QPSK	108	54	17.03	17.10	17.05	18.1	0.0
40	QPSK	108	108	16.96	16.99	17.02	18.1	0.0
40	QPSK	216	0	16.98	17.03	16.95		
40	16QAM	1	1	16.98	16.98	16.99	18.1	0.0
40	64QAM	1	1	17.04	16.99	16.98	18.1	0.0
40	256QAM	1	1	17.00	17.04	16.97	18.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.94	17.06	16.95	18.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.93	17.01	17.01	18.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.99	17.06	16.92	18.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.98	17.05	16.93	18.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.99	17.00	16.95	18.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.96	17.09	17.03	18.1	0.0

n26 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	21.79	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.80	21.77		
20	PI/2 BPSK	1	104	21.79	21.91	21.83		
20	PI/2 BPSK	50	0	21.34	21.46	21.45	22.5	0.5
20	PI/2 BPSK	50	28	21.81	21.90	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.45	21.39	22.5	0.5
20	PI/2 BPSK	100	0	21.45	21.50	21.38		
20	QPSK	1	1	21.92	22.01	21.95	23.0	0.0
20	QPSK	1	53	21.77	21.85	21.78		
20	QPSK	1	104	21.77	21.83	21.85		
20	QPSK	50	0	20.98	20.96	20.95	22.0	1.0
20	QPSK	50	28	21.79	21.95	21.83	23.0	0.0
20	QPSK	50	56	20.95	21.02	20.90	22.0	1.0
20	QPSK	100	0	20.90	20.94	20.88		
20	16QAM	1	1	21.00	20.95	21.04	22.0	1.0
20	64QAM	1	1	19.37	19.45	19.53	20.5	2.5
20	256QAM	1	1	17.34	17.44	17.48	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.70	21.86	21.72	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.66	21.73	21.83	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.67	21.72	21.72	23.0	0.0

n66 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.40	19.50	19.46	20.4	0.0
40	PI/2 BPSK	1	108	19.45	19.44	19.41		
40	PI/2 BPSK	1	214	19.41	19.48	19.49		
40	PI/2 BPSK	108	0	19.48	19.43	19.49	20.4	0.0
40	PI/2 BPSK	108	54	19.40	19.46	19.45	20.4	0.0
40	PI/2 BPSK	108	108	19.39	19.47	19.44	20.4	0.0
40	PI/2 BPSK	216	0	19.47	19.53	19.49		
40	QPSK	1	1	19.55	19.60	19.57	20.4	0.0
40	QPSK	1	108	19.48	19.53	19.41		
40	QPSK	1	214	19.46	19.53	19.46		
40	QPSK	108	0	19.45	19.51	19.42	20.4	0.0
40	QPSK	108	54	19.50	19.56	19.52	20.4	0.0
40	QPSK	108	108	19.40	19.42	19.49	20.4	0.0
40	QPSK	216	0	19.45	19.50	19.46		
40	16QAM	1	1	19.42	19.54	19.44	20.4	0.0
40	64QAM	1	1	19.42	19.53	19.48	20.4	0.0
40	256QAM	1	1	17.67	17.71	17.70	18.5	1.9
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.45	19.46	19.43	20.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.44	19.44	19.41	20.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.38	19.48	19.45	20.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.43	19.53	19.42	20.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.48	19.44	19.51	20.4	0.0

n38 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.68	16.63	17.9	0.0
40	PI/2 BPSK	1	53	16.64	16.72	16.57		
40	PI/2 BPSK	1	104	16.62	16.70	16.54		
40	PI/2 BPSK	50	0	16.55	16.66	16.59	17.9	0.0
40	PI/2 BPSK	50	28	16.63	16.62	16.64	17.9	0.0
40	PI/2 BPSK	50	56	16.66	16.64	16.58	17.9	0.0
40	PI/2 BPSK	100	0	16.61	16.67	16.67		
40	QPSK	1	1	16.72	16.86	16.73	17.9	0.0
40	QPSK	1	53	16.56	16.70	16.66		
40	QPSK	1	104	16.63	16.63	16.62		
40	QPSK	50	0	16.57	16.63	16.57	17.9	0.0
40	QPSK	50	28	16.57	16.76	16.72	17.9	0.0
40	QPSK	50	56	16.63	16.67	16.53	17.9	0.0
40	QPSK	100	0	16.64	16.73	16.60		
40	16QAM	1	1	16.58	16.61	16.60	17.9	0.0
40	64QAM	1	1	16.56	16.67	16.71	17.9	0.0
40	256QAM	1	1	16.64	16.71	16.61	17.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.61	16.76	16.66	17.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.61	16.86	16.68	17.9	0.0

n41 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.72	16.78	16.73	17.9	0.0
100	PI/2 BPSK	1	137	16.78	16.86	16.73		
100	PI/2 BPSK	1	271	16.78	16.82	16.72		
100	PI/2 BPSK	135	0	16.68	16.83	16.76	17.9	0.0
100	PI/2 BPSK	135	69	16.79	16.75	16.80	17.9	0.0
100	PI/2 BPSK	135	138	16.78	16.84	16.72	17.9	0.0
100	PI/2 BPSK	270	0	16.75	16.76	16.78		
100	QPSK	1	1	16.89	16.95	16.92	17.9	0.0
100	QPSK	1	137	16.69	16.85	16.77		
100	QPSK	1	271	16.74	16.80	16.76		
100	QPSK	135	0	16.71	16.74	16.75	17.9	0.0
100	QPSK	135	69	16.75	16.91	16.81	17.9	0.0
100	QPSK	135	138	16.73	16.84	16.72	17.9	0.0
100	QPSK	270	0	16.74	16.89	16.78		
100	16QAM	1	1	16.75	16.80	16.79	17.9	0.0
100	64QAM	1	1	16.72	16.76	16.83	17.9	0.0
100	256QAM	1	1	16.80	16.80	16.80	17.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.69	16.84	16.83	17.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.79	16.81	16.76	17.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.73	16.84	16.82	17.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.72	16.83	16.72	17.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.78	16.74	16.76	17.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.71	16.76	16.80	17.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.78	16.77	16.74	17.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.80	16.77	16.75	17.9	0.0

Part27Q n78 Ant 5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.17		17.6	0.0
100	PI/2 BPSK	1	137		16.19			
100	PI/2 BPSK	1	271		16.09			
100	PI/2 BPSK	135	0		16.12		17.6	0.0
100	PI/2 BPSK	135	69		16.10		17.6	0.0
100	PI/2 BPSK	135	138		16.10		17.6	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.23		17.6	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.16			
100	QPSK	135	0		16.09		17.6	0.0
100	QPSK	135	69		16.19		17.6	0.0
100	QPSK	135	138		16.13		17.6	0.0
100	QPSK	270	0		16.18			
100	16QAM	1	1		16.17		17.6	0.0
100	64QAM	1	1		16.16		17.6	0.0
100	256QAM	1	1		16.13		17.6	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.10	16.16	16.13	17.6	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.07	16.06	15.98	17.6	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.95	16.05	16.04	17.6	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.97	16.11	16.02	17.6	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.98	16.03	16.07	17.6	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.04	16.08	16.03	17.6	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.05	16.06	16.02	17.6	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.05	16.09	16.08	17.6	0.0

Part27Q n78 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.63		20.0	0.5
100	PI/2 BPSK	135	69		19.12		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		19.19		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.13		19.5	1.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		18.11		19.5	1.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		18.24		19.5	1.0
100	64QAM	1	1		16.65		18.0	2.5
100	256QAM	1	1		14.73		16.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.96	18.99	18.97	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.01	18.92	18.96	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.87	19.01	19.02	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.90	19.05	18.92	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.98	19.04	18.91	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.85	18.93	19.03	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.98	19.00	18.95	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.93	18.96	18.87	20.5	0.0

Part27Q n78 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.00		22.5	0.0
100	PI/2 BPSK	1	137		21.02			
100	PI/2 BPSK	1	271		21.00			
100	PI/2 BPSK	135	0		20.57		22.0	0.5
100	PI/2 BPSK	135	69		21.05		22.5	0.0
100	PI/2 BPSK	135	138		20.51		22.0	0.5
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		21.15		22.5	0.0
100	QPSK	1	137		20.98			
100	QPSK	1	271		21.06			
100	QPSK	135	0		20.23		21.5	1.0
100	QPSK	135	69		21.08		22.5	0.0
100	QPSK	135	138		20.06		21.5	1.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.09		21.5	1.0
100	64QAM	1	1		18.63		20.0	2.5
100	256QAM	1	1		16.67		18.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.08	21.00	21.05	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.10	20.90	21.00	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.08	20.91	21.03	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.03	20.88	21.08	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.02	20.93	21.07	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.96	21.01	21.07	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.94	20.89	20.96	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.04	20.91	20.99	22.5	0.0

Part27Q n78 Ant 8 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		17.59		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.14		18.5	1.0
100	QPSK	135	69		18.08		19.5	0.0
100	QPSK	135	138		17.11		18.5	1.0
100	QPSK	270	0		17.14			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.55		17.0	2.5
100	256QAM	1	1		13.59		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.93	17.98	17.91	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.97	17.93	17.92	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.94	17.79	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.91	17.93	17.81	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.84	18.00	17.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.92	18.03	17.92	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.87	18.03	17.94	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.91	17.80	19.5	0.0

Reduced Power Mode for DSI3

n2 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.24	19.26	19.22	20.4	0.0
20	PI/2 BPSK	1	53	19.12	19.20	19.25		
20	PI/2 BPSK	1	104	19.23	19.22	19.19		
20	PI/2 BPSK	50	0	19.14	19.21	19.22	20.4	0.0
20	PI/2 BPSK	50	28	19.13	19.27	19.25	20.4	0.0
20	PI/2 BPSK	50	56	19.23	19.21	19.22	20.4	0.0
20	PI/2 BPSK	100	0	19.16	19.24	19.21		
20	QPSK	1	1	19.28	19.35	19.31	20.4	0.0
20	QPSK	1	53	19.18	19.25	19.24		
20	QPSK	1	104	19.13	19.23	19.19		
20	QPSK	50	0	19.13	19.25	19.20	20.4	0.0
20	QPSK	50	28	19.27	19.30	19.25	20.4	0.0
20	QPSK	50	56	19.13	19.27	19.25	20.4	0.0
20	QPSK	100	0	19.12	19.27	19.21		
20	16QAM	1	1	19.18	19.20	19.25	20.4	0.0
20	64QAM	1	1	19.22	19.25	19.23	20.4	0.0
20	256QAM	1	1	18.43	18.50	18.39	19.5	0.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.13	19.23	19.15	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.16	19.19	19.22	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.18	19.25	19.20	20.4	0.0

n5 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.32	23.27	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.28	23.00		
20	PI/2 BPSK	1	104	23.08	23.33	23.07		
20	PI/2 BPSK	50	0	22.83	23.05	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.26	23.40	23.33	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.93	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.84	23.08	22.99		
20	QPSK	1	1	23.38	23.49	23.42	24.0	0.0
20	QPSK	1	53	23.15	23.35	23.23		
20	QPSK	1	104	23.19	23.39	23.28		
20	QPSK	50	0	22.34	22.47	22.45	23.0	1.0
20	QPSK	50	28	23.32	23.46	23.42	24.0	0.0
20	QPSK	50	56	22.39	22.45	22.44	23.0	1.0
20	QPSK	100	0	22.42	22.48	22.44		
20	16QAM	1	1	22.37	22.53	22.48	23.0	1.0
20	64QAM	1	1	20.90	20.98	20.93	21.5	2.5
20	256QAM	1	1	18.82	18.94	18.97	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.36	23.27	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	23.40	23.34	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.27	23.30	24.0	0.0

n26 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.34	23.36	23.39	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.45	23.29		
20	PI/2 BPSK	1	104	23.33	23.31	23.33		
20	PI/2 BPSK	50	0	22.95	23.04	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.34	23.44	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.06	23.03	23.5	0.5
20	PI/2 BPSK	100	0	22.95	23.07	23.04		
20	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
20	QPSK	1	53	23.32	23.41	23.38		
20	QPSK	1	104	23.44	23.49	23.28		
20	QPSK	50	0	22.54	22.46	22.50	23.0	1.0
20	QPSK	50	28	23.40	23.42	23.36	24.0	0.0
20	QPSK	50	56	22.45	22.52	22.46	23.0	1.0
20	QPSK	100	0	22.42	22.55	22.52		
20	16QAM	1	1	22.59	22.62	22.44	23.0	1.0
20	64QAM	1	1	20.97	21.12	21.06	21.5	2.5
20	256QAM	1	1	19.08	19.07	19.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.25	23.30	23.22	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.30	23.14	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.22	23.35	23.14	24.0	0.0

n66 Ant 0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.27	17.24	17.20	18.6	0.0
40	PI/2 BPSK	1	108	17.18	17.30	17.20		
40	PI/2 BPSK	1	214	17.23	17.26	17.20		
40	PI/2 BPSK	108	0	17.24	17.26	17.25	18.6	0.0
40	PI/2 BPSK	108	54	17.27	17.23	17.19	18.6	0.0
40	PI/2 BPSK	108	108	17.28	17.32	17.22	18.6	0.0
40	PI/2 BPSK	216	0	17.23	17.24	17.22		
40	QPSK	1	1	17.32	17.37	17.30	18.6	0.0
40	QPSK	1	108	17.22	17.24	17.22		
40	QPSK	1	214	17.20	17.24	17.24		
40	QPSK	108	0	17.20	17.28	17.15	18.6	0.0
40	QPSK	108	54	17.17	17.32	17.23	18.6	0.0
40	QPSK	108	108	17.28	17.22	17.15	18.6	0.0
40	QPSK	216	0	17.22	17.30	17.21		
40	16QAM	1	1	17.24	17.21	17.21	18.6	0.0
40	64QAM	1	1	17.24	17.25	17.27	18.6	0.0
40	256QAM	1	1	17.21	17.23	17.18	18.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.06	17.17	17.12	18.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.03	17.19	17.15	18.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.07	17.18	17.10	18.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.07	17.17	17.15	18.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.11	17.20	17.14	18.6	0.0

n7 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.63	16.57	16.56	17.9	0.0
40	PI/2 BPSK	1	108	16.63	16.58	16.54		
40	PI/2 BPSK	1	214	16.53	16.58	16.58		
40	PI/2 BPSK	108	0	16.60	16.61	16.56	17.9	0.0
40	PI/2 BPSK	108	54	16.64	16.66	16.52	17.9	0.0
40	PI/2 BPSK	108	108	16.61	16.57	16.62	17.9	0.0
40	PI/2 BPSK	216	0	16.56	16.58	16.55		
40	QPSK	1	1	16.71	16.75	16.69	17.9	0.0
40	QPSK	1	108	16.59	16.63	16.61		
40	QPSK	1	214	16.57	16.57	16.59		
40	QPSK	108	0	16.59	16.63	16.59	16.9	1.0
40	QPSK	108	54	16.66	16.72	16.68	17.9	0.0
40	QPSK	108	108	16.57	16.65	16.58	16.9	1.0
40	QPSK	216	0	16.62	16.68	16.65		
40	16QAM	1	1	16.63	16.59	16.56	17.9	0.0
40	64QAM	1	1	16.64	16.65	16.61	17.9	0.0
40	256QAM	1	1	16.56	16.63	16.53	17.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.55	16.68	16.61	17.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.60	16.59	16.53	17.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.54	16.61	16.56	17.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.54	16.68	16.51	17.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.54	16.64	16.59	17.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.64	16.61	16.52	17.9	0.0

n2 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.29	16.33	16.26	17.5	0.0
20	PI/2 BPSK	1	53	16.36	16.37	16.26		
20	PI/2 BPSK	1	104	16.29	16.32	16.26		
20	PI/2 BPSK	50	0	16.38	16.41	16.26	17.5	0.0
20	PI/2 BPSK	50	28	16.29	16.34	16.32	17.5	0.0
20	PI/2 BPSK	50	56	16.30	16.40	16.25	17.5	0.0
20	PI/2 BPSK	100	0	16.33	16.37	16.25		
20	QPSK	1	1	16.45	16.48	16.42	17.5	0.0
20	QPSK	1	53	16.39	16.37	16.34		
20	QPSK	1	104	16.31	16.37	16.32		
20	QPSK	50	0	16.29	16.38	16.36	17.5	0.0
20	QPSK	50	28	16.36	16.47	16.36	17.5	0.0
20	QPSK	50	56	16.34	16.31	16.24	17.5	0.0
20	QPSK	100	0	16.34	16.39	16.36		
20	16QAM	1	1	16.29	16.36	16.26	17.5	0.0
20	64QAM	1	1	16.31	16.39	16.30	17.5	0.0
20	256QAM	1	1	16.28	16.38	16.31	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.31	16.34	16.34	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.33	16.37	16.28	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.31	16.42	16.27	17.5	0.0

n5 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.85	22.06	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.80	21.91	22.06		
20	PI/2 BPSK	1	104	21.99	21.98	21.98		
20	PI/2 BPSK	50	0	21.49	21.58	21.64	22.5	0.5
20	PI/2 BPSK	50	28	21.90	21.92	21.83	23.0	0.0
20	PI/2 BPSK	50	56	21.58	21.58	21.65	22.5	0.5
20	PI/2 BPSK	100	0	21.59	21.56	21.72		
20	QPSK	1	1	22.05	22.11	22.10	23.0	0.0
20	QPSK	1	53	21.85	21.98	21.88		
20	QPSK	1	104	21.87	21.97	21.89		
20	QPSK	50	0	21.19	21.12	21.16	22.0	1.0
20	QPSK	50	28	21.97	22.05	21.89	23.0	0.0
20	QPSK	50	56	21.17	21.22	21.12	22.0	1.0
20	QPSK	100	0	21.10	21.17	21.08		
20	16QAM	1	1	21.16	21.07	21.05	22.0	1.0
20	64QAM	1	1	19.58	19.70	19.51	20.5	2.5
20	256QAM	1	1	17.59	17.61	17.64	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	21.99	21.74	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.76	21.99	21.75	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.79	21.99	21.77	23.0	0.0

n7 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	13.48	13.54	13.43	14.7	0.0
40	PI/2 BPSK	1	108	13.37	13.46	13.49		
40	PI/2 BPSK	1	214	13.42	13.51	13.44		
40	PI/2 BPSK	108	0	13.40	13.47	13.42	14.7	0.0
40	PI/2 BPSK	108	54	13.43	13.52	13.44	14.7	0.0
40	PI/2 BPSK	108	108	13.41	13.46	13.47	14.7	0.0
40	PI/2 BPSK	216	0	13.45	13.46	13.49		
40	QPSK	1	1	13.58	13.65	13.60	14.7	0.0
40	QPSK	1	108	13.38	13.46	13.45		
40	QPSK	1	214	13.41	13.48	13.40		
40	QPSK	108	0	13.41	13.54	13.46	14.7	0.0
40	QPSK	108	54	13.57	13.60	13.50	14.7	0.0
40	QPSK	108	108	13.38	13.55	13.45	14.7	0.0
40	QPSK	216	0	13.51	13.57	13.51		
40	16QAM	1	1	13.47	13.52	13.48	14.7	0.0
40	64QAM	1	1	13.40	13.52	13.45	14.7	0.0
40	256QAM	1	1	13.38	13.48	13.44	14.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.28	13.38	13.35	14.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.27	13.34	13.38	14.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.32	13.30	13.37	14.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.31	13.31	13.44	14.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.23	13.37	13.43	14.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.31	13.40	13.44	14.7	0.0

n26 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	21.79	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.80	21.77		
20	PI/2 BPSK	1	104	21.79	21.91	21.83		
20	PI/2 BPSK	50	0	21.34	21.46	21.45	22.5	0.5
20	PI/2 BPSK	50	28	21.81	21.90	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.45	21.39	22.5	0.5
20	PI/2 BPSK	100	0	21.45	21.50	21.38		
20	QPSK	1	1	21.92	22.01	21.95	23.0	0.0
20	QPSK	1	53	21.77	21.85	21.78		
20	QPSK	1	104	21.77	21.83	21.85		
20	QPSK	50	0	20.98	20.96	20.95	22.0	1.0
20	QPSK	50	28	21.79	21.95	21.83	23.0	0.0
20	QPSK	50	56	20.95	21.02	20.90	22.0	1.0
20	QPSK	100	0	20.90	20.94	20.88		
20	16QAM	1	1	21.00	20.95	21.04	22.0	1.0
20	64QAM	1	1	19.37	19.45	19.53	20.5	2.5
20	256QAM	1	1	17.34	17.44	17.48	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.70	21.86	21.72	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.66	21.73	21.83	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.67	21.72	21.72	23.0	0.0

n66 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.94	19.92	19.91	21.0	0.0
40	PI/2 BPSK	1	108	19.96	19.98	19.84		
40	PI/2 BPSK	1	214	19.89	20.00	19.92		
40	PI/2 BPSK	108	0	19.97	19.95	19.86	21.0	0.0
40	PI/2 BPSK	108	54	19.98	19.91	19.96	21.0	0.0
40	PI/2 BPSK	108	108	19.91	19.98	19.86	21.0	0.0
40	PI/2 BPSK	216	0	19.94	19.94	19.87		
40	QPSK	1	1	20.02	20.05	19.99	21.0	0.0
40	QPSK	1	108	19.91	19.96	19.89		
40	QPSK	1	214	19.94	19.92	19.91		
40	QPSK	108	0	19.98	19.97	19.87	21.0	0.0
40	QPSK	108	54	19.98	20.01	19.95	21.0	0.0
40	QPSK	108	108	19.92	19.96	19.93	21.0	0.0
40	QPSK	216	0	19.95	19.98	19.93		
40	16QAM	1	1	19.94	19.93	19.87	21.0	0.0
40	64QAM	1	1	19.52	19.50	19.48	20.5	0.5
40	256QAM	1	1	17.49	17.59	17.50	18.5	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.93	20.02	19.96	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.93	20.01	19.95	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.94	19.95	19.92	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.93	20.02	19.89	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.89	19.98	19.86	21.0	0.0

n38 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.75	14.75	14.65	16.1	0.0
40	PI/2 BPSK	1	53	14.69	14.75	14.64		
40	PI/2 BPSK	1	104	14.70	14.73	14.72		
40	PI/2 BPSK	50	0	14.73	14.73	14.64	16.1	0.0
40	PI/2 BPSK	50	28	14.74	14.76	14.65	16.1	0.0
40	PI/2 BPSK	50	56	14.72	14.75	14.68	16.1	0.0
40	PI/2 BPSK	100	0	14.69	14.65	14.78		
40	QPSK	1	1	14.92	14.96	14.88	16.1	0.0
40	QPSK	1	53	14.73	14.75	14.66		
40	QPSK	1	104	14.65	14.69	14.72		
40	QPSK	50	0	14.71	14.77	14.68	16.1	0.0
40	QPSK	50	28	14.90	14.94	14.80	16.1	0.0
40	QPSK	50	56	14.60	14.69	14.66	16.1	0.0
40	QPSK	100	0	14.82	14.88	14.76		
40	16QAM	1	1	14.65	14.73	14.71	16.1	0.0
40	64QAM	1	1	14.70	14.83	14.66	16.1	0.0
40	256QAM	1	1	14.76	14.73	14.71	16.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.88	14.86	14.80	16.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.88	14.89	14.77	16.1	0.0

n41 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.77	14.84	14.71	16.1	0.0
100	PI/2 BPSK	1	137	14.74	14.80	14.70		
100	PI/2 BPSK	1	271	14.75	14.75	14.79		
100	PI/2 BPSK	135	0	14.77	14.75	14.69	16.1	0.0
100	PI/2 BPSK	135	69	14.76	14.80	14.76	16.1	0.0
100	PI/2 BPSK	135	138	14.80	14.86	14.71	16.1	0.0
100	PI/2 BPSK	270	0	14.75	14.74	14.80		
100	QPSK	1	1	14.98	15.00	14.92	16.1	0.0
100	QPSK	1	137	14.80	14.76	14.77		
100	QPSK	1	271	14.76	14.80	14.79		
100	QPSK	135	0	14.82	14.78	14.79	16.1	0.0
100	QPSK	135	69	14.92	14.95	14.90	16.1	0.0
100	QPSK	135	138	14.71	14.81	14.77	16.1	0.0
100	QPSK	270	0	14.90	14.91	14.83		
100	16QAM	1	1	14.75	14.76	14.71	16.1	0.0
100	64QAM	1	1	14.78	14.86	14.74	16.1	0.0
100	256QAM	1	1	14.81	14.83	14.80	16.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.75	14.76	14.79	16.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.77	14.83	14.80	16.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.72	14.82	14.78	16.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.82	14.84	14.79	16.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.78	14.77	14.73	16.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.72	14.83	14.71	16.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.76	14.74	14.76	16.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.73	14.86	14.71	16.1	0.0

Part27Q n78 Ant 5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.08		18.4	0.0
100	PI/2 BPSK	1	137		16.99			
100	PI/2 BPSK	1	271		17.04			
100	PI/2 BPSK	135	0		16.99		18.4	0.0
100	PI/2 BPSK	135	69		17.04		18.4	0.0
100	PI/2 BPSK	135	138		17.00		18.4	0.0
100	PI/2 BPSK	270	0		17.01			
100	QPSK	1	1		17.20		18.4	0.0
100	QPSK	1	137		17.00			
100	QPSK	1	271		16.99			
100	QPSK	135	0		17.10		18.4	0.0
100	QPSK	135	69		17.15		18.4	0.0
100	QPSK	135	138		17.04		18.4	0.0
100	QPSK	270	0		17.10			
100	16QAM	1	1		17.01		18.4	0.0
100	64QAM	1	1		17.09		18.4	0.0
100	256QAM	1	1		17.04		18.4	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.07	17.03	16.99	18.4	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.05	16.92	16.89	18.4	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.01	16.96	16.89	18.4	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.02	16.96	16.98	18.4	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.08	17.01	16.97	18.4	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.05	17.03	16.95	18.4	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.02	17.01	16.93	18.4	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.06	16.97	16.92	18.4	0.0

Part27Q n78 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.63		20.0	0.5
100	PI/2 BPSK	135	69		19.12		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		19.19		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.13		19.5	1.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		18.11		19.5	1.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		18.24		19.5	1.0
100	64QAM	1	1		16.65		18.0	2.5
100	256QAM	1	1		14.73		16.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.96	18.99	18.97	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.01	18.92	18.96	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.87	19.01	19.02	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.90	19.05	18.92	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.98	19.04	18.91	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.85	18.93	19.03	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.98	19.00	18.95	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.93	18.96	18.87	20.5	0.0

Part27Q n78 Ant 2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.22		19.6	0.0
100	PI/2 BPSK	1	137		18.23			
100	PI/2 BPSK	1	271		18.17			
100	PI/2 BPSK	135	0		18.15		19.6	0.0
100	PI/2 BPSK	135	69		18.18		19.6	0.0
100	PI/2 BPSK	135	138		18.12		19.6	0.0
100	PI/2 BPSK	270	0		18.22			
100	QPSK	1	1		18.25		19.6	0.0
100	QPSK	1	137		18.14			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.16		19.6	0.0
100	QPSK	135	69		18.19		19.6	0.0
100	QPSK	135	138		18.12		19.6	0.0
100	QPSK	270	0		18.13			
100	16QAM	1	1		18.17		19.6	0.0
100	64QAM	1	1		18.12		19.6	0.0
100	256QAM	1	1		16.67		18.0	1.6
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.02	17.94	17.95	19.6	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.97	17.92	17.98	19.6	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.02	17.86	17.93	19.6	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.97	17.92	17.97	19.6	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.95	17.85	17.91	19.6	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.96	17.89	17.91	19.6	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.04	17.84	18.00	19.6	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.94	17.85	17.98	19.6	0.0

Part27Q n78 Ant 8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		17.59		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.14		18.5	1.0
100	QPSK	135	69		18.08		19.5	0.0
100	QPSK	135	138		17.11		18.5	1.0
100	QPSK	270	0		17.14			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.55		17.0	2.5
100	256QAM	1	1		13.59		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.93	17.98	17.91	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.97	17.93	17.92	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.94	17.79	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.91	17.93	17.81	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.84	18.00	17.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.92	18.03	17.92	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.87	18.03	17.94	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.91	17.80	19.5	0.0

Reduced Power Mode for DSI6

n2 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.22	20.32	20.27	21.6	0.0
20	PI/2 BPSK	1	53	20.28	20.35	20.25		
20	PI/2 BPSK	1	104	20.19	20.32	20.31		
20	PI/2 BPSK	50	0	20.20	20.31	20.31	21.6	0.0
20	PI/2 BPSK	50	28	20.21	20.28	20.28	21.6	0.0
20	PI/2 BPSK	50	56	20.17	20.35	20.29		
20	PI/2 BPSK	100	0	20.18	20.31	20.27	21.6	0.0
20	QPSK	1	1	20.32	20.40	20.35	21.6	0.0
20	QPSK	1	53	20.21	20.31	20.28		
20	QPSK	1	104	20.28	20.26	20.26		
20	QPSK	50	0	20.17	20.31	20.20	21.6	0.0
20	QPSK	50	28	20.36	20.38	20.32	21.6	0.0
20	QPSK	50	56	20.25	20.27	20.30		
20	QPSK	100	0	20.19	20.30	20.27	21.6	0.0
20	16QAM	1	1	20.18	20.24	20.31	21.6	0.0
20	64QAM	1	1	20.16	20.25	20.17	21.5	0.1
20	256QAM	1	1	18.26	18.26	18.26	19.5	2.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.26	20.27	20.25	21.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.25	20.36	20.20	21.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.25	20.26	20.23	21.6	0.0

n5 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.32	23.27	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.28	23.00		
20	PI/2 BPSK	1	104	23.08	23.33	23.07		
20	PI/2 BPSK	50	0	22.83	23.05	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.26	23.40	23.33	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.93	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.84	23.08	22.99		
20	QPSK	1	1	23.38	23.49	23.42	24.0	0.0
20	QPSK	1	53	23.15	23.35	23.23		
20	QPSK	1	104	23.19	23.39	23.28		
20	QPSK	50	0	22.34	22.47	22.45	23.0	1.0
20	QPSK	50	28	23.32	23.46	23.42	24.0	0.0
20	QPSK	50	56	22.39	22.45	22.44	23.0	1.0
20	QPSK	100	0	22.42	22.48	22.44		
20	16QAM	1	1	22.37	22.53	22.48	23.0	1.0
20	64QAM	1	1	20.90	20.98	20.93	21.5	2.5
20	256QAM	1	1	18.82	18.94	18.97	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.36	23.27	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	23.40	23.34	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.27	23.30	24.0	0.0

n26 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.34	23.36	23.39	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.45	23.29		
20	PI/2 BPSK	1	104	23.33	23.31	23.33		
20	PI/2 BPSK	50	0	22.95	23.04	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.34	23.44	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.06	23.03	23.5	0.5
20	PI/2 BPSK	100	0	22.95	23.07	23.04		
20	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
20	QPSK	1	53	23.32	23.41	23.38		
20	QPSK	1	104	23.44	23.49	23.28		
20	QPSK	50	0	22.54	22.46	22.50	23.0	1.0
20	QPSK	50	28	23.40	23.42	23.36	24.0	0.0
20	QPSK	50	56	22.45	22.52	22.46	23.0	1.0
20	QPSK	100	0	22.42	22.55	22.52		
20	16QAM	1	1	22.59	22.62	22.44	23.0	1.0
20	64QAM	1	1	20.97	21.12	21.06	21.5	2.5
20	256QAM	1	1	19.08	19.07	19.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.25	23.30	23.22	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.30	23.14	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.22	23.35	23.14	24.0	0.0

n66 Ant 0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.46	20.56	20.48	22.1	0.0
40	PI/2 BPSK	1	108	20.49	20.59	20.44		
40	PI/2 BPSK	1	214	20.45	20.55	20.52		
40	PI/2 BPSK	108	0	20.53	20.58	20.45	22.1	0.0
40	PI/2 BPSK	108	54	20.47	20.51	20.51	22.1	0.0
40	PI/2 BPSK	108	108	20.53	20.54	20.49	22.1	0.0
40	PI/2 BPSK	216	0	20.54	20.51	20.46		
40	QPSK	1	1	20.62	20.67	20.61	22.1	0.0
40	QPSK	1	108	20.55	20.60	20.48		
40	QPSK	1	214	20.46	20.55	20.46		
40	QPSK	108	0	20.55	20.60	20.48	22.1	0.0
40	QPSK	108	54	20.59	20.64	20.54	22.1	0.0
40	QPSK	108	108	20.51	20.52	20.55	22.1	0.0
40	QPSK	216	0	20.54	20.61	20.57		
40	16QAM	1	1	20.44	20.51	20.53	22.1	0.0
40	64QAM	1	1	20.04	20.05	19.97	21.5	0.6
40	256QAM	1	1	17.97	18.07	18.02	19.5	2.6
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.53	20.53	20.49	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.46	20.59	20.54	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.49	20.58	20.50	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.46	20.55	20.50	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.46	20.60	20.44	22.1	0.0

n7 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.62	19.64	19.62	21.0	0.0
40	PI/2 BPSK	1	108	19.57	19.58	19.64		
40	PI/2 BPSK	1	214	19.61	19.64	19.61		
40	PI/2 BPSK	108	0	19.61	19.56	19.60	21.0	0.0
40	PI/2 BPSK	108	54	19.56	19.64	19.56	21.0	0.0
40	PI/2 BPSK	108	108	19.57	19.64	19.61	21.0	0.0
40	PI/2 BPSK	216	0	19.57	19.57	19.53		
40	QPSK	1	1	19.66	19.71	19.68	21.0	0.0
40	QPSK	1	108	19.51	19.62	19.61		
40	QPSK	1	214	19.62	19.64	19.56		
40	QPSK	108	0	19.52	19.60	19.56	21.0	0.0
40	QPSK	108	54	19.62	19.67	19.60	21.0	0.0
40	QPSK	108	108	19.56	19.64	19.65	21.0	0.0
40	QPSK	216	0	19.57	19.64	19.53		
40	16QAM	1	1	19.62	19.59	19.63	21.0	0.0
40	64QAM	1	1	19.53	19.56	19.55	21.0	0.0
40	256QAM	1	1	18.10	18.17	18.19	19.5	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.60	19.62	19.62	21.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.62	19.58	19.61	21.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.54	19.63	19.60	21.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.55	19.59	19.55	21.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.56	19.66	19.59	21.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.52	19.55	19.61	21.0	0.0

n2 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.40	18.47	18.42	19.6	0.0
20	PI/2 BPSK	1	53	18.38	18.45	18.39		
20	PI/2 BPSK	1	104	18.41	18.43	18.45		
20	PI/2 BPSK	50	0	18.46	18.51	18.36	19.6	0.0
20	PI/2 BPSK	50	28	18.38	18.44	18.40	19.6	0.0
20	PI/2 BPSK	50	56	18.36	18.50	18.47	19.6	0.0
20	PI/2 BPSK	100	0	18.41	18.42	18.38		
20	QPSK	1	1	18.52	18.60	18.54	19.6	0.0
20	QPSK	1	53	18.41	18.48	18.37		
20	QPSK	1	104	18.43	18.43	18.36		
20	QPSK	50	0	18.38	18.47	18.41	19.6	0.0
20	QPSK	50	28	18.52	18.55	18.50	19.6	0.0
20	QPSK	50	56	18.46	18.50	18.41	19.6	0.0
20	QPSK	100	0	18.48	18.50	18.45		
20	16QAM	1	1	18.43	18.44	18.43	19.6	0.0
20	64QAM	1	1	18.39	18.44	18.44	19.6	0.0
20	256QAM	1	1	17.47	17.54	17.39	18.5	1.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.41	18.45	18.44	19.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.37	18.48	18.45	19.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.43	18.51	18.47	19.6	0.0

n5 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.85	22.06	21.84	23.0	0.0
20	PI/2 BPSK	1	53	21.80	21.91	22.06		
20	PI/2 BPSK	1	104	21.99	21.98	21.98		
20	PI/2 BPSK	50	0	21.49	21.58	21.64	22.5	0.5
20	PI/2 BPSK	50	28	21.90	21.92	21.83	23.0	0.0
20	PI/2 BPSK	50	56	21.58	21.58	21.65	22.5	0.5
20	PI/2 BPSK	100	0	21.59	21.56	21.72		
20	QPSK	1	1	22.05	22.11	22.10	23.0	0.0
20	QPSK	1	53	21.85	21.98	21.88		
20	QPSK	1	104	21.87	21.97	21.89		
20	QPSK	50	0	21.19	21.12	21.16	22.0	1.0
20	QPSK	50	28	21.97	22.05	21.89	23.0	0.0
20	QPSK	50	56	21.17	21.22	21.12	22.0	1.0
20	QPSK	100	0	21.10	21.17	21.08		
20	16QAM	1	1	21.16	21.07	21.05	22.0	1.0
20	64QAM	1	1	19.58	19.70	19.51	20.5	2.5
20	256QAM	1	1	17.59	17.61	17.64	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.80	21.99	21.74	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.76	21.99	21.75	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.79	21.99	21.77	23.0	0.0

n7 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.35	18.47	18.30	19.9	0.0
40	PI/2 BPSK	1	108	18.39	18.39	18.38		
40	PI/2 BPSK	1	214	18.38	18.44	18.36		
40	PI/2 BPSK	108	0	18.45	18.39	18.41	19.9	0.0
40	PI/2 BPSK	108	54	18.40	18.40	18.37	19.9	0.0
40	PI/2 BPSK	108	108	18.38	18.47	18.35	19.9	0.0
40	PI/2 BPSK	216	0	18.35	18.40	18.35		
40	QPSK	1	1	18.52	18.55	18.48	19.9	0.0
40	QPSK	1	108	18.37	18.49	18.33		
40	QPSK	1	214	18.39	18.43	18.35		
40	QPSK	108	0	18.45	18.39	18.36	19.9	0.0
40	QPSK	108	54	18.51	18.50	18.47	19.9	0.0
40	QPSK	108	108	18.40	18.49	18.37	19.9	0.0
40	QPSK	216	0	18.47	18.47	18.39		
40	16QAM	1	1	18.35	18.39	18.33	19.9	0.0
40	64QAM	1	1	18.43	18.38	18.41	19.9	0.0
40	256QAM	1	1	18.17	18.20	18.07	19.5	0.4
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.44	18.37	18.32	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.38	18.37	18.35	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.43	18.39	18.32	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.37	18.38	18.32	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.44	18.39	18.35	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.43	18.42	18.35	19.9	0.0

n26 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	21.79	21.81	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.80	21.77		
20	PI/2 BPSK	1	104	21.79	21.91	21.83		
20	PI/2 BPSK	50	0	21.34	21.46	21.45	22.5	0.5
20	PI/2 BPSK	50	28	21.81	21.90	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.45	21.39	22.5	0.5
20	PI/2 BPSK	100	0	21.45	21.50	21.38		
20	QPSK	1	1	21.92	22.01	21.95	23.0	0.0
20	QPSK	1	53	21.77	21.85	21.78		
20	QPSK	1	104	21.77	21.83	21.85		
20	QPSK	50	0	20.98	20.96	20.95	22.0	1.0
20	QPSK	50	28	21.79	21.95	21.83	23.0	0.0
20	QPSK	50	56	20.95	21.02	20.90	22.0	1.0
20	QPSK	100	0	20.90	20.94	20.88		
20	16QAM	1	1	21.00	20.95	21.04	22.0	1.0
20	64QAM	1	1	19.37	19.45	19.53	20.5	2.5
20	256QAM	1	1	17.34	17.44	17.48	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.70	21.86	21.72	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.66	21.73	21.83	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.67	21.72	21.72	23.0	0.0

n66 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.54	19.57	19.46	21.0	0.0
40	PI/2 BPSK	1	108	19.55	19.52	19.53		
40	PI/2 BPSK	1	214	19.45	19.59	19.54		
40	PI/2 BPSK	108	0	19.47	19.56	19.49	21.0	0.0
40	PI/2 BPSK	108	54	19.45	19.52	19.54	21.0	0.0
40	PI/2 BPSK	108	108	19.48	19.58	19.53	21.0	0.0
40	PI/2 BPSK	216	0	19.47	19.54	19.49		
40	QPSK	1	1	19.61	19.66	19.60	21.0	0.0
40	QPSK	1	108	19.49	19.50	19.43		
40	QPSK	1	214	19.44	19.56	19.45		
40	QPSK	108	0	19.49	19.56	19.47	21.0	0.0
40	QPSK	108	54	19.60	19.63	19.58	21.0	0.0
40	QPSK	108	108	19.52	19.50	19.50	21.0	0.0
40	QPSK	216	0	19.56	19.59	19.56		
40	16QAM	1	1	19.49	19.58	19.45	21.0	0.0
40	64QAM	1	1	19.45	19.52	19.53	21.0	0.0
40	256QAM	1	1	19.06	19.16	19.13	20.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.47	19.39	19.43	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.47	19.38	19.37	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.39	19.39	19.42	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.49	19.46	19.44	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.50	19.43	19.46	21.0	0.0

n38 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.74	18.78	18.70	20.1	0.0
40	PI/2 BPSK	1	53	18.68	18.80	18.72		
40	PI/2 BPSK	1	104	18.84	18.69	18.66		
40	PI/2 BPSK	50	0	18.78	18.73	18.72	20.1	0.0
40	PI/2 BPSK	50	28	18.75	18.78	18.77	20.1	0.0
40	PI/2 BPSK	50	56	18.73	18.70	18.62	20.1	0.0
40	PI/2 BPSK	100	0	18.73	18.81	18.77		
40	QPSK	1	1	18.81	18.93	18.81	20.1	0.0
40	QPSK	1	53	18.67	18.74	18.80		
40	QPSK	1	104	18.75	18.76	18.69		
40	QPSK	50	0	18.72	18.73	18.70	20.1	0.0
40	QPSK	50	28	18.82	18.85	18.69	20.1	0.0
40	QPSK	50	56	18.80	18.70	18.74	20.1	0.0
40	QPSK	100	0	18.79	18.80	18.79		
40	16QAM	1	1	18.75	18.81	18.72	20.1	0.0
40	64QAM	1	1	18.70	18.78	18.76	20.1	0.0
40	256QAM	1	1	18.34	18.30	18.15	19.5	0.6
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.71	18.88	18.70	20.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.71	18.82	18.78	20.1	0.0

n41 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.79	18.84	18.76	20.1	0.0
100	PI/2 BPSK	1	137	18.77	18.88	18.72		
100	PI/2 BPSK	1	271	18.85	18.78	18.76		
100	PI/2 BPSK	135	0	18.80	18.85	18.73	20.1	0.0
100	PI/2 BPSK	135	69	18.81	18.88	18.83	20.1	0.0
100	PI/2 BPSK	135	138	18.82	18.82	18.72	20.1	0.0
100	PI/2 BPSK	270	0	18.76	18.85	18.82		
100	QPSK	1	1	18.92	18.95	18.90	20.1	0.0
100	QPSK	1	137	18.78	18.84	18.82		
100	QPSK	1	271	18.85	18.81	18.80		
100	QPSK	135	0	18.76	18.85	18.78	20.1	0.0
100	QPSK	135	69	18.85	18.90	18.80	20.1	0.0
100	QPSK	135	138	18.81	18.81	18.76	20.1	0.0
100	QPSK	270	0	18.88	18.89	18.85		
100	16QAM	1	1	18.83	18.86	18.76	20.1	0.0
100	64QAM	1	1	18.75	18.87	18.81	20.1	0.0
100	256QAM	1	1	18.35	18.35	18.24	19.5	0.6
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.82	18.82	18.77	20.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.84	18.87	18.73	20.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.75	18.87	18.80	20.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.80	18.80	18.76	20.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.74	18.83	18.74	20.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.79	18.87	18.79	20.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.76	18.85	18.77	20.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.81	18.87	18.74	20.1	0.0

Part27Q n78 Ant 5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.57		20.8	0.0
100	PI/2 BPSK	1	137		19.55			
100	PI/2 BPSK	1	271		19.62			
100	PI/2 BPSK	135	0		19.56		20.8	0.0
100	PI/2 BPSK	135	69		19.61		20.8	0.0
100	PI/2 BPSK	135	138		19.63		20.8	0.0
100	PI/2 BPSK	270	0		19.62			
100	QPSK	1	1		19.70		20.8	0.0
100	QPSK	1	137		19.54			
100	QPSK	1	271		19.61			
100	QPSK	135	0		19.60		20.8	0.0
100	QPSK	135	69		19.65		20.8	0.0
100	QPSK	135	138		19.59		20.8	0.0
100	QPSK	270	0		19.61			
100	16QAM	1	1		19.64		20.8	0.0
100	64QAM	1	1		19.60		20.8	0.0
100	256QAM	1	1		19.40		20.5	0.3
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.47	19.48	19.51	20.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.37	19.48	19.42	20.8	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.44	19.57	19.39	20.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.39	19.57	19.49	20.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.41	19.53	19.45	20.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.48	19.57	19.44	20.8	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.41	19.57	19.45	20.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.43	19.58	19.47	20.8	0.0

Part27Q n78 Ant 1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.63		20.0	0.5
100	PI/2 BPSK	135	69		19.12		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		19.19		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.13		19.5	1.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		18.11		19.5	1.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		18.24		19.5	1.0
100	64QAM	1	1		16.65		18.0	2.5
100	256QAM	1	1		14.73		16.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.96	18.99	18.97	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.01	18.92	18.96	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.87	19.01	19.02	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.90	19.05	18.92	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.98	19.04	18.91	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.85	18.93	19.03	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.98	19.00	18.95	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.93	18.96	18.87	20.5	0.0

Part27Q n78 Ant 2 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.36		22.5	0.0
100	PI/2 BPSK	1	137		21.38			
100	PI/2 BPSK	1	271		21.36			
100	PI/2 BPSK	135	0		20.93		22.0	0.5
100	PI/2 BPSK	135	69		21.41		22.5	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.5
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.51		22.5	0.0
100	QPSK	1	137		21.34			
100	QPSK	1	271		21.42			
100	QPSK	135	0		20.59		21.5	1.0
100	QPSK	135	69		21.44		22.5	0.0
100	QPSK	135	138		20.42		21.5	1.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.45		21.5	1.0
100	64QAM	1	1		18.99		20.0	2.5
100	256QAM	1	1		17.03		18.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.44	21.48	21.39	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.29	21.36	21.31	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.34	21.38	21.25	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.32	21.34	21.36	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.33	21.41	21.28	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.35	21.35	21.34	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.34	21.37	21.30	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.38	21.37	21.34	22.5	0.0

Part27Q n78 Ant 8 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		17.59		19.0	0.5
100	PI/2 BPSK	135	69		18.02		19.5	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.14		18.5	1.0
100	QPSK	135	69		18.08		19.5	0.0
100	QPSK	135	138		17.11		18.5	1.0
100	QPSK	270	0		17.14			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.55		17.0	2.5
100	256QAM	1	1		13.59		15.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.93	17.98	17.91	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.97	17.93	17.92	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.85	17.94	17.79	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.91	17.93	17.81	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.84	18.00	17.88	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.92	18.03	17.92	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.87	18.03	17.94	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.91	17.80	19.5	0.0

n2 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.24	17.29	17.30	18.6	0.0
20	PI/2 BPSK	1	53	17.31	17.39	17.25		
20	PI/2 BPSK	1	104	17.29	17.35	17.28		
20	PI/2 BPSK	50	0	17.30	17.40	17.24	18.6	0.0
20	PI/2 BPSK	50	28	17.24	17.30	17.24	18.6	0.0
20	PI/2 BPSK	50	56	17.34	17.29	17.28	18.6	0.0
20	PI/2 BPSK	100	0	17.30	17.38	17.30		
20	QPSK	1	1	17.38	17.42	17.36	18.6	0.0
20	QPSK	1	53	17.32	17.32	17.31		
20	QPSK	1	104	17.29	17.28	17.33		
20	QPSK	50	0	17.32	17.35	17.27	18.6	0.0
20	QPSK	50	28	17.35	17.40	17.32	18.6	0.0
20	QPSK	50	56	17.28	17.35	17.34	18.6	0.0
20	QPSK	100	0	17.26	17.37	17.32		
20	16QAM	1	1	17.27	17.32	17.28	18.6	0.0
20	64QAM	1	1	17.36	17.34	17.28	18.6	0.0
20	256QAM	1	1	17.28	17.35	17.25	18.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.29	17.28	17.32	18.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.29	17.34	17.33	18.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.26	17.32	17.23	18.6	0.0

n5 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.32	23.27	24.0	0.0
20	PI/2 BPSK	1	53	22.95	23.28	23.00		
20	PI/2 BPSK	1	104	23.08	23.33	23.07		
20	PI/2 BPSK	50	0	22.83	23.05	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.26	23.40	23.33	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.93	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.84	23.08	22.99		
20	QPSK	1	1	23.38	23.49	23.42	24.0	0.0
20	QPSK	1	53	23.15	23.35	23.23		
20	QPSK	1	104	23.19	23.39	23.28		
20	QPSK	50	0	22.34	22.47	22.45	23.0	1.0
20	QPSK	50	28	23.32	23.46	23.42	24.0	0.0
20	QPSK	50	56	22.39	22.45	22.44	23.0	1.0
20	QPSK	100	0	22.42	22.48	22.44		
20	16QAM	1	1	22.37	22.53	22.48	23.0	1.0
20	64QAM	1	1	20.90	20.98	20.93	21.5	2.5
20	256QAM	1	1	18.82	18.94	18.97	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.36	23.27	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	23.40	23.34	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.27	23.30	24.0	0.0

n26 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.34	23.36	23.39	24.0	0.0
20	PI/2 BPSK	1	53	23.34	23.45	23.29		
20	PI/2 BPSK	1	104	23.33	23.31	23.33		
20	PI/2 BPSK	50	0	22.95	23.04	22.97	23.5	0.5
20	PI/2 BPSK	50	28	23.34	23.44	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.06	23.03	23.5	0.5
20	PI/2 BPSK	100	0	22.95	23.07	23.04		
20	QPSK	1	1	23.50	23.55	23.48	24.0	0.0
20	QPSK	1	53	23.32	23.41	23.38		
20	QPSK	1	104	23.44	23.49	23.28		
20	QPSK	50	0	22.54	22.46	22.50	23.0	1.0
20	QPSK	50	28	23.40	23.42	23.36	24.0	0.0
20	QPSK	50	56	22.45	22.52	22.46	23.0	1.0
20	QPSK	100	0	22.42	22.55	22.52		
20	16QAM	1	1	22.59	22.62	22.44	23.0	1.0
20	64QAM	1	1	20.97	21.12	21.06	21.5	2.5
20	256QAM	1	1	19.08	19.07	19.02	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.25	23.30	23.22	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.30	23.30	23.14	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.22	23.35	23.14	24.0	0.0

n66 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.09	16.24	16.12	17.7	0.0
40	PI/2 BPSK	1	108	16.08	16.19	16.18		
40	PI/2 BPSK	1	214	16.15	16.20	16.14		
40	PI/2 BPSK	108	0	16.18	16.22	16.18	17.7	0.0
40	PI/2 BPSK	108	54	16.14	16.19	16.15	17.7	0.0
40	PI/2 BPSK	108	108	16.14	16.25	16.17	17.7	0.0
40	PI/2 BPSK	216	0	16.17	16.15	16.13		
40	QPSK	1	1	16.26	16.31	16.29	17.7	0.0
40	QPSK	1	108	16.16	16.15	16.20		
40	QPSK	1	214	16.18	16.24	16.14		
40	QPSK	108	0	16.11	16.22	16.18	17.7	0.0
40	QPSK	108	54	16.15	16.28	16.22	17.7	0.0
40	QPSK	108	108	16.11	16.18	16.19	17.7	0.0
40	QPSK	216	0	16.22	16.24	16.20		
40	16QAM	1	1	16.18	16.16	16.23	17.7	0.0
40	64QAM	1	1	16.16	16.19	16.19	17.7	0.0
40	256QAM	1	1	16.17	16.21	16.12	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.12	16.21	16.12	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.16	16.21	16.18	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.18	16.19	16.14	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.19	16.19	16.17	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.13	16.17	16.14	17.7	0.0

n7 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.63	16.57	16.56	17.9	0.0
40	PI/2 BPSK	1	108	16.63	16.58	16.54		
40	PI/2 BPSK	1	214	16.53	16.58	16.58		
40	PI/2 BPSK	108	0	16.60	16.61	16.56	17.9	0.0
40	PI/2 BPSK	108	54	16.64	16.66	16.52	17.9	0.0
40	PI/2 BPSK	108	108	16.61	16.57	16.62	17.9	0.0
40	PI/2 BPSK	216	0	16.56	16.58	16.55		
40	QPSK	1	1	16.71	16.75	16.69	17.9	0.0
40	QPSK	1	108	16.59	16.63	16.61		
40	QPSK	1	214	16.57	16.57	16.59		
40	QPSK	108	0	16.59	16.63	16.59	16.9	1.0
40	QPSK	108	54	16.66	16.72	16.68	17.9	0.0
40	QPSK	108	108	16.57	16.65	16.58	16.9	1.0
40	QPSK	216	0	16.62	16.68	16.65		
40	16QAM	1	1	16.63	16.59	16.56	17.9	0.0
40	64QAM	1	1	16.64	16.65	16.61	17.9	0.0
40	256QAM	1	1	16.56	16.63	16.53	17.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.55	16.68	16.61	17.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.60	16.59	16.53	17.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.54	16.61	16.56	17.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.54	16.68	16.51	17.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.54	16.64	16.59	17.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.64	16.61	16.52	17.9	0.0

n2 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.18	14.18	14.12	15.6	0.0
20	PI/2 BPSK	1	53	14.18	14.27	14.23		
20	PI/2 BPSK	1	104	14.19	14.26	14.11		
20	PI/2 BPSK	50	0	14.24	14.23	14.12	15.6	0.0
20	PI/2 BPSK	50	28	14.15	14.28	14.13	15.6	0.0
20	PI/2 BPSK	50	56	14.14	14.23	14.17	15.6	0.0
20	PI/2 BPSK	100	0	14.22	14.24	14.12		
20	QPSK	1	1	14.31	14.35	14.29	15.6	0.0
20	QPSK	1	53	14.22	14.27	14.16		
20	QPSK	1	104	14.19	14.18	14.19		
20	QPSK	50	0	14.22	14.25	14.20	15.6	0.0
20	QPSK	50	28	14.25	14.28	14.23	15.6	0.0
20	QPSK	50	56	14.21	14.18	14.17	15.6	0.0
20	QPSK	100	0	14.26	14.26	14.18		
20	16QAM	1	1	14.14	14.19	14.15	15.6	0.0
20	64QAM	1	1	14.20	14.28	14.13	15.6	0.0
20	256QAM	1	1	14.19	14.20	14.14	15.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.24	14.26	14.13	15.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.24	14.20	14.22	15.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.25	14.24	14.22	15.6	0.0

n5 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.94	21.04	21.00	22.3	0.0
20	PI/2 BPSK	1	53	20.95	21.11	20.95		
20	PI/2 BPSK	1	104	21.04	21.02	20.89		
20	PI/2 BPSK	50	0	21.05	21.02	20.90	22.3	0.0
20	PI/2 BPSK	50	28	21.05	21.01	21.00	22.3	0.0
20	PI/2 BPSK	50	56	20.94	21.06	20.97	22.3	0.0
20	PI/2 BPSK	100	0	21.00	21.03	20.88		
20	QPSK	1	1	21.09	21.17	21.04	22.3	0.0
20	QPSK	1	53	21.16	21.10	21.05		
20	QPSK	1	104	21.12	21.09	21.07		
20	QPSK	50	0	20.98	21.01	21.00	22.0	0.3
20	QPSK	50	28	20.95	21.04	20.96	22.3	0.0
20	QPSK	50	56	20.96	21.02	20.91	22.0	0.3
20	QPSK	100	0	20.97	21.01	20.97		
20	16QAM	1	1	21.28	21.20	21.16	22.0	0.3
20	64QAM	1	1	19.72	19.83	19.65	20.5	1.8
20	256QAM	1	1	17.63	17.70	17.73	18.5	3.8
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.00	21.09	20.95	22.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.03	21.07	20.90	22.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.95	21.04	20.92	22.3	0.0

n7 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	12.36	12.39	12.35		
40	PI/2 BPSK	1	108	12.29	12.36	12.39	13.4	0.0
40	PI/2 BPSK	1	214	12.38	12.40	12.41		
40	PI/2 BPSK	108	0	12.35	12.35	12.36	13.4	0.0
40	PI/2 BPSK	108	54	12.35	12.41	12.32	13.4	0.0
40	PI/2 BPSK	108	108	12.30	12.40	12.33	13.4	0.0
40	PI/2 BPSK	216	0	12.35	12.36	12.30		
40	QPSK	1	1	12.48	12.55	12.51		
40	QPSK	1	108	12.37	12.44	12.32	13.4	0.0
40	QPSK	1	214	12.28	12.42	12.33		
40	QPSK	108	0	12.32	12.34	12.40	13.4	0.0
40	QPSK	108	54	12.43	12.51	12.39	13.4	0.0
40	QPSK	108	108	12.36	12.43	12.37	13.4	0.0
40	QPSK	216	0	12.38	12.46	12.48		
40	16QAM	1	1	12.29	12.44	12.41	13.4	0.0
40	64QAM	1	1	12.28	12.36	12.41	13.4	0.0
40	256QAM	1	1	12.37	12.39	12.34	13.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	12.26	12.27	12.33	13.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	12.33	12.31	12.30	13.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	12.30	12.35	12.33	13.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	12.24	12.28	12.27	13.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	12.33	12.30	12.27	13.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	12.23	12.25	12.28	13.4	0.0

n26 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.82	21.79	21.81		
20	PI/2 BPSK	1	53	21.84	21.80	21.77	23.0	0.0
20	PI/2 BPSK	1	104	21.79	21.91	21.83		
20	PI/2 BPSK	50	0	21.34	21.46	21.45	22.5	0.5
20	PI/2 BPSK	50	28	21.81	21.90	21.74	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.45	21.39	22.5	0.5
20	PI/2 BPSK	100	0	21.45	21.50	21.38		
20	QPSK	1	1	21.92	22.01	21.95		
20	QPSK	1	53	21.77	21.85	21.78	23.0	0.0
20	QPSK	1	104	21.77	21.83	21.85		
20	QPSK	50	0	20.98	20.96	20.95	22.0	1.0
20	QPSK	50	28	21.79	21.95	21.83	23.0	0.0
20	QPSK	50	56	20.95	21.02	20.90	22.0	1.0
20	QPSK	100	0	20.90	20.94	20.88		
20	16QAM	1	1	21.00	20.95	21.04	22.0	1.0
20	64QAM	1	1	19.37	19.45	19.53	20.5	2.5
20	256QAM	1	1	17.34	17.44	17.48	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.70	21.86	21.72	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.66	21.73	21.83	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.67	21.72	21.72	23.0	0.0

n66 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.98	16.13	16.05	17.6	0.0
40	PI/2 BPSK	1	108	16.03	16.07	16.04		
40	PI/2 BPSK	1	214	16.08	16.09	16.01		
40	PI/2 BPSK	108	0	16.06	16.09	16.05	17.6	0.0
40	PI/2 BPSK	108	54	16.05	16.13	16.08	17.6	0.0
40	PI/2 BPSK	108	108	16.00	16.05	16.04	17.6	0.0
40	PI/2 BPSK	216	0	16.07	16.12	16.06		
40	QPSK	1	1	16.16	16.20	16.14	17.6	0.0
40	QPSK	1	108	15.99	16.06	16.03		
40	QPSK	1	214	16.09	16.10	16.03		
40	QPSK	108	0	16.01	16.05	15.98	17.6	0.0
40	QPSK	108	54	16.12	16.15	16.10	17.6	0.0
40	QPSK	108	108	16.08	16.09	16.00	17.6	0.0
40	QPSK	216	0	16.08	16.12	16.06		
40	16QAM	1	1	16.05	16.12	16.08	17.6	0.0
40	64QAM	1	1	15.98	16.06	15.96	17.6	0.0
40	256QAM	1	1	16.03	16.07	16.06	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.07	16.05	15.98	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.03	16.06	16.00	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.00	16.07	16.06	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.06	16.11	16.05	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.10	16.07	16.08	17.6	0.0

n38 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.18	12.29	12.18	13.7	0.0
40	PI/2 BPSK	1	53	12.11	12.21	12.17		
40	PI/2 BPSK	1	104	12.14	12.35	12.15		
40	PI/2 BPSK	50	0	12.13	12.24	12.22	13.7	0.0
40	PI/2 BPSK	50	28	12.20	12.26	12.22	13.7	0.0
40	PI/2 BPSK	50	56	12.20	12.23	12.13	13.7	0.0
40	PI/2 BPSK	100	0	12.18	12.26	12.26		
40	QPSK	1	1	12.27	12.44	12.35	13.7	0.0
40	QPSK	1	53	12.16	12.22	12.22		
40	QPSK	1	104	12.13	12.19	12.14		
40	QPSK	50	0	12.11	12.24	12.26	13.7	0.0
40	QPSK	50	28	12.28	12.35	12.25	13.7	0.0
40	QPSK	50	56	12.18	12.15	12.25	13.7	0.0
40	QPSK	100	0	12.26	12.34	12.26		
40	16QAM	1	1	12.10	12.25	12.16	13.7	0.0
40	64QAM	1	1	12.21	12.29	12.12	13.7	0.0
40	256QAM	1	1	12.22	12.19	12.23	13.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.16	12.32	12.23	13.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.16	12.30	12.23	13.7	0.0

n41 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.32	12.37	12.30	13.7	0.0
100	PI/2 BPSK	1	137	12.23	12.36	12.28		
100	PI/2 BPSK	1	271	12.27	12.38	12.24		
100	PI/2 BPSK	135	0	12.24	12.37	12.25	13.7	0.0
100	PI/2 BPSK	135	69	12.27	12.35	12.35	13.7	0.0
100	PI/2 BPSK	135	138	12.24	12.30	12.26	13.7	0.0
100	PI/2 BPSK	270	0	12.27	12.34	12.31		
100	QPSK	1	1	12.42	12.49	12.45	13.7	0.0
100	QPSK	1	137	12.30	12.30	12.36		
100	QPSK	1	271	12.25	12.30	12.29		
100	QPSK	135	0	12.22	12.36	12.34	13.7	0.0
100	QPSK	135	69	12.38	12.42	12.40	13.7	0.0
100	QPSK	135	138	12.32	12.29	12.32	13.7	0.0
100	QPSK	270	0	12.37	12.39	12.35		
100	16QAM	1	1	12.21	12.35	12.30	13.7	0.0
100	64QAM	1	1	12.27	12.39	12.26	13.7	0.0
100	256QAM	1	1	12.29	12.28	12.35	13.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.31	12.28	12.24	13.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.28	12.32	12.32	13.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.30	12.31	12.29	13.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.26	12.30	12.29	13.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.28	12.32	12.25	13.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.23	12.39	12.28	13.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.29	12.39	12.33	13.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.28	12.34	12.25	13.7	0.0

Part27Q n78 Ant 5 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.48		14.7	0.0
100	PI/2 BPSK	1	137		13.55			
100	PI/2 BPSK	1	271		13.48			
100	PI/2 BPSK	135	0		13.49		14.7	0.0
100	PI/2 BPSK	135	69		13.44		14.7	0.0
100	PI/2 BPSK	135	138		13.49		14.7	0.0
100	PI/2 BPSK	270	0		13.50			
100	QPSK	1	1		13.62		14.7	0.0
100	QPSK	1	137		13.44			
100	QPSK	1	271		13.47			
100	QPSK	135	0		13.54		14.7	0.0
100	QPSK	135	69		13.58		14.7	0.0
100	QPSK	135	138		13.44		14.7	0.0
100	QPSK	270	0		13.52			
100	16QAM	1	1		13.48		14.7	0.0
100	64QAM	1	1		13.48		14.7	0.0
100	256QAM	1	1		13.49		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.52	13.55	13.46	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.52	13.52	13.41	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.53	13.53	13.39	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.50	13.51	13.46	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.47	13.54	13.46	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.44	13.46	13.38	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.54	13.48	13.46	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.45	13.54	13.45	14.7	0.0

Part27Q n78 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		18.63		20.0	0.5
100	PI/2 BPSK	135	69		19.12		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.0	0.5
100	PI/2 BPSK	270	0		18.70			
100	QPSK	1	1		19.19		20.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.13		19.5	1.0
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		18.11		19.5	1.0
100	QPSK	270	0		18.12			
100	16QAM	1	1		18.24		19.5	1.0
100	64QAM	1	1		16.65		18.0	2.5
100	256QAM	1	1		14.73		16.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.96	18.99	18.97	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.01	18.92	18.96	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.87	19.01	19.02	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.90	19.05	18.92	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.98	19.04	18.91	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.85	18.93	19.03	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.98	19.00	18.95	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.93	18.96	18.87	20.5	0.0

Part27Q n78 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.58		17.9	0.0
100	PI/2 BPSK	1	137		16.63			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.64		17.9	0.0
100	PI/2 BPSK	135	69		16.64		17.9	0.0
100	PI/2 BPSK	135	138		16.62			
100	PI/2 BPSK	270	0		16.57		17.9	0.0
100	QPSK	1	1		16.71		17.9	0.0
100	QPSK	1	137		16.58			
100	QPSK	1	271		16.66			
100	QPSK	135	0		16.56		17.9	0.0
100	QPSK	135	69		16.65		17.9	0.0
100	QPSK	135	138		16.58		17.9	0.0
100	QPSK	270	0		16.62			
100	16QAM	1	1		16.56		17.9	0.0
100	64QAM	1	1		16.60		17.9	0.0
100	256QAM	1	1		16.67		17.9	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.49	16.43	16.46	17.9	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.46	16.44	16.47	17.9	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.42	16.34	16.41	17.9	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.51	16.34	16.39	17.9	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.48	16.40	16.45	17.9	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.43	16.37	16.46	17.9	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.53	16.41	16.50	17.9	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.44	16.38	16.44	17.9	0.0

Part27Q n78 Ant 8 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.00		18.3	0.0
100	PI/2 BPSK	1	137		16.93			
100	PI/2 BPSK	1	271		16.98			
100	PI/2 BPSK	135	0		16.99		18.3	0.0
100	PI/2 BPSK	135	69		16.96		18.3	0.0
100	PI/2 BPSK	135	138		16.98		18.3	0.0
100	PI/2 BPSK	270	0		16.91			
100	QPSK	1	1		17.08		18.3	0.0
100	QPSK	1	137		16.94			
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.94		18.3	0.0
100	QPSK	135	69		17.01		18.3	0.0
100	QPSK	135	138		17.02		18.3	0.0
100	QPSK	270	0		16.97			
100	16QAM	1	1		16.97		18.3	0.0
100	64QAM	1	1		15.74		17.0	1.3
100	256QAM	1	1		13.81		15.0	3.3
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.48	16.50	16.42	18.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.40	16.40	16.28	18.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.41	16.35	16.31	18.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.43	16.43	16.38	18.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.35	16.43	16.34	18.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.40	16.38	16.29	18.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.34	16.38	16.36	18.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.42	16.42	16.31	18.3	0.0

Full&Default Power Mode Other PA

n2 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.58	21.71	21.54	23.0	0.0
20	PI/2 BPSK	1	53	21.59	21.63	21.61		
20	PI/2 BPSK	1	104	21.66	21.65	21.66		
20	PI/2 BPSK	50	0	21.41	21.42	21.25	22.5	0.5
20	PI/2 BPSK	50	28	21.56	21.69	21.54	23.0	0.0
20	PI/2 BPSK	50	56	21.36	21.45	21.28	22.5	0.5
20	PI/2 BPSK	100	0	21.27	21.45	21.37		
20	QPSK	1	1	21.84	21.87	21.80	23.0	0.0
20	QPSK	1	53	21.63	21.71	21.54		
20	QPSK	1	104	21.66	21.63	21.69		
20	QPSK	50	0	20.87	20.83	20.83	22.0	1.0
20	QPSK	50	28	21.62	21.74	21.67	23.0	0.0
20	QPSK	50	56	20.90	20.86	20.88	22.0	1.0
20	QPSK	100	0	20.90	20.95	20.80		
20	16QAM	1	1	20.84	20.88	20.74	22.0	1.0
20	64QAM	1	1	19.27	19.41	19.35	20.5	2.5
20	256QAM	1	1	17.29	17.33	17.35	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.68	21.66	21.67	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.66	21.70	21.71	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.67	21.66	21.69	23.0	0.0

n66 Ant 4 Full power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.73	21.72	21.70	23.0	0.0
40	PI/2 BPSK	1	108	21.69	21.83	21.76		
40	PI/2 BPSK	1	214	21.74	21.74	21.67		
40	PI/2 BPSK	108	0	21.43	21.50	21.43	22.5	0.5
40	PI/2 BPSK	108	54	21.77	21.84	21.76	23.0	0.0
40	PI/2 BPSK	108	108	21.32	21.43	21.35	22.5	0.5
40	PI/2 BPSK	216	0	21.45	21.43	21.31		
40	QPSK	1	1	21.90	21.93	21.89	23.0	0.0
40	QPSK	1	108	21.79	21.75	21.80		
40	QPSK	1	214	21.74	21.78	21.70		
40	QPSK	108	0	20.83	20.95	20.81	22.0	1.0
40	QPSK	108	54	21.75	21.86	21.81	23.0	0.0
40	QPSK	108	108	20.93	20.85	20.90	22.0	1.0
40	QPSK	216	0	20.92	20.94	20.85		
40	16QAM	1	1	20.82	20.99	20.84	22.0	1.0
40	64QAM	1	1	19.35	19.48	19.41	20.5	2.5
40	256QAM	1	1	17.45	17.36	17.32	18.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.70	21.66	21.71	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.68	21.72	21.68	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.63	21.72	21.76	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.71	21.73	21.67	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.73	21.67	21.76	23.0	0.0

Reduced Power Mode for Other PA DSI2

n2 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.15	16.28	16.18	17.2	0.0
20	PI/2 BPSK	1	53	16.13	16.19	16.11		
20	PI/2 BPSK	1	104	16.14	16.20	16.22		
20	PI/2 BPSK	50	0	16.17	16.29	16.17	17.2	0.0
20	PI/2 BPSK	50	28	16.23	16.20	16.19	17.2	0.0
20	PI/2 BPSK	50	56	16.22	16.28	16.15	17.2	0.0
20	PI/2 BPSK	100	0	16.16	16.28	16.21		
20	QPSK	1	1	16.30	16.35	16.28	17.2	0.0
20	QPSK	1	53	16.16	16.20	16.19		
20	QPSK	1	104	16.21	16.21	16.13		
20	QPSK	50	0	16.13	16.29	16.13	17.2	0.0
20	QPSK	50	28	16.28	16.33	16.25	17.2	0.0
20	QPSK	50	56	16.13	16.25	16.21	17.2	0.0
20	QPSK	100	0	16.24	16.28	16.26		
20	16QAM	1	1	16.17	16.27	16.20	17.2	0.0
20	64QAM	1	1	16.17	16.20	16.16	17.2	0.0
20	256QAM	1	1	16.18	16.21	16.12	17.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.17	16.25	16.22	17.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.16	16.27	16.20	17.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.21	16.20	16.13	17.2	0.0

n66 Ant 4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.40	19.50	19.46	20.4	0.0
40	PI/2 BPSK	1	108	19.45	19.44	19.41		
40	PI/2 BPSK	1	214	19.41	19.48	19.49		
40	PI/2 BPSK	108	0	19.48	19.43	19.49	20.4	0.0
40	PI/2 BPSK	108	54	19.40	19.46	19.45	20.4	0.0
40	PI/2 BPSK	108	108	19.39	19.47	19.44	20.4	0.0
40	PI/2 BPSK	216	0	19.47	19.53	19.49		
40	QPSK	1	1	19.55	19.60	19.57	20.4	0.0
40	QPSK	1	108	19.48	19.53	19.41		
40	QPSK	1	214	19.46	19.53	19.46		
40	QPSK	108	0	19.45	19.51	19.42	20.4	0.0
40	QPSK	108	54	19.50	19.56	19.52	20.4	0.0
40	QPSK	108	108	19.40	19.42	19.49	20.4	0.0
40	QPSK	216	0	19.45	19.50	19.46		
40	16QAM	1	1	19.42	19.54	19.44	20.4	0.0
40	64QAM	1	1	19.42	19.53	19.48	20.4	0.0
40	256QAM	1	1	17.67	17.71	17.70	18.5	1.9
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.45	19.46	19.43	20.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.44	19.44	19.41	20.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.38	19.48	19.45	20.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.43	19.53	19.42	20.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.48	19.44	19.51	20.4	0.0

Reduced Power Mode for Other PA DSI3

n2 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.29	16.33	16.26	17.5	0.0
20	PI/2 BPSK	1	53	16.36	16.37	16.26		
20	PI/2 BPSK	1	104	16.29	16.32	16.26		
20	PI/2 BPSK	50	0	16.38	16.41	16.26	17.5	0.0
20	PI/2 BPSK	50	28	16.29	16.34	16.32	17.5	0.0
20	PI/2 BPSK	50	56	16.30	16.40	16.25	17.5	0.0
20	PI/2 BPSK	100	0	16.33	16.37	16.25		
20	QPSK	1	1	16.45	16.48	16.42	17.5	0.0
20	QPSK	1	53	16.39	16.37	16.34		
20	QPSK	1	104	16.31	16.37	16.32		
20	QPSK	50	0	16.29	16.38	16.36	17.5	0.0
20	QPSK	50	28	16.36	16.47	16.36	17.5	0.0
20	QPSK	50	56	16.34	16.31	16.24	17.5	0.0
20	QPSK	100	0	16.34	16.39	16.36		
20	16QAM	1	1	16.29	16.36	16.26	17.5	0.0
20	64QAM	1	1	16.31	16.39	16.30	17.5	0.0
20	256QAM	1	1	16.28	16.38	16.31	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.31	16.34	16.34	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.33	16.37	16.28	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.31	16.42	16.27	17.5	0.0

n66 Ant 4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.94	19.92	19.91	21.0	0.0
40	PI/2 BPSK	1	108	19.96	19.98	19.84		
40	PI/2 BPSK	1	214	19.89	20.00	19.92		
40	PI/2 BPSK	108	0	19.97	19.95	19.86	21.0	0.0
40	PI/2 BPSK	108	54	19.98	19.91	19.96	21.0	0.0
40	PI/2 BPSK	108	108	19.91	19.98	19.86	21.0	0.0
40	PI/2 BPSK	216	0	19.94	19.94	19.87		
40	QPSK	1	1	20.02	20.05	19.99	21.0	0.0
40	QPSK	1	108	19.91	19.96	19.89		
40	QPSK	1	214	19.94	19.92	19.91		
40	QPSK	108	0	19.98	19.97	19.87	21.0	0.0
40	QPSK	108	54	19.98	20.01	19.95	21.0	0.0
40	QPSK	108	108	19.92	19.96	19.93	21.0	0.0
40	QPSK	216	0	19.95	19.98	19.93		
40	16QAM	1	1	19.94	19.93	19.87	21.0	0.0
40	64QAM	1	1	19.52	19.50	19.48	20.5	0.5
40	256QAM	1	1	17.49	17.59	17.50	18.5	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.93	20.02	19.96	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.93	20.01	19.95	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.94	19.95	19.92	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.93	20.02	19.89	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.89	19.98	19.86	21.0	0.0

Reduced Power Mode for Other PA DSI6

n2 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.40	18.47	18.42	19.6	0.0
20	PI/2 BPSK	1	53	18.38	18.45	18.39		
20	PI/2 BPSK	1	104	18.41	18.43	18.45		
20	PI/2 BPSK	50	0	18.46	18.51	18.36	19.6	0.0
20	PI/2 BPSK	50	28	18.38	18.44	18.40	19.6	0.0
20	PI/2 BPSK	50	56	18.36	18.50	18.47	19.6	0.0
20	PI/2 BPSK	100	0	18.41	18.42	18.38		
20	QPSK	1	1	18.52	18.60	18.54	19.6	0.0
20	QPSK	1	53	18.41	18.48	18.37		
20	QPSK	1	104	18.43	18.43	18.36		
20	QPSK	50	0	18.38	18.47	18.41	19.6	0.0
20	QPSK	50	28	18.52	18.55	18.50	19.6	0.0
20	QPSK	50	56	18.46	18.50	18.41	19.6	0.0
20	QPSK	100	0	18.48	18.50	18.45		
20	16QAM	1	1	18.43	18.44	18.43	19.6	0.0
20	64QAM	1	1	18.39	18.44	18.44	19.6	0.0
20	256QAM	1	1	17.47	17.54	17.39	18.5	1.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.41	18.45	18.44	19.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.37	18.48	18.45	19.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.43	18.51	18.47	19.6	0.0

n66 Ant 4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.54	19.57	19.46	21.0	0.0
40	PI/2 BPSK	1	108	19.55	19.52	19.53		
40	PI/2 BPSK	1	214	19.45	19.59	19.54		
40	PI/2 BPSK	108	0	19.47	19.56	19.49	21.0	0.0
40	PI/2 BPSK	108	54	19.45	19.52	19.54	21.0	0.0
40	PI/2 BPSK	108	108	19.48	19.58	19.53	21.0	0.0
40	PI/2 BPSK	216	0	19.47	19.54	19.49		
40	QPSK	1	1	19.61	19.66	19.60	21.0	0.0
40	QPSK	1	108	19.49	19.50	19.43		
40	QPSK	1	214	19.44	19.56	19.45		
40	QPSK	108	0	19.49	19.56	19.47	21.0	0.0
40	QPSK	108	54	19.60	19.63	19.58	21.0	0.0
40	QPSK	108	108	19.52	19.50	19.50	21.0	0.0
40	QPSK	216	0	19.56	19.59	19.56		
40	16QAM	1	1	19.49	19.58	19.45	21.0	0.0
40	64QAM	1	1	19.45	19.52	19.53	21.0	0.0
40	256QAM	1	1	19.06	19.16	19.13	20.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.47	19.39	19.43	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.47	19.38	19.37	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.39	19.39	19.42	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.49	19.46	19.44	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.50	19.43	19.46	21.0	0.0

Reduced Power Mode for Other PA DSI7

n2 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.18	14.18	14.12	15.6	0.0
20	PI/2 BPSK	1	53	14.18	14.27	14.23		
20	PI/2 BPSK	1	104	14.19	14.26	14.11		
20	PI/2 BPSK	50	0	14.24	14.23	14.12	15.6	0.0
20	PI/2 BPSK	50	28	14.15	14.28	14.13	15.6	0.0
20	PI/2 BPSK	50	56	14.14	14.23	14.17	15.6	0.0
20	PI/2 BPSK	100	0	14.22	14.24	14.12		
20	QPSK	1	1	14.31	14.35	14.29	15.6	0.0
20	QPSK	1	53	14.22	14.27	14.16		
20	QPSK	1	104	14.19	14.18	14.19		
20	QPSK	50	0	14.22	14.25	14.20	15.6	0.0
20	QPSK	50	28	14.25	14.28	14.23	15.6	0.0
20	QPSK	50	56	14.21	14.18	14.17	15.6	0.0
20	QPSK	100	0	14.26	14.26	14.18		
20	16QAM	1	1	14.14	14.19	14.15	15.6	0.0
20	64QAM	1	1	14.20	14.28	14.13	15.6	0.0
20	256QAM	1	1	14.19	14.20	14.14	15.6	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.24	14.26	14.13	15.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.24	14.20	14.22	15.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.25	14.24	14.22	15.6	0.0

n66 Ant 4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.98	16.13	16.05	17.6	0.0
40	PI/2 BPSK	1	108	16.03	16.07	16.04		
40	PI/2 BPSK	1	214	16.08	16.09	16.01		
40	PI/2 BPSK	108	0	16.06	16.09	16.05	17.6	0.0
40	PI/2 BPSK	108	54	16.05	16.13	16.08	17.6	0.0
40	PI/2 BPSK	108	108	16.00	16.05	16.04	17.6	0.0
40	PI/2 BPSK	216	0	16.07	16.12	16.06		
40	QPSK	1	1	16.16	16.20	16.14	17.6	0.0
40	QPSK	1	108	15.99	16.06	16.03		
40	QPSK	1	214	16.09	16.10	16.03		
40	QPSK	108	0	16.01	16.05	15.98	17.6	0.0
40	QPSK	108	54	16.12	16.15	16.10	17.6	0.0
40	QPSK	108	108	16.08	16.09	16.00	17.6	0.0
40	QPSK	216	0	16.08	16.12	16.06		
40	16QAM	1	1	16.05	16.12	16.08	17.6	0.0
40	64QAM	1	1	15.98	16.06	15.96	17.6	0.0
40	256QAM	1	1	16.03	16.07	16.06	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.07	16.05	15.98	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.03	16.06	16.00	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.00	16.07	16.06	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.06	16.11	16.05	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.10	16.07	16.08	17.6	0.0

WIFI&Bluetooth Power

Ant 6				Full power Extremity Standalone		Head Standalone Body-worn Standalone		Body-worn Simultaneous		Head Simultaneous		Hotspot		Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.35	20.50	18.79	20.00	12.90	14.00	13.29	14.50	15.91	17.00	16.96	18.00	98.60
		6	2437	19.07	20.50	18.51	20.00	12.49	14.00	12.92	14.50	15.61	17.00	16.61	18.00	
		11	2462	18.92	20.50	18.39	20.00	12.41	14.00	12.83	14.50	15.53	17.00	16.53	18.00	
	802.11g 6Mbps	1	2412	18.10	19.50	18.10	19.50	Not Required	14.00	Not Required	14.50	Not Required	17.00	Not Required	18.00	98.25
		6	2437	18.81	20.50	18.39	20.00		14.00		14.50		17.00		18.00	
		11	2462	17.32	19.00	17.32	19.00		14.00		14.50		17.00		18.00	
	802.11n-HT20 MCS0	1	2412	17.82	19.50	Not Required	19.50		14.00		14.50		17.00		18.00	98.12
		6	2437	18.65	20.00		20.00		14.00		14.50		17.00		18.00	
		11	2462	16.23	18.00		18.00		14.00		14.50		17.00		18.00	
	802.11n-HT40 MCS0	3	2422	14.21	16.00		16.00		14.00		14.50		16.00		16.00	94.82
		6	2437	16.40	18.00		18.00		14.00		14.50		17.00		18.00	
		7	2442	13.48	15.00		15.00		14.00		14.50		15.00		15.00	
		8	2447	13.37	15.00		15.00		14.00		14.50		15.00		15.00	
		9	2452	12.48	14.00		14.00		14.00		14.00		14.00		14.00	

Ant 6				Full power Extremity Standalone		Head Standalone Body-worn Standalone		Head Simultaneous Body-worn Simultaneous		Hotspot		Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.00	19.50	Not Required	15.50	Not Required	10.50	Not Required	12.00	Not Required	14.50	98.25
		40	5200	17.82	19.50		15.50		10.50		12.00		14.50	
		44	5220	18.19	19.50		15.50		10.50		12.00		14.50	
		48	5240	17.91	19.50		15.50		10.50		12.00		14.50	
	802.11n-HT20 MCS0	36	5180	17.84	19.50		15.50		10.50		12.00		14.50	98.12
		40	5200	17.72	19.50		15.50		10.50		12.00		14.50	
		44	5220	17.99	19.50		15.50		10.50		12.00		14.50	
		48	5240	17.76	19.50		15.50		10.50		12.00		14.50	
	802.11n-HT40 MCS0	38	5190	16.33	18.00	14.01	15.50		10.50		12.00		14.50	96.24
		46	5230	16.48	18.00	14.06	15.50		10.50		12.00		14.50	
	802.11ac-VHT20 MCS0	36	5180	17.81	19.50	Not Required	15.50		10.50		12.00		14.50	98.13
		40	5200	17.69	19.00		15.50		10.50		12.00		14.50	
		44	5220	18.00	19.50		15.50		10.50		12.00		14.50	
		48	5240	17.70	19.50		15.50		10.50		12.00		14.50	
	802.11ac-VHT40 MCS0	38	5190	15.50	17.00		15.50		10.50		12.00		14.50	96.27
		46	5230	15.59	17.00		15.50		10.50		12.00		14.50	
	802.11ac-VHT80 MCS0	42	5210	12.71	14.50		14.50	10.09	10.50	11.03	12.00	12.71	14.50	92.92

Ant 6				Full power Extremity Standalone		Head Standalone Body-worn Standalone		Head Simultaneous Body-worn Simultaneous		Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.25	20.00	Not Required	16.00	Not Required	11.00	Not Required	15.50	98.25
		56	5280	18.40	20.00		16.00		11.00		15.50	
		60	5300	18.43	20.00		16.00		11.00		15.50	
		64	5320	18.65	20.00		16.00		11.00		15.50	
	802.11n-HT20 MCS0	52	5260	18.03	19.50		16.00		11.00		15.50	98.12
		56	5280	18.20	20.00		16.00		11.00		15.50	
		60	5300	18.23	20.00		16.00		11.00		15.50	
		64	5320	18.50	20.00		16.00		11.00		15.50	
	802.11n-HT40 MCS0	54	5270	16.70	18.50	14.31	16.00		11.00		15.50	96.24
		62	5310	16.89	18.50	14.40	16.00		11.00		15.50	
	802.11ac-VHT20 MCS0	52	5260	17.98	19.50	Not Required	16.00		11.00		15.50	98.13
		56	5280	18.18	20.00		16.00		11.00		15.50	
		60	5300	18.22	20.00		16.00		11.00		15.50	
		64	5320	18.51	20.00		16.00		11.00		15.50	
	802.11ac-VHT40 MCS0	54	5270	15.78	17.50		16.00		11.00		15.50	96.27
		62	5310	15.99	17.50		16.00		11.00		15.50	
	802.11ac-VHT80 MCS0	58	5290	13.83	15.50		15.50	10.18	11.00	13.83	15.50	92.92

Ant 6				Full power		Head Standalone		Head Simultaneous		Body-worn Standalone		Body-worn Simultaneous		Extremity Standalone		Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.66	20.00	Not Required	14.50	Not Required	9.50	Not Required	15.00	Not Required	10.00	17.60	19.00	Not Required	14.00	98.25
		116	5580	17.95	19.50		14.50		9.50		15.00		10.00	17.05	19.00		14.00	
		124	5620	17.72	19.50		14.50		9.50		15.00		10.00	17.03	19.00		14.00	
		132	5660	18.34	20.00		14.50		9.50		15.00		10.00	17.41	19.00		14.00	
		140	5700	17.70	19.50		14.50		9.50		15.00		10.00	17.55	19.00		14.00	
		144	5720	18.39	20.00		14.50		9.50		15.00		10.00	17.50	19.00		14.00	
	802.11n-HT20 MCS0	100	5500	18.55	20.00		14.50		9.50		15.00		10.00	17.56	19.00		14.00	98.12
		116	5580	17.75	19.50		14.50		9.50		15.00		10.00	17.26	19.00		14.00	
		124	5620	17.60	19.00		14.50		9.50		15.00		10.00	17.60	19.00		14.00	
		132	5660	18.24	20.00		14.50		9.50		15.00		10.00	17.35	19.00		14.00	
		140	5700	17.49	19.00		14.50		9.50		15.00		10.00	17.49	19.00		14.00	
		144	5720	18.22	20.00		14.50		9.50		15.00		10.00	17.28	19.00		14.00	
	802.11n-HT40 MCS0	102	5510	16.88	18.50		14.50		9.50		15.00		10.00	Not Required	18.50		14.00	96.24
		110	5550	16.93	18.50		14.50		9.50		15.00		10.00		18.50		14.00	
		126	5630	16.13	18.00		14.50		9.50		15.00		10.00		18.00		14.00	
		134	5670	16.59	18.00		14.50		9.50		15.00		10.00		18.00		14.00	
		142	5710	16.90	18.50		14.50		9.50		15.00		10.00		18.50		14.00	
	802.11ac-VHT20 MCS0	100	5500	18.56	20.00		14.50		9.50		15.00		10.00		19.00		14.00	98.13
		116	5580	17.74	19.50		14.50		9.50		15.00		10.00		19.00		14.00	
		124	5620	17.54	19.00		14.50		9.50		15.00		10.00		19.00		14.00	
		132	5660	18.23	20.00		14.50		9.50		15.00		10.00		19.00		14.00	
		140	5700	17.55	19.00		14.50		9.50		15.00		10.00	Not Required	19.00		14.00	
		144	5720	18.21	20.00		14.50		9.50		15.00		10.00		19.00		14.00	
	802.11ac-VHT40 MCS0	102	5510	15.98	17.50		14.50		9.50		15.00		10.00		17.50		14.00	96.27
		110	5550	15.99	17.50		14.50		9.50		15.00		10.00		17.50		14.00	
		126	5630	15.34	17.00		14.50		9.50		15.00		10.00		17.00		14.00	
		134	5670	15.79	17.50		14.50		9.50		15.00		10.00		17.50		14.00	
		142	5710	15.98	17.50		14.50		9.50		15.00		10.00		17.50		14.00	
	802.11ac-VHT80 MCS0	106	5530	12.94	14.50	12.94	14.50	8.41	9.50	12.94	14.50	9.00	10.00		14.50	12.94	14.00	92.92
		122	5610	14.20	15.50	12.96	14.50	7.87	9.50	13.30	15.00	8.43	10.00		15.50	12.33	14.00	
		138	5690	14.65	16.00	13.30	14.50	8.43	9.50	13.63	15.00	8.94	10.00		16.00	12.57	14.00	

Ant 6				Full power		Head Standalone Body-worn Standalone		Extremity Standalone		Extremity Simultaneous		Head Simultaneous		Body-worn Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.13	20.00	Not Required	14.50	17.33	19.00	Not Required	15.50	Not Required	9.50	Not Required	10.50	Not Required	11.00	98.25
		157	5785	18.59	20.00		14.50	17.50	19.00		15.50		9.50		10.50		11.00	
		165	5825	18.10	19.50		14.50	17.26	19.00		15.50		9.50		10.50		11.00	
	802.11n-HT20 MCS0	149	5745	17.95	19.50		14.50	17.20	19.00		15.50		9.50		10.50		11.00	98.12
		157	5785	18.49	20.00		14.50	17.25	19.00		15.50		9.50		10.50		11.00	
		165	5825	17.80	19.50		14.50	17.12	19.00		15.50		9.50		10.50		11.00	
	802.11n-HT40 MCS0	151	5755	16.62	18.00		14.50	Not Required	18.00		15.50		9.50		10.50		11.00	96.24
		159	5795	16.78	18.50		14.50		18.50		15.50		9.50		10.50		11.00	
	802.11ac-VHT20 MCS0	149	5745	17.91	19.50		14.50		19.00		15.50		9.50		10.50		11.00	98.13
		157	5785	18.50	20.00		14.50		19.00		15.50		9.50		10.50		11.00	
		165	5825	17.79	19.50		14.50		19.00		15.50		9.50		10.50		11.00	
	802.11ac-VHT40 MCS0	151	5755	15.73	17.50		14.50		17.50		15.50		9.50		10.50		11.00	96.27
		159	5795	15.96	17.50		14.50		17.50		15.50		9.50		10.50		11.00	
	802.11ac-VHT80 MCS0	155	5775	14.63	16.00	13.21	14.50		16.00	14.18	15.50	8.41	9.50	9.39	10.50	9.84	11.00	92.92

BR / EDR

Ant 6					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	16.65	11.78	11.77
	CH 39	2441	16.86	12.06	12.04
	CH 78	2480	16.63	11.83	11.93
Tune-up Limit			18	13	13

BR / EDR

Ant 6			For Body-worn Simultaneous&Hotspot		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.95	6.90	6.94
	CH 39	2441	12.21	7.36	7.42
	CH 78	2480	12.09	7.25	7.29
Tune-up Limit			13.5	8.5	8.5

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.07
	CH 19	2440	10.38
	CH 39	2480	10.09
Tune-up Limit			11

BR / EDR

Ant 6			For Head Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.48	7.56	7.55
	CH 39	2441	12.85	8.02	8.05
	CH 78	2480	12.80	7.95	7.91
Tune-up Limit			14	9	9

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.44
	CH 19	2440	10.56
	CH 39	2480	10.22
Tune-up Limit			11.50